

DOCKETED

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DCEP0000917	DCEP0000918	Re: Darden Clean Energy Project (23-OPT-02) - question regarding project options	7/11/2024
DCEP0000919	DCEP0000920	Re: BESS Figure	7/5/2024
DCEP0000921	DCEP0000921	Pages from 2_TN252985_20231106T163245_CEC App_Chapter 2_Project Description_Darden Clean Energy.pdf	
DCEP0000922	DCEP0000922	Darden Clean Energy Project (23-OPT-02) - soil sampling clarifications	7/10/2024
DCEP0000923	DCEP0000924	Fw: BESS Figure	7/9/2024
DCEP0000925	DCEP0000926	Re: Darden Clean Energy Project (23-OPT-02) - soil sampling clarifications	7/10/2024
DCEP0000927	DCEP0000928	Re: Darden Clean Energy Project (23-OPT-02) - soil sampling clarifications	7/11/2024
DCEP0000929	DCEP0000931	Re: Fw: BESS Figure	7/9/2024
DCEP0000932	DCEP0000932	DR PD-11_Darden BESS Detail.pdf	
DCEP0000933	DCEP0000934	Darden Clean Energy Project (23-OPT-02) - meeting follow ups	7/17/2024
DCEP0000935	DCEP0000935	Re: Darden (23-OPT-02) REV 1 DR PD-1	7/18/2024
DCEP0000936	DCEP0000937	Darden Clean Energy Project (23-OPT-02) - REV 1 DR HAZ-1 meeting information	7/12/2024
DCEP0000938	DCEP0000938	Darden Clean Energy Project (23-OPT-02) - site visit request	7/12/2024
DCEP0000939	DCEP0000941	Fw: Darden Clean Energy Project (23-OPT-02) - soil sampling clarifications	7/12/2024

DCEP0000942	DCEP0000943	Re: Darden Clean Energy Project (23-OPT-02) - soil sampling clarifications	7/11/2024
DCEP0000944	DCEP0000946	Re: Darden Clean Energy Project (23-OPT-02) - soil sampling clarifications	7/12/2024
DCEP0000947	DCEP0000948	RE: Next Wed Meeting - In Person, please	7/18/2024
DCEP0000949	DCEP0000949	Re: Darden (23-OPT-02) REV 1 DR PD-1	7/18/2024
DCEP0000950	DCEP0000951	Darden Clean Energy Project (23-OPT-02) - CPUC and CEC GEO Discussion	7/19/2024
DCEP0000952	DCEP0000953	Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.	7/25/2024
DCEP0000954	DCEP0000954	Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.	7/24/2024
DCEP0000955	DCEP0000957	Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.	7/25/2024
DCEP0000958	DCEP0000959	Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.	7/25/2024
DCEP0000960	DCEP0000961	Re: BESS Figure	7/5/2024
DCEP0000962	DCEP0000963	Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.	7/25/2024
DCEP0000964	DCEP0000964	Re: Dashboard for tomorrow's session	7/23/2024
DCEP0000965	DCEP0000965	Dashboard for tomorrow's session	7/23/2024
DCEP0000966	DCEP0000977	CEC Problem Solving_07.22.2024.xlsx	
DCEP0000978	DCEP0000982	Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.	7/30/2024
DCEP0000983	DCEP0000984	Re: Darden Clean Energy Project (23-OPT-02) - question regarding project options	8/1/2024
DCEP0000985	DCEP0000985	Re: Darden Clean Energy Project (23-OPT-02) - WATER-1 DR discussion	7/30/2024
DCEP0000986	DCEP0000987	Re: Darden Clean Energy Project (23-OPT-02) - WATER-1 DR discussion	7/31/2024
DCEP0000988	DCEP0000990	Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.	7/29/2024
DCEP0000991	DCEP0000993	Re: Fw: BESS Figure	7/9/2024
DCEP0000994	DCEP0000994	DR PD-11_Darden BESS Detail.pdf	
DCEP0000995	DCEP0000998	Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.	7/26/2024
DCEP0000999	DCEP0001002	Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.	7/31/2024
DCEP0001003	DCEP0001003	Re: Darden Clean Energy Project (23-OPT-02) - WATER-1 DR discussion	7/30/2024

DCEP0001004	DCEP0001005	Darden Clean Energy Project (23-OPT-02) - site visit details	8/7/2024
DCEP0001006	DCEP0001006	Re: Darden 23-OPT-02 DR REV-1 Submittal Timing	8/9/2024
DCEP0001007	DCEP0001007	Darden Clean Energy Project (23-OPT-02) - project description	8/5/2024
DCEP0001008	DCEP0001010	Re: Darden Clean Energy Project (23-OPT-02) - question regarding project options	8/2/2024
DCEP0001011	DCEP0001012	Re: Darden Clean Energy Project (23-OPT-02) - CPUC and CEC GEO Discussion	8/16/2024
DCEP0001013	DCEP0001018	Re: Darden Clean Energy Project (23-OPT-02) - site visit details	8/16/2024
DCEP0001019	DCEP0001019	Re: Darden 23-OPT-02 DR REV-1 Submittal Timing	8/13/2024



Fresno County Department of Public Works and Planning

MAILING ADDRESS:

Department of Public Works and Planning
Development Services Division
2220 Tulare St., 6th Floor
Fresno, Ca. 93721

Date Received:

(Application No.)

LOCATION:

Southwest corner of Tulare & "M" Streets, Suite A
Street Level
Fresno Phone: (559) 600-4497
Toll Free: 1-800-742-1011 Ext. 0-4497

APPLICATION FOR:

- ☐ Pre-Application (Type) _____
- ☐ Amendment Application ☐ Director Review and Approval
- ☐ Amendment to Text ☐ for 2nd Residence
- ☒ Conditional Use Permit ☐ Determination of Merger
- ☐ Variance (Class)/Minor Variance ☐ Agreements
- ☐ Site Plan Review/Occupancy Permit ☐ ALCC/RLCC
- ☐ No Shoot/Dog Leash Law Boundary ☐ Other _____
- ☐ General Plan Amendment/Specific Plan/SP Amendment)
- ☐ Time Extension for _____

DESCRIPTION OF PROPOSED USE OR REQUEST:

IP Darden proposes to construct and operate a solar energy generation facility with approximately 9,000 acres of solar arrays and battery storage in addition to approximately 13 to 15 miles of gen-tie lines. The sites are located within Exclusive Agriculture (AE-40) Zone Districts. The project site is located on Prime Farmland that is covered by a Williamson Act Contract.

CEQA DOCUMENTATION: ☒ Initial Study ☐ PER ☐ N/A

PLEASE USE FILL-IN FORM OR PRINT IN BLACK INK. Answer all questions completely. Attach required site plans, forms, statements, and deeds as specified on the Pre-Application Review. **Attach Copy of Deed, including Legal Description.**

LOCATION OF PROPERTY: South _____ side of Three Rocks
between San Benito Mountain Research Area and S Derrick Avenue
Street address: N/A

APN: See attachment Parcel size: See attachment Section(s)-Twp/Rg: S _____ - T _____ S/R _____ E

ADDITIONAL APN(s): See attachment for APNs, parcel sizes, and Section(s)-Twp/Rg

I, Wend Britz (signature), declare that I am the owner, or authorized representative of the owner, of the above described property and that the application and attached documents are in all respects true and correct to the best of my knowledge. The foregoing declaration is made under penalty of perjury.

David Britz, Marilyn Britz, Martin Britz, Robert Glassman, Lisa Glassman, David E. Holand

(559) 285-0917

Owner (Print or Type)	Address	City	Zip	Phone
IP Darden I, LLC c/o Intersect Power, LLC	9450 SW Gemini Drive PMB #68743	Beaverton, Oregon	97008-7105	
Applicant (Print or Type)	Address	City	Zip	Phone
Marisa Mitchell	9450 SW Gemini Drive PMB #68743	Beaverton, Oregon	97008-7105	(415) 846-0730
Representative (Print or Type)	Address	City	Zip	Phone

CONTACT EMAIL: marisa@intersectpower.com

OFFICE USE ONLY (PRINT FORM ON GREEN PAPER)

Application Type / No.:	Fee: \$
Application Type / No.:	Fee: \$
Application Type / No.:	Fee: \$
Application Type / No.:	Fee: \$
PER/Initial Study No.:	Fee: \$
Ag Department Review:	Fee: \$
Health Department Review:	Fee: \$
Received By: _____	Invoice No.: _____
TOTAL: \$	

UTILITIES AVAILABLE:

WATER: Yes ☒ / No ☐
Agency: Westlands Water District

SEWER: Yes ☐ / No ☒
Agency: N/A

STAFF DETERMINATION: This permit is sought under Ordinance Section:

Related Application(s): _____

Zone District: _____

Parcel Size: _____

Sect-Twp/Rg: _____ - T _____ S/R _____ E

APN # _____ - _____ - _____

APN # _____ - _____ - _____

APN # _____ - _____ - _____

APN # _____ - _____ - _____

**REQUIRED FINDINGS NECESSARY FOR GRANTING A
CONDITIONAL USE PERMIT APPLICATION
AS SPECIFIED IN ZONING ORDINANCE SECTION 873**

1. That the site of the proposed use is adequate in size and shape to accommodate said use and all yards, spaces, walls and fences, parking, loading, landscaping, and other features required by this Division, to adjust said use with land and uses in the neighborhood.
2. That the site for proposed use relates to streets and highways adequate in width and pavement type to carry the quantity and kind of traffic generated by the proposed use.
3. That the proposed use will have no adverse effect on abutting property and surrounding neighborhood or the permitted use thereof.
4. That the proposed development is consistent with the General Plan.

**REQUIREMENTS FOR SUBMITTING SITE PLANS TO THE
FRESNO COUNTY PUBLIC WORKS AND PLANNING
DEPARTMENT**

The purpose of the site (or plot) plan is to enable the Development Services Division to determine whether or not a proposed development conforms to Zoning Ordinance regulations. The requirements below are necessary to ensure proper and timely review based on complete information, and to prevent unnecessary delays in the processing of applications. Improper or incomplete site plans will not be accepted.

General Requirements

1. The plan must be drawn on a sheet having the following minimum dimensions:
 - 18" x 24" for CUPs and SPRs
 - 8.5" x 11" for Variances and DRAs
2. The plan must show the entire parcel of property described in the application. If only a portion of an existing parcel is to be developed, a key map shall be included showing the entire parcel.
3. The plan must be drawn to scale, and the scale must be clearly shown. (Scale should also be large enough to adequately show required information). Parking and circulation plans must be drawn to a scale of 1"= 30', 1/32"= 1', or larger.
4. The plan shall be drawn so that north is at the top of the page and shall include a north arrow.
5. Each plan shall be folded individually, with the bottom right-hand corner facing up. Maximum acceptable folded size shall be 8.5" x 11"

Specific Information to be Shown

1. All existing and proposed building and structures, including buildings to be removed. Buildings should be labeled as either existing (E) or proposed (P).
2. The proposed use of all buildings and structures.
3. All adjacent streets and roads and their names
4. Access to the property: pedestrian, vehicular, and service.
5. Proposed street improvements and dedications.

**REQUIRED FINDINGS NECESSARY FOR THE GRANTING
OF A VARIANCE APPLICATION AS SPECIFIED IN ZONING
ORDINANCE SECTION 877**

1. There are exceptional or extraordinary circumstances or conditions applicable to the property involved which do not apply generally to other property in the vicinity having the identical zoning classification.
2. Such variance is necessary for the preservation and enjoyment of a substantial property right of the applicant, which right is possessed by other property owners under like conditions in the vicinity having the identical zoning classification.
3. The granting of a variance will not be materially detrimental to the public welfare or injurious to property and improvement in the vicinity in which the property is located.
4. The granting of such variance will not be contrary to the objectives of the General Plan.

**REQUIRED FINDINGS NECESSARY FOR THE GRANTING
OF A DIRECTOR REVIEW AND APPROVAL APPLICATION
AS SPECIFIED IN ZONING ORDINANCE SECTION 872**

1. That the site of the proposed use is adequate in size and shape to accommodate said use and all yards, spaces, walls and fences, parking, loading, landscaping and other features required by this Division, to adjust said use with land and uses in the neighborhood.
2. That the site for the proposed use relates to streets and highways adequate in width and pavement type to carry the quantity and kind of traffic generated by the proposed use.
3. That the proposed use will not be detrimental to the character of the development in the immediate neighborhood or the public health, safety, and general welfare.
4. That the proposed development be consistent with the General Plan.

6. Existing and proposed off-street parking and loading areas: location and type of paving, number of spaces (including detailed layout) and internal circulation pattern.
7. Existing and proposed signs: location, type of lighting, face area (text) and height.
8. Existing and proposed on-site lighting: location, type of fixtures, height and method of controlling glare and illumination.
9. The following measurements:
 - All dimensions of the site (or sites)
 - All dimensions of buildings and structures (including height).
 - All dimensions of off-street parking and loading areas.
 - The distance of all buildings and structures from property lines.
 - The distance between all buildings and structures.
10. Walls and fences: location, height and type of material.
11. Landscaping: location and type of plant material.
12. Pedestrian walkways: location, width and type of paving.
13. Existing wells and private sewage disposal systems.
14. Such other information as may be pertinent to the application.

Singh



Fresno County Department of Public Works and Planning

MAILING ADDRESS:

Department of Public Works and Planning
Development Services Division
2220 Tulare St., 6th Floor
Fresno, Ca. 93721

Date Received:

LOCATION:

Southwest corner of Tulare & "M" Streets, Suite A
Street Level
Fresno Phone: (559) 600-4497
Toll Free: 1-800-742-1011 Ext. 0-4497

(Application No.)

APPLICATION FOR:

- ☐ Pre-Application (Type) _____
- ☐ Amendment Application ☐ Director Review and Approval
- ☐ Amendment to Text ☐ for 2nd Residence
- ☒ Conditional Use Permit ☐ Determination of Merger
- ☐ Variance (Class)/Minor Variance ☐ Agreements
- ☐ Site Plan Review/Occupancy Permit ☐ ALCC/RLCC
- ☐ No Shoot/Dog Leash Law Boundary ☐ Other _____
- ☐ General Plan Amendment/Specific Plan/SP Amendment)
- ☐ Time Extension for _____

DESCRIPTION OF PROPOSED USE OR REQUEST:

IP Darden proposes to construct and operate a solar energy generation facility with approximately 9,000 acres of solar arrays and battery storage in addition to approximately 13 to 15 miles of gen-tie lines. The sites are located within Exclusive Agriculture (AE-20) Zone District. The project site is located on Prime Farmland that is covered by a Williamson Act Contract.

CEQA DOCUMENTATION: ☒ Initial Study ☐ PER ☐ N/A

PLEASE USE FILL-IN FORM OR PRINT IN BLACK INK. Answer all questions completely. Attach required site plans, forms, statements, and deeds as specified on the Pre-Application Review. **Attach Copy of Deed, including Legal Description.**

LOCATION OF PROPERTY: South _____ side of Cantua Creek

between Interstate 5 _____ and State Route 145 _____

Street address: N/A

APN: 045-070-04, 045-070-44S Parcel size: 39.95 acres, 40.12 acres Section(s)-Twp/Rg: S 14 - T 17S S/R 15E E

ADDITIONAL APN(s): _____

I, Marisa Mitchell (signature), declare that I am the owner, or authorized representative of the owner, of the above described property and that the application and attached documents are in all respects true and correct to the best of my knowledge. The foregoing declaration is made under penalty of perjury.

Navreen Kaur Thandi, Hirday P. Singh, and Kashmir K. Singh

Owner (Print or Type)	Address	City	Zip	Phone
IP Darden I, LLC c/o Intersect Power, LLC	9450 SW Gemini Drive PMB #68743	Beaverton, Oregon	97008-7105	
Applicant (Print or Type)	Address	City	Zip	Phone
Marisa Mitchell	9450 SW Gemini Drive PMB #68743	Beaverton, Oregon	97008-7105	(415) 846-0730
Representative (Print or Type)	Address	City	Zip	Phone

CONTACT EMAIL: marisa@intersectpower.com

OFFICE USE ONLY (PRINT FORM ON GREEN PAPER)

Application Type / No.:	Fee: \$
Application Type / No.:	Fee: \$
Application Type / No.:	Fee: \$
Application Type / No.:	Fee: \$
PER/Initial Study No.:	Fee: \$
Ag Department Review:	Fee: \$
Health Department Review:	Fee: \$
Received By: _____	Invoice No.: _____
TOTAL: \$	

UTILITIES AVAILABLE:

WATER: Yes ☒ / No ☐

Agency: Westlands Water District

SEWER: Yes ☐ / No ☒

Agency: N/A

STAFF DETERMINATION: This permit is sought under Ordinance Section:

Sect-Twp/Rg: _____ - T _____ S/R _____ E

Related Application(s): _____

APN # _____ - _____ - _____

Zone District: _____

APN # _____ - _____ - _____

Parcel Size: _____

APN # _____ - _____ - _____

APN # _____ - _____ - _____

Stephens



Fresno County Department of Public Works and Planning

MAILING ADDRESS:

Department of Public Works and Planning
Development Services Division
2220 Tulare St., 6th Floor
Fresno, Ca. 93721

Date Received:

(Application No.)

LOCATION:

Southwest corner of Tulare & "M" Streets, Suite A
Street Level
Fresno Phone: (559) 600-4497
Toll Free: 1-800-742-1011 Ext. 0-4497

APPLICATION FOR:

- ☐ Pre-Application (Type) _____
- ☐ Amendment Application ☐ Director Review and Approval
- ☐ Amendment to Text ☐ for 2nd Residence
- ☒ Conditional Use Permit ☐ Determination of Merger
- ☐ Variance (Class)/Minor Variance ☐ Agreements
- ☐ Site Plan Review/Occupancy Permit ☐ ALCC/RLCC
- ☐ No Shoot/Dog Leash Law Boundary ☐ Other _____
- ☐ General Plan Amendment/Specific Plan/SP Amendment)
- ☐ Time Extension for _____

DESCRIPTION OF PROPOSED USE OR REQUEST:

IP Darden proposes to construct and operate a solar energy generation facility with approximately 9,000 acres of solar arrays and battery storage in addition to approximately 13 to 15 miles of gen-tie lines. The site is located within Exclusive Agriculture (AE40) Zone District. The project site is not covered by a Williamson Act Contract.

CEQA DOCUMENTATION: ☒ Initial Study ☐ PER ☐ N/A

PLEASE USE FILL-IN FORM OR PRINT IN BLACK INK. Answer all questions completely. Attach required site plans, forms, statements, and deeds as specified on the Pre-Application Review. **Attach Copy of Deed, including Legal Description.**

LOCATION OF PROPERTY: South side of Three Rocks

between S Derrick Avenue and Interstate 5

Street address: N/A

APN: 045-170-34 Parcel size: 46.35 Section(s)-Twp/Rg: S 30 - T 17S S/R 15E E

ADDITIONAL APN(s): _____

I, Robert N. Stephens (signature), declare that I am the owner, or authorized representative of the owner, of the above described property and that the application and attached documents are in all respects true and correct to the best of my knowledge. The foregoing declaration is made under penalty of perjury.

Robert N. Stephens

(831) 234-2818

Owner (Print or Type)	Address	City	Zip	Phone
IP Darden I, LLC c/o Intersect Power, LLC	9450 SW Gemini Drive PMB #68743	Beaverton, Oregon	97008-7105	
Applicant (Print or Type)	Address	City	Zip	Phone
Marisa Mitchell	9450 SW Gemini Drive PMB #68743	Beaverton, Oregon	97008-7105	(415) 846-0730
Representative (Print or Type)	Address	City	Zip	Phone

CONTACT EMAIL: marisa@intersectpower.com

OFFICE USE ONLY (PRINT FORM ON GREEN PAPER)

Application Type / No.: _____ Fee: \$ _____

Application Type / No.: _____ Fee: \$ _____

Application Type / No.: _____ Fee: \$ _____

Application Type / No.: _____ Fee: \$ _____

PER/Initial Study No.: _____ Fee: \$ _____

Ag Department Review: _____ Fee: \$ _____

Health Department Review: _____ Fee: \$ _____

Received By: _____ Invoice No.: _____ TOTAL: \$ _____

UTILITIES AVAILABLE:

WATER: Yes ☒ / No ☐

Agency: Westlands Water District

SEWER: Yes ☐ / No ☒

Agency: N/A

STAFF DETERMINATION: This permit is sought under Ordinance Section: _____

Sect-Twp/Rg: _____ - T _____ S/R _____ E

Related Application(s): _____

APN # _____ - _____ - _____

APN # _____ - _____ - _____

APN # _____ - _____ - _____

APN # _____ - _____ - _____

Zone District: _____

Parcel Size: _____

Nunn



Fresno County Department of Public Works and Planning

MAILING ADDRESS:

Department of Public Works and Planning
Development Services Division
2220 Tulare St., 6th Floor
Fresno, Ca. 93721

Date Received:

(Application No.)

LOCATION:

Southwest corner of Tulare & "M" Streets, Suite A
Street Level

Fresno Phone: (559) 600-4497

Toll Free: 1-800-742-1011 Ext. 0-4497

APPLICATION FOR:

- ☐ Pre-Application (Type) _____
- ☐ Amendment Application ☐ Director Review and Approval
- ☐ Amendment to Text ☐ for 2nd Residence
- ☒ Conditional Use Permit ☐ Determination of Merger
- ☐ Variance (Class)/Minor Variance ☐ Agreements
- ☐ Site Plan Review/Occupancy Permit ☐ ALCC/RLCC
- ☐ No Shoot/Dog Leash Law Boundary ☐ Other _____
- ☐ General Plan Amendment/Specific Plan/SP Amendment)
- ☐ Time Extension for _____

DESCRIPTION OF PROPOSED USE OR REQUEST:

IP Darden proposes to construct and operate a solar energy generation facility with approximately 9,000 acres of solar arrays and battery storage in addition to approximately 13 to 15 miles of gen-tie lines. The site is located within Exclusive Agriculture (AE20 and AE40) Zone Districts. The project site is located on Prime Farmland that is covered by a Williamson Act Contract.

CEQA DOCUMENTATION: ☒ Initial Study ☐ PER ☐ N/A

PLEASE USE FILL-IN FORM OR PRINT IN BLACK INK. Answer all questions completely. Attach required site plans, forms, statements, and deeds as specified on the Pre-Application Review. **Attach Copy of Deed, including Legal Description.**

LOCATION OF PROPERTY: South side of Cantua Creek

between Interstate 5 and State Route 145

Street address: N/A

APN: 050-060-38S Parcel size: 161.56 Section(s)-Twp/Rg: S 17 - T 17S S/R 16E E

ADDITIONAL APN(s): _____

I, Laura K. Nunn (signature), declare that I am the owner, or authorized representative of the owner, of the above described property and that the application and attached documents are in all respects true and correct to the best of my knowledge. The foregoing declaration is made under penalty of perjury.

Laura K. Nunn Declaration of Trust

Owner (Print or Type)	Address	City	Zip	Phone
IP Darden I, LLC c/o Intersect Power, LLC	9450 SW Gemini Drive PMB #68743	Beaverton, Oregon	97008-7105	
Applicant (Print or Type)	Address	City	Zip	Phone
Marisa Mitchell	9450 SW Gemini Drive PMB #68743	Beaverton, Oregon	97008-7105	(415) 846-0730
Representative (Print or Type)	Address	City	Zip	Phone

CONTACT EMAIL: marisa@intersectpower.com

OFFICE USE ONLY (PRINT FORM ON GREEN PAPER)

Application Type / No.:	Fee: \$
Application Type / No.:	Fee: \$
Application Type / No.:	Fee: \$
Application Type / No.:	Fee: \$
PER/Initial Study No.:	Fee: \$
Ag Department Review:	Fee: \$
Health Department Review:	Fee: \$
Received By: _____	Invoice No.: _____
TOTAL: \$	

UTILITIES AVAILABLE:

WATER: Yes ☒ / No ☐

Agency: Westlands Water District

SEWER: Yes ☐ / No ☒

Agency: N/A

STAFF DETERMINATION: This permit is sought under Ordinance Section:

Sect-Twp/Rg: _____ - T _____ S / R _____ E

APN # _____ - _____ - _____

APN # _____ - _____ - _____

APN # _____ - _____ - _____

APN # _____ - _____ - _____

Related Application(s): _____

Zone District: _____

Parcel Size: _____

**REQUIRED FINDINGS NECESSARY FOR GRANTING A
CONDITIONAL USE PERMIT APPLICATION
AS SPECIFIED IN ZONING ORDINANCE SECTION 873**

1. That the site of the proposed use is adequate in size and shape to accommodate said use and all yards, spaces, walls and fences, parking, loading, landscaping, and other features required by this Division, to adjust said use with land and uses in the neighborhood.
2. That the site for proposed use relates to streets and highways adequate in width and pavement type to carry the quantity and kind of traffic generated by the proposed use.
3. That the proposed use will have no adverse effect on abutting property and surrounding neighborhood or the permitted use thereof.
4. That the proposed development is consistent with the General Plan.

**REQUIREMENTS FOR SUBMITTING SITE PLANS TO THE
FRESNO COUNTY PUBLIC WORKS AND PLANNING
DEPARTMENT**

The purpose of the site (or plot) plan is to enable the Development Services Division to determine whether or not a proposed development conforms to Zoning Ordinance regulations. The requirements below are necessary to ensure proper and timely review based on complete information, and to prevent unnecessary delays in the processing of applications. Improper or incomplete site plans will not be accepted.

General Requirements

1. The plan must be drawn on a sheet having the following minimum dimensions:
 - 18" x 24" for CUPs and SPRs
 - 8.5" x 11" for Variances and DRAs
2. The plan must show the entire parcel of property described in the application. If only a portion of an existing parcel is to be developed, a key map shall be included showing the entire parcel.
3. The plan must be drawn to scale, and the scale must be clearly shown. (Scale should also be large enough to adequately show required information). Parking and circulation plans must be drawn to a scale of 1"= 30', 1/32"= 1', or larger.
4. The plan shall be drawn so that north is at the top of the page and shall include a north arrow.
5. Each plan shall be folded individually, with the bottom right- hand corner facing up. Maximum acceptable folded size shall be 8.5" x 11"

Specific Information to be Shown

1. All existing and proposed building and structures, including buildings to be removed. Buildings should be labeled as either existing (E) or proposed (P).
2. The proposed use of all buildings and structures.
3. All adjacent streets and roads and their names
4. Access to the property: pedestrian, vehicular, and service.
5. Proposed street improvements and dedications.

**REQUIRED FINDINGS NECESSARY FOR THE GRANTING
OF A VARIANCE APPLICATION AS SPECIFIED IN ZONING
ORDINANCE SECTION 877**

1. There are exceptional or extraordinary circumstances or conditions applicable to the property involved which do not apply generally to other property in the vicinity having the identical zoning classification.
2. Such variance is necessary for the preservation and enjoyment of a substantial property right of the applicant, which right is possessed by other property owners under like conditions in the vicinity having the identical zoning classification.
3. The granting of a variance will not be materially detrimental to the public welfare or injurious to property and improvement in the vicinity in which the property is located.
4. The granting of such variance will not be contrary to the objectives of the General Plan.

**REQUIRED FINDINGS NECESSARY FOR THE GRANTING
OF A DIRECTOR REVIEW AND APPROVAL APPLICATION
AS SPECIFIED IN ZONING ORDINANCE SECTION 872**

1. That the site of the proposed use is adequate in size and shape to accommodate said use and all yards, spaces, walls and fences, parking, loading, landscaping and other features required by this Division, to adjust said use with land and uses in the neighborhood.
2. That the site for the proposed use relates to streets and highways adequate in width and pavement type to carry the quantity and kind of traffic generated by the proposed use.
3. That the proposed use will not be detrimental to the character of the development in the immediate neighborhood or the public health, safety, and general welfare.
4. That the proposed development be consistent with the General Plan.

6. Existing and proposed off-street parking and loading areas: location and type of paving, number of spaces (including detailed layout) and internal circulation pattern.
7. Existing and proposed signs: location, type of lighting, face area (text) and height.
8. Existing and proposed on-site lighting: location, type of fixtures, height and method of controlling glare and illumination.
9. The following measurements:
 - All dimensions of the site (or sites)
 - All dimensions of buildings and structures (including height).
 - All dimensions of off-street parking and loading areas.
 - The distance of all buildings and structures from property lines.
 - The distance between all buildings and structures.
10. Walls and fences: location, height and type of material.
11. Landscaping: location and type of plant material.
12. Pedestrian walkways: location, width and type of paving.
13. Existing wells and private sewage disposal systems.
14. Such other information as may be pertinent to the application.



Fresno County Department of Public Works and Planning

MAILING ADDRESS:

Department of Public Works and Planning
Development Services Division
2220 Tulare St., 6th Floor
Fresno, Ca. 93721

Date Received:

LOCATION:

Southwest corner of Tulare & "M" Streets, Suite A
Street Level
Fresno Phone: (559) 600-4497
Toll Free: 1-800-742-1011 Ext. 0-4497

(Application No.)

APPLICATION FOR:

- ☐ Pre-Application (Type) _____
- ☐ Amendment Application ☐ Director Review and Approval
- ☐ Amendment to Text ☐ for 2nd Residence
- ☒ Conditional Use Permit ☐ Determination of Merger
- ☐ Variance (Class)/Minor Variance ☐ Agreements
- ☐ Site Plan Review/Occupancy Permit ☐ ALCC/RLCC
- ☐ No Shoot/Dog Leash Law Boundary ☐ Other _____
- ☐ General Plan Amendment/Specific Plan/SP Amendment)
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DESCRIPTION OF PROPOSED USE OR REQUEST:

IP Darden proposes to construct and operate a solar energy generation facility with approximately 9,000 acres of solar arrays and battery storage in addition to approximately 13 to 15 miles of gen-tie lines. The site is located within Exclusive Agriculture (AE20 and AE40) Zone Districts. The project site is located on Prime Farmland that is covered by a Williamson Act Contract.

CEQA DOCUMENTATION: ☒ Initial Study ☐ PER ☐ N/A

PLEASE USE FILL-IN FORM OR PRINT IN BLACK INK. Answer all questions completely. Attach required site plans, forms, statements, and deeds as specified on the Pre-Application Review. **Attach Copy of Deed, including Legal Description.**

LOCATION OF PROPERTY: South _____ side of Cantua Creek

between Interstate 5 _____ and State Route 145 _____

Street address: N/A

APN: 050-060-27S Parcel size: 487.01 Section(s)-Twp/Rg: S 18 - T 17S S/R 16E E

ADDITIONAL APN(s): _____

I, Laura K. Nunn (signature), declare that I am the owner, or authorized representative of the owner, of the above described property and that the application and attached documents are in all respects true and correct to the best of my knowledge. The foregoing declaration is made under penalty of perjury.

Laura K. Nunn

Owner (Print or Type)	Address	City	Zip	Phone
IP Darden I, LLC c/o Intersect Power, LLC	9450 SW Gemini Drive PMB #68743	Beaverton, Oregon	97008-7105	
Applicant (Print or Type)	Address	City	Zip	Phone
Marisa Mitchell	9450 SW Gemini Drive PMB #68743	Beaverton, Oregon	97008-7105	(415) 846-0730
Representative (Print or Type)	Address	City	Zip	Phone

CONTACT EMAIL: marisa@intersectpower.com

OFFICE USE ONLY (PRINT FORM ON GREEN PAPER)

Application Type / No.:	Fee: \$
Application Type / No.:	Fee: \$
Application Type / No.:	Fee: \$
Application Type / No.:	Fee: \$
PER/Initial Study No.:	Fee: \$
Ag Department Review:	Fee: \$
Health Department Review:	Fee: \$
Received By: _____	Invoice No.: _____
TOTAL: \$	

UTILITIES AVAILABLE:

WATER: Yes ☒ / No ☐

Agency: Westlands Water District

SEWER: Yes ☐ / No ☒

Agency: N/A

STAFF DETERMINATION: This permit is sought under Ordinance Section:

Sect-Twp/Rg: _____ - T _____ S/R _____ E

Related Application(s): _____

APN # _____ - _____ - _____

APN # _____ - _____ - _____

APN # _____ - _____ - _____

APN # _____ - _____ - _____

Zone District: _____

Parcel Size: _____

**REQUIRED FINDINGS NECESSARY FOR GRANTING A
CONDITIONAL USE PERMIT APPLICATION
AS SPECIFIED IN ZONING ORDINANCE SECTION 873**

1. That the site of the proposed use is adequate in size and shape to accommodate said use and all yards, spaces, walls and fences, parking, loading, landscaping, and other features required by this Division, to adjust said use with land and uses in the neighborhood.
2. That the site for proposed use relates to streets and highways adequate in width and pavement type to carry the quantity and kind of traffic generated by the proposed use.
3. That the proposed use will have no adverse effect on abutting property and surrounding neighborhood or the permitted use thereof.
4. That the proposed development is consistent with the General Plan.

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5. Proposed street improvements and dedications.

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OF A VARIANCE APPLICATION AS SPECIFIED IN ZONING
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2. Such variance is necessary for the preservation and enjoyment of a substantial property right of the applicant, which right is possessed by other property owners under like conditions in the vicinity having the identical zoning classification.
3. The granting of a variance will not be materially detrimental to the public welfare or injurious to property and improvement in the vicinity in which the property is located.
4. The granting of such variance will not be contrary to the objectives of the General Plan.

**REQUIRED FINDINGS NECESSARY FOR THE GRANTING
OF A DIRECTOR REVIEW AND APPROVAL APPLICATION
AS SPECIFIED IN ZONING ORDINANCE SECTION 872**

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Development Services Division
2220 Tulare St., 6th Floor
Fresno, Ca. 93721

Date Received:

LOCATION:

Southwest corner of Tulare & "M" Streets, Suite A
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Fresno Phone: (559) 600-4497
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(Application No.)

APPLICATION FOR:

- ☐ Pre-Application (Type) _____
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- ☐ Amendment to Text ☐ for 2nd Residence
- ☒ Conditional Use Permit ☐ Determination of Merger
- ☐ Variance (Class)/Minor Variance ☐ Agreements
- ☐ Site Plan Review/Occupancy Permit ☐ ALCC/RLCC
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DESCRIPTION OF PROPOSED USE OR REQUEST:

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CEQA DOCUMENTATION: ☒ Initial Study ☐ PER ☐ N/A

PLEASE USE FILL-IN FORM OR PRINT IN BLACK INK. Answer all questions completely. Attach required site plans, forms, statements, and deeds as specified on the Pre-Application Review. **Attach Copy of Deed, including Legal Description.**

LOCATION OF PROPERTY: South side of Cantua Creek

between Interstate 5 and State Route 145

Street address: N/A

APN: 050-060-27S Parcel size: 487.01 Section(s)-Twp/Rg: S 18 - T 17S S/R 16E E

ADDITIONAL APN(s): _____

I, Lindsey Nann Houd (signature), declare that I am the owner, or authorized representative of the owner, of the above described property and that the application and attached documents are in all respects true and correct to the best of my knowledge. The foregoing declaration is made under penalty of perjury.

Owner (Print or Type)	Address	City	Zip	Phone
IP Darden I, LLC c/o Intersect Power, LLC	9450 SW Gemini Drive PMB #68743	Beaverton, Oregon	97008-7105	
Applicant (Print or Type)	Address	City	Zip	Phone
Marisa Mitchell	9450 SW Gemini Drive PMB #68743	Beaverton, Oregon	97008-7105	(415) 846-0730
Representative (Print or Type)	Address	City	Zip	Phone

CONTACT EMAIL: marisa@intersectpower.com

OFFICE USE ONLY (PRINT FORM ON GREEN PAPER)

Application Type / No.:	Fee: \$
Application Type / No.:	Fee: \$
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UTILITIES AVAILABLE:

WATER: Yes ☒ / No ☐

Agency: Westlands Water District

SEWER: Yes ☐ / No ☒

Agency: N/A

STAFF DETERMINATION: This permit is sought under Ordinance Section:

Sect-Twp/Rg: _____ - T _____ S/R _____ E

Related Application(s): _____

APN # _____ - _____ - _____

APN # _____ - _____ - _____

APN # _____ - _____ - _____

APN # _____ - _____ - _____

Zone District: _____

Parcel Size: _____

**REQUIRED FINDINGS NECESSARY FOR GRANTING A
CONDITIONAL USE PERMIT APPLICATION
AS SPECIFIED IN ZONING ORDINANCE SECTION 873**

1. That the site of the proposed use is adequate in size and shape to accommodate said use and all yards, spaces, walls and fences, parking, loading, landscaping, and other features required by this Division, to adjust said use with land and uses in the neighborhood.
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2. Such variance is necessary for the preservation and enjoyment of a substantial property right of the applicant, which right is possessed by other property owners under like conditions in the vicinity having the identical zoning classification.
3. The granting of a variance will not be materially detrimental to the public welfare or injurious to property and improvement in the vicinity in which the property is located.
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13. Existing wells and private sewage disposal systems.
14. Such other information as may be pertinent to the application.



Fresno County Department of Public Works and Planning

MAILING ADDRESS:

Department of Public Works and Planning
Development Services Division
2220 Tulare St., 6th Floor
Fresno, Ca. 93721

Date Received:

LOCATION:

Southwest corner of Tulare & "M" Streets, Suite A
Street Level
Fresno Phone: (559) 600-4497
Toll Free: 1-800-742-1011 Ext. 0-4497

(Application No.)

APPLICATION FOR:

- ☐ Pre-Application (Type) _____
- ☐ Amendment Application ☐ Director Review and Approval
- ☐ Amendment to Text ☐ for 2nd Residence
- ☒ Conditional Use Permit ☐ Determination of Merger
- ☐ Variance (Class)/Minor Variance ☐ Agreements
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- ☐ General Plan Amendment/Specific Plan/SP Amendment)
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DESCRIPTION OF PROPOSED USE OR REQUEST:

IP Darden proposes to construct and operate a solar energy generation facility with approximately 9,000 acres of solar arrays and battery storage in addition to approximately 13 to 15 miles of gen-tie lines. The site is located within Exclusive Agriculture (AE20 and AE40) Zone Districts. The project site is located on Prime Farmland that is covered by a Williamson Act Contract.

CEQA DOCUMENTATION: ☒ Initial Study ☐ PER ☐ N/A

PLEASE USE FILL-IN FORM OR PRINT IN BLACK INK. Answer all questions completely. Attach required site plans, forms, statements, and deeds as specified on the Pre-Application Review. **Attach Copy of Deed, including Legal Description.**

LOCATION OF PROPERTY: South side of Cantua Creek

between Interstate 5 and State Route 145

Street address: N/A

APN: 050-060-24S Parcel size: 119.04 Section(s)-Twp/Rg: S 17 - T 17S S/R 16E E

ADDITIONAL APN(s): _____

I, Ronald Nunn (signature), declare that I am the owner, or authorized representative of the owner, of the above described property and that the application and attached documents are in all respects true and correct to the best of my knowledge. The foregoing declaration is made under penalty of perjury.

Ronald Nunn Limited Partnership

Owner (Print or Type)	Address	City	Zip	Phone
IP Darden I, LLC c/o Intersect Power, LLC	9450 SW Gemini Drive PMB #68743	Beaverton, Oregon	97008-7105	
Applicant (Print or Type)	Address	City	Zip	Phone
Marisa Mitchell	9450 SW Gemini Drive PMB #68743	Beaverton, Oregon	97008-7105	(415) 846-0730
Representative (Print or Type)	Address	City	Zip	Phone

CONTACT EMAIL: marisa@intersectpower.com

OFFICE USE ONLY (PRINT FORM ON GREEN PAPER)

Application Type / No.:	Fee: \$
Application Type / No.:	Fee: \$
Application Type / No.:	Fee: \$
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PER/Initial Study No.:	Fee: \$
Ag Department Review:	Fee: \$
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UTILITIES AVAILABLE:

WATER: Yes ☒ / No ☐

Agency: Westlands Water District

SEWER: Yes ☐ / No ☒

Agency: N/A

STAFF DETERMINATION: This permit is sought under Ordinance Section:

Sect-Twp/Rg: _____ - T _____ S / R _____ E

Related Application(s): _____

APN # _____ - _____ - _____

Zone District: _____

APN # _____ - _____ - _____

Parcel Size: _____

APN # _____ - _____ - _____

APN # _____ - _____ - _____

**REQUIRED FINDINGS NECESSARY FOR GRANTING A
CONDITIONAL USE PERMIT APPLICATION
AS SPECIFIED IN ZONING ORDINANCE SECTION 873**

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14. Such other information as may be pertinent to the application.



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Development Services Division
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Fresno, Ca. 93721

Date Received:

LOCATION:

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Street Level
Fresno Phone: (559) 600-4497
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(Application No.)

APPLICATION FOR:

- ☐ Pre-Application (Type) _____
- ☐ Amendment Application ☐ Director Review and Approval
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- ☐ General Plan Amendment/Specific Plan/SP Amendment)
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CEQA DOCUMENTATION: ☒ Initial Study ☐ PER ☐ N/A

PLEASE USE FILL-IN FORM OR PRINT IN BLACK INK. Answer all questions completely. Attach required site plans, forms, statements, and deeds as specified on the Pre-Application Review. **Attach Copy of Deed, including Legal Description.**

LOCATION OF PROPERTY: South side of Cantua Creek

between Interstate 5 and State Route 145

Street address: N/A

APN: 045-070-35S, 045-070-37S Parcel size: 316 ac, 289.39 ac Section(s)-Twp/Rg: S 13 - T 17S S/R 15E E

ADDITIONAL APN(s): _____

Marisa Mitchell (signature), declare that I am the owner, or authorized representative of the owner, of the above described property and that the application and attached documents are in all respects true and correct to the best of my knowledge. The foregoing declaration is made under penalty of perjury.

Nann Family No.2 Limited Partnership

Owner (Print or Type)	Address	City	Zip	Phone
IP Darden I, LLC c/o Intersect Power, LLC	9450 SW Gemini Drive PMB #68743	Beaverton, Oregon	97008-7105	
Applicant (Print or Type)	Address	City	Zip	Phone
Marisa Mitchell	9450 SW Gemini Drive PMB #68743	Beaverton, Oregon	97008-7105	(415) 846-0730
Representative (Print or Type)	Address	City	Zip	Phone

CONTACT EMAIL: marisa@intersectpower.com

OFFICE USE ONLY (PRINT FORM ON GREEN PAPER)

Application Type / No.:	Fee: \$
Application Type / No.:	Fee: \$
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Application Type / No.:	Fee: \$
PER/Initial Study No.:	Fee: \$
Ag Department Review:	Fee: \$
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Received By: _____	Invoice No.: _____
TOTAL: \$	

UTILITIES AVAILABLE:

WATER: Yes ☒ / No ☐

Agency: Westlands Water District

SEWER: Yes ☐ / No ☒

Agency: N/A

STAFF DETERMINATION: This permit is sought under Ordinance Section:

Related Application(s): _____

Zone District: _____

Parcel Size: _____

Sect-Twp/Rg: _____ - T _____ S / R _____ E

APN # _____ - _____ - _____

APN # _____ - _____ - _____

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APN # _____ - _____ - _____

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AS SPECIFIED IN ZONING ORDINANCE SECTION 873**

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2. The proposed use of all buildings and structures.
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**REQUIRED FINDINGS NECESSARY FOR THE GRANTING
OF A VARIANCE APPLICATION AS SPECIFIED IN ZONING
ORDINANCE SECTION 877**

1. There are exceptional or extraordinary circumstances or conditions applicable to the property involved which do not apply generally to other property in the vicinity having the identical zoning classification.
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13. Existing wells and private sewage disposal systems.
14. Such other information as may be pertinent to the application.

Hansen



Fresno County Department of Public Works and Planning

MAILING ADDRESS:

Department of Public Works and Planning
Development Services Division
2220 Tulare St., 6th Floor
Fresno, Ca. 93721

Date Received:

(Application No.)

LOCATION:

Southwest corner of Tulare & "M" Streets, Suite A
Street Level
Fresno Phone: (559) 600-4497
Toll Free: 1-800-742-1011 Ext. 0-4497

APPLICATION FOR:

- ☐ Pre-Application (Type) _____
- ☐ Amendment Application ☐ Director Review and Approval
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CEQA DOCUMENTATION: ☒ Initial Study ☐ PER ☐ N/A

PLEASE USE FILL-IN FORM OR PRINT IN BLACK INK. Answer all questions completely. Attach required site plans, forms, statements, and deeds as specified on the Pre-Application Review. **Attach Copy of Deed, including Legal Description.**

LOCATION OF PROPERTY: South _____ side of Cantua Creek

between Interstate 5 _____ and State Route 145 _____

Street address: N/A

APN: 045-080-38S Parcel size: 311.03 Section(s)-Twp/Rg: S 19 - T 17S S/R 15E E

ADDITIONAL APN(s): _____

I, Phillip W. Hansen (signature), declare that I am the owner, or authorized representative of the owner, of the above described property and that the application and attached documents are in all respects true and correct to the best of my knowledge. The foregoing declaration is made under penalty of perjury.

Phillip W. Hansen	P.O. Box 398	Corcoran	93212	(559) 992-3111
Owner (Print or Type)	Address	City	Zip	Phone
IP Darden I, LLC c/o Intersect Power, LLC	9450 SW Gemini Drive PMB #68743	Beaverton, Oregon	97008-7105	
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Marisa Mitchell	9450 SW Gemini Drive PMB #68743	Beaverton, Oregon	97008-7105	(415) 846-0730
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CONTACT EMAIL: marisa@intersectpower.com

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Received By: _____ Invoice No.:	TOTAL: \$

UTILITIES AVAILABLE:

WATER: Yes ☒ / No ☐

Agency: Westlands Water District

SEWER: Yes ☐ / No ☒

Agency: N/A

STAFF DETERMINATION: This permit is sought under Ordinance Section:

Sect-Twp/Rg: _____ - T _____ S/R _____ E

Related Application(s): _____

APN # _____ - _____ - _____

APN # _____ - _____ - _____

APN # _____ - _____ - _____

APN # _____ - _____ - _____

Zone District: _____

Parcel Size: _____

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Development Services Division
2220 Tulare St., 6th Floor
Fresno, Ca. 93721

Date Received:

(Application No.)

LOCATION:

Southwest corner of Tulare & "M" Streets, Suite A
Street Level
Fresno Phone: (559) 600-4497
Toll Free: 1-800-742-1011 Ext. 0-4497

APPLICATION FOR:

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CEQA DOCUMENTATION: ☒ Initial Study ☐ PER ☐ N/A

PLEASE USE FILL-IN FORM OR PRINT IN BLACK INK. Answer all questions completely. Attach required site plans, forms, statements, and deeds as specified on the Pre-Application Review. **Attach Copy of Deed, including Legal Description.**

LOCATION OF PROPERTY: South _____ side of Cantua Creek

between Interstate 5 and State Route 145

Street address: N/A

APN: 045-080-47S Parcel size: 123.82 Section(s)-Twp/Rg: S 19 - T 17S S/R 15E E

ADDITIONAL APN(s): _____

I, Phillip W. Hansen (signature), declare that I am the owner, or authorized representative of the owner, of the above described property and that the application and attached documents are in all respects true and correct to the best of my knowledge. The foregoing declaration is made under penalty of perjury.

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Development Services Division
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Fresno, Ca. 93721

Date Received:

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LOCATION:

Southwest corner of Tulare & "M" Streets, Suite A
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between Interstate 5 and State Route 145

Street address: N/A

APN: 045-080-09S Parcel size: 234.71 Section(s)-Twp/Rg: S 16 - T 17S S/R 15E E

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Parcel Size:

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DESCRIPTION OF PROPOSED USE OR REQUEST:

IP Darden proposes to construct and operate a solar energy generation facility with approximately 9,000 acres of solar arrays and battery storage in addition to approximately 13 to 15 miles of gen-tie lines. The site is located within Exclusive Agriculture (AE-20) Zone District. The project site is located on Prime Farmland that is covered by a Williamson Act Contract.

CEQA DOCUMENTATION: ☒ Initial Study ☐ PER ☐ N/A

PLEASE USE FILL-IN FORM OR PRINT IN BLACK INK. Answer all questions completely. Attach required site plans, forms, statements, and deeds as specified on the Pre-Application Review. **Attach Copy of Deed, including Legal Description.**

LOCATION OF PROPERTY: South _____ side of Cantua Creek
between Interstate 5 _____ and State Route 145 _____
Street address: N/A

APN: 045-070-51S Parcel size: 158.13 Section(s)-Twp/Rg: S 15 - T 17S S/R 15E E

ADDITIONAL APN(s): _____

I, Phillip W. Hansen (signature), declare that I am the owner, or authorized representative of the owner, of the above described property and that the application and attached documents are in all respects true and correct to the best of my knowledge. The foregoing declaration is made under penalty of perjury.

Phillip W. Hansen	P.O. Box 398	Corcoran	93212	(559) 992-3111
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CONTACT EMAIL: marisa@intersectpower.com

OFFICE USE ONLY (PRINT FORM ON GREEN PAPER)

Application Type / No.: _____ Fee: \$ _____

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Application Type / No.: _____ Fee: \$ _____

PER/Initial Study No.: _____ Fee: \$ _____

Ag Department Review: _____ Fee: \$ _____

Health Department Review: _____ Fee: \$ _____

Received By: _____ Invoice No.: _____ TOTAL: \$ _____

UTILITIES AVAILABLE:

WATER: Yes ☒ / No ☐
Agency: Westlands Water District

SEWER: Yes ☐ / No ☒
Agency: N/A

STAFF DETERMINATION: This permit is sought under Ordinance Section: _____

Sect-Twp/Rg: _____ - T _____ S / R _____ E

Related Application(s): _____

APN # _____ - _____ - _____

Zone District: _____

APN # _____ - _____ - _____

Parcel Size: _____

APN # _____ - _____ - _____

**REQUIRED FINDINGS NECESSARY FOR GRANTING A
CONDITIONAL USE PERMIT APPLICATION
AS SPECIFIED IN ZONING ORDINANCE SECTION 873**

1. That the site of the proposed use is adequate in size and shape to accommodate said use and all yards, spaces, walls and fences, parking, loading, landscaping, and other features required by this Division, to adjust said use with land and uses in the neighborhood.
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Fresno County Department of Public Works and Planning

MAILING ADDRESS:

Department of Public Works and Planning
Development Services Division
2220 Tulare St., 6th Floor
Fresno, Ca. 93721

Date Received:

(Application No.)

LOCATION:

Southwest corner of Tulare & "M" Streets, Suite A
Street Level
Fresno Phone: (559) 600-4497
Toll Free: 1-800-742-1011 Ext. 0-4497

APPLICATION FOR:

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- ☐ Amendment Application ☐ Director Review and Approval
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CEQA DOCUMENTATION: ☒ Initial Study ☐ PER ☐ N/A

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LOCATION OF PROPERTY: South _____ side of Cantua Creek
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Street address: N/A

APN: 045-070-49S Parcel size: 159 51 Section(s)-Twp/Rg: S 15 - T 17S S/R 15E E

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Received By: _____ Invoice No.:	TOTAL: \$

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Agency: N/A

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Related Application(s): _____

APN # _____ - _____ - _____

APN # _____ - _____ - _____

APN # _____ - _____ - _____

APN # _____ - _____ - _____

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Parcel Size: _____

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AS SPECIFIED IN ZONING ORDINANCE SECTION 873**

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14. Such other information as may be pertinent to the application.



Fresno County Department of Public Works and Planning

MAILING ADDRESS:

Department of Public Works and Planning
Development Services Division
2220 Tulare St., 6th Floor
Fresno, Ca. 93721

Date Received:

(Application No.)

LOCATION:

Southwest corner of Tulare & "M" Streets, Suite A
Street Level
Fresno Phone: (559) 600-4497
Toll Free: 1-800-742-1011 Ext. 0-4497

APPLICATION FOR:

- ☐ Pre-Application (Type) _____
- ☐ Amendment Application ☐ Director Review and Approval
- ☐ Amendment to Text ☐ for 2nd Residence
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CEQA DOCUMENTATION: ☒ Initial Study ☐ PER ☐ N/A

PLEASE USE FILL-IN FORM OR PRINT IN BLACK INK. Answer all questions completely. Attach required site plans, forms, statements, and deeds as specified on the Pre-Application Review. **Attach Copy of Deed, including Legal Description.**

LOCATION OF PROPERTY: South side of Cantua Creek

between Interstate 5 and State Route 145

Street address: N/A

APN: 045-080-17S Parcel size: 317.30 Section(s)-Twp/Rg: S 20 - T 17S S/R 15E E

ADDITIONAL APN(s): _____

I, [Signature] (signature), declare that I am the owner, or authorized representative of the owner, of the above described property and that the application and attached documents are in all respects true and correct to the best of my knowledge. The foregoing declaration is made under penalty of perjury.

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Application Type / No.: _____ Fee: \$ _____

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PER/Initial Study No.: _____ Fee: \$ _____

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WATER: Yes ☒ / No ☐

Agency: Westlands Water District

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Agency: N/A

STAFF DETERMINATION: This permit is sought under Ordinance Section:

Sect-Twp/Rg: _____ - T _____ S/R _____ E

Related Application(s): _____

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Parcel Size: _____

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between Interstate 5 _____ and State Route 145 _____

Street address: N/A

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Agency: Westlands Water District

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Agency: N/A

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5. Each plan shall be folded individually, with the bottom right-hand corner facing up. Maximum acceptable folded size shall be 8.5" x 11"

Specific Information to be Shown

1. All existing and proposed building and structures, including buildings to be removed. Buildings should be labeled as either existing (E) or proposed (P).
2. The proposed use of all buildings and structures.
3. All adjacent streets and roads and their names
4. Access to the property: pedestrian, vehicular, and service.
5. Proposed street improvements and dedications.

**REQUIRED FINDINGS NECESSARY FOR THE GRANTING
OF A VARIANCE APPLICATION AS SPECIFIED IN ZONING
ORDINANCE SECTION 877**

1. There are exceptional or extraordinary circumstances or conditions applicable to the property involved which do not apply generally to other property in the vicinity having the identical zoning classification.
2. Such variance is necessary for the preservation and enjoyment of a substantial property right of the applicant, which right is possessed by other property owners under like conditions in the vicinity having the identical zoning classification.
3. The granting of a variance will not be materially detrimental to the public welfare or injurious to property and improvement in the vicinity in which the property is located.
4. The granting of such variance will not be contrary to the objectives of the General Plan.

**REQUIRED FINDINGS NECESSARY FOR THE GRANTING
OF A DIRECTOR REVIEW AND APPROVAL APPLICATION
AS SPECIFIED IN ZONING ORDINANCE SECTION 872**

1. That the site of the proposed use is adequate in size and shape to accommodate said use and all yards, spaces, walls and fences, parking, loading, landscaping and other features required by this Division, to adjust said use with land and uses in the neighborhood.
2. That the site for the proposed use relates to streets and highways adequate in width and pavement type to carry the quantity and kind of traffic generated by the proposed use.
3. That the proposed use will not be detrimental to the character of the development in the immediate neighborhood or the public health, safety, and general welfare.
4. That the proposed development be consistent with the General Plan.

6. Existing and proposed off-street parking and loading areas: location and type of paving, number of spaces (including detailed layout) and internal circulation pattern.
7. Existing and proposed signs: location, type of lighting, face area (text) and height.
8. Existing and proposed on-site lighting: location, type of fixtures, height and method of controlling glare and illumination.
9. The following measurements:
 - All dimensions of the site (or sites)
 - All dimensions of buildings and structures (including height).
 - All dimensions of off-street parking and loading areas.
 - The distance of all buildings and structures from property lines.
 - The distance between all buildings and structures.
10. Walls and fences: location, height and type of material.
11. Landscaping: location and type of plant material.
12. Pedestrian walkways: location, width and type of paving.
13. Existing wells and private sewage disposal systems.
14. Such other information as may be pertinent to the application.



Fresno County Department of Public Works and Planning

MAILING ADDRESS:

Department of Public Works and Planning
Development Services Division
2220 Tulare St., 6th Floor
Fresno, Ca. 93721

Date Received:

{Application No.}

LOCATION:

Southwest corner of Tulare & "M" Streets, Suite A
Street Level
Fresno Phone: (559) 600-4497
Toll Free: 1-800-742-1011 Ext. 0-4497

APPLICATION FOR:

- ☐ Pre-Application (Type) _____
- ☐ Amendment Application ☐ Director Review and Approval
- ☐ Amendment to Text ☐ for 2nd Residence
- ☒ Conditional Use Permit ☐ Determination of Merger
- ☐ Variance (Class)/Minor Variance ☐ Agreements
- ☐ Site Plan Review/Occupancy Permit ☐ ALCC/RLCC
- ☐ No Shoot/Dog Leash Law Boundary ☐ Other _____
- ☐ General Plan Amendment/Specific Plan/SP Amendment)
- ☐ Time Extension for _____

DESCRIPTION OF PROPOSED USE OR REQUEST:

IP Darden proposes to construct and operate a solar energy generation facility with approximately 9,000 acres of solar arrays and battery storage in addition to approximately 13 to 15 miles of gen-tie lines. The site is located within Exclusive Agriculture (AE-20) Zone District. The project site is located on Prime Farmland that is covered by a Williamson Act Contract.

CEQA DOCUMENTATION: ☒ Initial Study ☐ PER ☐ N/A

PLEASE USE FILL-IN FORM OR PRINT IN BLACK INK. Answer all questions completely. Attach required site plans, forms, statements, and deeds as specified on the Pre-Application Review. **Attach Copy of Deed, including Legal Description.**

LOCATION OF PROPERTY: South side of Cantua Creek

between Interstate 5 and State Route 145

Street address: N/A

APN: 045-070-45S Parcel size: 158.38 Section(s)-Twp/Rg: S 14 - T 17S S/R 15E E

ADDITIONAL APN(s): _____

I, Phillip W. Hansen (signature), declare that I am the owner, or authorized representative of the owner, of the above described property and that the application and attached documents are in all respects true and correct to the best of my knowledge. The foregoing declaration is made under penalty of perjury.

Phillip W. Hansen	P.O. Box 398	Corcoran	93212	(559) 992-3111
Owner (Print or Type)	Address	City	Zip	Phone
IP Darden I, LLC c/o Intersect Power, LLC	9450 SW Gemini Drive PMB #68743	Beaverton, Oregon	97008-7105	
Applicant (Print or Type)	Address	City	Zip	Phone
Marisa Mitchell	9450 SW Gemini Drive PMB #68743	Beaverton, Oregon	97008-7105	(415) 846-0730
Representative (Print or Type)	Address	City	Zip	Phone

CONTACT EMAIL: marisa@intersectpower.com

OFFICE USE ONLY (PRINT FORM ON GREEN PAPER)

Application Type / No.:	Fee: \$
Application Type / No.:	Fee: \$
Application Type / No.:	Fee: \$
Application Type / No.:	Fee: \$
PER/Initial Study No.:	Fee: \$
Ag Department Review:	Fee: \$
Health Department Review:	Fee: \$
Received By: _____	Invoice No.: _____
TOTAL: \$	

UTILITIES AVAILABLE:

WATER: Yes ☒ / No ☐

Agency: Westlands Water District

SEWER: Yes ☐ / No ☒

Agency: N/A

STAFF DETERMINATION: This permit is sought under Ordinance Section:

Sect-Twp/Rg: _____ - T _____ S/R _____ E

Related Application(s): _____

APN # _____ - _____ - _____

APN # _____ - _____ - _____

Zone District: _____

APN # _____ - _____ - _____

Parcel Size: _____

APN # _____ - _____ - _____

**REQUIRED FINDINGS NECESSARY FOR GRANTING A
CONDITIONAL USE PERMIT APPLICATION
AS SPECIFIED IN ZONING ORDINANCE SECTION 873**

1. That the site of the proposed use is adequate in size and shape to accommodate said use and all yards, spaces, walls and fences, parking, loading, landscaping, and other features required by this Division, to adjust said use with land and uses in the neighborhood.
2. That the site for proposed use relates to streets and highways adequate in width and pavement type to carry the quantity and kind of traffic generated by the proposed use.
3. That the proposed use will have no adverse effect on abutting property and surrounding neighborhood or the permitted use thereof.
4. That the proposed development is consistent with the General Plan.

**REQUIREMENTS FOR SUBMITTING SITE PLANS TO THE
FRESNO COUNTY PUBLIC WORKS AND PLANNING
DEPARTMENT**

The purpose of the site (or plot) plan is to enable the Development Services Division to determine whether or not a proposed development conforms to Zoning Ordinance regulations. The requirements below are necessary to ensure proper and timely review based on complete information, and to prevent unnecessary delays in the processing of applications. Improper or incomplete site plans will not be accepted.

General Requirements

1. The plan must be drawn on a sheet having the following minimum dimensions:
 - 18" x 24" for CUPs and SPRs
 - 8.5" x 11" for Variances and DRAs
2. The plan must show the entire parcel of property described in the application. If only a portion of an existing parcel is to be developed, a key map shall be included showing the entire parcel.
3. The plan must be drawn to scale, and the scale must be clearly shown. (Scale should also be large enough to adequately show required information). Parking and circulation plans must be drawn to a scale of 1"= 30', 1/32= 1', or larger.
4. The plan shall be drawn so that north is at the top of the page and shall include a north arrow.
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ORDINANCE SECTION 877**

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2. Such variance is necessary for the preservation and enjoyment of a substantial property right of the applicant, which right is possessed by other property owners under like conditions in the vicinity having the identical zoning classification.
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 - All dimensions of off-street parking and loading areas.
 - The distance of all buildings and structures from property lines.
 - The distance between all buildings and structures.
10. Walls and fences: location, height and type of material.
11. Landscaping: location and type of plant material.
12. Pedestrian walkways: location, width and type of paving.
13. Existing wells and private sewage disposal systems.
14. Such other information as may be pertinent to the application.

From: Roark, Gabriel@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=ED87FF1E22CD49F3AAFF644C82538D46-ROARK, GABR]
Sent: 10/27/2023 6:39:46 PM
To: David, Travis@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=08b483b8d5464b41b536daf809eb1a0d-David, Trav]; Energy - GIS [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e6f8ddb65f0f4a3190ad863248c91580-Energy - GI]; Becky Moores [becky.moores@intersectpower.com]
CC: Paul, Patty@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e80858a895be44dd9639514e536e738e-Paul, Patri]; Camberos, Blanca@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9a468cc1041442469599fcd37b1744b6-9d3be3a1-fb]; Lopez, Liza@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=345b1484af3f4dd7ac5be835bb9c1c92-Lopez, Liza]
Subject: RE: Docketing GIS Data

Thank you, Travis. I am looping in Becky Moores with Intersect Power to this email. Please send Becky the KiteWorks link at becky.moores@intersectpower.com.

Gabriel

From: David, Travis@Energy <travis.david@energy.ca.gov>
Sent: Friday, October 27, 2023 11:28 AM
To: Roark, Gabriel@Energy <gabriel.roark@energy.ca.gov>; Energy - GIS <GIS@energy.ca.gov>
Subject: RE: Docketing GIS Data

Hi Gabriel, the efilng system does not allow GIS data to be submitted through it. I can send them an email request through Kiteworks CEC's secure data sharing platform. I will make sure the project manager and Cultural Resources Unit receive the data.

Will that work for you?

Travis David
 California Energy Commission
 916-477-1128

From: Roark, Gabriel@Energy <gabriel.roark@energy.ca.gov>
Sent: Friday, October 27, 2023 9:26 AM
To: Energy - GIS <GIS@energy.ca.gov>
Subject: Docketing GIS Data
Importance: High

Good morning,

The applicant for the Darden Clean Power Project is preparing to file their application today. They ask: How do applicants typically get their shapefile data to us when filing an application?

I ask: Through the eFiling system or zipped files to you or the PM?

Thanks!

Gabriel Roark, M.A.

Supervisor, Cultural Resources Unit

Assistant Tribal Liaison

Siting, Transmission, and Environmental Protection Division

California Energy Commission

916-237-2544 (mobile)

www.energy.ca.gov

(he/him/his)

From: NAHC@NAHC [NAHC@nahc.ca.gov]
Sent: 10/16/2023 9:46:31 PM
To: Roark, Gabriel@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ed87ff1e22cd49f3aaff644c82538d46-Roark, Gabr]
CC: Vela, Cameron@NAHC [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3343ea68cd834083975c901d9011f4a3-NAHCCameron]
Subject: RE: Request - Darden Clean Energy Project, Fresno County
Attachments: 20231012DardenNAHCRequestCEC.pdf

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello,

Thank you for your message. We're in receipt of your request. We have recently hired new staff, and this change in our office is creating some delays. We estimate a turn-around time of 4 weeks and don't anticipate responding sooner than the end of that time frame. Please let us know if you have any questions.

Kind regards,

Native American Heritage Commission

1550 Harbor Blvd, Suite 100
 West Sacramento, CA 95691
 (916) 373-3710

From: Roark, Gabriel@Energy <gabriel.roark@energy.ca.gov>
Sent: Thursday, October 12, 2023 9:42 AM
To: NAHC@NAHC <NAHC@nahc.ca.gov>
Cc: Hitchcock, Raymond@NAHC <Raymond.Hitchcock@nahc.ca.gov>
Subject: Request - Darden Clean Energy Project, Fresno County

Good morning,

The California Energy Commission will receive an application for the attached energy project on October 16 or 17, 2023. We are requesting a search of the Sacred Lands File and contact information for representatives of California Native American tribes in the vicinity of the proposed project. The attached PDF contains our request form, a summary project description, and map depicting the project location.

Please note that the applicant is submitting their application to the CEC under the Opt-in permitting program that Assembly Bills 205 and 209 created in the last year. The Opt-in legislation and implementing regulations require the CEC to initiate consultation with tribes within five days of determining the application to be complete. The CEC makes this determination within 30 days of receiving the application. To assist us with meeting our statutory obligations under the Opt-in program, we respectfully request expedited processing of this request. Feel free to email or call me if you have any questions about this request.

Sincerely,

Gabriel

Gabriel Roark, M.A.

Supervisor, Cultural Resources Unit

Assistant Tribal Liaison

Siting, Transmission, and Environmental Protection Division

California Energy Commission

916-237-2544 (mobile)

www.energy.ca.gov

(he/him/his)

Sacred Lands File & Native American Contacts List Request

Native American Heritage Commission

1550 Harbor Blvd, Suite 100

West Sacramento, CA 95691

916-373-3710

916-373-5471 – Fax

nahc@nahc.ca.gov

Information Below is Required for a Sacred Lands File Search

Project: Darden Clean Energy Project

County: Fresno

USGS Quadrangle Name: Lillis Ranch, Tres Picos Farms, Westside, San Joaquin

Township: See below **Range:** See below **Section(s):** See below

Company/Firm/Agency: California Energy Commission

Street Address: 715 P Street, 3rd Floor

City: Sacramento **Zip:** 95814

Phone: 916-237-2544

Fax: _____

Email: Gabriel.Roark@energy.ca.gov

Project Description:

For the project description, please see attached the attached page.

Public Land Survey System Location:

Lillis Ranch: T 17 S, R 14 E, Section 25; T 17 S, R 15 E, Section 30

Tres Picos Farms: T 17 S, R 15 E, Sections 13-16 and 19-21; T 17 S, R 16 E, Sections 17-18

Westside: T 17 S, R 16 E, Sections 10, 12, 16-17, and 21; T 17 S, R 17 E, Section 18;

T 16 S, R 16 E, Sections 34-36 San Joaquin: T 16 S, R 16 E, Sections 22, 25-27, 34-36

PROJECT DESCRIPTION

IP Darden I, LLC and Affiliates (applicant) propose to construct and operate the Darden Clean Energy Project on approximately 9,500 acres in western Fresno County. The applicant is submitting an application to the California Energy Commission (CEC) under the Opt-in permitting program that Assembly Bills 205 and 209 created in the last year. By statute, the CEC is required to initiate consultation with California Native American tribes on the California Native American Heritage Commission's contact list no later than five days after the CEC has determined the application to be complete. The CEC respectfully requests expedited processing of this request from the NAHC so that we can meet our statutory obligations under the Opt-in legislation.

The project consists of a 1,150-megawatt (MW) solar photovoltaic (PV) facility, an up to 4,600 megawatt-hour battery energy storage system (BESS), an up to 1,150-MW green hydrogen generator, a 34.5-500 kilovolt (kV) grid step-up substation, a 10- to 15-mile 500-kV generation intertie (gen-tie) line, and a 500-kV utility switching station. The project will interconnect to the existing Pacific Gas and Electric Company (PG&E) Los Banos-Midway #2 500-kV transmission line. The project would be located approximately 4 miles northwest of the community of Five Points, with the utility switchyard located 5 miles south of the community of Three Rocks on the west side of Interstate 5.





The solar PV facility will be made up of approximately 3,100,000 solar panels, inverter-transformer stations, and an electrical collection system, and would be located on approximately 9,000 acres of lands currently owned by Westlands Water District that will be purchased by IP Darden. The 500-kV gen-tie line will be sited within an approximate 200-foot easement on private lands. Following construction of the utility switchyard by IP Darden, ownership and operations would transfer to PG&E. The BESS would be capable of storing up to 1,150 MW of electricity for four hours (up to 4,600 MWh). The green hydrogen facility would be located on up to 225 acres and would consist of an electrolyzer, water treatment plant, and ancillary equipment. The electrolyzer would be powered by up to 1,150 MW of behind-the-meter renewable power generated by the solar facility and will be capable of producing up to 220 tonnes per day of pure, gaseous hydrogen.

("Affiliates" means IP Darden II, LLC, IP Darden III, LLC, IP Darden IV, LLC, IP Darden BESS I, LLC, IP Darden BESS II, LLC, IP Darden BESS III, LLC, IP Darden BESS IV, LLC, IP Darden I H2, LLC, IP Darden II H2, LLC, and IP Darden BAAH, LLC. IP Darden I, LLC and Affiliates are indirect subsidiaries of Intersect Power, LLC.)








**Darden Clean
Energy Project**
Fresno County, California





Project Components

-  Solar Facility
-  Utility Switchyard
-  Utility Switchyard Parcel
-  Gen-Tie Line ROW





Option 1

-  BESS
-  Green Hydrogen Facility
-  O&M Facilities
-  Step-Up Substation
-  Gen-Tie Line ROW Extension

Option 2

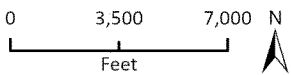
-  BESS
-  Green Hydrogen Facility
-  O&M Facilities
-  Step-Up Substation

Alternate Green Hydrogen Site

-  Green Hydrogen Facility
-  Green Hydrogen Substation
-  Green Hydrogen Switchyard
-  Green Hydrogen Parcels

CONFIDENTIAL

DRAFT



RINCON CONSULTANTS, INC.
Environmental Scientists | Planners | Engineers

From: Roark, Gabriel@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=ED87FF1E22CD49F3AAFF644C82538D46-ROARK, GABR]
Sent: 10/12/2023 4:41:32 PM
To: NAHC@NAHC [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c041746dfb0d4d86bbc9b2609b34a06c-NAHC]
CC: Hitchcock, Raymond@NAHC [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=0351d1864132451fa1e4a605c1ede874-NAHCRaymond]
Subject: Request - Darden Clean Energy Project, Fresno County
Attachments: 20231012DardenNAHCRequestCEC.pdf

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Assistant Tribal Liaison

Siting, Transmission, and Environmental Protection Division

California Energy Commission

916-237-2544 (mobile)

www.energy.ca.gov

(he/him/his)

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West Sacramento, CA 95691

916-373-3710

916-373-5471 – Fax

nahc@nahc.ca.gov

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Township: See below **Range:** See below **Section(s):** See below

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Street Address: 715 P Street, 3rd Floor

City: Sacramento **Zip:** 95814

Phone: 916-237-2544

Fax:

Email: Gabriel.Roark@energy.ca.gov

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T 16 S, R 16 E, Sections 34-36 San Joaquin: T 16 S, R 16 E, Sections 22, 25-27, 34-36

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



The solar PV facility will be made up of approximately 3,100,000 solar panels, inverter-transformer stations, and an electrical collection system, and would be located on approximately 9,000 acres of lands currently owned by Westlands Water District that will be purchased by IP Darden. The 500-kV gen-tie line will be sited within an approximate 200-foot easement on private lands. Following construction of the utility switchyard by IP Darden, ownership and operations would transfer to PG&E. The BESS would be capable of storing up to 1,150 MW of electricity for four hours (up to 4,600 MWh). The green hydrogen facility would be located on up to 225 acres and would consist of an electrolyzer, water treatment plant, and ancillary equipment. The electrolyzer would be powered by up to 1,150 MW of behind-the-meter renewable power generated by the solar facility and will be capable of producing up to 220 tonnes per day of pure, gaseous hydrogen.

("Affiliates" means IP Darden II, LLC, IP Darden III, LLC, IP Darden IV, LLC, IP Darden BESS I, LLC, IP Darden BESS II, LLC, IP Darden BESS III, LLC, IP Darden BESS IV, LLC, IP Darden I H2, LLC, IP Darden II H2, LLC, and IP Darden BAAH, LLC. IP Darden I, LLC and Affiliates are indirect subsidiaries of Intersect Power, LLC.)








**Darden Clean
Energy Project**
Fresno County, California





Project Components

-  Solar Facility
-  Utility Switchyard
-  Utility Switchyard Parcel
-  Gen-Tie Line ROW





Option 1

-  BESS
-  Green Hydrogen Facility
-  O&M Facilities
-  Step-Up Substation
-  Gen-Tie Line ROW Extension

Option 2

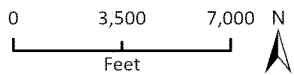
-  BESS
-  Green Hydrogen Facility
-  O&M Facilities
-  Step-Up Substation

Alternate Green Hydrogen Site

-  Green Hydrogen Facility
-  Green Hydrogen Substation
-  Green Hydrogen Switchyard
-  Green Hydrogen Parcels

CONFIDENTIAL

DRAFT



From: Becky Moores [becky.moores@intersectpower.com]
Sent: 11/6/2023 7:33:29 PM
To: David, Travis@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=08b483b8d5464b41b536daf809eb1a0d-David, Trav]
CC: Lindsey Sarquilla (Rincon) [lsarquilla@rinconconsultants.com]; Evelyn Langsdale [elangsdale@rinconconsultants.com]
Subject: RE: Question - FW: Shapefile Submission Allowed through e-Filing?

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Travis,

Glad that it worked to send the files in a message through Kiteworks rather than upload the files directly to the system. Since you were able to download the data we should be good.

Thanks again for your assistance on this.

Best,

Becky Moores
INTERSECT POWER
(c) 303.919.6735

From: David, Travis@Energy <travis.david@energy.ca.gov>
Sent: Monday, November 6, 2023 9:19 AM
To: Becky Moores <becky.moores@intersectpower.com>
Subject: RE: Question - FW: Shapefile Submission Allowed through e-Filing?

Good morning Becky, it looks like you were successful sending 23-OPT-02 Darden Biological Resources GIS Data through Kiteworks. Do you still need assistance with sending data? I believe the issue you indicated is because you need to select the 'Files' button and navigate to the data you want to send.

I received the data for SWHA_Active Nests, Species Observed, and JurisdictionalDelineation.

Let me know if you need any more Kiteworks file requests.

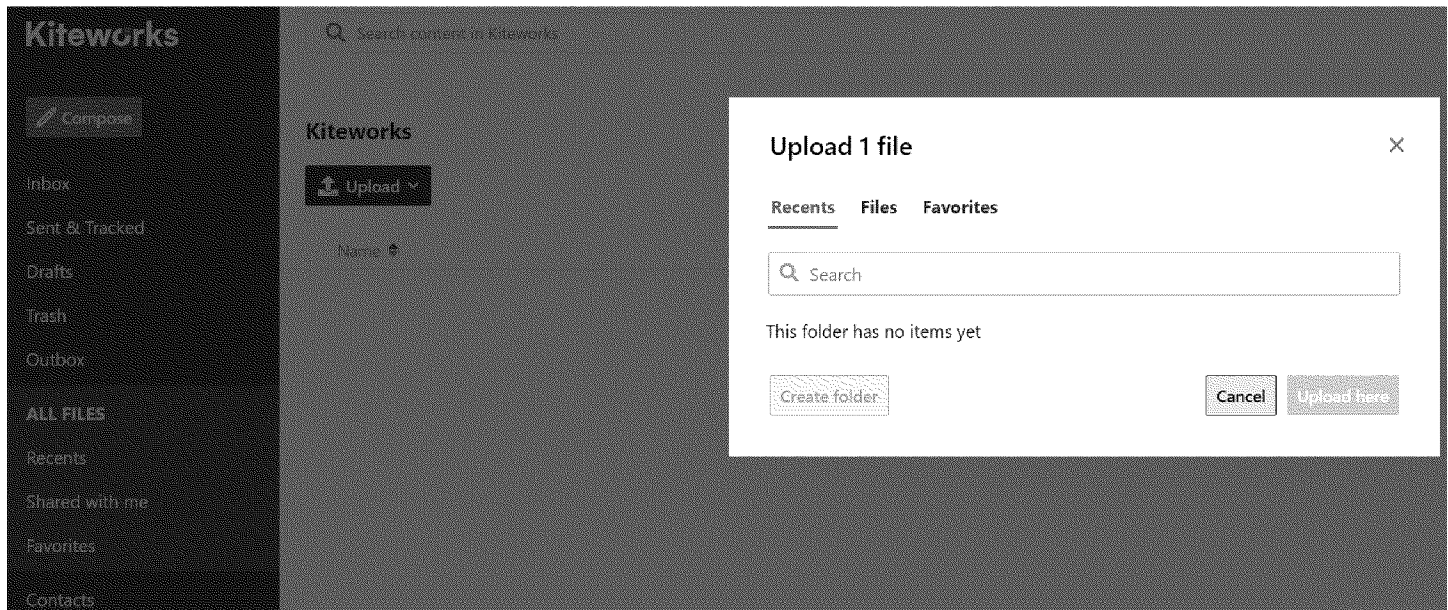
Travis David
California Energy Commission
916-477-1128

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Monday, November 6, 2023 6:35 AM
To: David, Travis@Energy <travis.david@energy.ca.gov>
Subject: RE: Question - FW: Shapefile Submission Allowed through e-Filing?

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Morning Travis,

I am trying to upload the files but am having issues. When I select the "Upload" button it opens a file search box, I select a file, and then the box comes up (shown in image below) and I have no option to create a new folder and there are no existing folders to choose, so the "Upload Here" box is grayed out and I cannot select anything. Please advise on what is needed to create a folder or otherwise for uploading the files. Thank you



Becky Moores
INTERSECT POWER
(c) 303.919.6735

From: Becky Moores
Sent: Saturday, November 4, 2023 9:30 AM
To: David, Travis@Energy <travis.david@energy.ca.gov>
Subject: RE: Question - FW: Shapefile Submission Allowed through e-Filing?

Please disregard. I was getting an error message but tried again and it worked. I have created an account and will get the files uploaded by Monday.

Thanks!

Becky Moores
INTERSECT POWER
(c) 303.919.6735

From: Becky Moores
Sent: Saturday, November 4, 2023 9:14 AM
To: 'David, Travis@Energy' <travis.david@energy.ca.gov>
Subject: RE: Question - FW: Shapefile Submission Allowed through e-Filing?

Hi Travis,

Can you please resend an invite to me to create a Kiteworks account. The last one expired on Friday, apologies for missing that date.

I will be uploading the biological GIS files on Monday to go with docketing of the final submittals of our opt-in application.

Thank you,

Becky Moores
INTERSECT POWER
(c) 303.919.6735

From: David, Travis@Energy <travis.david@energy.ca.gov>

Sent: Friday, October 27, 2023 1:01 PM

To: Becky Moores <becky.moores@intersectpower.com>; David, Travis@Energy <travis.david@energy.ca.gov>; Kerr, Steven@Energy <Steven.Kerr@energy.ca.gov>; Energy - GIS <GIS@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Cc: Camberos, Blanca@Energy <Blanca.Camberos@Energy.ca.gov>; Hong, Chester@Energy <Chester.Hong@energy.ca.gov>; Lopez, Liza@Energy <Liza.Lopez@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Payne, Leonidas@Energy <leonidas.payne@energy.ca.gov>; Energy - Docket Optical System <docket@energy.ca.gov>

Subject: RE: Question - FW: Shapefile Submission Allowed through e-Filing?

I'll be on the lookout for the GIS data, let me know if you need any additional Kiteworks data request emails.

Thanks,

Travis David
California Energy Commission
916-477-1128

From: Becky Moores <becky.moores@intersectpower.com>

Sent: Friday, October 27, 2023 11:59 AM

To: David, Travis@Energy <travis.david@energy.ca.gov>; Kerr, Steven@Energy <Steven.Kerr@energy.ca.gov>; Energy - GIS <GIS@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Cc: Camberos, Blanca@Energy <Blanca.Camberos@Energy.ca.gov>; Hong, Chester@Energy <Chester.Hong@energy.ca.gov>; Lopez, Liza@Energy <Liza.Lopez@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Payne, Leonidas@Energy <leonidas.payne@energy.ca.gov>; Energy - Docket Optical System <docket@energy.ca.gov>

Subject: RE: Question - FW: Shapefile Submission Allowed through e-Filing?

<p>CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.</p>

Hi Travis,

I received the email with the invite and link, thank you for coordinating that. We will be submitting the files next week. I will also plan to send an email to Ann and Lisa when those are uploaded through the Kiteworks system to keep them in the loop.

Thank you,

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(e) becky.moores@intersectpower.com

From: David, Travis@Energy <travis.david@energy.ca.gov>
Sent: Friday, October 27, 2023 12:14 PM
To: Kerr, Steven@Energy <Steven.Kerr@energy.ca.gov>; Energy - GIS <GIS@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>
Cc: Camberos, Blanca@Energy <Blanca.Camberos@Energy.ca.gov>; Hong, Chester@Energy <Chester.Hong@energy.ca.gov>; Lopez, Liza@Energy <Liza.Lopez@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Payne, Leonidas@Energy <leonidas.payne@energy.ca.gov>; Energy - Docket Optical System <docket@energy.ca.gov>
Subject: RE: Question - FW: Shapefile Submission Allowed through e-Filing?

Hi Becky , I'm a GIS specialist with the CEC. I can send you an email request from Kiteworks, CEC's secure file sharing platform for you to send Geographic Information System (GIS) data (shape and/or geodatabase files) for all data mapped for biological resources, and I will be sure it is received by the CEC project manager and Biological Resources Unit team. Let me know if either of those solutions work for you.

Travis David
 California Energy Commission
 916-477-1128

From: Kerr, Steven@Energy <Steven.Kerr@energy.ca.gov>
Sent: Friday, October 27, 2023 9:48 AM
To: David, Travis@Energy <travis.david@energy.ca.gov>; Energy - GIS <GIS@energy.ca.gov>
Cc: Camberos, Blanca@Energy <Blanca.Camberos@Energy.ca.gov>; Hong, Chester@Energy <Chester.Hong@energy.ca.gov>; Lopez, Liza@Energy <Liza.Lopez@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Payne, Leonidas@Energy <leonidas.payne@energy.ca.gov>; Energy - Docket Optical System <docket@energy.ca.gov>
Subject: RE: Question - FW: Shapefile Submission Allowed through e-Filing?

Hi Travis,

Can you help Becky with submitting large application files to us?

Thanks,

Steve Kerr
 Supervisor, Community Resources Unit
 Siting, Transmission, and Environmental
 Protection Branch
 916-891-9086
www.energy.ca.gov



From: Energy - Docket Optical System <docket@energy.ca.gov>
Sent: Friday, October 27, 2023 8:20 AM
To: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Kerr, Steven@Energy <Steven.Kerr@energy.ca.gov>
Cc: Camberos, Blanca@Energy <Blanca.Camberos@Energy.ca.gov>; Hong, Chester@Energy

<Chester.Hong@energy.ca.gov>; Lopez, Liza@Energy <Liza.Lopez@energy.ca.gov>

Subject: Question - FW: Shapefile Submission Allowed through e-Filing?

Importance: High

Hi Eric and Steven

We received the below email in the docket email.

Can you please respond to Becky.

Thank you,

Patty

From: Becky Moores <becky.moores@intersectpower.com>

Sent: Thursday, October 26, 2023 1:07 PM

To: Energy - Docket Optical System <docket@energy.ca.gov>

Cc: Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>; Evelyn Langsdale
<elangsdale@rinconconsultants.com>

Subject: Shapefile Submission Allowed through e-Filing?

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello,

Appendix B requires applicants to “provide Geographic Information System (GIS) data (shape and/or geodatabase files) for all data mapped for biological resources”. The e-filing system does not list shapefiles or geodatabase as acceptable file types. Can you please confirm if those file types are accepted by the system, or what the best alternative for submitting those files?

Thank you,

Becky Moores

Director, Environmental & Permitting

INTERSECT POWER

(c) 303.919.6735

(e) becky.moores@intersectpower.com

From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 11/13/2023 6:50:16 PM
To: Mat.Scroggins@waterboards.ca.gov; Coster, Lynn@Waterboards [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=40727eee7ecc43358146f3840a76982e-Waterboards]; christina.shupe@waterboards.ca.gov; Crader, Phillip@Waterboards [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7210c7994d3941d4a5501541b6a379f1-Waterboards]; James.Marshall@waterboards.ca.gov; Holmes, Kari@Waterboards [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a0ab0fbf0cf247d7b972c7581b88d2ce-Waterboards]
CC: Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; White, Adam@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d64512c47c48429dbdcf6845422b6bd1-74f7464f-8c]; Ackerman, James@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3cc35de240cf4253af9cc7d3d2cbb643-Ackerman, J]; Abulaban, Abdel-Karim@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c1ff1d38281a4068b2708271d22c0d94-Abulaban, A]
Subject: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for Water Boards MOU Coordination
Attachments: Darden_Notice of Receipt of Opt In Application_MOU_Agencies.pdf

Hello,

This email serves as notification of receipt of an Opt-in application under Public Resources Code 25519 for the proposed Darden Clean Energy Project (23-OPT-02). This project is proposed in unincorporated Fresno County. The attached letter outlines project information and your responsibilities under AB 205.

Adam White and James Ackerman will be your technical staff contacts for water resources. They will reach out to you and include any data requests you have of the applicant in our Data Completeness Letter that will be posted to the proceeding's docket. Abdel-Karim Abulaban (Karim) is the supervisor in the Geological Sciences Unit.

If you have any technical questions, please contact Adam and James. If you have questions about the project in general or about the Opt-in process, please contact me and Lisa Worrall, co-project manager.

This information should be provided within 15 days, per the MOUs, which falls on Saturday November 25, therefore a response by Wednesday November 22 is appreciated.

We appreciate your timely responses and look forward to coordinating with you as the evaluation moves forward.

Thank you,

Ann

Ann Crisp
Senior Environmental Planner
Siting, Transmission & Environmental Protection Division
California Energy Commission
715 P Street
Sacramento, CA 95814
Direct: (916) 776-7975
Fax: (916) 651-8868



From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 11/13/2023 6:53:37 PM
To: Coster, Lynn@Waterboards [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=40727eee7ecc43358146f3840a76982e-Waterboards]; christina.shupe@waterboards.ca.gov; Crader, Phillip@Waterboards [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7210c7994d3941d4a5501541b6a379f1-Waterboards]; James.Marshall@waterboards.ca.gov; Holmes, Kari@Waterboards [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a0ab0fbf0cf247d7b972c7581b88d2ce-Waterboards]; Scroggins, Matt@Waterboards [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c470ea493fb242f7ba5e9520bbdcef35-Waterboards]
CC: Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; White, Adam@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d64512c47c48429dbdcf6845422b6bd1-74f7464f-8c]; Ackerman, James@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3cc35de240cf4253af9cc7d3d2cbb643-Ackerman, J]; Abulaban, Abdel-Karim@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c1ff1d38281a4068b2708271d22c0d94-Abulaban, A]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for Water Boards MOU Coordination
Attachments: Darden_Notice of Receipt of Opt In Application_MOU_Agencies.pdf

Resending, due to not including Matt Scroggins correct email on first round. Thanks! Ann

From: Crisp, Ann@Energy
Sent: Monday, November 13, 2023 10:50 AM
To: Mat.Scroggins@waterboards.ca.gov <Mat.Scroggins@waterboards.ca.gov>; Coster, Lynn@Waterboards <Lynn.Coster@Waterboards.ca.gov>; christina.shupe@waterboards.ca.gov <christina.shupe@waterboards.ca.gov>; Crader, Phillip@Waterboards <Phillip.Crader@waterboards.ca.gov>; James.Marshall@waterboards.ca.gov <James.Marshall@waterboards.ca.gov>; Holmes, Kari@Waterboards <kari.holmes@waterboards.ca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@energy.ca.gov>; White, Adam@Energy <Adam.White@energy.ca.gov>; Ackerman, James@Energy <james.ackerman@energy.ca.gov>; Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>
Subject: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for Water Boards MOU Coordination

Hello,

This email serves as notification of receipt of an Opt-in application under Public Resources Code 25519 for the proposed Darden Clean Energy Project (23-OPT-02). This project is proposed in unincorporated Fresno County. The attached letter outlines project information and your responsibilities under AB 205.

Adam White and James Ackerman will be your technical staff contacts for water resources. They will reach out to you and include any data requests you have of the applicant in our Data Completeness

Letter that will be posted to the proceeding's docket. Abdel-Karim Abulaban (Karim) is the supervisor in the Geological Sciences Unit.

If you have any technical questions, please contact Adam and James. If you have questions about the project in general or about the Opt-in process, please contact me and Lisa Worrall, co-project manager.

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We appreciate your timely responses and look forward to coordinating with you as the evaluation moves forward.

Thank you,

Ann

Ann Crisp
Senior Environmental Planner
Siting, Transmission & Environmental Protection Division
California Energy Commission
715 P Street
Sacramento, CA 95814
Direct: (916) 776-7975
Fax: (916) 651-8868



From: Coster, Lynn@Waterboards [Lynn.Coster@Waterboards.ca.gov]
Sent: 11/13/2023 8:43:20 PM
To: Ackerman, James@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3cc35de240cf4253af9cc7d3d2cbb643-Ackerman, J]; White, Adam@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d64512c47c48429dbdcf6845422b6bd1-74f7464f-8c]
CC: Scroggins, Matt@Waterboards [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c470ea493fb242f7ba5e9520bbdcef35-Waterboards]
Subject: FW: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for Water Boards MOU Coordination
Attachments: Darden_Notice of Receipt of Opt In Application_MOU_Agencies.pdf

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Hi Adam and James,

The attached document that was included with Ann Crisp's email indicates that the Water Board is required to provide information supporting the CEC's completeness determination via the "attached" data completeness worksheets and template for data requests, however, there are no attachments. Can you please provide the worksheets?

Thank you,

Lynn Coster
 Senior Environmental Scientist
 Storm Water / Water Quality Certifications / Irrigated Lands
 Central Valley Regional Water Quality Control Board
 (530) 224-2437

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Monday, November 13, 2023 10:54 AM
To: Coster, Lynn@Waterboards <Lynn.Coster@Waterboards.ca.gov>; Shupe, Christina@Waterboards <Christina.Shupe@Waterboards.ca.gov>; Crader, Phillip@Waterboards <Phillip.Crader@waterboards.ca.gov>; James.Marshall@waterboards.ca.gov; Holmes, Kari@Waterboards <kari.holmes@waterboards.ca.gov>; Scroggins, Matt@Waterboards <Matt.Scroggins@waterboards.ca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; White, Adam@Energy <Adam.White@Energy.ca.gov>; Ackerman, James@Energy <james.ackerman@energy.ca.gov>; Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for Water Boards MOU Coordination

EXTERNAL:

Resending, due to not including Matt Scroggins correct email on first round. Thanks! Ann

From: Crisp, Ann@Energy

Sent: Monday, November 13, 2023 10:50 AM

To: Mat.Scroggins@waterboards.ca.gov <Mat.Scroggins@waterboards.ca.gov>; Coster, Lynn@Waterboards <Lynn.Coster@Waterboards.ca.gov>; christina.shupe@waterboards.ca.gov <christina.shupe@waterboards.ca.gov>; Crader, Phillip@Waterboards <Phillip.Crader@waterboards.ca.gov>; James.Marshall@waterboards.ca.gov <James.Marshall@waterboards.ca.gov>; Holmes, Kari@Waterboards <kari.holmes@waterboards.ca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@energy.ca.gov>; White, Adam@Energy <Adam.White@energy.ca.gov>; Ackerman, James@Energy <james.ackerman@energy.ca.gov>; Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>

Subject: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for Water Boards MOU Coordination

Hello,

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If you have any technical questions, please contact Adam and James. If you have questions about the project in general or about the Opt-in process, please contact me and Lisa Worrall, co-project manager.

This information should be provided within 15 days, per the MOUs, which falls on Saturday November 25, therefore a response by Wednesday November 22 is appreciated.

We appreciate your timely responses and look forward to coordinating with you as the evaluation moves forward.

Thank you,

Ann

Ann Crisp

Senior Environmental Planner

Siting, Transmission & Environmental Protection Division

California Energy Commission

715 P Street

Sacramento, CA 95814

Direct: (916) 776-7975

Fax: (916) 651-8868





**CALIFORNIA
ENERGY COMMISSION**



November 13, 2023

Notice of Receipt of Opt-in Application for Darden Clean Energy Project (23-OPT-02)/
request for comments and information

This letter serves as notice pursuant to the California Energy Commission (CEC) Memorandums of Understanding (MOUs) with California Department of Fish and Wildlife (CDFW), Department of Toxic Substances Control (DTSC), and California State Water Resources Control Board and the California Regional Water Quality Control Boards (collectively, the Water Boards) that applicant IP Darden I LLC has requested that the CEC staff commence data completeness review of the Darden Clean Energy Project application. Files associated with the application were uploaded to the project docket (23-OPT-02) from November 3 through November 9, 2023. The associated fee for processing the application has been received by CEC. Based on the record present in the project docket, the effective filing date is confirmed as November 9, 2023. Pursuant to Public Resources Code, section 25545.4(a), CEC staff will review the application and the CEC's Executive Director will make a determination of completeness within 30 days of the submission of the application. The Executive Director will respond to the request for a completeness determination on or before December 11, 2023.

The project webpage can be accessed at the following link: <https://www.energy.ca.gov/powerplant/solar-photovoltaic-pv/darden-clean-energy-project>. The project webpage includes a box at the lower right which can be used to subscribe to the list serve and receive email notification when new documents are posted to the project's docket.

The entire application can be accessed at the following link: <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=23-OPT-02>. We have also attached the Project Description, since that's always a good starting point for any review. Given the number of individual documents involved, sharing this link to the docket constitutes sharing the application files. Please contact us if you have trouble accessing any documents.

The CEC staff is now conducting a "Data Completeness" review of the application using data completeness worksheets that track information required under Appendix B and data requests for any areas that are incomplete or require additional information, or a clarification of information is required.

Pursuant to the MOUs, your agency is obligated to provide information supporting the CEC staff's application completeness determination. This critical period is the opportunity that your agency has to ensure it has all the information it needs pursuant to the MOU, including the baseline data and proposed viable mitigation necessary to be able evaluate

the project, direct, indirect and cumulative impacts, and provide permit conditions for this application. Also, during this period you will need to make all data requests for this project through CEC staff (e.g. clarification of information, request for information. The data completeness worksheets and template for data requests are attached. The CEC staff in the areas of Biological Resources, Water Resources, and Hazards and Hazardous Materials will reach out to you to coordinate on the data completeness review by the CEC and MOU agencies and are copied in this email.

The following are the relevant language on your agency's obligations to provide information supporting the CEC's completeness determination pursuant to the MOUs. Here is the relevant language from the CDFW MOU: "Within 15 days of receipt of an opt-in application, CDFW will review the opt-in application to determine whether it contains all the information required to assess compliance with applicable California Fish and Wildlife Laws; CDFW will identify and notify Energy Commission staff in writing of any data deficiencies and discuss proposed studies or outstanding data necessary to correct such deficiencies."

The applicable language for Water boards is: "Within 15 days of receipt of the application for certification, Water Boards' staff will review the application for certification to determine whether it contains all the information required to apply for the following permits, if applicable: Waste Discharge Requirements, NPDES Permits, and/or a Section 401 Certification or Waiver from the Regional Board; and Water Boards' staff will identify and notify Energy Commission staff of any data deficiencies."

The applicable language for DTSC is: "DTSC staff will make best efforts to review the application of certification within 15 to 25 days to determine whether it contains all the information required for an assessment of the following and whether applicable: waste generation and storage standards, site remediation, and waste reduction requirements; DTSC staff will identify and notify Energy Commission staff of any data deficiencies."

Please fill in the relevant portions of the Data Completeness worksheets which correspond to the issues of interest to your agency and your permitting authorities. This information will be incorporated into the information shared with the applicant when we respond to their request for a completeness determination. In addition, please provide any other information consistent with the language from the MOUs copied above.

For CDFW and the Water Boards, this information should be provided within 15 days per the MOUs, which falls on Saturday November 25, therefore a response by Wednesday November 22 is appreciated.

For DTSC this information should be provided within 15-25 days per the MOU, which ranges from Saturday November 25 to Tuesday December 5.

We appreciate your timely responses and look forward to coordinating with you as the evaluation moves forward.

Ann Crisp
Project Manager
California Energy Commission

Ann.crisp@energy.ca.gov

Lisa Worrall
Co- Project Manager

Lisa.worrall@energy.ca.gov

From: Ackerman, James@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=3CC35DE240CF4253AF9CC7D3D2CBB643-ACKERMAN, J]
Sent: 11/14/2023 3:52:53 PM
To: Coster, Lynn@Waterboards [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=40727eee7ecc43358146f3840a76982e-Waterboards]
CC: Scroggins, Matt@Waterboards [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c470ea493fb242f7ba5e9520bbdcef35-Waterboards]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; White, Adam@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d64512c47c48429dbdcf6845422b6bd1-74f7464f-8c]
Subject: RE: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for Water Boards MOU Coordination
Attachments: Data Completeness Worksheets 2023_Darden_Water-Resources.docx; Data Requests COMPILED_Darden.docx

Lynn: Please find attached the water resource data completeness worksheets, as well as data request templates for the Darden Clean Energy Project.

Please contact me if you have any questions.

James Ackerman, PG #6493
 Engineering Geologist
 California Energy Commission
 Siting, Transmission and Environmental Protection Division
 Direct: (530) 878-4966
 Email: james.ackerman@energy.ca.gov



From: Coster, Lynn@Waterboards <Lynn.Coster@Waterboards.ca.gov>
Sent: Monday, November 13, 2023 12:43 PM
To: Ackerman, James@Energy <james.ackerman@energy.ca.gov>; White, Adam@Energy <Adam.White@Energy.ca.gov>
Cc: Scroggins, Matt@Waterboards <Matt.Scroggins@waterboards.ca.gov>
Subject: FW: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for Water Boards MOU Coordination

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Adam and James,

The attached document that was included with Ann Crisp's email indicates that the Water Board is required to provide information supporting the CEC's completeness determination via the "attached" data completeness worksheets and template for data requests, however, there are no attachments. Can you please provide the worksheets?

Thank you,

Lynn Coster
 Senior Environmental Scientist
 Storm Water / Water Quality Certifications / Irrigated Lands
 Central Valley Regional Water Quality Control Board
 (530) 224-2437

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Monday, November 13, 2023 10:54 AM
To: Coster, Lynn@Waterboards <Lynn.Coster@Waterboards.ca.gov>; Shupe, Christina@Waterboards <Christina.Shupe@Waterboards.ca.gov>; Crader, Phillip@Waterboards <Phillip.Crader@waterboards.ca.gov>; James.Marshall@waterboards.ca.gov; Holmes, Kari@Waterboards <kari.holmes@waterboards.ca.gov>; Scroggins, Matt@Waterboards <Matt.Scroggins@waterboards.ca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; White, Adam@Energy <Adam.White@Energy.ca.gov>; Ackerman, James@Energy <james.ackerman@energy.ca.gov>; Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for Water Boards MOU Coordination

EXTERNAL:

Resending, due to not including Matt Scroggins correct email on first round. Thanks! Ann

From: Crisp, Ann@Energy
Sent: Monday, November 13, 2023 10:50 AM
To: Mat.Scroggins@waterboards.ca.gov <Mat.Scroggins@waterboards.ca.gov>; Coster, Lynn@Waterboards <Lynn.Coster@Waterboards.ca.gov>; christina.shupe@waterboards.ca.gov <christina.shupe@waterboards.ca.gov>; Crader, Phillip@Waterboards <Phillip.Crader@waterboards.ca.gov>; James.Marshall@waterboards.ca.gov <James.Marshall@waterboards.ca.gov>; Holmes, Kari@Waterboards <kari.holmes@waterboards.ca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@energy.ca.gov>; White, Adam@Energy <Adam.White@energy.ca.gov>; Ackerman, James@Energy <james.ackerman@energy.ca.gov>; Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>
Subject: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for Water Boards MOU Coordination

Hello,

This email serves as notification of receipt of an Opt-in application under Public Resources Code 25519 for the proposed Darden Clean Energy Project (23-OPT-02). This project is proposed in unincorporated Fresno County. The attached letter outlines project information and your responsibilities under AB 205.

Adam White and James Ackerman will be your technical staff contacts for water resources. They will reach out to you and include any data requests you have of the applicant in our Data Completeness

Letter that will be posted to the proceeding's docket. Abdel-Karim Abulaban (Karim) is the supervisor in the Geological Sciences Unit.

If you have any technical questions, please contact Adam and James. If you have questions about the project in general or about the Opt-in process, please contact me and Lisa Worrall, co-project manager.

This information should be provided within 15 days, per the MOUs, which falls on Saturday November 25, therefore a response by Wednesday November 22 is appreciated.

We appreciate your timely responses and look forward to coordinating with you as the evaluation moves forward.

Thank you,

Ann

Ann Crisp

Senior Environmental Planner

Siting, Transmission & Environmental Protection Division

California Energy Commission

715 P Street

Sacramento, CA 95814

Direct: (916) 776-7975

Fax: (916) 651-8868



DATA ADEQUACY WORKSHEET

Technical Area: Complete _____ Incomplete _____
Water Resources Project: Darden Clean Energy Project Revision No. _____ Date: _____
 Project Manager: Ann Crisp & Lisa Worrall Docket: 23-OPT-02 Technical Staff: Adam White/
 James Ackerman
 Technical Senior: Abdel-Karim Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.			
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and			
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference;			
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect, and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation. Describe the approach, list or projection or a combination, used to develop the cumulative setting for the proposed project. Include any reference materials used such as general plan or other adopted local, regional, or statewide plan.			
Appendix B (g) (14) (A)	All the information required to apply for the following permits, if applicable, including:			
Appendix B (g) (14) (A) (i)	Waste Discharge Requirements; National Pollutant Discharge Elimination System Permit;			

DATA ADEQUACY WORKSHEET

Technical Area: Complete _____ Incomplete _____ **Water Resources** Project: Darden Clean Energy Project Revision No. _____ Date: _____
 Project Manager: Ann Crisp & Lisa Worrall Docket: 23-OPT-02 Technical Staff: Adam White/
 James Ackerman Technical Senior: Abdel-Karim Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	and/or a Section 401 Certification or Waiver from the appropriate Regional Water Quality Control Board (RWQCB);			
Appendix B (g) (14) (A) (ii)	Construction and Industrial Waste Discharge or Industrial Pretreatment permits from wastewater treatment agencies;			
Appendix B (g) (14) (A) (iii)	Nationwide Permits and/or Section 404 Permits from the U.S. Army Corps of Engineers; and			
Appendix B (g) (14) (A) (iv)	Underground Injection Control Permit(s) from the U.S. Environmental Protection Agency, California Division of Oil and Gas, and RWQCB.			
Appendix B (g) (14) (B)	A detailed description of the hydrologic setting of the project. The information shall include a narrative discussion and on maps at a scale of 1:24,000 (or appropriate scale approved by staff), describing the chemical and physical characteristics of the following nearby water bodies that may be affected by the proposed project:			
Appendix B (g) (14) (B) (i)	Ground water bodies and related geologic structures;			
Appendix B (g) (14) (B) (ii)	Surface water bodies;			
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones;			
Appendix B (g) (14) (B) (iv)	Flood control facilities (existing and proposed); and			
Appendix B (g) (14) (B) (v)	Groundwater wells within ½ mile if the project will include pumping.			

DATA ADEQUACY WORKSHEET

Complete _____ Incomplete _____
 Technical Area: **Water Resources** Project: Darden Clean Energy Project Revision No. _____ Date: _____
 Technical Staff: Adam White/
 James Ackerman
 Project Manager: Ann Crisp & Lisa Worrall Docket: 23-OPT-02 Technical Senior: Abdel-Karim Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (14) (C)	A description of the water to be used and discharged by the project. This information shall include:			
Appendix B (g) (14) (C) (i)	Source(s) of the primary and back-up water supplies and the rationale for their selection;			
Appendix B (g) (14) (C) (ii)	The expected physical and chemical characteristics of the source and discharge water(s) including identification of both organic and inorganic constituents before and after any project-related treatment. For source waters with seasonal variation, provide seasonal ranges of the expected physical and chemical characteristics. Provide copies of background material used to create this description (that is, laboratory analysis);			
Appendix B (g) (14) (C) (iii)	Average and maximum daily and annual water demand and waste water discharge for both the construction and operation phases of the project;			
Appendix B (g) (14) (C) (iv)	A detailed description of all facilities to be used in water conveyance (from primary source to the power plant site), water treatment, and wastewater discharge. Include a water mass balance diagram;			
Appendix B (g) (14) (C) (v)	For all water supplies intended for industrial uses to be provided from public or private water purveyors, a letter of intent or will-serve letter indicating that the purveyor is willing to serve the project, has adequate supplies available for the life of the project, and any conditions or restrictions under which water will be provided. If a will-serve letter or letter of intent cannot be			

DATA ADEQUACY WORKSHEET

Technical Area: Complete _____ Incomplete _____
Water Resources Project: Darden Clean Energy Project Revision No. _____ Date: _____
 Project Manager: Ann Crisp & Lisa Worrall Docket: 23-OPT-02 Technical Staff: Adam White/
 James Ackerman
 Technical Senior: Abdel-Karim Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	provided, identify the most likely water purveyor and discuss the necessary assurances from the water purveyor to serve the project;			
Appendix B (g) (14) (C) (vi)	For all water supplied which necessitates transfers and/or exchanges at any point, identify all parties and contracts/agreements involved, the primary source for the transfer and/or exchange water (that is, surface water, groundwater), and provide the status of all appropriate agencies' approvals for the proposed use, environmental impact analysis on the specific transfers or exchanges required to obtain the proposed supplies, a copy of any agency regulations that govern the use of the water, and an explanation of how the project complies with the agency regulation(s);			
Appendix B (g) (14) (C) (vii)	Provide water mass balance and heat balance diagrams for both average and maximum flows that include all process or ancillary water supplies and wastewater streams. Highlight any water conservation measures on the diagram and the amount that they reduce water demand; and			
Appendix B (g) (14) (C) (viii)	For all projects which have a discharge, provide a copy of the will-serve letter, permit or contract with the public or private entity that will be accepting the wastewater and contact storm water from the project. The letter, permit or contract, if possible, shall identify the discharge volumes and the chemical or physical characteristics under which the wastewater and contact storm water will be accepted.			

DATA ADEQUACY WORKSHEET

Complete _____ Incomplete _____
 Technical Area: **Water Resources** Project: Darden Clean Energy Project Revision No. _____ Date: _____
 Technical Staff: Adam White/
 James Ackerman
 Project Manager: Ann Crisp & Lisa Worrall Docket: 23-OPT-02 Technical Senior: Abdel-Karim Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	In the event that a will-serve letter, permit, or contract cannot be provided, identify the most likely wastewater/storm water entity and discuss why the applicant was unable to secure the necessary assurances to serve the project's wastewater/storm water needs. Also, discuss the term of the wastewater service to the project, whether the wastewater entity has adequate permit capacity for the volume of wastewater from the project and has adequate permit levels for the chemical/physical characteristics of the project's wastewater and storm water for the life of the project, and any issues or conditions/restrictions the wastewater entity may impose on the project.			
Appendix B (g) (14) (D)	Identify all project elements associated with stormwater drainage, including a description of the following:			
Appendix B (g) (14) (D) (i)	Monthly and seasonal precipitation and stormwater runoff and drainage patterns for the proposed site and surrounding area that may be affected by the project's construction and operation;			
Appendix B (g) (14) (D) (ii)	Drainage facilities and the design criteria used for the plant site and ancillary facilities, including but not limited to capacity of designed system, design storm, and estimated runoff;			
Appendix B (g) (14) (D) (iii)	All assumptions and calculations used to calculate runoff and to estimate changes in flow rates between pre- and post-construction; and			

DATA ADEQUACY WORKSHEET

Complete ☐ Incomplete ☐
 Technical Area: **Water Resources** Project: Darden Clean Energy Project Revision No. _____ Date: _____
 Technical Staff: Adam White/
 James Ackerman
 Project Manager: Ann Crisp & Lisa Worrall Docket: 23-OPT-02 Technical Senior: Abdel-Karim Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (14) (D) (iv)	A copy of applicable regional and local requirements regulating the drainage systems, and a discussion of how the project's drainage design complies with these requirements.			
Appendix B (g) (14) (E)	An impacts analysis of the proposed project on water resources and a discussion of conformance with water-related LORS and policy. This discussion shall include:			
Appendix B (g) (14) (E) (i)	The effects of project demand on the water supply and other users of this source, including, but not limited to, water availability for other uses during construction or after the power plant begins operation, consistency of the water use with applicable RWQCB basin plans or other applicable resource management plans, and any changes in the physical or chemical conditions of existing water supplies as a result of water use by the power plant;			
Appendix B (g) (14) (E) (ii)	If the project will pump groundwater, an estimation of aquifer drawdown based on a computer modeling study shall be conducted by a professional geologist and include the estimated drawdown on neighboring wells within 0.5 mile of the proposed well(s), any effects on the migration of groundwater contaminants, and the likelihood of any changes in existing physical or chemical conditions of groundwater resources shall be provided;			
Appendix B (g) (14) (iii)	The effects of construction activities and plant operation on water quality and to what extent			

DATA ADEQUACY WORKSHEET

Technical Area: Complete _____ Incomplete _____
Water Resources Project: Darden Clean Energy Project Revision No. _____ Date: _____
 Project Manager: Ann Crisp & Lisa Worrall Docket: 23-OPT-02 Technical Staff: Adam White/
 James Ackerman
 Technical Senior: Abdel-Karim Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	these effects could be mitigated by best management practices;			
Appendix B (g) (14) (iv)	If not using a zero liquid discharge project design for cooling and process waters, include the effects of the proposed wastewater disposal method on receiving waters, the feasibility of using pre-treatment techniques to reduce impacts, and beneficial uses of the receiving waters. Include an explanation why the zero liquid discharge process is "environmentally undesirable," or "economically unsound;"			
Appendix B (g) (14) (v)	If using fresh water, include a discussion of the cumulative impacts, alternative water supply sources and alternative cooling technologies considered as part of the project design. Include an explanation of why alternative water supplies and alternative cooling are "environmentally undesirable," or "economically unsound;"			
Appendix B (g) (14) (vi)	The effects of the project on the 100-year flood plain, flooding potential of adjacent lands or water bodies, or other water inundation zones; and			
Appendix B (g) (14) (vii)	All assumptions, evidence, references, and calculations used in the analysis to assess these effects.			
Appendix B (i) (1) (A)	Tables that identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix			

DATA ADEQUACY WORKSHEET

Technical Area: Complete _____ Incomplete _____
Water Resources

Project: Darden Clean Energy Project

Revision No. _____ Date: _____

Technical Staff: Adam White/
James Ackerman

Project Manager: Ann Crisp & Lisa Worrall

Docket: 23-OPT-02

Technical Senior: Abdel-Karim Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and			
Appendix B (i) (1) (B)	Tables that identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies that would have permit approval or enforcement authority, but for the exclusive authority of the Commission to certify sites and related facilities.			
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and provide the name of the official who will serve as a contact person for Commission staff.			
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the Commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.			

CULTURAL RESOURCES

In accordance with Appendix B (g) (2) (C) (iii), cultural documentation shall include "Copies of all new and updated DPR 523(A) forms. If a cultural resource may be impacted by the project, also include the appropriate DPR 523 detail form for each such resource."

New site records were provided for review in a document entitled: Confidential DPR Forms Pt1 20230111T150100. These sites were discovered by Stantec during a survey of the Fountain Wind Energy Project 4,463 Acre Project Site. The report citation listed throughout on each form is: Stantec 2019, Cultural Resources Inventory and Evaluation for the Kudu Solar Project, Kern County, California. This citation is incorrect and is very confusing to the reader of the new DPR 523 site record.

DR CUL-1. Please revise the report citation on all newly recorded sites to reflect the appropriate report and please provide copies of all new DPR 523 forms completed as part of the historic built environment survey required under Appendix B(g)(2)(C).

GEOLOGIC HAZARDS

DR GEO-1. Per Appendix B, (g) (17) (C) please provide a map and description of geologic resources of recreational, commercial, or scientific value which may be affected by the project. Include a discussion of the techniques used to identify and evaluate these resources.

DR GEO-2. Per Appendix B, (i) (1) (A) please provide tables that identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed.

DR GEO-3. Per Appendix B, (i) (1) (B) please provide tables that identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state, and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.

HAZARDS AND HAZARDOUS MATERIALS

DR HAZ-1. Per section 1704, (a) (3) (C), please provide copies of the following references that are not readily available online (for many the online link does not work):

- American Wind Energy Association (AWEA), 2020. Setbacks. Available online at: <https://www.awea.org/policy-and-issues/project-development/state-and-local-permitting/setbacks>. Accessed March 29, 2020.
- Bundesinstitut für Risikobewertung (BfR), 2015. The BfR has finalized its draft report for the reevaluation of glyphosate. BfR Communication No. 008/2015. February 4, 2015.
- Business Enterprise & Regulatory Reform (BERR). 2008. Onshore Wind: Shadow Flicker Available online at: <https://webarchive.nationalarchives.gov.uk/20081013125014/http://www.berr.gov.uk/whatwedo/energy/sources/renewables/planning/onshore-wind/shadow-flicker/page18736.html> Archived October 19, 2008; accessed June 19
- Cattin, R., S. Kunz, A. Heimo, G. Russi, M. Russi, and M. Tiefgraber, 2014. Wind Turbine Ice Throw Studies in the Swiss Alps. June 1, 2014. Available online at: https://www.researchgate.net/publication/228491358_Wind_turbine_ice_throw_studies_in_the_Swiss_Alps.
- Chief Medical Officer of Health (CMOH), 2010. The Potential Health Impact of Wind Turbines. May 2010. Available online at: http://health.gov.on.ca/en/common/ministry/publications/reports/wind_turbine/wind_turbine.pdf.
- deRoos et al., 2005. Cancer Incidence among Glyphosate-Exposed Pesticide Applicators in the Agricultural Health Study. Published in Environ Health Perspect. 2005 Jan; 113(1): 49–54
- International Agency for research on Cancer (IARC), 2015. IARC Monographs Volume 112: evaluation of five organophosphate insecticides and herbicides. March 20, 2015.
- Morgan, C., E. Bossanyi, and H. Seifert, 1998. Assessment of Safety Risks Arising from Wind Turbine Icing. April 2, 1998. Available online at: <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.584.6044&rep=rep1&type=pdf>.
- Smedley, P. L., and D. Kinniburgh, 2002. A Review of the Source, Behaviour and Distribution of Arsenic in Natural Waters. Applied Geochemistry 17:517–568. Available online at: 10.1016/S0883-2927(02)00018-5.
- Valavanidis, 2018. Glyphosate, the Most Widely Used Herbicide. Department of chemistry, national and Kapodistrian University of Athens, Greece. Published March 2018.

- Vaughn, D. J., 2006. Arsenic. Elements 2(2):71–75. Available online at: <https://doi.org/10.2113/gselements.2.2.71>. 2006.
- Wahl, D., and P. Giguere, 2006. Wind Application Engineering, GE Energy. Ice Shedding and Ice Throw – Risk and Mitigation. April 2006. Available online at: https://www.ge.com/content/dam/gepower-pgdp/global/en_US/documents/technical/ger/ger-4262-ice-shedding-ice-throw-risk-mitigation.pdf.

DR HAZ-2. [CEQA Example.] The use of pesticides (herbicides) is noted in several locations in Section 3.11.3, however only use glyphosate weed killers (herbicides) are specifically discussed. Please provide a list of all potential pesticides and herbicides that may be used for the Project.

- a. Provide information on Shasta County requirements for use, storage, and handling of herbicides, including glyphosate herbicides. Are permits required from the County for use of any of the potential herbicides to be used on the site?
- b. Are any other pesticides or herbicides going to be used onsite?

This email serves as notification of receipt of an Opt-in application under Public Resources Code 25519 for the proposed Darden Clean Energy Project (23-OPT-02). This project is proposed in unincorporated Fresno County. The attached letter outlines project information and your responsibilities under AB 205.

If you have any technical questions, please contact Mike. If you have questions about the project in general or about the Opt-in process, please contact me and Lisa Worrall, co-project manager.

We appreciate your timely responses and look forward to coordinating with you as the evaluation moves forward.

Ann

Ann Crisp
Senior Environmental Planner

Siting, Transmission & Environmental Protection Division
California Energy Commission
715 P Street
Sacramento, CA 95814
Direct: (916) 776-7975
Fax: (916) 651-8868



From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 11/13/2023 6:50:16 PM
To: Mat.Scroggins@waterboards.ca.gov; Coster, Lynn@Waterboards [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=40727eee7ecc43358146f3840a76982e-Waterboards]; christina.shupe@waterboards.ca.gov; Crader, Phillip@Waterboards [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7210c7994d3941d4a5501541b6a379f1-Waterboards]; James.Marshall@waterboards.ca.gov; Holmes, Kari@Waterboards [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a0ab0fbf0cf247d7b972c7581b88d2ce-Waterboards]
CC: Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; White, Adam@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d64512c47c48429dbdcf6845422b6bd1-74f7464f-8c]; Ackerman, James@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3cc35de240cf4253af9cc7d3d2cbb643-Ackerman, J]; Abulaban, Abdel-Karim@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c1ff1d38281a4068b2708271d22c0d94-Abulaban, A]
Subject: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for Water Boards MOU Coordination
Attachments: Darden_Notice of Receipt of Opt In Application_MOU_Agencies.pdf

Hello,

This email serves as notification of receipt of an Opt-in application under Public Resources Code 25519 for the proposed Darden Clean Energy Project (23-OPT-02). This project is proposed in unincorporated Fresno County. The attached letter outlines project information and your responsibilities under AB 205.

Adam White and James Ackerman will be your technical staff contacts for water resources. They will reach out to you and include any data requests you have of the applicant in our Data Completeness Letter that will be posted to the proceeding's docket. Abdel-Karim Abulaban (Karim) is the supervisor in the Geological Sciences Unit.

If you have any technical questions, please contact Adam and James. If you have questions about the project in general or about the Opt-in process, please contact me and Lisa Worrall, co-project manager.

This information should be provided within 15 days, per the MOUs, which falls on Saturday November 25, therefore a response by Wednesday November 22 is appreciated.

We appreciate your timely responses and look forward to coordinating with you as the evaluation moves forward.

Thank you,

Ann

Ann Crisp
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From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 11/16/2023 6:44:18 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Lindsey Sarquilla (Rincon) [lsarquilla@rinconconsultants.com]; Marisa Mitchell [marisa@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Darden Clean Energy Project (23-OPT-02) - question regarding project options

Hi Becky,

Staff is currently completing Data Completeness review. Under the project description section it discusses that there are two locations (Option 1 and 2 sites) being considered for the step-up substation and associated transmission lines, two locations (Option 1 and Option 2 sites) being considered for the BESS, and three locations being considered for the green hydrogen facility (Option 1 and Option 2 sites located within the solar facility and a 100 acre site west of Interstate 5).

For the purposes of review of the application and development of the project description we have the following questions:

- Can you confirm you wish staff to evaluate each of the options for the step-up substation, BESS, and green hydrogen facility as part of certification of the proposed project?
- It would appear that consideration of the hydrogen facility would be affected by Intersect being awarded funding under ARCHES. Is this correct? Have you been notified if you were successful in your efforts?

The Water Resources section notes that "Several options for brine disposal are currently being considered, including disposal via deep injection well, disposal by discharge to land, incorporating a zero-liquid discharge system that would produce solid waste for disposal, among others." Can you confirm you wish staff to evaluate all of these options for brine disposal? Also, what do you mean by "among others"?

Two of the three options require submitting applications for two different permits, the deep injection well option would require a permit from CalGEM (UIC permit) and the disposal via the discharge to land option would require a permit from the Water Board.

We want to make sure we don't have staff spending time on something that will not be part of the project for certification. We are fine with analyzing options, we just want to be clear on what we are to analyze.

Thank you for your confirmation of these details.

Ann

Ann Crisp

Senior Environmental Planner
 Siting, Transmission & Environmental Protection Division
 California Energy Commission
 715 P Street
 Sacramento, CA 95814
Direct: (916) 776-7975
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From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 11/13/2023 6:53:37 PM
To: Coster, Lynn@Waterboards [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=40727eee7ecc43358146f3840a76982e-Waterboards]; christina.shupe@waterboards.ca.gov; Crader, Phillip@Waterboards [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7210c7994d3941d4a5501541b6a379f1-Waterboards]; James.Marshall@waterboards.ca.gov; Holmes, Kari@Waterboards [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a0ab0fbf0cf247d7b972c7581b88d2ce-Waterboards]; Scroggins, Matt@Waterboards [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c470ea493fb242f7ba5e9520bbdcef35-Waterboards]
CC: Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; White, Adam@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d64512c47c48429dbdcf6845422b6bd1-74f7464f-8c]; Ackerman, James@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3cc35de240cf4253af9cc7d3d2cbb643-Ackerman, J]; Abulaban, Abdel-Karim@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c1ff1d38281a4068b2708271d22c0d94-Abulaban, A]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for Water Boards MOU Coordination
Attachments: Darden_Notice of Receipt of Opt In Application_MOU_Agencies.pdf

Resending, due to not including Matt Scroggins correct email on first round. Thanks! Ann

From: Crisp, Ann@Energy
Sent: Monday, November 13, 2023 10:50 AM
To: Mat.Scroggins@waterboards.ca.gov <Mat.Scroggins@waterboards.ca.gov>; Coster, Lynn@Waterboards <Lynn.Coster@Waterboards.ca.gov>; christina.shupe@waterboards.ca.gov <christina.shupe@waterboards.ca.gov>; Crader, Phillip@Waterboards <Phillip.Crader@waterboards.ca.gov>; James.Marshall@waterboards.ca.gov <James.Marshall@waterboards.ca.gov>; Holmes, Kari@Waterboards <kari.holmes@waterboards.ca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@energy.ca.gov>; White, Adam@Energy <Adam.White@energy.ca.gov>; Ackerman, James@Energy <james.ackerman@energy.ca.gov>; Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>
Subject: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for Water Boards MOU Coordination

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Letter that will be posted to the proceeding's docket. Abdel-Karim Abulaban (Karim) is the supervisor in the Geological Sciences Unit.

If you have any technical questions, please contact Adam and James. If you have questions about the project in general or about the Opt-in process, please contact me and Lisa Worrall, co-project manager.

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We appreciate your timely responses and look forward to coordinating with you as the evaluation moves forward.

Thank you,

Ann

Ann Crisp
Senior Environmental Planner
Siting, Transmission & Environmental Protection Division
California Energy Commission
715 P Street
Sacramento, CA 95814
Direct: (916) 776-7975
Fax: (916) 651-8868



From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 11/16/2023 9:30:14 PM
To: drandall@fresnocountyca.gov
CC: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Haws, Marichka@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=952e0b50c8ae422588958c273050b0b0-Haws, Maric]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]
Subject: Darden Clean Energy Project (23-OPT-02) Reaching out to Spanish language population in project area

Hi David,

I am helping Ann Crisp, the project manager for the Darden Clean Energy Project. I am the co-project manager. We have drafted a newspaper notice for the Fresno Bee to notify the public in the project area of the proposed project and how they can get more information about the project and provide comments or concerns.

We use US Census data to determine whether we should translate notices into other languages, based on the level of English fluency of the people in the project area. Based on the Census data, we will be translating notices into Spanish. We have not had success in finding a newspaper that can publish a Spanish language notice.

We were wondering what your policy or usual practice is regarding providing translation into other languages for CEQA-related notices. Do you have any suggestions on getting this information out to the Spanish language population? We are looking into radio and tv.

Thanks so much,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov



From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 11/15/2023 5:56:31 PM
To: Becky Moores [becky.moores@intersectpower.com]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Evelyn Langsdale [elangsdale@rinconconsultants.com]; Lindsey Sarquilla (Rincon) [lsarquilla@rinconconsultants.com]
Subject: RE: [EXT] Darden Clean Energy Project (23-OPT-02) Would like to have word files for Executive Summary and Project Description

Hi Becky,
 Hi Becky,

The 30 day review period has begun (Nov 11th) and a notice of receipt of the application have been send to the MOU agencies (CDFW, Water Boards, and DTSC) on day 3 (Nov 13th). We will send out notices of receipt of the application to local and other agencies, including the CPUC this week. Staff are reviewing the application and preparing the data completeness package. Day 30 is December 11th.

Kind regards,

Lisa

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Wednesday, November 15, 2023 7:27 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Evelyn Langsdale <elangsdale@rinconconsultants.com>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>
Subject: RE: [EXT] Darden Clean Energy Project (23-OPT-02) Would like to have word files for Executive Summary and Project Description

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Lisa and Ann,

Can you confirm if public notice has been released and if the 30-day review period has begun.

Thank you,

Becky Moores
 INTERSECT POWER
 (c) 303.919.6735

From: Lindsey Sarquilla <lsarquilla@rinconconsultants.com>
Sent: Monday, November 13, 2023 1:34 PM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>; Marisa Mitchell <marisa@intersectpower.com>
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Evelyn Langsdale <elangsdale@rinconconsultants.com>
Subject: RE: [EXT] Darden Clean Energy Project (23-OPT-02) Would like to have word files for Executive Summary and Project Description

Hi Lisa,

Please find word versions of the Executive Summary and Project Description sections attached. Let us know if you need anything more.

Thank you,

Lindsey Sarquilla, MESM, Sr. Supervising Environmental Planner

(She/Her/Hers)

805-869-1672 Direct

LSarquilla@rinconconsultants.com



Trusted | Fair | Transparent | Accountable | Disciplined | Entrepreneurial

Time Off Alert: 11/10, 12/22-1/2

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Sent: Monday, November 13, 2023 8:46 AM

To: Becky Moores <becky.moores@intersectpower.com>; Lindsey Sarquilla <lsarquilla@rinconconsultants.com>; Marisa Mitchell <marisa@intersectpower.com>

Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>

Subject: [EXT] Darden Clean Energy Project (23-OPT-02) Would like to have word files for Executive Summary and Project Description

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Hello all,

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Thanks so much,

Lisa Worrall

Senior Environmental Planner

California Energy Commission

Siting, Transmission and Environmental Protection Division

715 P Street, MS-40, Sacramento, CA 95814

Direct: (916) 661-8367

Email: lisa.worrall@energy.ca.gov



From: Becky Moores [becky.moores@intersectpower.com]
Sent: 11/15/2023 3:26:55 PM
To: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Evelyn Langsdale [elangsdale@rinconconsultants.com]; Lindsey Sarquilla (Rincon) [lsarquilla@rinconconsultants.com]
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 Time Off Alert: 11/10, 12/22-1/2

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Mitchell <marisa@intersectpower.com>

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Sent: 11/15/2023 6:14:43 PM
To: Becky Moores [becky.moores@intersectpower.com]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
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Hi Becky,

I recalculated the dates and day was Friday Nov 10 and day 3 was Sunday Nov 12th. We sent out the MOU letters on day 4 as day 3 was a weekend.

Thanks,

Lisa

From: Worrall, Lisa@Energy
Sent: Wednesday, November 15, 2023 9:57 AM
To: Becky Moores <becky.moores@intersectpower.com>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Evelyn Langsdale <elangsdale@rinconconsultants.com>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>
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Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Evelyn Langsdale <elangsdale@rinconconsultants.com>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>
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Time Off Alert: 11/10, 12/22-1/2

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Monday, November 13, 2023 8:46 AM
To: Becky Moores <becky.moores@intersectpower.com>; Lindsey Sarquilla <lsarquilla@rinconconsultants.com>; Marisa Mitchell <marisa@intersectpower.com>
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: [EXT] Darden Clean Energy Project (23-OPT-02) Would like to have word files for Executive Summary and Project Description

CAUTION: This email originated from outside of Rincon Consultants. Be cautious before clicking on any links, or opening any attachments, until you are confident that the content is safe .

Hello all,

It would be very helpful for us if we could get a word file of the Executive Summary and Project Description sections.

Thanks so much,

Lisa Worrall
Senior Environmental Planner
California Energy Commission

Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov



From: Randall , David A. [drandall@fresnocountyca.gov]
Sent: 11/15/2023 10:01:53 PM
To: Fooks, Brett@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=870df74143964b71ada0039bf13c5a9a-Fooks, Bret]
CC: Motta, Chris [CMotta@fresnocountyca.gov]
Subject: Darden Renewable Energy Project

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Brett,

Thank you for speaking with me today, and verifying that the State will be doing all the plan checking and building inspections, but will coordinate with the Fire District for review and comment on their issues.



David Randall | Senior Planner
Department of Public Works and Planning |
Development Services and Capital Projects Division
2220 Tulare St. 6th Floor Fresno, CA 93721
Main Office: (559) 600-4497 Direct: (559) 600-4052
[Your input matters! Customer Service Survey](#)

From: Qian, Wenjun@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4421BE8DF5F40EC851D73AFFCBFF913-QIAN, WENJU]
Sent: 11/14/2023 6:57:49 PM
To: Lorentzen, Wayne@DTSC [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=67ab2660d3724727a6074450f5a5e96d-DTSCWLorentz]; Koch, Lori@DTSC [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a3269442b99e4b6eac71ca1ce19d5078-DTSCCLKoch]; Ferouz, Muzhda@DTSC [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a5970a2c9e7942c19e64ec8ca6a4b057-DTSCMFerouz]
CC: Turner, Michael@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=935d0fc8d435418da34fd4251ff83a5a-Turner, Mic]; Hughes, Joseph@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7dd5e80572b644209e9607ba7bdc630-Hughes, Jos]; Fooks, Brett@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=870df74143964b71ada0039bf13c5a9a-Fooks, Bret]
Subject: RE: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for DTSC MOU Coordination

Hello,

Yesterday our project manager, Ann Crisp, sent the Notice of Receipt of Opt-In Application and Request for DTSC MOU Coordination for the Darden Clean Energy Project. As mentioned in Ann's email, Mike Turner will be your technical staff contact for Hazardous Materials. Joey Hughes is his supervisor. I'm acting for Joey while he is out. We are tasked to reach out to you to see if you have any comments on the project.

Please let us know if you have any questions.

Thanks.

Wenjun Qian, Ph.D., P.E.

Air Resources Engineer

California Energy Commission

715 P St, MS-46

Sacramento, CA 95814

Email: Wenjun.Qian@energy.ca.gov

Phone: 916-477-1339



From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>

Sent: Monday, November 13, 2023 10:57 AM

To: Lorentzen, Wayne@DTSC <Wayne.Lorentzen@dtsc.ca.gov>; Koch, Lori@DTSC <Lori.Koch@dtsc.ca.gov>; Ferouz, Muzhda@DTSC <Muzhda.Ferouz@dtsc.ca.gov>

Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>; Turner, Michael@Energy <Michael.Turner@Energy.ca.gov>; Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>

Subject: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for DTSC MOU Coordination

Hello,

This email serves as notification of receipt of an Opt-in application under Public Resources Code 25519 for the proposed Darden Clean Energy Project (23-OPT-02). This project is proposed in unincorporated Fresno County. The attached letter outlines project information and your responsibilities under AB 205.

Mike Turner will be your technical staff contact for Hazardous Materials. He will reach out to you and include any data requests you have of the applicant in our Data Completeness Letter that will be posted to the proceeding's docket. Joey Hughes is his supervisor.

If you have any technical questions, please contact Mike. If you have questions about the project in general or about the Opt-in process, please contact me and Lisa Worrall, co-project manager.

This information should be provided within 15-25 days per the MOU, which ranges from Saturday November 25 to Tuesday December 5.

We appreciate your timely responses and look forward to coordinating with you as the evaluation moves forward.

Thank you,

Ann

Ann Crisp

Senior Environmental Planner

Siting, Transmission & Environmental Protection Division

California Energy Commission

715 P Street

Sacramento, CA 95814

Direct: (916) 776-7975

Fax: (916) 651-8868



From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 11/13/2023 11:22:25 PM
To: Bonner, Lawrence(Larry)@Wildlife [Lawrence.Bonner@Wildlife.ca.gov]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Vance, Julie@Wildlife [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6520208b372048588fbfe79308ba3f9c-WildlifeJul]; Mulligan, Rhiannon@Wildlife [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a62a013861764f1e8556eaf023a2cc94-WildlifeRhi]; Tomlinson, Krista@Wildlife [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=0b9c5c6ec182444e9150d634cfda0969-WildlifeKri]
CC: Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; Watson, Carol@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=84e32d50c7dc47d89812b468a50090ed-Watson, Car]; Stroud, Andrea@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9703ce11dc9547c78c64f22894500b5c-Martine, An]; Hilliard, Jon@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=27a838bfda534669858cb8cf13dd12a4-Hilliard, J]; Vang, Jim@Wildlife [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=32237e96460546779116e0d64096b692-WildlifeJim]; Maher, Lani@Wildlife [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5dd1ddd3656b47ad999ed889a3382664-WildlifeLan]
Subject: RE: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for CDFW MOU Coordination

Thank you for that update Larry. We appreciate that and we look forward to working with you all on this project under AB 205.

From: Bonner, Lawrence(Larry)@Wildlife <Lawrence.Bonner@Wildlife.ca.gov>
Sent: Monday, November 13, 2023 3:20 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Vance, Julie@Wildlife <Julie.Vance@wildlife.ca.gov>; Mulligan, Rhiannon@Wildlife <Rhiannon.Mulligan@Wildlife.ca.gov>; Tomlinson, Krista@Wildlife <Krista.Tomlinson@wildlife.ca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Watson, Carol@Energy <Carol.Watson@energy.ca.gov>; Stroud, Andrea@Energy <Andrea.Stroud@energy.ca.gov>; Hilliard, Jon@Energy <jon.hilliard@energy.ca.gov>; Vang, Jim@Wildlife <Jim.Vang@wildlife.ca.gov>; Maher, Lani@Wildlife <Lani.Maher@Wildlife.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for CDFW MOU Coordination

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Hello Ann, et.al.,

Thank you for the official notification. This Project is assigned to Jim Vang, our CDFW Region 4 HabCon Renewable Energy Team Senior Specialist. I have included him in this message. Please do add Jim to any official contact lists for this Project so that he is able to receive pertinent information and meeting invitations directly and timely.

Others on our CDFW team will also be involved during the process. Jim and I will coordinate internally with our Management, Office of General Counsel, and others as needed during the process for this Project.

Thank you and looking forward to working with all of you on this Project under AB 205.

Larry E. Bonner | Senior Environmental Scientist (Supervisor) | California Department of Fish and Wildlife | Central Region Conservation & Renewable Energy Program | 1234 East Shaw Ave., Fresno, CA 93710 | (Mobile) 805-748-3624

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>

Sent: Monday, November 13, 2023 10:58 AM

To: Vance, Julie@Wildlife <Julie.Vance@wildlife.ca.gov>; Bonner, Lawrence(Larry)@Wildlife <Lawrence.Bonner@Wildlife.ca.gov>; Mulligan, Rhiannon@Wildlife <Rhiannon.Mulligan@Wildlife.ca.gov>; Tomlinson, Krista@Wildlife <Krista.Tomlinson@wildlife.ca.gov>

Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Watson, Carol@Energy <Carol.Watson@energy.ca.gov>; Stroud, Andrea@Energy <Andrea.Stroud@energy.ca.gov>; Hilliard, Jon@Energy <jon.hilliard@energy.ca.gov>

Subject: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for CDFW MOU Coordination

Some people who received this message don't often get email from ann.crisp@energy.ca.gov. [Learn why this is important](#)

WARNING: This message is from an external source. Verify the sender and exercise caution when clicking links or opening attachments.

Hello,

This email serves as notification of receipt of an Opt-in application under Public Resources Code 25519 for the proposed Darden Clean Energy Project (23-OPT-02). This project is proposed in unincorporated Fresno County. The attached letter outlines project information and your responsibilities under AB 205.

Carol Watson and Andrea Stroud will be your technical staff contacts for biological resources. They will reach out to you and include any data requests you have of the applicant in our Data Completeness Letter that will be posted to the proceeding's docket. Jon Hilliard is the supervisor for the Biological Resources Unit

If you have any technical questions, please contact Carol and Andrea. If you have questions about the project in general or about the Opt-in process, please contact me and Lisa Worrall, co-project manager.

This information should be provided within 15 days, per the MOUs, which falls on Saturday November 25, therefore a response by Wednesday November 22 is appreciated.

We appreciate your timely responses and look forward to coordinating with you as the evaluation moves forward.

Thank you,

Ann Crisp

Senior Environmental Planner

Siting, Transmission & Environmental Protection Division

California Energy Commission

715 P Street

Sacramento, CA 95814

Direct: (916) 776-7975

Fax: (916) 651-8868



From: Scroggins, Matt@Waterboards [Matt.Scroggins@waterboards.ca.gov]
Sent: 11/23/2023 2:51:33 AM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; White, Adam@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d64512c47c48429dbdcf6845422b6bd1-74f7464f-8c]; Ackerman, James@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3cc35de240cf4253af9cc7d3d2cbb643-Ackerman, J]; Abulaban, Abdel-Karim@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c1ff1d38281a4068b2708271d22c0d94-Abulaban, A]
Subject: RE: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for Water Boards MOU Coordination
Attachments: Data Completeness Worksheets 2023_Darden_Water-Resources.docx; Data Requests COMPILED_Darden.docx

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Hello,

Attached are comments from Central Valley Regional Water Quality Control Board staff concerning the Opt-In Application for the Darden Clean Energy Project. Feel free to contact me should you have any questions or need us to clarify anything.

Regards,
 -Matt

=====

MATTHEW S. SCROGGINS, P.E.
 SENIOR WATER RESOURCE CONTROL ENGINEER
 NPDES WASTEWATER PERMITTING/STORMWATER/DREDGE & FILL UNIT
 CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD (REGION 5) — FRESNO
 1685 "E" STREET
 FRESNO, CA 93706
 PHONE: 559-445-6042



From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Monday, November 13, 2023 10:54 AM
To: Coster, Lynn@Waterboards <Lynn.Coster@Waterboards.ca.gov>; Shupe, Christina@Waterboards <Christina.Shupe@Waterboards.ca.gov>; Crader, Phillip@Waterboards <Phillip.Crader@waterboards.ca.gov>; James.Marshall@waterboards.ca.gov; Holmes, Kari@Waterboards <kari.holmes@waterboards.ca.gov>; Scroggins, Matt@Waterboards <Matt.Scroggins@waterboards.ca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; White, Adam@Energy <Adam.White@Energy.ca.gov>; Ackerman, James@Energy <james.ackerman@energy.ca.gov>;

Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>

Subject: Re: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for Water Boards MOU Coordination

EXTERNAL:

Resending, due to not including Matt Scroggins correct email on first round. Thanks! Ann

From: Crisp, Ann@Energy

Sent: Monday, November 13, 2023 10:50 AM

To: Mat.Scroggins@waterboards.ca.gov <Mat.Scroggins@waterboards.ca.gov>; Coster, Lynn@Waterboards <Lynn.Coster@Waterboards.ca.gov>; christina.shupe@waterboards.ca.gov <christina.shupe@waterboards.ca.gov>; Crader, Phillip@Waterboards <Phillip.Crader@waterboards.ca.gov>; James.Marshall@waterboards.ca.gov <James.Marshall@waterboards.ca.gov>; Holmes, Kari@Waterboards <kari.holmes@waterboards.ca.gov>

Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@energy.ca.gov>; White, Adam@Energy <Adam.White@energy.ca.gov>; Ackerman, James@Energy <james.ackerman@energy.ca.gov>; Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>

Subject: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for Water Boards MOU Coordination

Hello,

This email serves as notification of receipt of an Opt-in application under Public Resources Code 25519 for the proposed Darden Clean Energy Project (23-OPT-02). This project is proposed in unincorporated Fresno County. The attached letter outlines project information and your responsibilities under AB 205.

Adam White and James Ackerman will be your technical staff contacts for water resources. They will reach out to you and include any data requests you have of the applicant in our Data Completeness Letter that will be posted to the proceeding's docket. Abdel-Karim Abulaban (Karim) is the supervisor in the Geological Sciences Unit.

If you have any technical questions, please contact Adam and James. If you have questions about the project in general or about the Opt-in process, please contact me and Lisa Worrall, co-project manager.

This information should be provided within 15 days, per the MOUs, which falls on Saturday November 25, therefore a response by Wednesday November 22 is appreciated.

We appreciate your timely responses and look forward to coordinating with you as the evaluation moves forward.

Thank you,

Ann

Ann Crisp

Senior Environmental Planner

Siting, Transmission & Environmental Protection Division

California Energy Commission

715 P Street

Sacramento, CA 95814

Direct: (916) 776-7975

Fax: (916) 651-8868



DATA ADEQUACY WORKSHEET

Technical Area: Complete _____ Incomplete _____
Water Resources
 Project: Darden Clean Energy Project
 Revision No. _____ Date: _____
 Technical Staff: Adam White/
 James Ackerman
 Project Manager: Ann Crisp & Lisa Worrall
 Docket: 23-OPT-02
 Technical Senior: Abdel-Karim Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.			
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and			
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference;			
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect, and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation. Describe the approach, list or projection or a combination, used to develop the cumulative setting for the proposed project. Include any reference materials used such as general plan or other adopted local, regional, or statewide plan.			
Appendix B (g) (14) (A)	All the information required to apply for the following permits, if applicable, including:			
Appendix B (g) (14) (A) (i)	Waste Discharge Requirements; National Pollutant Discharge Elimination System Permit;		No	The proposed Project identifies three wastewater streams that will be generated during Project

DATA ADEQUACY WORKSHEET

Complete _____ Incomplete _____
 Technical Area: **Water Resources** Project: Darden Clean Energy Project Revision No. _____ Date: _____
 Technical Staff: Adam White/
 James Ackerman
 Project Manager: Ann Crisp & Lisa Worrall Docket: 23-OPT-02 Technical Senior: Abdel-Karim Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	and/or a Section 401 Certification or Waiver from the appropriate Regional Water Quality Control Board (RWQCB);			operation: Domestic wastewater from onsite sinks/toilets, brine from the water quality treatment system, and liquid discharges from the electrolyzer process. The domestic wastewater will reportedly be permitted under the County of Fresno's Local Agency Management Plan. The brine wastewater will be discharged to pond(s) and it's unclear if the electrolyzer process discharge may also be discharged to land. To the extent that these waste streams (brine and electrolyzer process discharge) will be discharged to land, the project proponent must submit a Report of Waste Discharge for individual Waste Discharge Requirements (WDRs) pursuant to California Water Code 13260. See WB-Water-1 for further discussion.
Appendix B (g) (14) (A) (ii)	Construction and Industrial Waste Discharge or Industrial Pretreatment permits from wastewater treatment agencies;			
Appendix B (g) (14) (A) (iii)	Nationwide Permits and/or Section 404 Permits from the U.S. Army Corps of Engineers; and			
Appendix B (g) (14) (A) (iv)	Underground Injection Control Permit(s) from the U.S. Environmental Protection Agency, California Division of Oil and Gas, and RWQCB.			
Appendix B (g) (14) (B)	A detailed description of the hydrologic setting of the project. The information shall include a narrative discussion and on maps at a scale of 1:24,000 (or appropriate scale approved by staff), describing the chemical and physical characteristics of the following nearby water bodies that may be affected by the proposed project:			

DATA ADEQUACY WORKSHEET

Technical Area: Complete ☐ Incomplete ☐
Water Resources

Project: Darden Clean Energy Project

Revision No. ☐ Date: ☐

Technical Staff: Adam White/
James Ackerman

Project Manager: Ann Crisp & Lisa Worrall

Docket: 23-OPT-02

Technical Senior: Abdel-Karim Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (14) (B) (i)	Ground water bodies and related geologic structures;		No	Need to provide groundwater quality and groundwater depth/elevation information for the Shallow Zone/first encountered groundwater.
Appendix B (g) (14) (B) (ii)	Surface water bodies;			
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones;			
Appendix B (g) (14) (B) (iv)	Flood control facilities (existing and proposed); and			
Appendix B (g) (14) (B) (v)	Groundwater wells within ½ mile if the project will include pumping.			
Appendix B (g) (14) (C)	A description of the water to be used and discharged by the project. This information shall include:			
Appendix B (g) (14) (C) (i)	Source(s) of the primary and back-up water supplies and the rationale for their selection;			
Appendix B (g) (14) (C) (ii)	The expected physical and chemical characteristics of the source and discharge water(s) including identification of both organic and inorganic constituents before and after any project-related treatment. For source waters with seasonal variation, provide seasonal ranges of the expected physical and chemical characteristics. Provide copies of background material used to create this description (that is, laboratory analysis);		No	Application missing the expected physical and chemical characteristics of the proposed wastewater discharges.
Appendix B (g) (14) (C) (iii)	Average and maximum daily and annual water demand and waste water discharge for both the construction and operation phases of the project;			
Appendix B (g) (14) (C) (iv)	A detailed description of all facilities to be used in water conveyance (from primary source to		No	Application does not provide detailed description the wastewater containment/handling facilities.

DATA ADEQUACY WORKSHEET

Complete _____ Incomplete _____
 Technical Area: **Water Resources** Project: Darden Clean Energy Project Revision No. _____ Date: _____
 Technical Staff: Adam White/
 James Ackerman
 Project Manager: Ann Crisp & Lisa Worrall Docket: 23-OPT-02 Technical Senior: Abdel-Karim Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	the power plant site), water treatment, and wastewater discharge. Include a water mass balance diagram;			For example, Section 5.13.1.5 states that brine from the water quality treatment system " <i>may be placed in on-site settling ponds to separate salts from liquid.</i> " No detail on the construction of the ponds was provided (e.g., lined vs. unlined, liner type, liner permeability, etc.). Another example is in Section 2.1.7.2 of the Project Description where it indicates several options for brine disposal are being considered. Without knowing the proposed method and location of disposal, it is difficult to evaluate the potential water quality impact.
Appendix B (g) (14) (C) (v)	For all water supplies intended for industrial uses to be provided from public or private water purveyors, a letter of intent or will-serve letter indicating that the purveyor is willing to serve the project, has adequate supplies available for the life of the project, and any conditions or restrictions under which water will be provided. If a will-serve letter or letter of intent cannot be provided, identify the most likely water purveyor and discuss the necessary assurances from the water purveyor to serve the project;			
Appendix B (g) (14) (C) (vi)	For all water supplied which necessitates transfers and/or exchanges at any point, identify all parties and contracts/agreements involved, the primary source for the transfer and/or exchange water (that is, surface water, groundwater), and provide the status of all appropriate agencies' approvals for the proposed use, environmental impact analysis on the specific transfers or exchanges required to			

DATA ADEQUACY WORKSHEET

Complete _____ Incomplete _____
 Technical Area: **Water Resources** Project: Darden Clean Energy Project Revision No. _____ Date: _____
 Technical Staff: Adam White/
 James Ackerman
 Project Manager: Ann Crisp & Lisa Worrall Docket: 23-OPT-02 Technical Senior: Abdel-Karim Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	obtain the proposed supplies, a copy of any agency regulations that govern the use of the water, and an explanation of how the project complies with the agency regulation(s);			
Appendix B (g) (14) (C) (vii)	Provide water mass balance and heat balance diagrams for both average and maximum flows that include all process or ancillary water supplies and wastewater streams. Highlight any water conservation measures on the diagram and the amount that they reduce water demand; and			
Appendix B (g) (14) (C) (viii)	<p>For all projects which have a discharge, provide a copy of the will-serve letter, permit or contract with the public or private entity that will be accepting the wastewater and contact storm water from the project. The letter, permit or contract, if possible, shall identify the discharge volumes and the chemical or physical characteristics under which the wastewater and contact storm water will be accepted.</p> <p>In the event that a will-serve letter, permit, or contract cannot be provided, identify the most likely wastewater/storm water entity and discuss why the applicant was unable to secure the necessary assurances to serve the project's wastewater/storm water needs. Also, discuss the term of the wastewater service to the project, whether the wastewater entity has adequate permit capacity for the volume of wastewater from the project and has adequate permit levels for the chemical/physical</p>			

DATA ADEQUACY WORKSHEET

Technical Area: Complete _____ Incomplete _____
Water Resources Project: Darden Clean Energy Project Revision No. _____ Date: _____
 Project Manager: Ann Crisp & Lisa Worrall Docket: 23-OPT-02 Technical Staff: Adam White/
 James Ackerman
 Technical Senior: Abdel-Karim Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	characteristics of the project's wastewater and storm water for the life of the project, and any issues or conditions/restrictions the wastewater entity may impose on the project.			
Appendix B (g) (14) (D)	Identify all project elements associated with stormwater drainage, including a description of the following:			
Appendix B (g) (14) (D) (i)	Monthly and seasonal precipitation and stormwater runoff and drainage patterns for the proposed site and surrounding area that may be affected by the project's construction and operation;			
Appendix B (g) (14) (D) (ii)	Drainage facilities and the design criteria used for the plant site and ancillary facilities, including but not limited to capacity of designed system, design storm, and estimated runoff;			
Appendix B (g) (14) (D) (iii)	All assumptions and calculations used to calculate runoff and to estimate changes in flow rates between pre- and post-construction; and			
Appendix B (g) (14) (D) (iv)	A copy of applicable regional and local requirements regulating the drainage systems, and a discussion of how the project's drainage design complies with these requirements.			
Appendix B (g) (14) (E)	An impacts analysis of the proposed project on water resources and a discussion of conformance with water-related LORS and policy. This discussion shall include:			
Appendix B (g) (14) (E) (i)	The effects of project demand on the water supply and other users of this source, including, but not limited to, water availability for other uses during construction or after the power plant begins operation, consistency of the water			

DATA ADEQUACY WORKSHEET

Technical Area: Complete ☐ Incomplete ☐ **Water Resources** Project: Darden Clean Energy Project Revision No. ☐ Date: ☐
 Project Manager: Ann Crisp & Lisa Worrall Docket: 23-OPT-02 Technical Staff: Adam White/
 James Ackerman Technical Senior: Abdel-Karim Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	use with applicable RWQCB basin plans or other applicable resource management plans, and any changes in the physical or chemical conditions of existing water supplies as a result of water use by the power plant;			
Appendix B (g) (14) (E) (ii)	If the project will pump groundwater, an estimation of aquifer drawdown based on a computer modeling study shall be conducted by a professional geologist and include the estimated drawdown on neighboring wells within 0.5 mile of the proposed well(s), any effects on the migration of groundwater contaminants, and the likelihood of any changes in existing physical or chemical conditions of groundwater resources shall be provided;			
Appendix B (g) (14) (iii)	The effects of construction activities and plant operation on water quality and to what extent these effects could be mitigated by best management practices;			
Appendix B (g) (14) (iv)	If not using a zero liquid discharge project design for cooling and process waters, include the effects of the proposed wastewater disposal method on receiving waters, the feasibility of using pre-treatment techniques to reduce impacts, and beneficial uses of the receiving waters. Include an explanation why the zero liquid discharge process is "environmentally undesirable," or "economically unsound;"			
Appendix B (g) (14) (v)	If using fresh water, include a discussion of the cumulative impacts, alternative water supply sources and alternative cooling technologies			

DATA ADEQUACY WORKSHEET

Technical Area: Complete _____ Incomplete _____
Water Resources Project: Darden Clean Energy Project Revision No. _____ Date: _____
 Project Manager: Ann Crisp & Lisa Worrall Docket: 23-OPT-02 Technical Staff: Adam White/
 James Ackerman
 Technical Senior: Abdel-Karim Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	considered as part of the project design. Include an explanation of why alternative water supplies and alternative cooling are "environmentally undesirable," or "economically unsound;"			
Appendix B (g) (14) (vi)	The effects of the project on the 100-year flood plain, flooding potential of adjacent lands or water bodies, or other water inundation zones; and			
Appendix B (g) (14) (vii)	All assumptions, evidence, references, and calculations used in the analysis to assess these effects.			
Appendix B (i) (1) (A)	Tables that identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and			
Appendix B (i) (1) (B)	Tables that identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies that would have permit approval or enforcement authority, but for the exclusive authority of the Commission to certify sites and related facilities.			

DATA ADEQUACY WORKSHEET

Complete _____ Incomplete _____
 Technical Area: **Water Resources** Project: Darden Clean Energy Project Revision No. _____ Date: _____
 Technical Staff: Adam White/
 James Ackerman
 Project Manager: Ann Crisp & Lisa Worrall Docket: 23-OPT-02 Technical Senior: Abdel-Karim Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and provide the name of the official who will serve as a contact person for Commission staff.			
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the Commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.			

WASTE MANAGEMENT

WB- Water-1:

Section 5.11.6, Table 5.11-5 identifies Jim Marshall as a contact for “*Water impacts, discharges, stormwater.*” Jim Marshall retired from the Water Board. The recommended contact information is as follows:

Phone: (559) 445-5116

Email: centralvalleyfresno@waterboards.ca.gov

WATER RESOURCES

WB- Water-1:

For the discharge(s) of wastewater to land from the water treatment system and electrolyzer process, the project proponent must apply for individual WDRs. To apply for individual WDRs, the project proponent must submit a complete Report of Waste Discharge (RWD) in accordance with California Water Code section 13260. Prior to commencing the discharge of wastewater to land, the discharger must satisfy the requirements in California Water Code section 13264 (i.e., submit a complete RWD, satisfy the CEQA), and either be issued WDRs or satisfy the timelines specified in 13264.

The RWD must include a completed Form 200 (see link below), the required application fee, and a technical report that provides the necessary information about the proposed discharge(s). Below is a general guidance document *“Technical Information for a Report of Waste Discharge for Discharges to Land in the WDR (Non-15) Program (Individual WDRs Only)”* that provides information for submitting a RWD for individual WDRs.

https://www.waterboards.ca.gov/publications_forms/forms/docs/form200.pdf



RWD Tech Info
Requirements (w CV)

WB- Water-2:

Section 5.13.1.1 states, *“Figure 5.13-3, below, portrays the depth to groundwater across the subbasin, showing that depth to groundwater is greatest along the foothills and decreases towards the valley floor; this is consistent with elevation changes and drainage patterns flowing towards the valley floor.”* Figure 5.13-3 is titled *“Depth to Groundwater.”* However, the inset caption in Figure 5.13-3 indicates that the figure shows elevation, not depth. After looking at the Westside Subbasin Groundwater Sustainability Plan (GSP) from which Figure 5.13-3 was obtained, the GSP figure depicts the ground surface elevation, not depth to groundwater or groundwater elevation. Figure 5.13-3 needs to be re-evaluated.

Section 5.13.1.1 also states *“The Project site is approximately centered within the subbasin, and the depth to groundwater underlying the solar facility site would be approximately 200 to 300 feet.”* This statement appears to be drawn from Figure 5.13-3, which as presented above appears to be incorrect. To the extent that various impact analyses were based on the apparent erroneous assumption that the depth to groundwater below the Project site is approximately 200-300 feet, those analyses need to be re-evaluated.

WB- Water-3:

While Figures 5.13-9a-9h identify groundwater wells within 0.5 mile of the Project site, the figures should indicate the well type (e.g., irrigation, domestic, etc.)

WB- Water-4:

Section 5.13.1.1, subsection entitled *Aquifer System Overview* needs to present groundwater depth and/or elevation information for the Shallow Zone/first encountered groundwater.

WB- Water-5:

Section 5.13.1.1, subsection entitled *Groundwater Quality* presents water quality information for the upper and lower aquifers, but does not present water quality information for the Shallow Zone/first encountered groundwater. Water quality information is needed for the Shallow Zone/first encountered groundwater.

WB- Water-6:

Section 5.13.7, Table 5.13-18 references the NPDES Statewide General Permit for Stormwater Discharges Associated with Construction and Land Disturbance Activities Order 2009-0009-DWQ. This is the incorrect Order number. The applicable permit is Order WQ 2022-0057-DWQ.

WB- Water-7:

Section 5.13.7, Table 5.13-18 indicates that the NPDES Statewide General Permit for Stormwater Discharges Associated with Industrial Activities (Industrial Stormwater Permit) is not applicable. Since the Project involves the production of hydrogen, the Industrial Stormwater Permit may be applicable, as hydrogen manufacturing is one of the industrial activities (Standard Industrial Classification Code 2813: Industrial Gases) covered by the Industrial Stormwater Permit. The Applicant indicates that *“The Project would not discharge to Waters of the US and is not subject to this permit.”* While the Project may not discharge directly to waters of the United States, any discharge to onsite drainage features (ag drainage ditches, canals, etc.) that may, at times, ultimately drain to a water of the United States would constitute a discharge to waters of the United States. The Applicant should reconsider whether the Industrial Stormwater Permit would apply to the green hydrogen facility.

From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 11/17/2023 7:52:11 PM
To: trevor.pratt@cpuc.ca.gov
CC: Hesters, Mark@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=adc98e7718ae442bab67f41b128d006-Hesters, Ma]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]
Subject: FW: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC
Attachments: Darden_Question to CPUC regarding necessity of CPCN.pdf

Hi Trevor,

I sent this email and attached letter on the proposed Darden Clean Energy Project (23-OPT-02) and was notified that she is out of the office and returning on Nov. 27th. I am hoping that you can take a look at this email below and attached letter while Elaine is out. We want to get clear confirmation as to whether the new transmission line will require a CPCN.

Let me and the project manager, Ann Crisp, know if you have any questions. I am the co-project manager.

Thanks so much,

Lisa Worrall
 Senior Environmental Planner
 California Energy Commission
 Siting, Transmission and Environmental Protection Division
 715 P Street, MS-40, Sacramento, CA 95814
 Direct: (916) 661-8367
 Email: lisa.worrall@energy.ca.gov



From: Sison-Lebrilla, Elaine <Elaine.Sison-Lebrilla@cpuc.ca.gov>
Sent: Friday, November 17, 2023 10:25 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Automatic reply: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello!

I'm OOO starting November 17th, returning November 27th. I will respond to your email when I return.

Regards,
Elaine Sison-Lebrilla
Program Manager, CEQA & FERC Branch
Energy Division
California Public Utilities Commission



**CALIFORNIA
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November 17, 2023

Notice of Receipt of Opt-in Application for Darden Clean Energy Project (23-OPT-02)/
Question regarding necessity of CPCN

Dear Elaine Sison-Lebrilla,

The purpose of this letter is to serve notice of the California Energy Commission's (CEC) receipt of an application for the proposed Darden Clean Energy Project, which is being processed under the CEC's new Opt-in licensing authority established by Assembly Bill (AB) 205 and the associated emergency regulations. AB 205 added sections 25545-25545.13 to the Public Resources Code, which expanded the CEC's existing power plant licensing authority by allowing specified clean energy projects to optionally seek consolidated permitting at the CEC by June 30, 2029.

To comply with Public Resources Code (PRC), section 25545.8, which states that certain subsections of PRC section 25519 are applicable to Opt-in applications, we need to know whether the CPUC believes that the proposed site and related facility will require a certificate of public convenience and necessity (CPCN). Under the Warren Alquist Act, PRC section 25518, the CPCN cannot be issued until the utility has first obtained a certificate from the CEC. The CEC is the lead agency under the California Environmental Quality Act for the Darden Clean Energy Project.

IP Darden I, LLC and Affiliates (Applicant) propose to construct and operate the Darden Clean Energy Project on approximately 9,500 acres in western Fresno County. The project consists of a 1,150 megawatt (MW) solar photovoltaic (PV) facility, an up to 4,600 megawatt-hour battery energy storage system (BESS), an up to 1,150 MW green hydrogen generator, a 34.5-500 kilovolt (kV) grid step-up substation, a 10- to 15-mile 500 kV generation intertie (gen-tie) line, and a 500 kV utility switching station. The project would interconnect to the existing Pacific Gas and Electric Company (PG&E) Los Banos-Midway #2 500 kV transmission line. The project would be located in an agricultural area of unincorporated Fresno County south of the community of Cantua Creek. Refer to the Project Description at the following website link for more project details: <https://efiling.energy.ca.gov/GetDocument.aspx?tn=252985&DocumentContentId=88135>

The applicant would construct the proposed 500 kV transmission line, step-up substation, and utility switchyard and then transfer these facilities to PG&E to own and operate. As a private company would be constructing these facilities, would a CPCN be necessary?

A Few Project Details

The project would interconnect into and bisect the PG&E Los Banos-Midway #2 line. Project elements include a 1,150 MWac (1,610 MWdc) solar PV facility, onsite step-up substation, a 10-to 15-mile 500 kV gen-tie line, BESS, and green hydrogen generator,

and PG&E owned utility switchyard. If the alternate site for the green hydrogen facility site is selected, the project would include construction and operation of a substation and switchyard.

CEC has set up a webpage for the project at the following link:
<https://www.energy.ca.gov/powerplant/solar-photovoltaic-pv/darden-clean-energy-project>

The documents which comprise the Opt-in application can be found in the project docket, which is accessible via the project webpage or directly at the following link:
<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=23-OPT-02>

The Executive Summary can be accessed directly at the following link:
<https://efiling.energy.ca.gov/GetDocument.aspx?tn=252984&DocumentContentId=88134>

Please consult the relevant materials and let us know the answer to whether you believe this project will need a CPCN at your earliest convenience. Thank you.

Ann Crisp
Project Manager
California Energy Commission

Lisa Worrall
Co-Project Manager

Ann.Crisp@energy.ca.gov

Lisa.Worrall@energy.ca.gov

From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 11/17/2023 6:22:55 PM
To: elaine.sison-lebrilla@cpuc.ca.gov
CC: Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; Hesters, Mark@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=adc98e7718ae442bab67f41b128d006-Hesters, Ma]; Edirisuriya, Sudath@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a5d6cd74e9024972b122d8344f69b3a8-Edirisuriya]
Subject: Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC
Attachments: Darden_Question to CPUC regarding necessity of CPCN.pdf

Hello Elaine,

This email serves as notification of receipt of an Opt-in application under Public Resources Code 25519 for the proposed Darden Clean Energy Project (23-OPT-02). This project is proposed in unincorporated Fresno County. The attached letter outlines project information and the reasons under AB 205 why we are contacting you.

If you have questions, please contact me and Ann Crisp, project manager.

We appreciate your timely responses and look forward to coordinating with you as the project moves forward.

Thank you,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov





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November 17, 2023

Notice of Receipt of Opt-in Application for Darden Clean Energy Project (23-OPT-02)/
Question regarding necessity of CPCN

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To comply with Public Resources Code (PRC), section 25545.8, which states that certain subsections of PRC section 25519 are applicable to Opt-in applications, we need to know whether the CPUC believes that the proposed site and related facility will require a certificate of public convenience and necessity (CPCN). Under the Warren Alquist Act, PRC section 25518, the CPCN cannot be issued until the utility has first obtained a certificate from the CEC. The CEC is the lead agency under the California Environmental Quality Act for the Darden Clean Energy Project.

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The applicant would construct the proposed 500 kV transmission line, step-up substation, and utility switchyard and then transfer these facilities to PG&E to own and operate. As a private company would be constructing these facilities, would a CPCN be necessary?

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and PG&E owned utility switchyard. If the alternate site for the green hydrogen facility site is selected, the project would include construction and operation of a substation and switchyard.

CEC has set up a webpage for the project at the following link:
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Please consult the relevant materials and let us know the answer to whether you believe this project will need a CPCN at your earliest convenience. Thank you.

Ann Crisp
Project Manager
California Energy Commission

Lisa Worrall
Co-Project Manager

Ann.Crisp@energy.ca.gov

Lisa.Worrall@energy.ca.gov

From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 11/17/2023 8:16:28 PM
To: NAHC@NAHC [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c041746dfb0d4d86bbc9b2609b34a06c-NAHC]
CC: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Roark, Gabriel@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ed87ff1e22cd49f3aaff644c82538d46-Roark, Gabr]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]
Subject: FW: Darden Clean Energy Project (23-OPT-02)- Notice of Receipt of Opt-in application for state, federal and other agencies
Attachments: Darden_All other agencies_Notice of Application Receipt.pdf

Hello,

Please see the email below and attached letter notifying State, Federal, and other agencies of the receipt of an Opt-in application for the proposed Darden Clean Energy Project (23-OPT-02).

Please let me and Ann Crisp, the project manager if you have any questions. I am the co-project manager

Thank you,

Lisa Worrall
 Senior Environmental Planner
 California Energy Commission
 Siting, Transmission and Environmental Protection Division
 715 P Street, MS-40, Sacramento, CA 95814
 Direct: (916) 661-8367
 Email: lisa.worrall@energy.ca.gov



From: Worrall, Lisa@Energy
Sent: Friday, November 17, 2023 10:44 AM
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@energy.ca.gov>
Subject: Darden Clean Energy Project (23-OPT-02)- Notice of Receipt of Opt-in application for state, federal and other agencies

Hello,

This email serves as notification of receipt of an Opt-in application under Public Resources Code 25519 for the proposed Darden Clean Energy Project (23-OPT-02). This project is proposed in unincorporated Fresno County. The attached letter outlines project information and the reasons under AB 205 why we are contacting you.

If you have questions, please contact me and Ann Crisp, project manager.

We appreciate your timely responses and look forward to coordinating with you as the project moves forward.

Thank you,

Lisa Worrall
Senior Environmental Planner
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715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov





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ENERGY COMMISSION**



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RESOURCES
AGENCY**

November 17, 2023

**Notice of Receipt of Opt-in Application for Darden Clean Energy Project (23-OPT-02)/
request for comments and information**

This letter serves as notification that the California Energy Commission (CEC) has received an Opt-in application for the Darden Clean Energy Project. IP Darden I, LLC and Affiliates (Applicant) propose to construct and operate the Darden Clean Energy Project on approximately 9,500 acres in western Fresno County. The project consists of a 1,150 megawatt (MW) solar photovoltaic (PV) facility, an up to 4,600 megawatt-hour battery energy storage system (BESS), an up to 1,150 MW green hydrogen generator, a 34.5-500 kilovolt (kV) grid step-up substation, a 10- to 15-mile 500 kV generation intertie (gen-tie) line, and a 500 kV utility switching station. The project would interconnect to the existing Pacific Gas and Electric Company (PG&E) Los Banos-Midway #2 500 kV transmission line. The project would be located in an agricultural area of unincorporated Fresno County south of the community of Cantua Creek. Refer to the Project Description at the following website link for more project details: <https://efiling.energy.ca.gov/GetDocument.aspx?tn=252985&DocumentContentId=88135>

In 2022, Assembly Bill 205 established a new Opt-in Certification program for eligible non-fossil-fueled power plants, energy storage, and manufacturing and assembly facilities to optionally seek certification through the CEC. Upon receipt of an application, the CEC has the exclusive authority to certify the site and related facility. With certain exceptions, the issuance of a certificate by the CEC is in lieu of any permit, certificate, or similar document required by any state, local, or regional agency, or federal agency to the extent permitted by federal law, and supersedes any applicable statute, ordinance, or regulation of any state, local, or regional agency, or federal agency to the extent permitted by federal law. The CEC is the lead agency under the California Environmental Quality Act and is required to prepare an environmental impact report for any facility that elects to opt into the CEC's jurisdiction.

The CEC provides the following notice pursuant to Public Resources Code (PRC) section 25545.8, which states that subsections (g) and (k) of PRC section 25519 apply to an Opt-in application. The relevant language from PRC section 25519 is as follows:

(g) The commission shall transmit a copy of the application to each federal and state agency having jurisdiction or special interest in matters pertinent to the proposed site and related facilities and to the Attorney General.

(k) The commission shall transmit a copy of the application to any governmental agency not specifically mentioned in this act, but which it finds has any information or interest in the proposed site and related facilities, and shall invite the comments and

recommendations of each agency. The commission shall request any relevant laws, ordinances, or regulations that an agency has promulgated or administered.

The CEC has set up a webpage for the project at the following link:
<https://www.energy.ca.gov/powerplant/solar-photovoltaic-pv/darden-clean-energy-project>

The documents which comprise the Opt-in application can be found in the project docket, which is accessible via the project webpage or directly at the following link:
<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=23-OPT-02>.

The Project Description can be accessed directly at the following link:
<https://efiling.energy.ca.gov/GetDocument.aspx?tn=252985&DocumentContentId=88135>

Pursuant to PRC section 25519(k), the CEC invites the comments and recommendations of your agency, and requests that you send us any relevant laws, ordinances, or regulations that your agency has promulgated or administered that are applicable to the proposed project.

To stay informed about this project and receive notice of upcoming public meetings, sign up to the project subscription, which can be accessed on the project webpage. Once enrolled, automatic email notifications are sent when documents and notices are posted to the project webpage.

Feel free to reach out to us directly via email if you have any questions about this notice. Thank you.

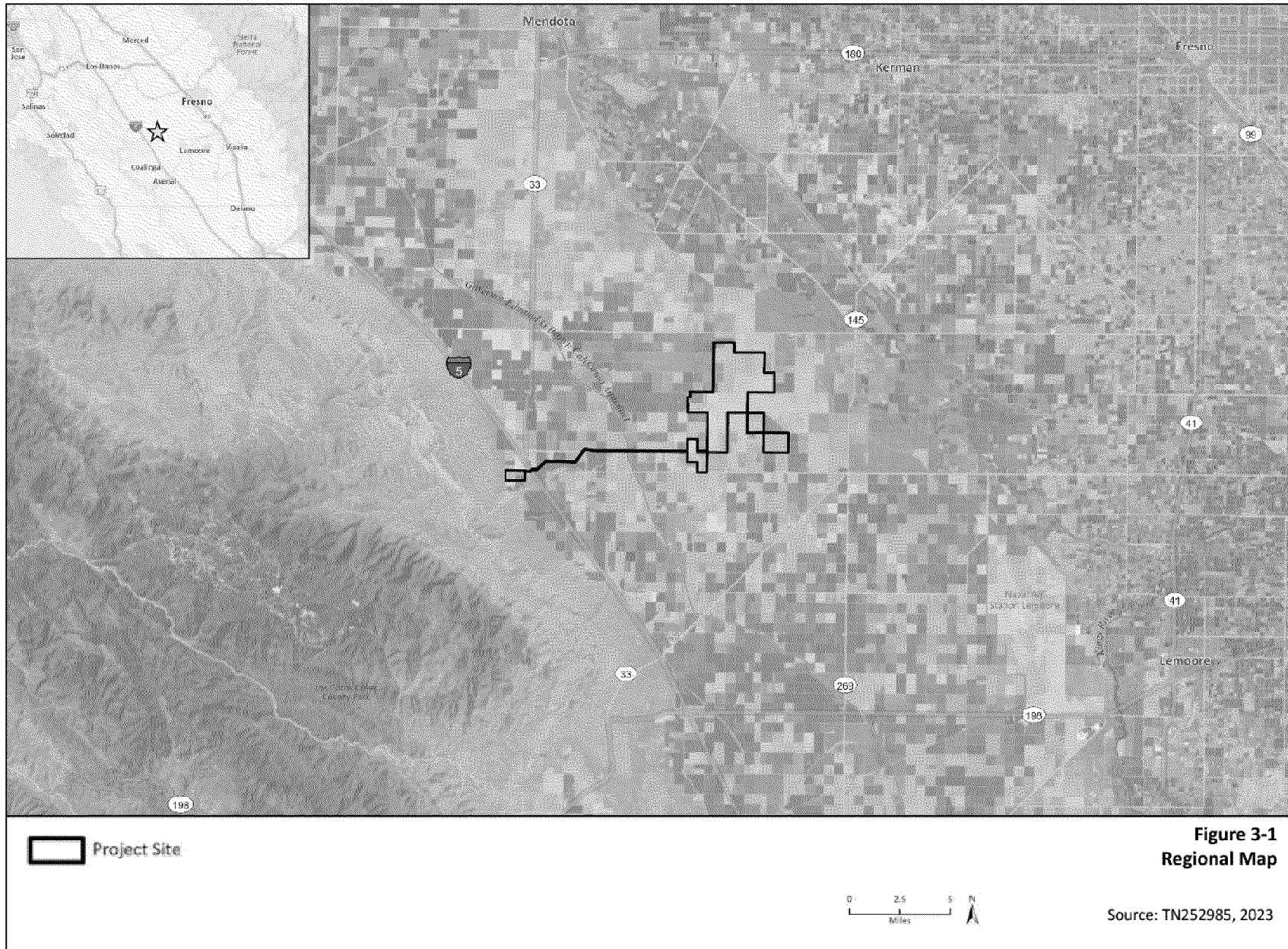
Ann Crisp
Project Manager
California Energy Commission

Lisa Worrall
Co-Project Manager

Ann.Crisp@energy.ca.gov

Lisa.Worrall@energy.ca.gov

Enclosure: Figure 3-1 Regional Map (from application Project Description)



From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 11/17/2023 7:54:31 PM
To: trevor.pratt@cpuc.ca.gov
CC: Hesters, Mark@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=adc98e7718ae442bab67f41b128d006-Hesters, Ma]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]
Subject: RE: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

Oops. Here is the email I sent to Elaine.

Hello Elaine,

This email serves as notification of receipt of an Opt-in application under Public Resources Code 25519 for the proposed Darden Clean Energy Project (23-OPT-02). This project is proposed in unincorporated Fresno County. The attached letter outlines project information and the reasons under AB 205 why we are contacting you.

If you have questions, please contact me and Ann Crisp, project manager.

We appreciate your timely responses and look forward to coordinating with you as the project moves forward.

Thank you,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov



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To: trevor.pratt@cpuc.ca.gov
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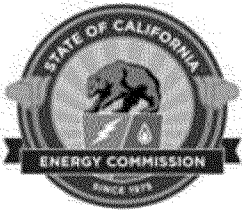
Hi Trevor,

I sent this email and attached letter on the proposed Darden Clean Energy Project (23-OPT-02) and was notified that she is out of the office and returning on Nov. 27th. I am hoping that you can take a look at this email below and attached letter while Elaine is out. We want to get clear confirmation as to whether the new transmission line will require a CPCN.

Let me and the project manager, Ann Crisp, know if you have any questions. I am the co-project manager.

Thanks so much,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov



From: Sison-Lebrilla, Elaine <Elaine.Sison-Lebrilla@cpuc.ca.gov>

Sent: Friday, November 17, 2023 10:25 AM

To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Subject: Automatic reply: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

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Hello!

I'm OOO starting November 17th, returning November 27th. I will respond to your email when I return.

Regards,
Elaine Sison-Lebrilla
Program Manager, CEQA & FERC Branch
Energy Division
California Public Utilities Commission

From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 11/18/2023 12:15:25 AM
To: Henriquez, Roxanne [Roxanne.Henriquez@cpuc.ca.gov]; Pratt, Trevor [Trevor.Pratt@cpuc.ca.gov]
CC: Hesters, Mark@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=adc98e7718ae442babc67f41b128d006-Hesters, Ma]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; Sison-Lebrilla, Elaine [Elaine.Sison-Lebrilla@cpuc.ca.gov]; Peterson, Robert [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=user61c78af]
Subject: RE: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

Hi Roxanne,

Thank you for helping out. We really appreciate it.

Thanks,

Lisa Worrall
 Senior Environmental Planner
 California Energy Commission
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 Direct: (916) 661-8367
 Email: lisa.worrall@energy.ca.gov



From: Henriquez, Roxanne <Roxanne.Henriquez@cpuc.ca.gov>
Sent: Friday, November 17, 2023 4:14 PM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Pratt, Trevor <Trevor.Pratt@cpuc.ca.gov>
Cc: Hesters, Mark@Energy <Mark.Hesters@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Sison-Lebrilla, Elaine <Elaine.Sison-Lebrilla@cpuc.ca.gov>; Peterson, Robert <Robert.Peterson@cpuc.ca.gov>
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Hi Lisa,

We cannot guarantee that we'll have a response by Wednesday, November 29th, given that Trevor has other priorities and next week is a short week. I will work with Trevor and answer your questions in a timely manner.

Best,

Roxanne Henriquez | Program and Project Supervisor | Infrastructure Planning and CEQA
Energy Division | California Public Utilities Commission
Phone: (916) 894-5622

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Sent: Friday, November 17, 2023 2:31 PM

To: Pratt, Trevor <Trevor.Pratt@cpuc.ca.gov>

Cc: Hesters, Mark@Energy <Mark.Hesters@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Sison-Lebrilla, Elaine <Elaine.Sison-Lebrilla@cpuc.ca.gov>; Peterson, Robert <Robert.Peterson@cpuc.ca.gov>; Henriquez, Roxanne <Roxanne.Henriquez@cpuc.ca.gov>

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Hi Lisa,

I will do what I can while balancing my other responsibilities, however that is an extremely tight turnaround (only 6 business days) especially if you want a formal response.

-Trevor

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To: Pratt, Trevor <Trevor.Pratt@cpuc.ca.gov>

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Do you have a timeline for when you need our response back?

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Trevor Pratt
Senior CEQA Project Manager
California Public Utilities Commission

300 Capital Mall
Sacramento, CA 95814
(916) 894-5734

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Sent: Friday, November 17, 2023 11:52 AM

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Sent: 11/18/2023 12:14:05 AM
To: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Pratt, Trevor [Trevor.Pratt@cpuc.ca.gov]
CC: Hesters, Mark@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=adc98e7718ae442bab67f41b128d006-Hesters, Ma]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; Sison-Lebrilla, Elaine [Elaine.Sison-Lebrilla@cpuc.ca.gov]; Peterson, Robert [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=user61c78af]
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Sent: Friday, November 17, 2023 10:25 AM

To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Subject: Automatic reply: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello!

I'm OOO starting November 17th, returning November 27th. I will respond to your email when I return.

Regards,
Elaine Sison-Lebrilla
Program Manager, CEQA & FERC Branch
Energy Division
California Public Utilities Commission

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 11/21/2023 2:53:50 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Lindsey Sarquilla (Rincon) [lsarquilla@rinconconsultants.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - question regarding project options

Hi Becky,

Thank you for the additional information.

Talk soon,

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Friday, November 17, 2023 5:06 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) - question regarding project options

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Hello Ann,

Thanks for the outreach to clarify these details. Answers below.

- Project Component Locations – Please have your team evaluate all options presented for the step-up substation, BESS, and hydrogen facility (Option 1, Option 2, and Alternate Hydrogen Location). Our application materials present analysis for all three locations.
- Brine Disposal – at this time we are focusing on the zero liquid discharge option so you can focus your review for that one option.
- ARCHES – getting clarity on the final ARCHES plan is not a dependency for advancing Darden H2 permitting and planning. The timing of ARCHES clarity will lag Darden’s timeframe to be reviewed and deemed complete, but we have very high conviction that we will build H2 at this site, across a number of potential outcomes on the details of ARCHES. We are under a strict NDA with ARCHES but my executives have provided these points for a bit more clarity:
 - Intersect Power was identified as a Tier 1 project.
 - A Tier 1 project is one that has been allocated specific funds as part of the ARCHES proposal, while Tier 2 are projects that are part of the hub but will not be getting funds.
 - Final funding allocations have not yet been announced.
 - ARCHES’s intention is to formalize both Tier 1 and Tier 2 projects collectively under the ARCHES hub even if not getting federal funds.
 - ARCHES has explicitly stated that they do not anticipate that any projects will fall out during final negotiations with the DOE.

Thank you,

Becky Moores

Director, Environmental & Permitting

INTERSECT POWER

(c) 303.919.6735

(e) becky.moores@intersectpower.com

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>**Sent:** Thursday, November 16, 2023 1:44 PM**To:** Becky Moores <becky.moores@intersectpower.com>**Cc:** Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>; Marisa Mitchell <marisa@intersectpower.com>;

Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Subject: Darden Clean Energy Project (23-OPT-02) - question regarding project options

Hi Becky,

Staff is currently completing Data Completeness review. Under the project description section it discusses that there are two locations (Option 1 and 2 sites) being considered for the step-up substation and associated transmission lines, two locations (Option 1 and Option 2 sites) being considered for the BESS, and three locations being considered for the green hydrogen facility (Option 1 and Option 2 sites located within the solar facility and a 100 acre site west of Interstate 5).

For the purposes of review of the application and development of the project description we have the following questions:

- Can you confirm you wish staff to evaluate each of the options for the step-up substation, BESS, and green hydrogen facility as part of certification of the proposed project?
- It would appear that consideration of the hydrogen facility would be affected by Intersect being awarded funding under ARCHES. Is this correct? Have you been notified if you were successful in your efforts?

The Water Resources section notes that "Several options for brine disposal are currently being considered, including disposal via deep injection well, disposal by discharge to land, incorporating a zero-liquid discharge system that would produce solid waste for disposal, among others." Can you confirm you wish staff to evaluate all of these options for brine disposal? Also, what do you mean by "among others"?

Two of the three options require submitting applications for two different permits, the deep injection well option would require a permit from CalGEM (UIC permit) and the disposal via the discharge to land option would require a permit from the Water Board.

We want to make sure we don't have staff spending time on something that will not be part of the project for certification. We are fine with analyzing options, we just want to be clear on what we are to analyze.

Thank you for your confirmation of these details.

Ann

Ann Crisp

Senior Environmental Planner

Siting, Transmission & Environmental Protection Division

California Energy Commission

715 P Street

Sacramento, CA 95814

Direct: (916) 776-7975**Fax:** (916) 651-8868

From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 11/22/2023 9:35:00 PM
To: Becky Moores [becky.moores@intersectpower.com]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Subject: RE: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

Hi Becky,

Thanks for that response.

Lisa

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Wednesday, November 22, 2023 1:34 PM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

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Hi Lisa,

I'll circle up with my team and get a response to you on Monday.

Moving forward, please do not include Marisa Mitchell on emails.

Thank you and Happy Thanksgiving!

Becky Moores
 INTERSECT POWER
 (c) 303.919.6735

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Wednesday, November 22, 2023 2:28 PM
To: Becky Moores <becky.moores@intersectpower.com>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>; Marisa Mitchell <marisa@intersectpower.com>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>; White, Adam@Energy <Adam.White@Energy.ca.gov>; Ackerman, James@Energy <james.ackerman@energy.ca.gov>
Subject: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

Hi Becky,

Regarding your statement "at this time we are focusing on the zero liquid discharge option so you can focus your review for that one option," we want to make sure that if another brine disposal method is selected we have all the information we need on that method. As several options for brine disposal are discussed, we would want a statement put in the docket to note the selection of the zero liquid discharge option as soon as possible.

If you don't feel ready to make such a statement in the record, let us know and we can review all options until such time you select one or not. Until a statement is submitted to the docket, staff will continue to review all discharge options listed in the application.

Thanks,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov



From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 11/20/2023 7:40:37 PM
To: jshaw@fresnocountyca.gov
CC: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Haws, Marichka@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=952e0b50c8ae422588958c273050b0b0-Haws, Maric]
Subject: Darden Clean Energy Project (23-OPT-02)- Translation practices in Fresno County

Hi Jeremy,

I was wondering what your practices are for providing translated notices for CEQA notification. We will be posting a notice in English in the Fresno Bee to notify area population and any interested persons, but cannot find a Spanish language newspaper where we can post the translated notice.

It is helpful to know what the local jurisdiction does for alternative language notification.

Thanks for your help,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov



From: Becky Moores [becky.moores@intersectpower.com]
Sent: 11/18/2023 1:06:43 AM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Lindsey Sarquilla (Rincon) [lsarquilla@rinconconsultants.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: RE: Darden Clean Energy Project (23-OPT-02) - question regarding project options

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Hello Ann,

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Thank you,

Becky Moores

Director, Environmental & Permitting

INTERSECT POWER

(c) 303.919.6735

(e) becky.moores@intersectpower.com

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Thursday, November 16, 2023 1:44 PM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>; Marisa Mitchell <marisa@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Darden Clean Energy Project (23-OPT-02) - question regarding project options

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Thank you for your confirmation of these details.

Ann

Ann Crisp

Senior Environmental Planner

Siting, Transmission & Environmental Protection Division

California Energy Commission

715 P Street

Sacramento, CA 95814

Direct: (916) 776-7975

Fax: (916) 651-8868



From: Fooks, Brett@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=870df74143964b71ada0039bf13c5a9a-Fooks, Bret]
Sent: 11/22/2023 1:06:32 AM
To: Lorentzen, Wayne@DTSC [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=67ab2660d3724727a6074450f5a5e96d-DTSCWLorentz]; Qian, Wenjun@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4421be8df5f40ec851d73affcbff913-Qian, Wenju]; Koch, Lori@DTSC [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a3269442b99e4b6eac71ca1ce19d5078-DTSCCLKoch]; Ferouz, Muzhda@DTSC [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a5970a2c9e7942c19e64ec8ca6a4b057-DTSCMFerouz]
CC: Turner, Michael@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=935d0fc8d435418da34fd4251ff83a5a-Turner, Mic]; De Pont, Rebecca@DTSC [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e72adb2a6bda4aac88c297aca76f25f9-DTSCRDePont]; Hughes, Joseph@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7dd5e80572b644209e9607ba7bdc630-Hughes, Jos]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for DTSC MOU Coordination

Afternoon Wayne,

Thank you for getting back in touch with the CEC. Please let us know if you require any additional information that hasn't been included in the application or need anything from myself.

Regards,

Brett Fooks | Program Manager - Safety & Reliability Branch

Direct: 916.931.9603 | **Fax:** 916.654.3882

Brett.Fooks@energy.ca.gov



CALIFORNIA ENERGY COMMISSION

Siting, Transmission, and Environmental Protection Division

715 P Street, MS 46, Sacramento, CA, 95814

www.energy.ca.gov

From: Lorentzen, Wayne@DTSC <Wayne.Lorentzen@dtsc.ca.gov>
Sent: Tuesday, November 21, 2023 9:54 AM
To: Qian, Wenjun@Energy <Wenjun.Qian@energy.ca.gov>; Koch, Lori@DTSC <Lori.Koch@dtsc.ca.gov>; Ferouz, Muzhda@DTSC <Muzhda.Ferouz@dtsc.ca.gov>
Cc: Turner, Michael@Energy <Michael.Turner@Energy.ca.gov>; De Pont, Rebecca@DTSC <Rebecca.DePont@dtsc.ca.gov>; Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>; Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for DTSC MOU Coordination

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi, thank you, no questions yet. We are still reviewing and I've cc'd Rebecca who will be looking at it next.

Wayne Lorentzen, P.E.

Permitting Division Chief
 Hazardous Waste Management Program
 916-327-1194
wayne.lorentzen@dtsc.ca.gov
 Department of Toxic Substances Control
 1001 "I" Street, Sacramento, CA 95812-0806
 California Environmental Protection Agency



From: Qian, Wenjun@Energy <Wenjun.Qian@energy.ca.gov>

Sent: Tuesday, November 14, 2023 10:58 AM

To: Lorentzen, Wayne@DTSC <Wayne.Lorentzen@dtsc.ca.gov>; Koch, Lori@DTSC <Lori.Koch@dtsc.ca.gov>; Ferouz, Muzhda@DTSC <Muzhda.Ferouz@dtsc.ca.gov>

Cc: Turner, Michael@Energy <Michael.Turner@Energy.ca.gov>; Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>; Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>

Subject: RE: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for DTSC MOU Coordination

Hello,

Yesterday our project manager, Ann Crisp, sent the Notice of Receipt of Opt-In Application and Request for DTSC MOU Coordination for the Darden Clean Energy Project. As mentioned in Ann's email, Mike Turner will be your technical staff contact for Hazardous Materials. Joey Hughes is his supervisor. I'm acting for Joey while he is out. We are tasked to reach out to you to see if you have any comments on the project.

Please let us know if you have any questions.

Thanks.

Wenjun Qian, Ph.D., P.E.

Air Resources Engineer
 California Energy Commission
 715 P St, MS-46
 Sacramento, CA 95814
 Email: Wenjun.Qian@energy.ca.gov
 Phone: 916-477-1339



From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>

Sent: Monday, November 13, 2023 10:57 AM

To: Lorentzen, Wayne@DTSC <Wayne.Lorentzen@dtsc.ca.gov>; Koch, Lori@DTSC <Lori.Koch@dtsc.ca.gov>; Ferouz, Muzhda@DTSC <Muzhda.Ferouz@dtsc.ca.gov>

Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>; Turner, Michael@Energy <Michael.Turner@Energy.ca.gov>; Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>

Subject: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for DTSC MOU Coordination

Hello,

This email serves as notification of receipt of an Opt-in application under Public Resources Code 25519 for the proposed Darden Clean Energy Project (23-OPT-02). This project is proposed in unincorporated Fresno County. The attached letter outlines project information and your responsibilities under AB 205.

Mike Turner will be your technical staff contact for Hazardous Materials. He will reach out to you and include any data requests you have of the applicant in our Data Completeness Letter that will be posted to the proceeding's docket. Joey Hughes is his supervisor.

If you have any technical questions, please contact Mike. If you have questions about the project in general or about the Opt-in process, please contact me and Lisa Worrall, co-project manager.

This information should be provided within 15-25 days per the MOU, which ranges from Saturday November 25 to Tuesday December 5.

We appreciate your timely responses and look forward to coordinating with you as the evaluation moves forward.

Thank you,

Ann

Ann Crisp
Senior Environmental Planner
Siting, Transmission & Environmental Protection Division
California Energy Commission
715 P Street
Sacramento, CA 95814
Direct: (916) 776-7975
Fax: (916) 651-8868



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Sent: 11/21/2023 5:54:34 PM
To: Qian, Wenjun@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4421be8df5f40ec851d73affcbff913-Qian, Wenju]; Koch, Lori@DTSC [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a3269442b99e4b6eac71ca1ce19d5078-DTSCLKoch]; Ferouz, Muzhda@DTSC [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a5970a2c9e7942c19e64ec8ca6a4b057-DTSCMFerouz]
CC: Turner, Michael@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=935d0fc8d435418da34fd4251ff83a5a-Turner, Mic]; De Pont, Rebecca@DTSC [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e72adb2a6bda4aac88c297aca76f25f9-DTSCRDePont]; Hughes, Joseph@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7dd5e80572b644209e9607ba7bdcdb630-Hughes, Jos]; Fooks, Brett@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=870df74143964b71ada0039bf13c5a9a-Fooks, Bret]
Subject: RE: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for DTSC MOU Coordination

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Hi, thank you, no questions yet. We are still reviewing and I've cc'd Rebecca who will be looking at it next.

Wayne Lorentzen, P.E.

Permitting Division Chief

Hazardous Waste Management Program

916-327-1194

wayne.lorentzen@dtsc.ca.gov

Department of Toxic Substances Control

1001 "I" Street, Sacramento, CA 95812-0806

California Environmental Protection Agency



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Cc: Turner, Michael@Energy <Michael.Turner@Energy.ca.gov>; Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>; Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>

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contact for Hazardous Materials. Joey Hughes is his supervisor. I'm acting for Joey while he is out. We are tasked to reach out to you to see if you have any comments on the project.

Please let us know if you have any questions.

Thanks.

Wenjun Qian, Ph.D., P.E.

Air Resources Engineer

California Energy Commission

715 P St, MS-46

Sacramento, CA 95814

Email: Wenjun.Qian@energy.ca.gov

Phone: 916-477-1339



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Sent: Monday, November 13, 2023 10:57 AM

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Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>; Turner, Michael@Energy <Michael.Turner@Energy.ca.gov>; Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>

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Siting, Transmission & Environmental Protection Division

California Energy Commission

715 P Street

Sacramento, CA 95814

Direct: (916) 776-7975

Fax: (916) 651-8868



From: Mel Adams [mel@intersectpower.com]
Sent: 11/17/2023 6:08:03 AM
To: Huber, Elizabeth@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=93f40660c3d446578d63390926fd5e5a-Huber, Eliz]; Luke Dunnington [luke@intersectpower.com]
CC: Foggie, Mineka@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d9464d93867849a18c9e97fecdbb9765-Foggie, Min]
Subject: Re: Darden and Beyond

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Hi Elizabeth,

Thank you! I'll work with Mineka on getting this meeting scheduled.

Hi Mineka,

It was nice to e-meet you. Let me know of Elizabeth's availabilities on the mentioned dates. I'll be on standby!

Best,
Mel Adams
 Executive Assistant
 INTERSECT POWER
 415.360.1274
 mel@intersectpower.com



From: Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov>
Sent: Thursday, November 16, 2023 9:48 PM
To: Luke Dunnington <luke@intersectpower.com>
Cc: Mel Adams <mel@intersectpower.com>; Foggie, Mineka@Energy <Mineka.Foggie@energy.ca.gov>
Subject: Re: Darden and Beyond

You don't often get email from elizabeth.huber@energy.ca.gov. [Learn why this is important](#)

Hi Luke,

Mineka will work with Mel to set something for Nov 30 or Dec 1. Or Dec 4 or 5 of the following week.

Thanks,
 Elizabeth

Get [Outlook for iOS](#)

From: Luke Dunnington <luke@intersectpower.com>
Sent: Thursday, November 16, 2023 10:48:00 AM
To: Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov>
Cc: Mel Adams <mel@intersectpower.com>
Subject: Darden and Beyond

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Elizabeth -

Great to meet you virtually on the 10/9 call with Chair Hochschild. Now that our Darden application has been submitted, I was hoping to connect with you directly to (i) share a briefing on Intersect Power, (ii) align on shared expectations and challenges to Darden's 2023 Deemed Complete and 2024 Approval goals, (iii) to share insight on current trends in our industry and (iv) give you transparency into the 9GW beyond Darden that we have coming.

I'd very much appreciate your perspective on (i) how our teams can best collaborate towards shared goals, (ii) challenges you see with the H2 component, and (iii) how we can most effectively advocate with Commissioners (we have an in-person with Comm. Gallardo on 12/6).

Is there a good time in the next few weeks to have lunch, meet for coffee, or meet at your offices? I'm happy to travel to wherever is most convenient for you. I've copied Mel to help find a date and time that aligns for you.

Best Regards, Luke

.....

Luke Dunnington

President / Co-Founder

INTERSECT POWER

(c) 510.421.1359

(e) luke@intersectpower.com

www.linkedin.com/in/lukedunnington1

From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 11/21/2023 4:00:00 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Lindsey Sarquilla (Rincon) [lsarquilla@rinconconsultants.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - question regarding project options

Hi Becky,

Thank you for the additional information.

Talk soon,

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Friday, November 17, 2023 5:06 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) - question regarding project options

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Hello Ann,

Thanks for the outreach to clarify these details. Answers below.

- Project Component Locations – Please have your team evaluate all options presented for the step-up substation, BESS, and hydrogen facility (Option 1, Option 2, and Alternate Hydrogen Location). Our application materials present analysis for all three locations.
- Brine Disposal – at this time we are focusing on the zero liquid discharge option so you can focus your review for that one option.
- ARCHES – getting clarity on the final ARCHES plan is not a dependency for advancing Darden H2 permitting and planning. The timing of ARCHES clarity will lag Darden’s timeframe to be reviewed and deemed complete, but we have very high conviction that we will build H2 at this site, across a number of potential outcomes on the details of ARCHES. We are under a strict NDA with ARCHES but my executives have provided these points for a bit more clarity:
 - Intersect Power was identified as a Tier 1 project.
 - A Tier 1 project is one that has been allocated specific funds as part of the ARCHES proposal, while Tier 2 are projects that are part of the hub but will not be getting funds.
 - Final funding allocations have not yet been announced.
 - ARCHES’s intention is to formalize both Tier 1 and Tier 2 projects collectively under the ARCHES hub even if not getting federal funds.
 - ARCHES has explicitly stated that they do not anticipate that any projects will fall out during final negotiations with the DOE.

Thank you,

Becky Moores

Director, Environmental & Permitting

INTERSECT POWER

(c) 303.919.6735

(e) becky.moores@intersectpower.com

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>**Sent:** Thursday, November 16, 2023 1:44 PM**To:** Becky Moores <becky.moores@intersectpower.com>**Cc:** Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>; Marisa Mitchell <marisa@intersectpower.com>;

Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Subject: Darden Clean Energy Project (23-OPT-02) - question regarding project options

Hi Becky,

Staff is currently completing Data Completeness review. Under the project description section it discusses that there are two locations (Option 1 and 2 sites) being considered for the step-up substation and associated transmission lines, two locations (Option 1 and Option 2 sites) being considered for the BESS, and three locations being considered for the green hydrogen facility (Option 1 and Option 2 sites located within the solar facility and a 100 acre site west of Interstate 5).

For the purposes of review of the application and development of the project description we have the following questions:

- Can you confirm you wish staff to evaluate each of the options for the step-up substation, BESS, and green hydrogen facility as part of certification of the proposed project?
- It would appear that consideration of the hydrogen facility would be affected by Intersect being awarded funding under ARCHES. Is this correct? Have you been notified if you were successful in your efforts?

The Water Resources section notes that "Several options for brine disposal are currently being considered, including disposal via deep injection well, disposal by discharge to land, incorporating a zero-liquid discharge system that would produce solid waste for disposal, among others." Can you confirm you wish staff to evaluate all of these options for brine disposal? Also, what do you mean by "among others"?

Two of the three options require submitting applications for two different permits, the deep injection well option would require a permit from CalGEM (UIC permit) and the disposal via the discharge to land option would require a permit from the Water Board.

We want to make sure we don't have staff spending time on something that will not be part of the project for certification. We are fine with analyzing options, we just want to be clear on what we are to analyze.

Thank you for your confirmation of these details.

Ann

Ann Crisp

Senior Environmental Planner

Siting, Transmission & Environmental Protection Division

California Energy Commission

715 P Street

Sacramento, CA 95814

Direct: (916) 776-7975**Fax:** (916) 651-8868

From: Fooks, Brett@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=870DF74143964B71ADA0039BF13C5A9A-FOOKS, BRET]
Sent: 11/22/2023 1:06:32 AM
To: Lorentzen, Wayne@DTSC [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=67ab2660d3724727a6074450f5a5e96d-DTSCWLorentz]; Qian, Wenjun@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4421be8df5f40ec851d73affcbff913-Qian, Wenju]; Koch, Lori@DTSC [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a3269442b99e4b6eac71ca1ce19d5078-DTSCCLKoch]; Ferouz, Muzhda@DTSC [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a5970a2c9e7942c19e64ec8ca6a4b057-DTSCMFerouz]
CC: Turner, Michael@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=935d0fc8d435418da34fd4251ff83a5a-Turner, Mic]; De Pont, Rebecca@DTSC [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e72adb2a6bda4aac88c297aca76f25f9-DTSCRDePont]; Hughes, Joseph@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7dd5e80572b644209e9607ba7bdc630-Hughes, Jos]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for DTSC MOU Coordination

Afternoon Wayne,

Thank you for getting back in touch with the CEC. Please let us know if you require any additional information that hasn't been included in the application or need anything from myself.

Regards,

Brett Fooks | Program Manager - Safety & Reliability Branch

Direct: 916.931.9603 | **Fax:** 916.654.3882

Brett.Fooks@energy.ca.gov



CALIFORNIA ENERGY COMMISSION

Siting, Transmission, and Environmental Protection Division

715 P Street, MS 46, Sacramento, CA, 95814

www.energy.ca.gov

From: Lorentzen, Wayne@DTSC <Wayne.Lorentzen@dtsc.ca.gov>
Sent: Tuesday, November 21, 2023 9:54 AM
To: Qian, Wenjun@Energy <Wenjun.Qian@energy.ca.gov>; Koch, Lori@DTSC <Lori.Koch@dtsc.ca.gov>; Ferouz, Muzhda@DTSC <Muzhda.Ferouz@dtsc.ca.gov>
Cc: Turner, Michael@Energy <Michael.Turner@Energy.ca.gov>; De Pont, Rebecca@DTSC <Rebecca.DePont@dtsc.ca.gov>; Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>; Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for DTSC MOU Coordination

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Hi, thank you, no questions yet. We are still reviewing and I've cc'd Rebecca who will be looking at it next.

Wayne Lorentzen, P.E.

Permitting Division Chief
Hazardous Waste Management Program
916-327-1194
wayne.lorentzen@dtsc.ca.gov
Department of Toxic Substances Control
1001 "I" Street, Sacramento, CA 95812-0806
California Environmental Protection Agency



From: Qian, Wenjun@Energy <Wenjun.Qian@energy.ca.gov>

Sent: Tuesday, November 14, 2023 10:58 AM

To: Lorentzen, Wayne@DTSC <Wayne.Lorentzen@dtsc.ca.gov>; Koch, Lori@DTSC <Lori.Koch@dtsc.ca.gov>; Ferouz, Muzhda@DTSC <Muzhda.Ferouz@dtsc.ca.gov>

Cc: Turner, Michael@Energy <Michael.Turner@Energy.ca.gov>; Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>; Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>

Subject: RE: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for DTSC MOU Coordination

Hello,

Yesterday our project manager, Ann Crisp, sent the Notice of Receipt of Opt-In Application and Request for DTSC MOU Coordination for the Darden Clean Energy Project. As mentioned in Ann's email, Mike Turner will be your technical staff contact for Hazardous Materials. Joey Hughes is his supervisor. I'm acting for Joey while he is out. We are tasked to reach out to you to see if you have any comments on the project.

Please let us know if you have any questions.

Thanks.

Wenjun Qian, Ph.D., P.E.

Air Resources Engineer
California Energy Commission
715 P St, MS-46
Sacramento, CA 95814
Email: Wenjun.Qian@energy.ca.gov
Phone: 916-477-1339



From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>

Sent: Monday, November 13, 2023 10:57 AM

To: Lorentzen, Wayne@DTSC <Wayne.Lorentzen@dtsc.ca.gov>; Koch, Lori@DTSC <Lori.Koch@dtsc.ca.gov>; Ferouz, Muzhda@DTSC <Muzhda.Ferouz@dtsc.ca.gov>

Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>; Turner, Michael@Energy <Michael.Turner@Energy.ca.gov>; Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>

Subject: Darden Clean Energy Project (23-OPT-02) - Notice of Receipt of Opt-In Application and Request for DTSC MOU Coordination

Hello,

This email serves as notification of receipt of an Opt-in application under Public Resources Code 25519 for the proposed Darden Clean Energy Project (23-OPT-02). This project is proposed in unincorporated Fresno County. The attached letter outlines project information and your responsibilities under AB 205.

Mike Turner will be your technical staff contact for Hazardous Materials. He will reach out to you and include any data requests you have of the applicant in our Data Completeness Letter that will be posted to the proceeding's docket. Joey Hughes is his supervisor.

If you have any technical questions, please contact Mike. If you have questions about the project in general or about the Opt-in process, please contact me and Lisa Worrall, co-project manager.

This information should be provided within 15-25 days per the MOU, which ranges from Saturday November 25 to Tuesday December 5.

We appreciate your timely responses and look forward to coordinating with you as the evaluation moves forward.

Thank you,

Ann

Ann Crisp
Senior Environmental Planner
Siting, Transmission & Environmental Protection Division
California Energy Commission
715 P Street
Sacramento, CA 95814
Direct: (916) 776-7975
Fax: (916) 651-8868



Sent: 11/17/2023 7:48:00 PM
To: trevor.pratt@cpuc.ca.gov
Subject: FW: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC
Attachments: Darden_Question to CPUC regarding necessity of CPCN.pdf

Hi Trevor,

I sent this email

From: Sison-Lebrilla, Elaine <Elaine.Sison-Lebrilla@cpuc.ca.gov>
Sent: Friday, November 17, 2023 10:25 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Automatic reply: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

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Hello!

I'm OOO starting November 17th, returning November 27th. I will respond to your email when I return.

Regards,
Elaine Sison-Lebrilla
Program Manager, CEQA & FERC Branch
Energy Division
California Public Utilities Commission

Sent: 11/17/2023 10:57:50 PM
To: Pratt, Trevor [Trevor.Pratt@cpuc.ca.gov]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Subject: RE: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

If a CPCN is necessary, would it apply to the 500 kV transmission line and utility switching station and not the step up substation?

From: Worrall, Lisa@Energy
Sent: Friday, November 17, 2023 2:52 PM
To: Pratt, Trevor <Trevor.Pratt@cpuc.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: RE: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

Let me ask the applicant.

From: Pratt, Trevor <Trevor.Pratt@cpuc.ca.gov>
Sent: Friday, November 17, 2023 2:41 PM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: RE: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

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Do you have a copy of the agreement between the applicant and PG&E? That'll give me a more precise picture of who will end up with what?

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Friday, November 17, 2023 2:31 PM
To: Pratt, Trevor <Trevor.Pratt@cpuc.ca.gov>
Cc: Hesters, Mark@Energy <Mark.Hesters@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Sison-Lebrilla, Elaine <Elaine.Sison-Lebrilla@cpuc.ca.gov>; Peterson, Robert <Robert.Peterson@cpuc.ca.gov>; Henriquez, Roxanne <Roxanne.Henriquez@cpuc.ca.gov>
Subject: RE: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

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Okay, I understand Trevor. The first item would be to know whether a privately funded transmission line would require a CPCN. The applicant will construct it and turn operation and maintenance over to PG&E. Not sure if PG&E will reimburse them for the construction of the transmission line.

From: Pratt, Trevor <Trevor.Pratt@cpuc.ca.gov>
Sent: Friday, November 17, 2023 1:27 PM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Cc: Hesters, Mark@Energy <Mark.Hesters@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Crisp,

Ann@Energy <Ann.Crisp@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Sison-Lebrilla, Elaine <Elaine.Sison-Lebrilla@cpuc.ca.gov>; Peterson, Robert <Robert.Peterson@cpuc.ca.gov>; Henriquez, Roxanne <Roxanne.Henriquez@cpuc.ca.gov>

Subject: RE: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

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Hi Lisa,

I will do what I can while balancing my other responsibilities, however that is an extremely tight turnaround (only 6 business days) especially if you want a formal response.

-Trevor

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Sent: Friday, November 17, 2023 1:09 PM

To: Pratt, Trevor <Trevor.Pratt@cpuc.ca.gov>

Cc: Hesters, Mark@Energy <Mark.Hesters@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>

Subject: RE: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

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Ideally as soon as possible as we will want to make sure that we have everything the CPUC needs for PG&E to submit an application for a CPCN, if required. We want our environmental document to be able to be used by PG&E, if they choose, to supplement their application.

The new Opt-in regulations have very quick process time. We need to make all requests for data from the applicant by December 11th. To make that hard date, we need to know whether PG&E will need to get a CPCN and all information that needs to be added to address CPUC's needs for the CPCN by Nov. 29th.

I realize this is a quick turnaround.

Thank you so much,

Lisa Worrall
 Senior Environmental Planner
 California Energy Commission
 Siting, Transmission and Environmental Protection Division
 715 P Street, MS-40, Sacramento, CA 95814
 Direct: (916) 661-8367
 Email: lisa.worrall@energy.ca.gov



From: Pratt, Trevor <Trevor.Pratt@cpuc.ca.gov>

Sent: Friday, November 17, 2023 12:56 PM

To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Cc: Hesters, Mark@Energy <Mark.Hesters@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>

Subject: RE: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Lisa,

Do you have a timeline for when you need our response back?

Thanks,

-Trevor

Trevor Pratt
Senior CEQA Project Manager
California Public Utilities Commission

300 Capital Mall
Sacramento, CA 95814
(916) 894-5734

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Sent: Friday, November 17, 2023 11:52 AM

To: Pratt, Trevor <Trevor.Pratt@cpuc.ca.gov>

Cc: Hesters, Mark@Energy <Mark.Hesters@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>

Subject: FW: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Trevor,

I sent this email and attached letter on the proposed Darden Clean Energy Project (23-OPT-02) and was notified that she is out of the office and returning on Nov. 27th. I am hoping that you can take a look at this email below and attached letter while Elaine is out. We want to get clear confirmation as to whether the new transmission line will require a CPCN.

Let me and the project manager, Ann Crisp, know if you have any questions. I am the co-project manager.

Thanks so much,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov



From: Sison-Lebrilla, Elaine <Elaine.Sison-Lebrilla@cpuc.ca.gov>

Sent: Friday, November 17, 2023 10:25 AM

To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Subject: Automatic reply: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello!

I'm OOO starting November 17th, returning November 27th. I will respond to your email when I return.

Regards,
Elaine Sison-Lebrilla
Program Manager, CEQA & FERC Branch
Energy Division
California Public Utilities Commission

Sent: 11/17/2023 8:12:02 PM
To: NAHC@NAHC [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c041746dfb0d4d86bbc9b2609b34a06c-NAHC]
Subject: FW: Darden Clean Energy Project (23-OPT-02)- Notice of Receipt of Opt-in application for state, federal and other agencies
Attachments: Darden_All other agencies_Notice of Application Receipt.pdf

Hello,

Please see the email below and attached letter notifying State, Federal, and other agencies of the receipt of an Opt-in application for the proposed Darden Clean Energy Project (23-OPT-02). Thank you,

From: Worrall, Lisa@Energy
Sent: Friday, November 17, 2023 10:44 AM
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@energy.ca.gov>
Subject: Darden Clean Energy Project (23-OPT-02)- Notice of Receipt of Opt-in application for state, federal and other agencies

Hello,

This email serves as notification of receipt of an Opt-in application under Public Resources Code 25519 for the proposed Darden Clean Energy Project (23-OPT-02). This project is proposed in unincorporated Fresno County. The attached letter outlines project information and the reasons under AB 205 why we are contacting you.

If you have questions, please contact me and Ann Crisp, project manager.

We appreciate your timely responses and look forward to coordinating with you as the project moves forward.

Thank you,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov





**CALIFORNIA
ENERGY COMMISSION**



**CALIFORNIA
NATURAL
RESOURCES
AGENCY**

November 17, 2023

Notice of Receipt of Opt-in Application for Darden Clean Energy Project (23-OPT-02)/
request for comments and information

This letter serves as notification that the California Energy Commission (CEC) has received an Opt-in application for the Darden Clean Energy Project. IP Darden I, LLC and Affiliates (Applicant) propose to construct and operate the Darden Clean Energy Project on approximately 9,500 acres in western Fresno County. The project consists of a 1,150 megawatt (MW) solar photovoltaic (PV) facility, an up to 4,600 megawatt-hour battery energy storage system (BESS), an up to 1,150 MW green hydrogen generator, a 34.5-500 kilovolt (kV) grid step-up substation, a 10- to 15-mile 500 kV generation intertie (gen-tie) line, and a 500 kV utility switching station. The project would interconnect to the existing Pacific Gas and Electric Company (PG&E) Los Banos-Midway #2 500 kV transmission line. The project would be located in an agricultural area of unincorporated Fresno County south of the community of Cantua Creek. Refer to the Project Description at the following website link for more project details: <https://efiling.energy.ca.gov/GetDocument.aspx?tn=252985&DocumentContentId=88135>

In 2022, Assembly Bill 205 established a new Opt-in Certification program for eligible non-fossil-fueled power plants, energy storage, and manufacturing and assembly facilities to optionally seek certification through the CEC. Upon receipt of an application, the CEC has the exclusive authority to certify the site and related facility. With certain exceptions, the issuance of a certificate by the CEC is in lieu of any permit, certificate, or similar document required by any state, local, or regional agency, or federal agency to the extent permitted by federal law, and supersedes any applicable statute, ordinance, or regulation of any state, local, or regional agency, or federal agency to the extent permitted by federal law. The CEC is the lead agency under the California Environmental Quality Act and is required to prepare an environmental impact report for any facility that elects to opt into the CEC's jurisdiction.

The CEC provides the following notice pursuant to Public Resources Code (PRC) section 25545.8, which states that subsections (g) and (k) of PRC section 25519 apply to an Opt-in application. The relevant language from PRC section 25519 is as follows:

(g) The commission shall transmit a copy of the application to each federal and state agency having jurisdiction or special interest in matters pertinent to the proposed site and related facilities and to the Attorney General.

(k) The commission shall transmit a copy of the application to any governmental agency not specifically mentioned in this act, but which it finds has any information or interest in the proposed site and related facilities, and shall invite the comments and

recommendations of each agency. The commission shall request any relevant laws, ordinances, or regulations that an agency has promulgated or administered.

The CEC has set up a webpage for the project at the following link:
<https://www.energy.ca.gov/powerplant/solar-photovoltaic-pv/darden-clean-energy-project>

The documents which comprise the Opt-in application can be found in the project docket, which is accessible via the project webpage or directly at the following link:
<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=23-OPT-02>.

The Project Description can be accessed directly at the following link:
<https://efiling.energy.ca.gov/GetDocument.aspx?tn=252985&DocumentContentId=88135>

Pursuant to PRC section 25519(k), the CEC invites the comments and recommendations of your agency, and requests that you send us any relevant laws, ordinances, or regulations that your agency has promulgated or administered that are applicable to the proposed project.

To stay informed about this project and receive notice of upcoming public meetings, sign up to the project subscription, which can be accessed on the project webpage. Once enrolled, automatic email notifications are sent when documents and notices are posted to the project webpage.

Feel free to reach out to us directly via email if you have any questions about this notice. Thank you.

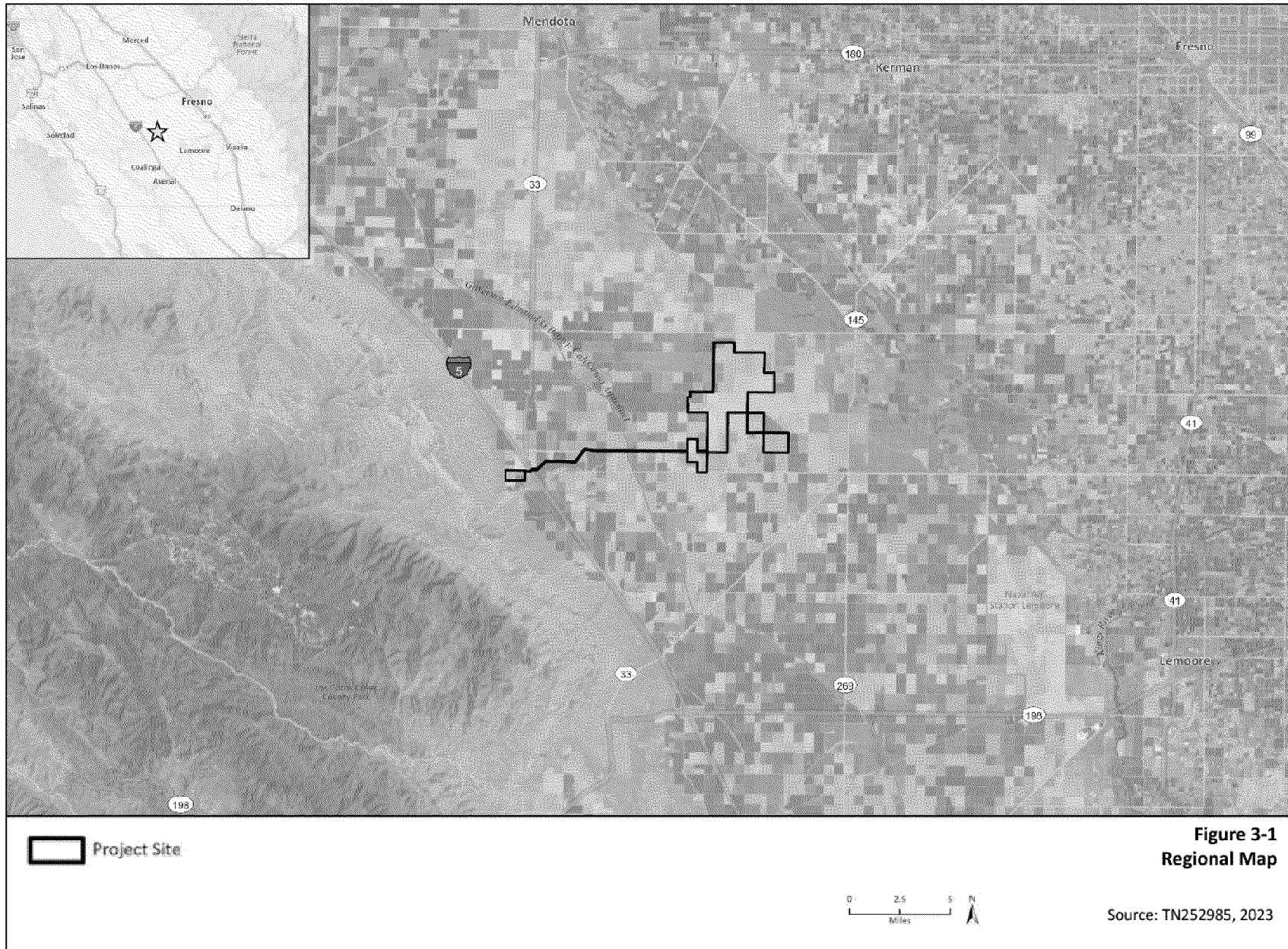
Ann Crisp
Project Manager
California Energy Commission

Lisa Worrall
Co-Project Manager

Ann.Crisp@energy.ca.gov

Lisa.Worrall@energy.ca.gov

Enclosure: Figure 3-1 Regional Map (from application Project Description)



Sent: 11/17/2023 6:25:44 PM
To: AGelectronicsservice@doj.ca.gov
CC: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]
Subject: Darden Clean Energy Project (23-OPT-02)- Notice of Receipt of Opt-in application for Attorney General
Attachments: Darden_Attorney General_Notice of application receipt.pdf

Hello,

This email serves as notification of receipt of an Opt-in application under Public Resources Code 25519 for the proposed Darden Clean Energy Project (23-OPT-02). This project is proposed in unincorporated Fresno County. The attached letter outlines project information and the reasons under AB 205 why we are contacting you.

If you have questions, please contact me and Ann Crisp, project manager.

We appreciate your timely responses and look forward to coordinating with you as the project moves forward.

Thank you,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov





**CALIFORNIA
ENERGY COMMISSION**



November 17, 2023

Notice of Receipt of Opt-in Application for Darden Clean Energy Project (23-OPT-02)

This letter serves as notification that the California Energy Commission (CEC) has received an Opt-in application for the Darden Clean Energy Project. IP Darden I, LLC and Affiliates (Applicant) propose to construct and operate the Darden Clean Energy Project on approximately 9,500 acres in western Fresno County. The project consists of a 1,150 megawatt (MW) solar photovoltaic (PV) facility, an up to 4,600 megawatt-hour battery energy storage system (BESS), an up to 1,150 MW green hydrogen generator, a 34.5-500 kilovolt (kV) grid step-up substation, a 10- to 15-mile 500 kV generation intertie (gen-tie) line, and a 500 kV utility switching station. The project would interconnect to the existing Pacific Gas and Electric Company (PG&E) Los Banos-Midway #2 500 kV transmission line. The project would be located in an agricultural area of unincorporated Fresno County south of the community of Cantua Creek. Refer to the Project Description at the following website link for more project details: <https://efiling.energy.ca.gov/GetDocument.aspx?tn=252985&DocumentContentId=88135>

In 2022, Assembly Bill 205 established a new Opt-in Certification program for eligible non-fossil-fueled power plants, energy storage, and manufacturing and assembly facilities to optionally seek certification through the CEC. Upon receipt of an application, the CEC has the exclusive authority to certify the site and related facility. With certain exceptions, the issuance of a certificate by the CEC is in lieu of any permit, certificate, or similar document required by any state, local, or regional agency, or federal agency to the extent permitted by federal law, and supersedes any applicable statute, ordinance, or regulation of any state, local, or regional agency, or federal agency to the extent permitted by federal law. The CEC is the lead agency under the California Environmental Quality Act and is required to prepare an environmental impact report for any facility that elects to opt into the CEC's jurisdiction.

The CEC provides the following notice pursuant to Public Resources Code (PRC) section 25545.8, which states that certain subsections of PRC § 25519 are applicable. Section 25519(g) of the PRC states, in part: "The commission shall transmit a copy of the application to each federal and state agency having jurisdiction or special interest in matters pertinent to the proposed site and related facilities *and to the Attorney General.*" (emphasis added)

The CEC has set up a web page for the project at the following link:
<https://www.energy.ca.gov/powerplant/solar-photovoltaic-pv/darden-clean-energy-project>

The documents which comprise the Opt-in application can be found in the project docket, which is accessible via the project webpage or directly at the following link:
<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=23-OPT-02>.

Feel free to reach out to us directly via email if you have any questions about this notice. Thank you.

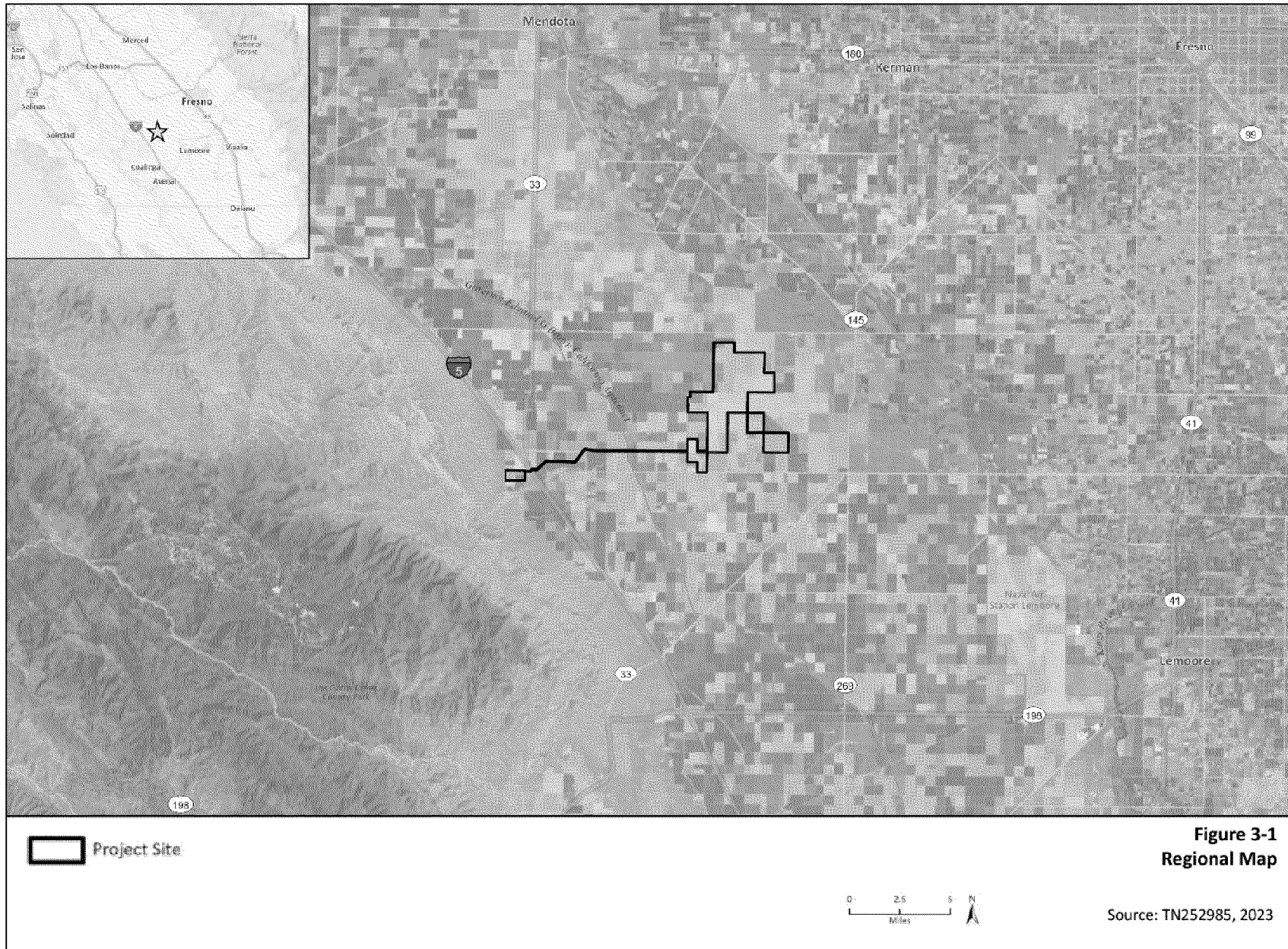
Ann Crisp
Project Manager
California Energy Commission

Lisa Worrall
Co-Project Manager

Ann.Crisp@energy.ca.gov

Lisa.Worrall@energy.ca.gov

Enclosure: Figure 3-1 Regional Map (from application Project Description)



Sent: 11/17/2023 7:45:34 PM
To: trevor.pratt@cpuc.ca.gov
Subject: FW: Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC
Attachments: Darden_Question to CPUC regarding necessity of CPCN.pdf

Hi Trevor,

I received notification that Elaine is out of the office until

From: Worrall, Lisa@Energy
Sent: Friday, November 17, 2023 10:23 AM
To: elaine.sison-lebrilla@cpuc.ca.gov
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@energy.ca.gov>; Hesters, Mark@Energy <Mark.Hesters@energy.ca.gov>; Edirisuriya, Sudath@Energy <sudath.edirisuriya@energy.ca.gov>
Subject: Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

Hello Elaine,

This email serves as notification of receipt of an Opt-in application under Public Resources Code 25519 for the proposed Darden Clean Energy Project (23-OPT-02). This project is proposed in unincorporated Fresno County. The attached letter outlines project information and the reasons under AB 205 why we are contacting you.

If you have questions, please contact me and Ann Crisp, project manager.

We appreciate your timely responses and look forward to coordinating with you as the project moves forward.

Thank you,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov





**CALIFORNIA
ENERGY COMMISSION**



**CALIFORNIA
NATURAL
RESOURCES
AGENCY**

November 17, 2023

Notice of Receipt of Opt-in Application for Darden Clean Energy Project (23-OPT-02)/
Question regarding necessity of CPCN

Dear Elaine Sison-Lebrilla,

The purpose of this letter is to serve notice of the California Energy Commission's (CEC) receipt of an application for the proposed Darden Clean Energy Project, which is being processed under the CEC's new Opt-in licensing authority established by Assembly Bill (AB) 205 and the associated emergency regulations. AB 205 added sections 25545-25545.13 to the Public Resources Code, which expanded the CEC's existing power plant licensing authority by allowing specified clean energy projects to optionally seek consolidated permitting at the CEC by June 30, 2029.

To comply with Public Resources Code (PRC), section 25545.8, which states that certain subsections of PRC section 25519 are applicable to Opt-in applications, we need to know whether the CPUC believes that the proposed site and related facility will require a certificate of public convenience and necessity (CPCN). Under the Warren Alquist Act, PRC section 25518, the CPCN cannot be issued until the utility has first obtained a certificate from the CEC. The CEC is the lead agency under the California Environmental Quality Act for the Darden Clean Energy Project.

IP Darden I, LLC and Affiliates (Applicant) propose to construct and operate the Darden Clean Energy Project on approximately 9,500 acres in western Fresno County. The project consists of a 1,150 megawatt (MW) solar photovoltaic (PV) facility, an up to 4,600 megawatt-hour battery energy storage system (BESS), an up to 1,150 MW green hydrogen generator, a 34.5-500 kilovolt (kV) grid step-up substation, a 10- to 15-mile 500 kV generation intertie (gen-tie) line, and a 500 kV utility switching station. The project would interconnect to the existing Pacific Gas and Electric Company (PG&E) Los Banos-Midway #2 500 kV transmission line. The project would be located in an agricultural area of unincorporated Fresno County south of the community of Cantua Creek. Refer to the Project Description at the following website link for more project details: <https://efiling.energy.ca.gov/GetDocument.aspx?tn=252985&DocumentContentId=88135>

The applicant would construct the proposed 500 kV transmission line, step-up substation, and utility switchyard and then transfer these facilities to PG&E to own and operate. As a private company would be constructing these facilities, would a CPCN be necessary?

A Few Project Details

The project would interconnect into and bisect the PG&E Los Banos-Midway #2 line. Project elements include a 1,150 MWac (1,610 MWdc) solar PV facility, onsite step-up substation, a 10-to 15-mile 500 kV gen-tie line, BESS, and green hydrogen generator,

and PG&E owned utility switchyard. If the alternate site for the green hydrogen facility site is selected, the project would include construction and operation of a substation and switchyard.

CEC has set up a webpage for the project at the following link:
<https://www.energy.ca.gov/powerplant/solar-photovoltaic-pv/darden-clean-energy-project>

The documents which comprise the Opt-in application can be found in the project docket, which is accessible via the project webpage or directly at the following link:
<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=23-OPT-02>

The Executive Summary can be accessed directly at the following link:
<https://efiling.energy.ca.gov/GetDocument.aspx?tn=252984&DocumentContentId=88134>

Please consult the relevant materials and let us know the answer to whether you believe this project will need a CPCN at your earliest convenience. Thank you.

Ann Crisp
Project Manager
California Energy Commission

Lisa Worrall
Co-Project Manager

Ann.Crisp@energy.ca.gov

Lisa.Worrall@energy.ca.gov

From: Herrera, Angeles [Herrera.Angeles@epa.gov]
Sent: 11/18/2023 12:28:11 AM
To: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
CC: Lakin, Matt (he/him/his) [Lakin.Matthew@epa.gov]
Subject: RE: Darden Clean Energy Project (23-OPT-02)- Notice of Receipt of Opt-in application for state, federal and other agencies

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thanks Lisa! Angeles

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Friday, November 17, 2023 11:04 AM
To: Herrera, Angeles <Herrera.Angeles@epa.gov>
Cc: Lakin, Matt (he/him/his) <Lakin.Matthew@epa.gov>
Subject: FW: Darden Clean Energy Project (23-OPT-02)- Notice of Receipt of Opt-in application for state, federal and other agencies

Caution: This email originated from outside EPA, please exercise additional caution when deciding whether to open attachments or click on provided links.

Hi Angeles,

I received an out of office notification for Matt Latkin and was advised to reach out to you. Please see the email below and attached letter for information about the proposed project we received under the new Opt-in program established by AB 205.

Thanks very much,

Lisa Worrall
 Senior Environmental Planner
 California Energy Commission
 Siting, Transmission and Environmental Protection Division
 715 P Street, MS-40, Sacramento, CA 95814
 Direct: (916) 661-8367
 Email: lisa.worrall@energy.ca.gov



From: Worrall, Lisa@Energy
Sent: Friday, November 17, 2023 10:44 AM
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula,

Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@energy.ca.gov>

Subject: Darden Clean Energy Project (23-OPT-02)- Notice of Receipt of Opt-in application for state, federal and other agencies

Hello,

This email serves as notification of receipt of an Opt-in application under Public Resources Code 25519 for the proposed Darden Clean Energy Project (23-OPT-02). This project is proposed in unincorporated Fresno County. The attached letter outlines project information and the reasons under AB 205 why we are contacting you.

If you have questions, please contact me and Ann Crisp, project manager.

We appreciate your timely responses and look forward to coordinating with you as the project moves forward.

Thank you,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov



From: Worrall, Lisa@Energy [Lisa.Worrall@energy.ca.gov]
Sent: 11/17/2023 6:44:03 PM
CC: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]
Subject: Darden Clean Energy Project (23-OPT-02)- Notice of Receipt of Opt-in application for state, federal and other agencies
Attachments: Darden_All other agencies_Notice of Application Receipt.pdf

Hello,

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Thank you,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov





**CALIFORNIA
ENERGY COMMISSION**



**CALIFORNIA
NATURAL
RESOURCES
AGENCY**

November 17, 2023

**Notice of Receipt of Opt-in Application for Darden Clean Energy Project (23-OPT-02)/
request for comments and information**

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(k) The commission shall transmit a copy of the application to any governmental agency not specifically mentioned in this act, but which it finds has any information or interest in the proposed site and related facilities, and shall invite the comments and

recommendations of each agency. The commission shall request any relevant laws, ordinances, or regulations that an agency has promulgated or administered.

The CEC has set up a webpage for the project at the following link:
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The documents which comprise the Opt-in application can be found in the project docket, which is accessible via the project webpage or directly at the following link:
<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=23-OPT-02>.

The Project Description can be accessed directly at the following link:
<https://efiling.energy.ca.gov/GetDocument.aspx?tn=252985&DocumentContentId=88135>

Pursuant to PRC section 25519(k), the CEC invites the comments and recommendations of your agency, and requests that you send us any relevant laws, ordinances, or regulations that your agency has promulgated or administered that are applicable to the proposed project.

To stay informed about this project and receive notice of upcoming public meetings, sign up to the project subscription, which can be accessed on the project webpage. Once enrolled, automatic email notifications are sent when documents and notices are posted to the project webpage.

Feel free to reach out to us directly via email if you have any questions about this notice. Thank you.

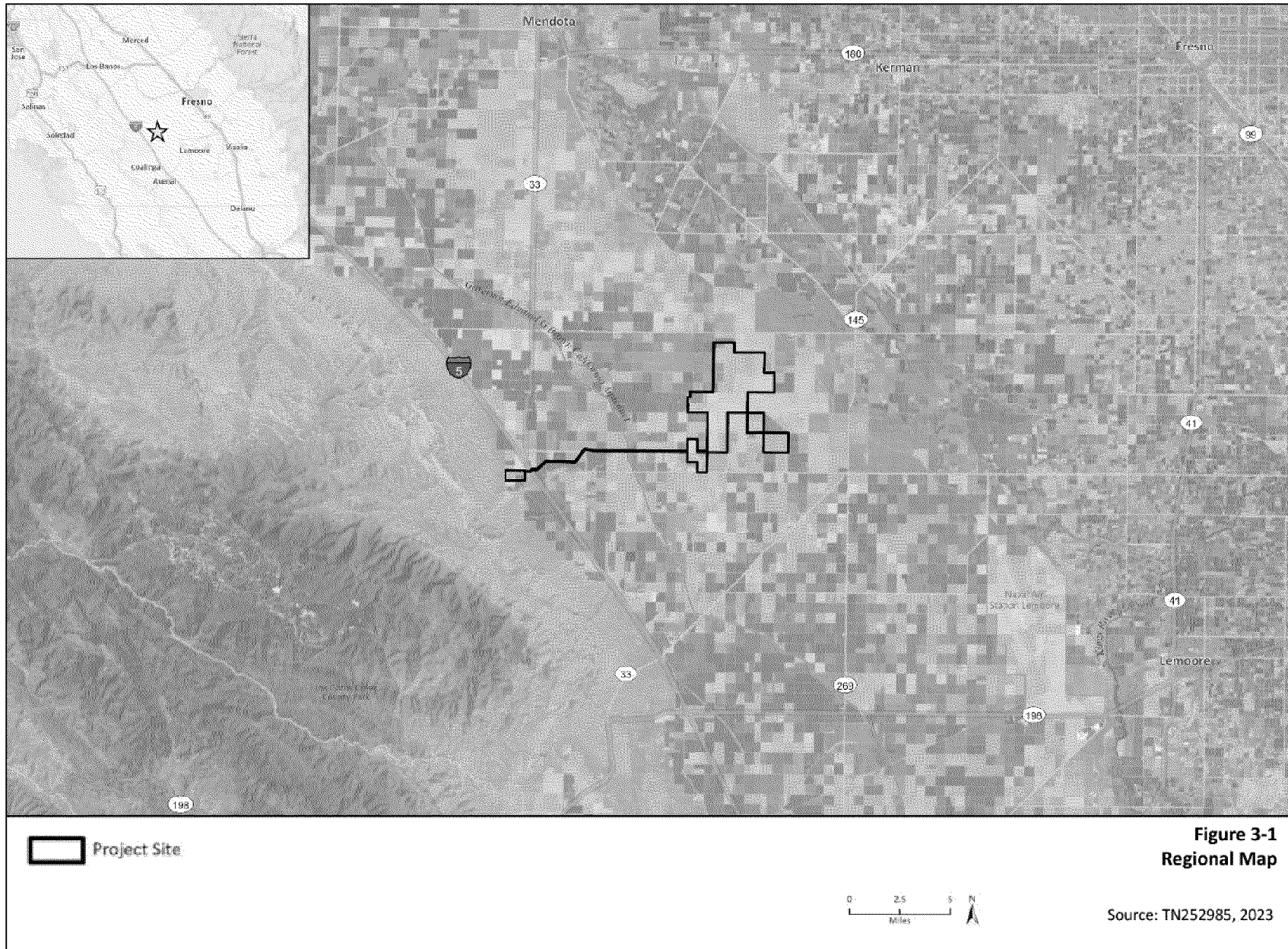
Ann Crisp
Project Manager
California Energy Commission

Lisa Worrall
Co-Project Manager

Ann.Crisp@energy.ca.gov

Lisa.Worrall@energy.ca.gov

Enclosure: Figure 3-1 Regional Map (from application Project Description)



From: Hesters, Mark@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=adc98e7718ae442bab67f41b128d006-Hesters, Ma]
Sent: 11/21/2023 11:16:23 PM
To: Pratt, Trevor [Trevor.Pratt@cpuc.ca.gov]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
CC: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Henriquez, Roxanne [Roxanne.Henriquez@cpuc.ca.gov]
Subject: Re: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

Hi Trevor,

The project is in CAISO Queue Cluster 14 with the Phase 2 study due to be released next month, so there isn't an interconnection agreement yet. They have not filed the Phase 1 study which should provide more detail on the interconnection.

I think their intent is to build/pay for the 500 kV switchyard that would be used to loop in PG&E's Midway - Los Banos #2 500 kV transmission line and the structures required to loop the existing line into the new switchyard. Usually this type of interconnection requires some number of new poles to bring the existing line into and out of the new switchyard. While they haven't been entirely clear, I expect that only the new "loop-in" switchyard and the modifications required to bring the existing line into and out of this switchyard would be transferred to PG&E for ownership and operation.

They are asking us to license two options for the gen-tie from the powerplant step-up substation to the new switchyard but I don't think that portion of the project would be turned over to PG&E.

So the question for the CPUC is whether or not the construction of a new switchyard and the modifications to existing Midway - Los Banos #2 500 kV line required to loop the into the new switchyard licensed by the CEC (as the first point of interconnection with the existing network) and financed by Darden, would require a CPCN or other form of approval by the CPUC?

Mark Hesters
 California Energy Commission
 (916) 931-8942

From: Pratt, Trevor <Trevor.Pratt@cpuc.ca.gov>
Sent: Tuesday, November 21, 2023 2:53 PM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Hesters, Mark@Energy <Mark.Hesters@energy.ca.gov>; Henriquez, Roxanne <Roxanne.Henriquez@cpuc.ca.gov>
Subject: RE: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Lisa,

Checking in if you have any added clarity on the below project description question.

Thanks,

-Trevor

From: Pratt, Trevor

Sent: Friday, November 17, 2023 4:56 PM

To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Hesters, Mark@Energy <Mark.Hesters@energy.ca.gov>; Henriquez, Roxanne <Roxanne.Henriquez@cpuc.ca.gov>

Subject: RE: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

Hi Lisa,

I am trying to crystalize my understanding of the components that will ultimately be under CPUC-jurisdiction (and that would have been a shortcut of very clear project information for the CPUC side of things) and who will ultimately be paying for the 500 kV loop-in (to be ratebased or the developer). It would also help me track down the PG&E Project Manager, who may also have figured some of this out.

The interconnection agreement should spell out where that division is, particularly since I am not necessarily seeing clear information on my cursory triage review of where that division is. For example, your letter states: "The applicant would construct the proposed 500 kV transmission line, step-up substation, and utility switchyard and then transfer these facilities to PG&E to own and operate." Since the step-up substation is in the middle of the generator facility, that would mean the line labeled by the applicant in Map 2-3 as a "Gen-tie" is actually part of PG&E's system. Whereas the application Page 1-17 states that "Applicant to self-build the Stand Alone Network Upgrades described in the Agreement, including a 500 kV utility switchyard and a 500 kV transmission line loop-in....The Applicant intends to self-build the Stand-Alone Network Upgrades and would transfer ownership of such upgrades to PG&E", which would mean that PG&E's ownership does not include the area labeled in Map 2-3 as a "Gen-tie" and is limited to the switchyard and the short 500 kV loop-in to the adjacent pre-existing 500 kV line.

Any clarity in the above discrepancy to the ownership and details on the description of components to be transferred to PG&E would be greatly appreciated, since the application materials say "including" which could mean there are additional elements not in that list.

Thanks,

-Trevor

Trevor Pratt
Senior CEQA Project Manager
California Public Utilities Commission

300 Capital Mall
Sacramento, CA 95814
(916) 894-5734

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Sent: Friday, November 17, 2023 4:13 PM

To: Pratt, Trevor <Trevor.Pratt@cpuc.ca.gov>

Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Hesters, Mark@Energy <Mark.Hesters@energy.ca.gov>

Subject: RE: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

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--

Hi Trevor,

We do not have the agreement between the project applicant and PG&E but that the applicant states that "The applicant would construct the proposed 500 kV transmission line, step-up substation, and utility switchyard and then transfer these facilities to PG&E to own and operate."

Given this information without more, would the CPUC be able to determine if a CPCN is needed?

If not what specific information would the CPUC need? We suspect the agreement may be confidential or portions of it may be and that could bog down things.

Also if the CPUC is not aware of this project through its oversight of PG&E, we are wondering if the CPCN is even needed given how far along this Darden Clean Energy project is in the process.

Thanks,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov



From: Worrall, Lisa@Energy
Sent: Friday, November 17, 2023 2:52 PM
To: Pratt, Trevor <Trevor.Pratt@cpuc.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: RE: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

Let me ask the applicant.

From: Pratt, Trevor <Trevor.Pratt@cpuc.ca.gov>
Sent: Friday, November 17, 2023 2:41 PM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: RE: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

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Do you have a copy of the agreement between the applicant and PG&E? That'll give me a more precise picture of who will end up with what?

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Friday, November 17, 2023 2:31 PM
To: Pratt, Trevor <Trevor.Pratt@cpuc.ca.gov>
Cc: Hesters, Mark@Energy <Mark.Hesters@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Sison-Lebrilla, Elaine <Elaine.Sison-Lebrilla@cpuc.ca.gov>; Peterson, Robert <Robert.Peterson@cpuc.ca.gov>; Henriquez, Roxanne <Roxanne.Henriquez@cpuc.ca.gov>
Subject: RE: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

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Okay, I understand Trevor. The first item would be to know whether a privately funded transmission line would require a CPCN. The applicant will construct it and turn operation and maintenance over to PG&E. Not sure if PG&E will reimburse them for the construction of the transmission line.

From: Pratt, Trevor <Trevor.Pratt@cpuc.ca.gov>
Sent: Friday, November 17, 2023 1:27 PM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Cc: Hesters, Mark@Energy <Mark.Hesters@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Sison-Lebrilla, Elaine <Elaine.Sison-Lebrilla@cpuc.ca.gov>; Peterson, Robert

<Robert.Peterson@cpuc.ca.gov>; Henriquez, Roxanne <Roxanne.Henriquez@cpuc.ca.gov>

Subject: RE: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

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Hi Lisa,

I will do what I can while balancing my other responsibilities, however that is an extremely tight turnaround (only 6 business days) especially if you want a formal response.

-Trevor

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Sent: Friday, November 17, 2023 1:09 PM

To: Pratt, Trevor <Trevor.Pratt@cpuc.ca.gov>

Cc: Hesters, Mark@Energy <Mark.Hesters@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>

Subject: RE: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

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Ideally as soon as possible as we will want to make sure that we have everything the CPUC needs for PG&E to submit an application for a CPCN, if required. We want our environmental document to be able to be used by PG&E, if they choose, to supplement their application.

The new Opt-in regulations have very quick process time. We need to make all requests for data from the applicant by December 11th. To make that hard date, we need to know whether PG&E will need to get a CPCN and all information that needs to be added to address CPUC's needs for the CPCN by Nov. 29th.

I realize this is a quick turnaround.

Thank you so much,

Lisa Worrall
 Senior Environmental Planner
 California Energy Commission
 Siting, Transmission and Environmental Protection Division
 715 P Street, MS-40, Sacramento, CA 95814
 Direct: (916) 661-8367
 Email: lisa.worrall@energy.ca.gov



From: Pratt, Trevor <Trevor.Pratt@cpuc.ca.gov>

Sent: Friday, November 17, 2023 12:56 PM

To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Cc: Hesters, Mark@Energy <Mark.Hesters@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>

Subject: RE: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

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Hi Lisa,

Do you have a timeline for when you need our response back?

Thanks,

-Trevor

Trevor Pratt
Senior CEQA Project Manager
California Public Utilities Commission

300 Capital Mall
Sacramento, CA 95814
(916) 894-5734

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Sent: Friday, November 17, 2023 11:52 AM

To: Pratt, Trevor <Trevor.Pratt@cpuc.ca.gov>

Cc: Hesters, Mark@Energy <Mark.Hesters@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>

Subject: FW: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

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Hi Trevor,

I sent this email and attached letter on the proposed Darden Clean Energy Project (23-OPT-02) and was notified that she is out of the office and returning on Nov. 27th. I am hoping that you can take a look at this

email below and attached letter while Elaine is out. We want to get clear confirmation as to whether the new transmission line will require a CPCN.

Let me and the project manager, Ann Crisp, know if you have any questions. I am the co-project manager.

Thanks so much,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov



From: Sison-Lebrilla, Elaine <Elaine.Sison-Lebrilla@cpuc.ca.gov>

Sent: Friday, November 17, 2023 10:25 AM

To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Subject: Automatic reply: [EXTERNAL] Darden Clean Energy Project (23-OPT-02) Notice of Receipt of and Opt-in application and question for CPUC

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello!

I'm OOO starting November 17th, returning November 27th. I will respond to your email when I return.

Regards,
Elaine Sison-Lebrilla
Program Manager, CEQA & FERC Branch
Energy Division
California Public Utilities Commission

From: Becky Moores [becky.moores@intersectpower.com]
Sent: 11/29/2023 9:44:33 PM
To: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Lindsey Sarquilla (Rincon) [lsarquilla@rinconconsultants.com]
CC: Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; Abulaban, Abdel-Karim@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c1ff1d38281a4068b2708271d22c0d94-Abulaban, A]; White, Adam@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d64512c47c48429dbdcf6845422b6bd1-74f7464f-8c]; Ackerman, James@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3cc35de240cf4253af9cc7d3d2cbb643-Ackerman, J]
Subject: RE: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

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Hello Lisa,

Diligence on our end is pushing us towards the ZLD option and away from the others. Would it work to docket a formal statement along with responses to the deficiency letter?

Becky Moores
 INTERSECT POWER
 (c) 303.919.6735

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Wednesday, November 22, 2023 2:28 PM
To: Becky Moores <becky.moores@intersectpower.com>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>; Marisa Mitchell <marisa@intersectpower.com>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>; White, Adam@Energy <Adam.White@Energy.ca.gov>; Ackerman, James@Energy <james.ackerman@energy.ca.gov>
Subject: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

Hi Becky,

Regarding your statement "at this time we are focusing on the zero liquid discharge option so you can focus your review for that one option," we want to make sure that if another brine disposal method is selected we have all the information we need on that method. As several options for brine disposal are discussed, we would want a statement put in the docket to note the selection of the zero liquid discharge option as soon as possible.

If you don't feel ready to make such a statement in the record, let us know and we can review all options until such time you select one or not. Until a statement is submitted to the docket, staff will continue to review all discharge options listed in the application.

Thanks,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov



From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 11/30/2023 8:31:50 PM
To: Becky Moores [becky.moores@intersectpower.com]; Lindsey Sarquilla (Rincon) [lsarquilla@rinconconsultants.com]
CC: Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; Abulaban, Abdel-Karim@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c1ff1d38281a4068b2708271d22c0d94-Abulaban, A]; White, Adam@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d64512c47c48429dbdcf6845422b6bd1-74f7464f-8c]; Ackerman, James@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3cc35de240cf4253af9cc7d3d2cbb643-Ackerman, J]
Subject: RE: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

Hi Becky,

It would be best if you can submit a formal statement into the docket now so that we are not tripling our data requests for water resources.

Thanks,

Lisa

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Wednesday, November 29, 2023 1:45 PM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>; White, Adam@Energy <Adam.White@Energy.ca.gov>; Ackerman, James@Energy <james.ackerman@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

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Hello Lisa,

Diligence on our end is pushing us towards the ZLD option and away from the others. Would it work to docket a formal statement along with responses to the deficiency letter?

Becky Moores
 INTERSECT POWER
 (c) 303.919.6735

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Wednesday, November 22, 2023 2:28 PM
To: Becky Moores <becky.moores@intersectpower.com>; Lindsey Sarquilla (Rincon)

<lsarquilla@rinconconsultants.com>; Marisa Mitchell <marisa@intersectpower.com>

Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>; White, Adam@Energy <Adam.White@Energy.ca.gov>; Ackerman, James@Energy <james.ackerman@energy.ca.gov>

Subject: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

Hi Becky,

Regarding your statement "at this time we are focusing on the zero liquid discharge option so you can focus your review for that one option," we want to make sure that if another brine disposal method is selected we have all the information we need on that method. As several options for brine disposal are discussed, we would want a statement put in the docket to note the selection of the zero liquid discharge option as soon as possible.

If you don't feel ready to make such a statement in the record, let us know and we can review all options until such time you select one or not. Until a statement is submitted to the docket, staff will continue to review all discharge options listed in the application.

Thanks,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov



From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 11/27/2023 6:43:55 PM
To: Becky Moores [becky.moores@intersectpower.com]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Darden Clean Energy Project (23-OPT-02) opt-in application inquiry

Hi Becky,

In preparing formal letters in this proceeding, would you like the letters address to you and is this the best mailing address?

IP Darden I, LLC and Affiliates c/o Intersect Power, LLC 9450 SW Gemini Drive PMB #68743
Beaverton, Oregon 97008

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Tuesday, November 7, 2023 5:14 PM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Barrera, Linda@Energy <Linda.Barrera@energy.ca.gov>; Evelyn Langsdale <elangsdale@rinconconsultants.com>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>; Marisa Mitchell <marisa@intersectpower.com>
Subject: RE: Darden Clean Energy Project (23-OPT-02) opt-in application inquiry

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Ann and Lisa,

All documents have been filed.

I will definitely keep you informed on ARCHES and will coordinate with my team to get an update on the latest communications received.

Thank you,

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(e) becky.moores@intersectpower.com

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Tuesday, November 7, 2023 4:50 PM
To: Becky Moores <becky.moores@intersectpower.com>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Barrera, Linda@Energy <Linda.Barrera@energy.ca.gov>; Evelyn Langsdale

<elangsdale@rinconconsultants.com>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>

Subject: RE: Darden Clean Energy Project (23-OPT-02) opt-in application inquiry

Thank you so much for that information Becky. We will copy Lindsey and Evelyn on emails to you.

Can you keep us updated on when you hear if Darden will be included in ARCHES. We are assuming that is the key detail that will determine whether the hydrogen portion goes forward. Correct us if that is not the case.

Thanks,

Lisa

From: Becky Moores <becky.moores@intersectpower.com>

Sent: Tuesday, November 7, 2023 4:01 PM

To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>

Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Barrera, Linda@Energy <Linda.Barrera@energy.ca.gov>; Evelyn Langsdale <elangsdale@rinconconsultants.com>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>

Subject: Re: Darden Clean Energy Project (23-OPT-02) opt-in application inquiry

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Hi Ann,

We are still tracking to have everything submitted today and continue to upload the various documents. GIS data has been uploaded through Kiteworks and Travis David confirmed receipt. I'll send another email when everything has been successfully filed.

The ARCHES hub was awarded funding by the DOE. While Intersect's Darden project was included in that application, ARCHES has not yet announced which projects will be selected and included in the final hub plan.

Please also include Lindsey and Evelyn from Rincon on email communications.

Thank you,

Becky Moores

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>

Sent: Tuesday, November 7, 2023 2:31:18 PM

To: Becky Moores <becky.moores@intersectpower.com>

Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Barrera, Linda@Energy <Linda.Barrera@energy.ca.gov>

Subject: Darden Clean Energy Project (23-OPT-02) opt-in application inquiry

Hi Becky,

Just checking in on a few items:

- Do you have an estimated date when the application will be completely uploaded to the docket? Friday is state holiday so staff will be out of office (Veteran's Day)
- Please notify us when you have filed the last item in the application, including the confidential material and items through kiteworks (eg. GIS data, etc.)
- Was the project a U.S. DOE Hydrogen Hub award recipient thru ARCHES?
- Please confirm all people from your team who need to be cc'd on emails from the PMs at the CEC.

Thank you for filing everything so far. Any questions please let me or Lisa Worrall know.

Thanks!

Ann

Ann Crisp
Senior Environmental Planner
Siting, Transmission & Environmental Protection Division
California Energy Commission
715 P Street
Sacramento, CA 95814
Direct: (916) 776-7975
Fax: (916) 651-8868



From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 11/28/2023 3:10:23 PM
To: Becky Moores [becky.moores@intersectpower.com]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Darden Clean Energy Project (23-OPT-02) opt-in application inquiry

Ok, will do. Thanks!

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Monday, November 27, 2023 12:23 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) opt-in application inquiry

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Hi Ann – yes, you can address the letters to me and the mailing address you have is correct.

Thank you,

Becky Moores
INTERSECT POWER
(c) 303.919.6735

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Monday, November 27, 2023 11:44 AM
To: Becky Moores <becky.moores@intersectpower.com>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) opt-in application inquiry

Hi Becky,

In preparing formal letters in this proceeding, would you like the letters address to you and is this the best mailing address?

IP Darden I, LLC and Affiliates c/o Intersect Power, LLC 9450 SW Gemini Drive PMB #68743
Beaverton, Oregon 97008

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Tuesday, November 7, 2023 5:14 PM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Barrera, Linda@Energy <Linda.Barrera@energy.ca.gov>; Evelyn Langsdale <elangsdale@rinconconsultants.com>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>; Marisa Mitchell <marisa@intersectpower.com>
Subject: RE: Darden Clean Energy Project (23-OPT-02) opt-in application inquiry

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Ann and Lisa,

All documents have been filed.

I will definitely keep you informed on ARCHES and will coordinate with my team to get an update on the latest communications received.

Thank you,

Becky Moores

Director, Environmental & Permitting

INTERSECT POWER

(c) 303.919.6735

(e) becky.moores@intersectpower.com

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Sent: Tuesday, November 7, 2023 4:50 PM

To: Becky Moores <becky.moores@intersectpower.com>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>

Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Barrera, Linda@Energy <Linda.Barrera@energy.ca.gov>; Evelyn Langsdale <elangsdale@rinconconsultants.com>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>

Subject: RE: Darden Clean Energy Project (23-OPT-02) opt-in application inquiry

Thank you so much for that information Becky. We will copy Lindsey and Evelyn on emails to you.

Can you keep us updated on when you hear if Darden will be included in ARCHES. We are assuming that is the key detail that will determine whether the hydrogen portion goes forward. Correct us if that is not the case.

Thanks,

Lisa

From: Becky Moores <becky.moores@intersectpower.com>

Sent: Tuesday, November 7, 2023 4:01 PM

To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>

Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Barrera, Linda@Energy <Linda.Barrera@energy.ca.gov>; Evelyn Langsdale <elangsdale@rinconconsultants.com>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>

Subject: Re: Darden Clean Energy Project (23-OPT-02) opt-in application inquiry

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Hi Ann,

We are still tracking to have everything submitted today and continue to upload the various documents. GIS data has been uploaded through Kiteworks and Travis David confirmed receipt. I'll send another email when everything has been successfully filed.

The ARCHES hub was awarded funding by the DOE. While Intersect's Darden project was included in that application, ARCHES has not yet announced which projects will be selected and included in the final hub plan.

Please also include Lindsey and Evelyn from Rincon on email communications.

Thank you,

Becky Moores

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>

Sent: Tuesday, November 7, 2023 2:31:18 PM

To: Becky Moores <becky.moores@intersectpower.com>

Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Barrera, Linda@Energy <Linda.Barrera@energy.ca.gov>

Subject: Darden Clean Energy Project (23-OPT-02) opt-in application inquiry

Hi Becky,

Just checking in on a few items:

- Do you have an estimated date when the application will be completely uploaded to the docket? Friday is state holiday so staff will be out of office (Veteran's Day)
- Please notify us when you have filed the last item in the application, including the confidential material and items through kiteworks (eg. GIS data, etc.)
- Was the project a U.S. DOE Hydrogen Hub award recipient thru ARCHES?
- Please confirm all people from your team who need to be cc'd on emails from the PMs at the CEC.

Thank you for filing everything so far. Any questions please let me or Lisa Worrall know.

Thanks!

Ann

Ann Crisp
 Senior Environmental Planner
 Siting, Transmission & Environmental Protection Division
 California Energy Commission
 715 P Street
 Sacramento, CA 95814
Direct: (916) 776-7975
Fax: (916) 651-8868



From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 11/29/2023 4:01:15 PM
To: Brown, Larry@CALFIRE [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3c49ac55ceb74c179f9c1b1860db041a-CALFIREIbro]
CC: Brown, Larry@CALFIRE [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3c49ac55ceb74c179f9c1b1860db041a-CALFIREIbro]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Subject: RE: Darden Clean Energy Project Comments. 11-27-2023doc.doc

Hi Larry,

Thank you so much for your comments. I will share it with our project team and will post it to the project's docket.

Please confirm you are okay with my posting your comments to the project's docket.

Thanks,

Lisa

From: Brown, Larry@CALFIRE <Larry.Brown@fire.ca.gov>
Sent: Wednesday, November 29, 2023 7:42 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Cc: Brown, Larry@CALFIRE <Larry.Brown@fire.ca.gov>
Subject: Darden Clean Energy Project Comments. 11-27-2023doc.doc

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Lisa Worrall,
See attached comment letter. LB

If you have further questions, please contact me at (559)319-0400 Ext. 2.



Larry Brown

Senior Fire Inspector – Fresno Kings Unit
Proudly Serving Fresno and Kings County
1700 Jensen Ave Suite 103
Sanger, CA 93657
(559)319-0400 Office

From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 11/29/2023 7:46:30 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Subject: RE: Darden Clean Energy Project (23-OPT-02) request to share project GIS shape files with Department of Conservation

Wonderful. Thanks Becky.

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Wednesday, November 29, 2023 11:45 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) request to share project GIS shape files with Department of Conservation

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Hi Lisa,

I have no concerns with you providing the GIS info for the project layout to other state agencies and you can send the information to the Department of Conservation Geologic and Energy Management Division.

Thanks,

Becky Moores
INTERSECT POWER
(c) 303.919.6735

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Tuesday, November 28, 2023 5:38 PM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: Darden Clean Energy Project (23-OPT-02) request to share project GIS shape files with Department of Conservation

Hi Becky,

We have received a request from staff with the Department of Conservation Geologic and Energy Management Division for the project's GIS shape files to assist their review of the project.

I would like to share the project shape files, but want to check with you that you are okay with us sharing these files with this and other agencies (if requested).

Please advise.

Thank you,

Lisa Worrall

Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov



From: Becky Moores [becky.moores@intersectpower.com]
Sent: 11/27/2023 8:23:12 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: RE: Darden Clean Energy Project (23-OPT-02) opt-in application inquiry

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Hi Ann – yes, you can address the letters to me and the mailing address you have is correct.

Thank you,

Becky Moores
 INTERSECT POWER
 (c) 303.919.6735

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Monday, November 27, 2023 11:44 AM
To: Becky Moores <becky.moores@intersectpower.com>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) opt-in application inquiry

Hi Becky,

In preparing formal letters in this proceeding, would you like the letters address to you and is this the best mailing address?

IP Darden I, LLC and Affiliates c/o Intersect Power, LLC 9450 SW Gemini Drive PMB #68743
 Beaverton, Oregon 97008

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Tuesday, November 7, 2023 5:14 PM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Barrera, Linda@Energy <Linda.Barrera@energy.ca.gov>; Evelyn Langsdale <elangsdale@rinconconsultants.com>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>; Marisa Mitchell <marisa@intersectpower.com>
Subject: RE: Darden Clean Energy Project (23-OPT-02) opt-in application inquiry

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Ann and Lisa,

All documents have been filed.

I will definitely keep you informed on ARCHES and will coordinate with my team to get an update on the latest communications received.

Thank you,

Becky Moores

Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(e) becky.moores@intersectpower.com

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Tuesday, November 7, 2023 4:50 PM
To: Becky Moores <becky.moores@intersectpower.com>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Barrera, Linda@Energy <Linda.Barrera@energy.ca.gov>; Evelyn Langsdale <elangsdale@rinconconsultants.com>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>
Subject: RE: Darden Clean Energy Project (23-OPT-02) opt-in application inquiry

Thank you so much for that information Becky. We will copy Lindsey and Evelyn on emails to you.

Can you keep us updated on when you hear if Darden will be included in ARCHES. We are assuming that is the key detail that will determine whether the hydrogen portion goes forward. Correct us if that is not the case.

Thanks,

Lisa

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Tuesday, November 7, 2023 4:01 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Barrera, Linda@Energy <Linda.Barrera@energy.ca.gov>; Evelyn Langsdale <elangsdale@rinconconsultants.com>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) opt-in application inquiry

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Hi Ann,

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The ARCHES hub was awarded funding by the DOE. While Intersect's Darden project was included in that application, ARCHES has not yet announced which projects will be selected and included in the final hub plan.

Please also include Lindsey and Evelyn from Rincon on email communications.

Thank you,

Becky Moores

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>

Sent: Tuesday, November 7, 2023 2:31:18 PM

To: Becky Moores <becky.moores@intersectpower.com>

Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Barrera, Linda@Energy <Linda.Barrera@energy.ca.gov>

Subject: Darden Clean Energy Project (23-OPT-02) opt-in application inquiry

Hi Becky,

Just checking in on a few items:

- Do you have an estimated date when the application will be completely uploaded to the docket? Friday is state holiday so staff will be out of office (Veteran's Day)
- Please notify us when you have filed the last item in the application, including the confidential material and items through kiteworks (eg. GIS data, etc.)
- Was the project a U.S. DOE Hydrogen Hub award recipient thru ARCHES?
- Please confirm all people from your team who need to be cc'd on emails from the PMs at the CEC.

Thank you for filing everything so far. Any questions please let me or Lisa Worrall know.

Thanks!

Ann

Ann Crisp

Senior Environmental Planner

Siting, Transmission & Environmental Protection Division

California Energy Commission

715 P Street

Sacramento, CA 95814

Direct: (916) 776-7975

Fax: (916) 651-8868



From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 11/29/2023 12:38:26 AM
To: Becky Moores (becky.moores@intersectpower.com) [becky.moores@intersectpower.com]
CC: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Subject: Darden Clean Energy Project (23-OPT-02) request to share project GIS shape files with Department of Conservation

Hi Becky,

We have received a request from staff with the Department of Conservation Geologic and Energy Management Division for the project's GIS shape files to assist their review of the project.

I would like to share the project shape files, but want to check with you that you are okay with us sharing these files with this and other agencies (if requested).

Please advise.

Thank you,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov



Sent: 11/29/2023 3:52:46 PM
To: Brown, Larry@CALFIRE [Larry.Brown@fire.ca.gov]
CC: Brown, Larry@CALFIRE [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3c49ac55ceb74c179f9c1b1860db041a-CALFIRElbro]
Subject: RE: Darden Clean Energy Project Comments. 11-27-2023doc.doc

Thank you so much for your comments. I will share it with our project team and will post it to the project's docket.

From: Brown, Larry@CALFIRE <Larry.Brown@fire.ca.gov>
Sent: Wednesday, November 29, 2023 7:42 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Cc: Brown, Larry@CALFIRE <Larry.Brown@fire.ca.gov>
Subject: Darden Clean Energy Project Comments. 11-27-2023doc.doc

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Lisa Worrall,
See attached comment letter. LB

If you have further questions, please contact me at (559)319-0400 Ext. 2.



Larry Brown

Senior Fire Inspector – Fresno Kings Unit
Proudly Serving Fresno and Kings County
1700 Jensen Ave Suite 103
Sanger, CA 93657
(559)319-0400 Office

Sent: 11/30/2023 8:05:38 PM
To: Becky Moores [becky.moores@intersectpower.com]; Lindsey Sarquilla (Rincon) [lsarquilla@rinconconsultants.com]
CC: Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; Abulaban, Abdel-Karim@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c1ff1d38281a4068b2708271d22c0d94-Abulaban, A]; White, Adam@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d64512c47c48429dbdcf6845422b6bd1-74f7464f-8c]; Ackerman, James@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3cc35de240cf4253af9cc7d3d2cbb643-Ackerman, J]
Subject: RE: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

Hi Becky,

It would be best if you can submit a statement into the docket now

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Wednesday, November 29, 2023 1:45 PM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>; White, Adam@Energy <Adam.White@Energy.ca.gov>; Ackerman, James@Energy <james.ackerman@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

<p>CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.</p>

Hello Lisa,

Diligence on our end is pushing us towards the ZLD option and away from the others. Would it work to docket a formal statement along with responses to the deficiency letter?

Becky Moores
 INTERSECT POWER
 (c) 303.919.6735

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Wednesday, November 22, 2023 2:28 PM
To: Becky Moores <becky.moores@intersectpower.com>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>; Marisa Mitchell <marisa@intersectpower.com>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>; White, Adam@Energy <Adam.White@Energy.ca.gov>;

Ackerman, James@Energy <james.ackerman@energy.ca.gov>

Subject: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

Hi Becky,

Regarding your statement "at this time we are focusing on the zero liquid discharge option so you can focus your review for that one option," we want to make sure that if another brine disposal method is selected we have all the information we need on that method. As several options for brine disposal are discussed, we would want a statement put in the docket to note the selection of the zero liquid discharge option as soon as possible.

If you don't feel ready to make such a statement in the record, let us know and we can review all options until such time you select one or not. Until a statement is submitted to the docket, staff will continue to review all discharge options listed in the application.

Thanks,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov





FRESNO COUNTY FIRE

PROTECTION DISTRICT

1700 Jensen Ave, Ste 103
 Sanger, California 93657
 Telephone: (559) 319-0400
 Fax: (559) 272-2410
www.fresnocountyfire.org

November 28, 2023

Lisa Worrall
 Senior Environmental Planner
 California Energy Commission
 715 P Street, MS-40
 Sacramento, CA 95814

Transmitted by Email to: lisa.worrall@energy.ca.gov

RE: **Application Reference #:23-OPT-02**
Name of Applicant: DARDEN CLEAN ENERGY PROJECT
Address of Project:NO ADDRESS ASSIGNED
City, State & Zip of Project: CANTUA CREEK, CA

Fresno County Fire Protection District (FCFPD) has received notice of the project and will continue to review the project for its potential impacts on the FCFPD.

The project **SHALL** comply with California Code of Regulations Title 24 – Fire Code. Prior to receiving your FCFPD conditions of approval for your project, you must submit construction plans to FCFPD for review. It is the **Applicants Responsibility** to deliver a minimum of **two (2)** sets of plans to the FCFPD.

Your Project/Development may be required to annex into the Community Facilities District No. 2010-01 of the Fresno County Fire Protection District. Project/Development included: Single Family Residential (SFR), SFR Properties subdivided into three (3) or more housing units, Multi-Family Residential (MFR) Property, Commercial Property, Industrial Property, and/or Office property.

23-OPT-02
Page 2 of 2

Project/Developments will be subject to the requirements of the current Fire Code and Building Code when a building permit or certificate of occupancy is sought.

Before plans are submitted to the Fresno County Fire Protection District, please visit our website at www.fresnocountyfire.org and complete the Fire Permit Application to submit with your plans.

Please Note – requirements for your project may include but are not limited to:

Water Flow Requirements
Water Storage Requirements
Fire Pumps
Road Access
Fire Extinguisher

Fire Hydrants
Fire Sprinklers Systems
Fire Alarm Systems
Premises Identification

Please contact the FCFPD at **(559) 319-0400** to schedule an over the counter meeting to receive specific requirements for your project. Failure to schedule an appointment with the FCFPD will affect your ability to obtain final approval for your project.

Sincerely,

DUSTIN HAIL
District Fire Chief

By

Larry Brown

LARRY BROWN, SENIOR FIRE INSPECTOR

From: Becky Moores [becky.moores@intersectpower.com]
Sent: 12/6/2023 3:38:55 PM
To: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; Abulaban, Abdel-Karim@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c1ff1d38281a4068b2708271d22c0d94-Abulaban, A]; White, Adam@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d64512c47c48429dbdcf6845422b6bd1-74f7464f-8c]; Ackerman, James@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3cc35de240cf4253af9cc7d3d2cbb643-Ackerman, J]; Lindsey Sarquilla (Rincon) [lsarquilla@rinconconsultants.com]
Subject: RE: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal
Attachments: 2023.12.06_Wastewater Disposal Update.pdf

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Lisa,

See attached statement and let me know if that is sufficient and I can submit it to the docket.

Thank you,

Becky Moores
 INTERSECT POWER
 (c) 303.919.6735

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Thursday, November 30, 2023 1:32 PM
To: Becky Moores <becky.moores@intersectpower.com>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>; White, Adam@Energy <Adam.White@Energy.ca.gov>; Ackerman, James@Energy <james.ackerman@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

Hi Becky,

It would be best if you can submit a formal statement into the docket now so that we are not tripling our data requests for water resources.

Thanks,

Lisa

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Wednesday, November 29, 2023 1:45 PM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>; White, Adam@Energy <Adam.White@Energy.ca.gov>; Ackerman, James@Energy <james.ackerman@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

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Hello Lisa,

Diligence on our end is pushing us towards the ZLD option and away from the others. Would it work to docket a formal statement along with responses to the deficiency letter?

Becky Moores
 INTERSECT POWER
 (c) 303.919.6735

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Wednesday, November 22, 2023 2:28 PM
To: Becky Moores <becky.moores@intersectpower.com>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>; Marisa Mitchell <marisa@intersectpower.com>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>; White, Adam@Energy <Adam.White@Energy.ca.gov>; Ackerman, James@Energy <james.ackerman@energy.ca.gov>
Subject: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

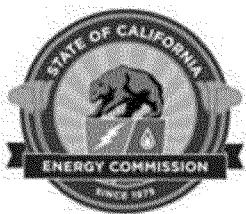
Hi Becky,

Regarding your statement "at this time we are focusing on the zero liquid discharge option so you can focus your review for that one option," we want to make sure that if another brine disposal method is selected we have all the information we need on that method. As several options for brine disposal are discussed, we would want a statement put in the docket to note the selection of the zero liquid discharge option as soon as possible.

If you don't feel ready to make such a statement in the record, let us know and we can review all options until such time you select one or not. Until a statement is submitted to the docket, staff will continue to review all discharge options listed in the application.

Thanks,

Lisa Worrall
 Senior Environmental Planner
 California Energy Commission
 Siting, Transmission and Environmental Protection Division
 715 P Street, MS-40, Sacramento, CA 95814
 Direct: (916) 661-8367
 Email: lisa.worrall@energy.ca.gov





December 6, 2023

**Subject: 23-OPT-02 Darden Clean Energy Project Opt-In Application –
Wastewater Management Update**

Application materials submitted in November 2023 for the Darden Clean Energy Project, including *Section 5.13, Water Resources* and *Appendix S – Water Supply Assessment*, stated the following:

As noted, water quality treatment is required for feedstock water; this is because the process of electrolysis requires very high-quality feedstock water. Therefore, the Project would include an on-site reverse osmosis (RO) and Electrode ionization (EDI) system for water quality treatment. The RO/EDI system would concentrate dissolved solids existing in the raw water feedstock, while extracting pure water from the feedstock. The waste stream produced by this process is a brine that is higher in total dissolved solids (TDS) than the raw water feedstock, and would need to be disposed of. Several options for brine disposal are currently being considered, including disposal via deep injection well, disposal by discharge to land, incorporating a zero-liquid discharge system that would produce solid waste for disposal, among others.

After further diligence and analysis of options for disposal of wastewater resulting from processing of water for the hydrogen electrolyzer, the applicant has opted to pursue zero-liquid discharge for brine treatment and is no longer considering other options for wastewater disposal.

IP Darden I, LLC and Affiliates
c/o Intersect Power, LLC

From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 12/7/2023 4:04:44 PM
To: Becky Moores [becky.moores@intersectpower.com]
Subject: RE: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

Hi Becky,

Our water resources staff would like to know if there are other wastewater streams that won't be treated with the ZLD system? If not, you may want to add that into the statement.

Thanks,

Lisa

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Wednesday, December 6, 2023 7:39 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>; White, Adam@Energy <Adam.White@Energy.ca.gov>; Ackerman, James@Energy <james.ackerman@energy.ca.gov>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>
Subject: RE: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

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Thank you,

Becky Moores
INTERSECT POWER
(c) 303.919.6735

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Sent: Thursday, November 30, 2023 1:32 PM
To: Becky Moores <becky.moores@intersectpower.com>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>; White, Adam@Energy <Adam.White@Energy.ca.gov>; Ackerman, James@Energy <james.ackerman@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

Hi Becky,

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Lisa

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Sent: Wednesday, November 29, 2023 1:45 PM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>; White, Adam@Energy <Adam.White@Energy.ca.gov>; Ackerman, James@Energy <james.ackerman@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

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Hello Lisa,

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Becky Moores
 INTERSECT POWER
 (c) 303.919.6735

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Wednesday, November 22, 2023 2:28 PM
To: Becky Moores <becky.moores@intersectpower.com>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>; Marisa Mitchell <marisa@intersectpower.com>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>; White, Adam@Energy <Adam.White@Energy.ca.gov>; Ackerman, James@Energy <james.ackerman@energy.ca.gov>
Subject: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

Hi Becky,

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If you don't feel ready to make such a statement in the record, let us know and we can review all options until such time you select one or not. Until a statement is submitted to the docket, staff will continue to review all discharge options listed in the application.

Thanks,

Lisa Worrall
 Senior Environmental Planner
 California Energy Commission
 Siting, Transmission and Environmental Protection Division

715 P Street, MS-40, Sacramento, CA 95814

Direct: (916) 661-8367

Email: lisa.worrall@energy.ca.gov



From: Vela, Cameron@NAHC [Cameron.Vela@nahc.ca.gov]
Sent: 12/1/2023 2:18:30 AM
To: Roark, Gabriel@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ed87ff1e22cd49f3aaff644c82538d46-Roark, Gabr]
Subject: Darden Clean Energy Project
Attachments: Darden Clean Energy Project List 11.30.2023.xlsx; SLF No Darden Clean Energy Project 11.30.2023.pdf

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Good Afternoon,

Attached is the response to the project referenced above. If you have any additional questions, please feel free to contact our office email at nahc@nahc.ca.gov.

Thank You,

Cameron Vela

Native American Heritage Commission

1550 Harbor Blvd., Suite 100

West Sacramento, CA 95691

Cameron.vela@nahc.ca.gov

Direct Line: (916) 573-0168

Office: (916) 373-3710

County	Tribe Name	Fed (F) Non-Fed (N)	Contact Person
Fresno	North Valley Yokuts Tribe	N	Jessica Murga, Tribal Secretary
	North Valley Yokuts Tribe	N	Erolinda Perez, Tribal Administrator
	North Valley Yokuts Tribe	N	Timothy Perez, Tribal Compliance Officer
	North Valley Yokuts Tribe	N	John Murga, Tribal Historian
	Santa Rosa Rancheria Tachi Yokut Tribe	F	Shana Powers, THPO
	Santa Rosa Rancheria Tachi Yokut Tribe	F	Nichole Escalon, Cultural Specialist I
	Santa Rosa Rancheria Tachi Yokut Tribe	F	Samantha McCarty, Cultural Specialist II
	Table Mountain Rancheria	F	Brenda Lavell, Chairperson
	Table Mountain Rancheria	F	Bob Pennell, Cultural Resource Director
	Tule River Indian Tribe	F	Neil Peyron, Chairperson
	Tule River Indian Tribe	F	Joey Garfield, Tribal Archaeologist

	Tule River Indian Tribe	F	Kerri Vera, Environmental Department
	Wuksachi Indian Tribe/Eshom Valley Band	N	Kenneth Woodrow, Chairperson

This list is current only as of the date of this document. Distribution of this list does not relieve any person of

This list is only applicable for contacting local Native

**Native American Heritage Commission
Native American Contact List
Fresno County
11/30/2023**

Contact Address	Phone #	Fax #
990 N. Fine Rd Linden, CA, 95236	(209) 401-6250	
P.O. Box 717 Linden, CA, 95236	(209) 649-3155	
P.O. Box 717 Linden, CA, 95236	(209) 662-2788	
P.O. Box 717 Linden, CA, 95236	(209) 479-0546	
P.O. Box 8 Lemoore, CA, 93245	(559) 423-3900	
P.O. Box 8 Lemoore, CA, 93245	(559) 924-1278	
P.O. Box 8 Lemoore, CA, 93245	(559) 633-3440	
P.O. Box 410 Friant, CA, 93626	(559) 822-2587	(559) 822-2693
P.O. Box 410 Friant, CA, 93626	(559) 325-0351	(559) 325-0394
P.O. Box 589 Porterville, CA, 93258	(559) 781-4271	(559) 781-4610
P. O. Box 589 Porterville, CA, 93258	(559) 783-8892	(559) 783-8932

P. O. Box 589 Porterville, CA, 93258	(559) 783-8892	(559) 783-8932
1179 Rock Haven Ct. Salinas, CA, 93906	(831) 443-9702	
<p>of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, S</p> <p>Americans with regard to cultural resources assessment for the proposed Darden Clear</p>		

Email Address	Cultural Affiliation	Counties	
	Costanoan Northern Valley Yokut	Alameda, Calaveras, Contra Costa, Fresno, Madera, Mariposa, Merced, Sacra mento, San Benito, San Joaquin, Santa	
arr0604w@verizon.net	Costanoan Northern Valley Yokut	Alameda, Calaveras, Contra Costa, Fresno, Madera, Mariposa, Merced, Sacra mento, San Benito, San Joaquin, Santa	
huskanam@gmail.com	Costanoan Northern Valley Yokut	Alameda, Calaveras, Contra Costa, Fresno, Madera, Mariposa, Merced, Sacra mento, San Benito, San Joaquin, Santa	
johnmurga824@gmail.com	Costanoan Northern Valley Yokut	Alameda, Calaveras, Contra Costa, Fresno, Madera, Mariposa, Merced, Sacra mento, San Benito, San Joaquin, Santa	
spowers@tachi-yokut-nsn.gov	Southern Valley Yokut	Fresno, Kern, Kings, Merced, Monterey, San Benito, San Luis Obispo, Tulare	
nescalone@tachi-yokut-nsn.gov	Southern Valley Yokut	Fresno, Kern, Kings, Merced, Monterey, San Benito, San Luis Obispo, Tulare	
smccarty@tachi-yokut-nsn.gov	Southern Valley Yokut	Fresno, Kern, Kings, Merced, Monterey, San Benito, San Luis Obispo, Tulare	
rpennell@tmr.org	Yokut	Fresno, Madera, Merced	
rpennell@tmr.org	Yokut	Fresno, Madera, Merced	
neil.peyron@tulerivertribe- nsn.gov	Yokut	Alameda, Amador, Calaveras, Contra Costa, Fresno, Inyo, Kern, Kings, Madera, Maripos a, Merced, Monterey, Sacramento, San	
joey.garfield@tulerivertribe- nsn.gov	Yokut	Alameda, Amador, Calaveras, Contra Costa, Fresno, Inyo, Kern, Kings, Madera, Maripos a, Merced, Monterey, Sacramento, San	

kerri.vera@tulerivertribe-nsn.gov	Yokut	Alameda,Amador,Calaveras,Contra Costa,Fresno,Inyo,Kern,Kings,Madera,Mariposa,Merced,Monterey,Sacramento,San
kwood8934@aol.com	Foothill Yokut Mono	Alameda,Calaveras,Contra Costa,Fresno,Inyo,Kings,Madera,Marin,Mariposa,Merced,Mono,Monterey,San Benito,San
Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code. n Energy Project, Fresno County.		Record Repd

Last Updated
11/21/2023
11/21/2023
11/21/2023
11/21/2023
10/3/2023
10/3/2023
10/3/2023
7/22/2016

7/22/2016
6/19/2023
id: PROJ-2023-005793 rt Type: List of Tribes Counties: Fresno NAHC Group: All

STATE OF CALIFORNIA

Gavin Newsom, Governor

NATIVE AMERICAN HERITAGE COMMISSION

November 30, 2023

Gabriel Roark
California Energy Commission

Via Email to: gabriel.roark@energy.ca.gov

Re: Darden Clean Energy Project, Fresno County

Dear Mr. Roark:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were negative. However, the absence of specific site information in the SLF does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated; if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call or email to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from tribes, please notify me. With your assistance, we can assure that our lists contain current information.

If you have any questions or need additional information, please contact me at my email address: Cameron.vela@nahc.ca.gov.

Sincerely,

Cameron Vela

Cameron Vela
Cultural Resources Analyst

Attachment



CHAIRPERSON
Reginald Pagaling
Chumash

VICE-CHAIRPERSON
Buffy McQuillen
Yokayo Pomo, Yuki,
Nomlaki

SECRETARY
Sara Dutschke
Miwok

PARLIAMENTARIAN
Wayne Nelson
Luiseño

COMMISSIONER
Isaac Bojorquez
Ohlone-Costanoan

COMMISSIONER
Stanley Rodriguez
Kumeyaay

COMMISSIONER
Laurena Bolden
Serrano

COMMISSIONER
Reid Milanovich
Cahuilla

COMMISSIONER
Vacant

EXECUTIVE SECRETARY
Raymond C. Hitchcock
Miwok, Nisenan

NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710
nahc@nahc.ca.gov
NAHC.ca.gov

From: Becky Moores [becky.moores@intersectpower.com]
Sent: 12/8/2023 6:04:40 PM
To: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
CC: Abulaban, Abdel-Karim@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c1ff1d38281a4068b2708271d22c0d94-Abulaban, A]; Ackerman, James@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3cc35de240cf4253af9cc7d3d2cbb643-Ackerman, J]; White, Adam@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d64512c47c48429dbdcf6845422b6bd1-74f7464f-8c]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Lindsey Sarquilla (Rincon) [lsarquilla@rinconconsultants.com]
Subject: RE: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Got it, for other wastewater streams the O&M building/s would have septic systems and the limited water used for panel washing would not be managed since it would be absorbed into the ground and/or evaporate.

Becky Moores
 INTERSECT POWER
 (c) 303.919.6735

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Friday, December 8, 2023 10:32 AM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>; Ackerman, James@Energy <james.ackerman@energy.ca.gov>; White, Adam@Energy <Adam.White@Energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

Becky,

Our staff are specifically inquiring about wastewater streams like PV panels washing or other non-electrolizer wastewater streams, not solid waste.

Thanks,

Lisa

From: Worrall, Lisa@Energy
Sent: Friday, December 8, 2023 9:19 AM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>; Ackerman, James@Energy <james.ackerman@energy.ca.gov>; White, Adam@Energy <Adam.White@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

Hi Becky,

Thanks for this clarification. You can go ahead and docket your statement. That would be very helpful.

Thanks,

Lisa

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Friday, December 8, 2023 8:16 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

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Hi Lisa - this updated statement is just for the wastewater generated from the feedstock water for the hydrogen electrolyzer. Other waste streams are discussed in Section 5.11 Waste Management, and if there are questions beyond that I assume they will be included in your deficiency letter? Or are there more details I can provide today?

Becky Moores
 INTERSECT POWER
 (c) 303.919.6735

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Thursday, December 7, 2023 9:05 AM
To: Becky Moores <becky.moores@intersectpower.com>
Subject: RE: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

Hi Becky,

Our water resources staff would like to know if there are other wastewater streams that won't be treated with the ZLD system? If not, you may want to add that into the statement.

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Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>; White, Adam@Energy <Adam.White@Energy.ca.gov>; Ackerman, James@Energy <james.ackerman@energy.ca.gov>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>
Subject: RE: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Lisa,

See attached statement and let me know if that is sufficient and I can submit it to the docket.

Thank you,

Becky Moores
INTERSECT POWER
(c) 303.919.6735

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Sent: Thursday, November 30, 2023 1:32 PM

To: Becky Moores <becky.moores@intersectpower.com>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>

Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>; White, Adam@Energy <Adam.White@Energy.ca.gov>; Ackerman, James@Energy <james.ackerman@energy.ca.gov>

Subject: RE: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

Hi Becky,

It would be best if you can submit a formal statement into the docket now so that we are not tripling our data requests for water resources.

Thanks,

Lisa

From: Becky Moores <becky.moores@intersectpower.com>

Sent: Wednesday, November 29, 2023 1:45 PM

To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>

Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>; White, Adam@Energy <Adam.White@Energy.ca.gov>; Ackerman, James@Energy <james.ackerman@energy.ca.gov>

Subject: RE: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

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Hello Lisa,

Diligence on our end is pushing us towards the ZLD option and away from the others. Would it work to docket a formal statement along with responses to the deficiency letter?

Becky Moores
INTERSECT POWER
(c) 303.919.6735

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Sent: Wednesday, November 22, 2023 2:28 PM

To: Becky Moores <becky.moores@intersectpower.com>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>; Marisa Mitchell <marisa@intersectpower.com>

Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>; White, Adam@Energy <Adam.White@Energy.ca.gov>;

Ackerman, James@Energy <james.ackerman@energy.ca.gov>

Subject: Darden Clean Energy Project (23-OPT-02) Selection of zero liquid discharge for brine disposal

Hi Becky,

Regarding your statement "at this time we are focusing on the zero liquid discharge option so you can focus your review for that one option," we want to make sure that if another brine disposal method is selected we have all the information we need on that method. As several options for brine disposal are discussed, we would want a statement put in the docket to note the selection of the zero liquid discharge option as soon as possible.

If you don't feel ready to make such a statement in the record, let us know and we can review all options until such time you select one or not. Until a statement is submitted to the docket, staff will continue to review all discharge options listed in the application.

Thanks,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov



From: Becky Moores [becky.moores@intersectpower.com]
Sent: 12/14/2023 7:51:28 PM
To: Hesters, Mark@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=adc98e7718ae442bab67f41b128d006-Hesters, Ma]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
CC: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; Edirisuriya, Sudath@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a5d6cd74e9024972b122d8344f69b3a8-Edirisuriya]
Subject: RE: Darden Clean Energy Project (23-OPT-02) PG&E contact

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Mark,

Thank you for the additional background. I am circling up with my internal team tomorrow and will respond to you on these items when I have the information pulled together.

Best,

Becky Moores
 INTERSECT POWER
 (c) 303.919.6735

From: Hesters, Mark@Energy <Mark.Hesters@energy.ca.gov>
Sent: Wednesday, December 13, 2023 11:36 AM
To: Becky Moores <becky.moores@intersectpower.com>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Edirisuriya, Sudath@Energy <sudath.edirisuriya@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) PG&E contact

You don't often get email from mark.hesters@energy.ca.gov. [Learn why this is important](#)

Energy Commission staff rely on the ISO Phase 1/Phase 2 studies to identify whether or not transmission facilities past the first point of interconnection with the existing network are required by the ISO and PG&E. For Darden, the first point of interconnection is the new "PG&E" 500 kV switchyard and line modifications into the switchyard, those are under CEC jurisdiction. The interconnection of the Darden project might require upgrades beyond this first point of interconnection (downstream) and we need to know what those upgrades might be and if it is determined that the upgrades are reasonably foreseeable consequences of Darden, then we would consider them connected actions. Because the ISO studies analyze clusters of generating projects, some interpretation is required to determine upgrades associated with any individual generator.

The Phase 1 study has not been submitted (we know the Phase 2 is in process for Cluster 14). We don't yet know if there are downstream upgrades that are reasonably foreseeable consequences of the Darden project (not the cluster) but if there are, we will likely need to talk with someone at PG&E.

We are also trying to get out in front of issues that may arise with the ownership/operation agreement with PG&E on the new 500 kV switchyard and line modifications. These are the facilities that would be constructed by Darden and then owned and operated by PG&E. We are unsure whether modifications of the PG&E facilities would require approval by the CPUC and how PG&E ownership/operation would impact our ability to oversee and monitor these facilities. This ownership arrangement could also affect the way we would write conditions of certification. Thus we looking for a copy of the agreement with PG&E and a PG&E contact.

Thanks for sending the PG&E contact information.

Mark Hesters
California Energy Commission
(916) 931-8942

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Wednesday, December 13, 2023 9:43 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Hesters, Mark@Energy <Mark.Hesters@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Edirisuriya, Sudath@Energy <sudath.edirisuriya@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) PG&E contact

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Hi Lisa,

Our assigned PG&E project manager is Martín Ortiz Mzmv@pge.com

Can you describe further what you mean regarding contacts for “potential downstream upgrades”?

I am following up on your second question on PG&E’s application type and will get back to you on that.

Thank you,

Becky Moores

Director, Environmental & Permitting

INTERSECT POWER
 (c) 303.919.6735
 (e) becky.moores@intersectpower.com

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Tuesday, December 12, 2023 11:55 AM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Hesters, Mark@Energy <Mark.Hesters@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Edirisuriya, Sudath@Energy <sudath.edirisuriya@energy.ca.gov>
Subject: Darden Clean Energy Project (23-OPT-02) PG&E contact

Hi Becky,

When you get a chance, can you send me your PG&E contact person for Darden, including anyone we might want to reach out to regarding potential downstream upgrades.

We are also interested to know what type of application PG&E will be filing with the CPUC for Darden CAISO connected electric facilities (exemption, permit to construct, or CPCN)

Thanks so much,

Lisa Worrall

Senior Environmental Planner

California Energy Commission

Siting, Transmission and Environmental Protection Division

715 P Street, MS-40, Sacramento, CA 95814

Direct: (916) 661-8367

Email: lisa.worrall@energy.ca.gov



From: Becky Moores [becky.moores@intersectpower.com]
Sent: 12/13/2023 6:43:59 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]
Subject: RE: Darden Clean Energy Project (23-OPT-02) - RCI email inquiry

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Hi Ann,

I appreciate the heads up so I can keep an eye out for outreach from Keith and RCI. I'll pull in my community engagement lead to that conversation as well.

Best,

Becky Moores
 INTERSECT POWER
 (c) 303.919.6735

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Wednesday, December 13, 2023 11:29 AM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: Darden Clean Energy Project (23-OPT-02) - RCI email inquiry

Hi Becky,

We wanted to let you know we received an email from Keith Bergthold with Regenerate California Innovation Inc. (RCI) with a request to connect RCI with Darden principals so they can discuss the community benefits of the project.

We will respond to Keith and relay the contact information from the docketed "Cover Letter and CEC Opt-In Application Crosswalk Matrix (TN 253030-1)" which listed you and Marisa Mitchell as contacts.

Please let us know if you have any questions,

Ann

Ann Crisp

Senior Environmental Planner

Siting, Transmission & Environmental Protection Division

California Energy Commission

715 P Street

Sacramento, CA 95814

Direct: (916) 776-7975

Fax: (916) 651-8868



Sent: 12/13/2023 5:58:28 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Hesters, Mark@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=adc98e7718ae442babc67f41b128d006-Hesters, Ma]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; Edirisuriya, Sudath@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a5d6cd74e9024972b122d8344f69b3a8-Edirisuriya]
Subject: RE: Darden Clean Energy Project (23-OPT-02) PG&E contact

Thanks Becky. Potential downstream upgrades may need to be made to existing transmission lines and other electrical components. This is information that is determined in the Phase II Interconnection Study that is anticipated in December, according to the Executive Summary of the application. These upgrades may be necessary to interconnect Darden to the grid and maintain reliability of the electric system.

Mark or Sudath can correct me if I have mis-characterized these potential upgrades.

Lisa

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Wednesday, December 13, 2023 9:44 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Hesters, Mark@Energy <Mark.Hesters@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Edirisuriya, Sudath@Energy <sudath.edirisuriya@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) PG&E contact

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Lisa,

Our assigned PG&E project manager is Martín Ortiz Mzmvmv@pge.com

Can you describe further what you mean regarding contacts for “potential downstream upgrades”?

I am following up on your second question on PG&E’s application type and will get back to you on that.

Thank you,

Becky Moores

Director, Environmental & Permitting

INTERSECT POWER

(c) 303.919.6735

(e) becky.moores@intersectpower.com

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Sent: Tuesday, December 12, 2023 11:55 AM

To: Becky Moores <becky.moores@intersectpower.com>

Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Hesters, Mark@Energy <Mark.Hesters@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Edirisuriya, Sudath@Energy <sudath.edirisuriya@energy.ca.gov>

Subject: Darden Clean Energy Project (23-OPT-02) PG&E contact

Hi Becky,

When you get a chance, can you send me your PG&E contact person for Darden, including anyone we might want to reach out to regarding potential downstream upgrades.

We are also interested to know what type of application PG&E will be filing with the CPUC for Darden CAISO connected electric facilities (exemption, permit to construct, or CPCN)

Thanks so much,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov



From: Roark, Gabriel@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=ED87FF1E22CD49F3AAFF644C82538D46-ROARK, GABR]
Sent: 12/13/2023 4:41:45 PM
To: Vela, Cameron@NAHC [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3343ea68cd834083975c901d9011f4a3-NAHCCameron]
Subject: RE: Darden Clean Energy Project

Thank you, Cameron!

Gabriel

From: Vela, Cameron@NAHC <Cameron.Vela@nahc.ca.gov>
Sent: Thursday, November 30, 2023 6:19 PM
To: Roark, Gabriel@Energy <gabriel.roark@energy.ca.gov>
Subject: Darden Clean Energy Project

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Afternoon,

Attached is the response to the project referenced above. If you have any additional questions, please feel free to contact our office email at nahc@nahc.ca.gov.

Thank You,

Cameron Vela

Native American Heritage Commission
1550 Harbor Blvd., Suite 100
West Sacramento, CA 95691
Cameron.vela@nahc.ca.gov
Direct Line: (916) 573-0168
Office: (916) 373-3710

From: Marisa Mitchell [marisa@intersectpower.com]
Sent: 12/20/2023 11:33:11 PM
To: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Becky Moores [becky.moores@intersectpower.com]
CC: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Hughes, Joseph@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7dd5e80572b644209e9607ba7bdc630-Hughes, Jos]
Subject: Re: Darden Clean Energy Project (23-OPT-02) Question on DR AQ-1

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Thank you! That helps immensely.

Marisa Mitchell
 Head of Environmental and Permitting
 INTERSECT POWER
 415.846.0730
 marisa@intersectpower.com
www.linkedin.com/in/marisa-n-mitchell

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Wednesday, December 20, 2023 11:42 AM
To: Becky Moores <becky.moores@intersectpower.com>; Marisa Mitchell <marisa@intersectpower.com>
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>
Subject: FW: Darden Clean Energy Project (23-OPT-02) Question on DR AQ-1

Hi Becky and Marisa,

The email below is the response from our air quality supervisor regarding coordination with SJAPCD.

Lisa

From: Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>
Sent: Wednesday, December 20, 2023 11:30 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Ding, Yifan@Energy <Yifan.Ding@Energy.ca.gov>; Record, Jacquelyn@Energy <Jacquelyn.Record@energy.ca.gov>
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) Question on DR AQ-1

Hi Lisa,

The background to DR AQ-1 and AQ-2 explains that, but for the California Energy Commission's (CEC's) jurisdiction and in lieu authority set forth in Public Resources Code section 25545.1(b)(1), any state or local air quality permit that would have been issued from the San Joaquin Valley Air Pollution Control District (District or SJVAPCD) will be incorporated into the CEC's certification. To facilitate the District's review of the project, the applicant can file with the District, the information required to obtain relevant permits. To ensure the District's requirements and mitigation are contained in the CEC's Environmental Impact Report (EIR) and certification, if

the project is approved, staff needs copies of all correspondence between the applicant and the District in a timely manner to stay up to date on any issues that arise prior to completion of the environmental document.

Although the CEC's license is in lieu of the District's permit to operate, we will need the District to provide a determination of compliance or an engineering evaluation that explains how the projects would comply with local LORS and provides that conditions that would otherwise be included in the permits so we can fold those requirements into our license.

Intersect Power should work with SJVAPCD to provide the necessary information the district would require to issue the PTOs/engineering evaluation. Since this is a new process for all, and since the air district's responsibility is different for our AFC projects, maybe a call between the applicant, air district and CEC would help the process.

Thoughts?

Thanks,
Joey

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Sent: Wednesday, December 20, 2023 11:02 AM

To: Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>; Ding, Yifan@Energy <Yifan.Ding@Energy.ca.gov>; Record, Jacquelyn@Energy <Jacquelyn.Record@energy.ca.gov>

Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>

Subject: Darden Clean Energy Project (23-OPT-02) Question on DR AQ-1

Hi guys,

We just finished a meeting with Intersect Power, which is the first of the weekly meetings we PMs will have in January with them. Becky Moores was wondering what they needed to submit to SJAPCD at this time.

They haven't consulted with SJAPCD on this project. It was her understanding that under AB 205 the CEC would do the permitting and an application for a permit would not be needed until after CEQA was complete. She also understood permits would be obtained closer to operations.

What does Intersect need to do re SJAPCD?

Not sure if it is more efficient to meet with Becky. If so, let me know soon so I can set up a meeting in early Jan.

Thanks,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov



From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 12/21/2023 9:53:17 PM
To: Becky Moores [becky.moores@intersectpower.com]; Marisa Mitchell [marisa@intersectpower.com]
CC: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Dave Daitch (Rincon) [ddaitch@rinconconsultants.com]; Christina Shushnar (Rincon) [cshushnar@rinconconsultants.com]
Subject: RE: Meeting times to discuss for Darden Clean Energy Project biology data requests

Hi Becky,

One more thing. Can you provide us with the specific topics and data request numbers you wish to discuss by Dec 27th so our staff can prepare for the meeting.

I will be out of town from tomorrow and will return Jan 2, so make sure you include Ann on the email of topics so she can distribute.

Thanks,

Lisa

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, December 21, 2023 1:33 PM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Marisa Mitchell <marisa@intersectpower.com>
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Dave Daitch (Rincon) <ddaitch@rinconconsultants.com>; Christina Shushnar (Rincon) <cshushnar@rinconconsultants.com>
Subject: Re: Meeting times to discuss for Darden Clean Energy Project biology data requests

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Hi Lisa,

That sounds great. Let's schedule the 9:30, and please include Dave and Christina, cc'ed.

Thank you,

Becky Moores

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Thursday, December 21, 2023 12:48:01 PM
To: Becky Moores <becky.moores@intersectpower.com>; Marisa Mitchell <marisa@intersectpower.com>
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: Meeting times to discuss for Darden Clean Energy Project biology data requests

Hi Becky and Marisa,

For efficiency purposes, we think it is best to include CDFW staff in the meeting to discuss biology data requests as the data requests were prepared in coordination with CDFW and CEC staff.

Both CDFW and CEC staff are available on Jan 2 between 9:30 and 12pm.

If you are available during those times, I suggest we meet first for the first 25 minutes at 9:30 to discuss general project concerns, then at 10 we can move over to the biology meeting with biology staff from CDFW, the CEC, and your staff.

Let me know if this all works for you and I can set up the meetings.

Thanks,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov



From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 12/15/2023 11:02:44 PM
To: Becky Moores (becky.moores@intersectpower.com) [becky.moores@intersectpower.com]
CC: Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Subject: Darden Clean Energy Project (23-OIPT-02) Request for recurring meetings for data responses

Hi Becky,

I received your call requesting recurring meetings to discuss the project and data request as we work through the process and for a larger call to go through some of the data requests.

What frequency do you want the meetings? We can always change the frequency when needed.

Do you have preferred days or times? Monday's are not good for us as we have several weekly meetings on Monday. We can set up meetings with technical staff as needed.

Are there any data requests that you already know you want to discuss?

Let us know. Thanks,

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Sent: 12/21/2023 9:03:42 PM
To: spowers@tachi-yokut-nsn.gov; nescalone@tachi-yokut-nsn.gov; smccarty@tachi-yokut-nsn.gov
Subject: Darden Clean Energy Project (23-OPT-02) Courtesy Tribal Notification
Attachments: Darden_CourtesyTribalInformalNotice.pdf

Hello,

The California Energy Commission has received an Opt-in application for the proposed Darden Clean Energy Project (23-OPT-02). This project is proposed in unincorporated Fresno County.

Please see the attached document for more information about the project and opt-in certification process.

The CEC staff welcomes your comments and questions. Please do not hesitate to contact Assistant Tribal Liaison, Gabriel Roark, at (916) 237-2544 or by email at gabriel.roark@energy.ca.gov.

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Subject: Opt-in Certification for Darden Clean Energy Project (23-OPT-02)

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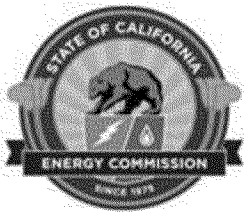
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To: spowers@tachi-yokut-nsn.gov
Subject: Darden Clean Energy Project (23-OPT-02) Courtesy Tribal Notification
Attachments: Darden_CourtesyTribalInformalNotice.pdf

Hello Shana,

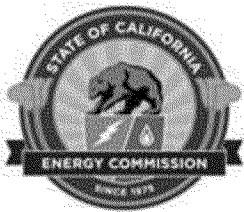
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The CEC is required to make its decision on whether to certify the project within 270 days of receiving a *complete* application. The CEC staff has begun its review of the application, which has not been deemed complete at this time. Once the application is deemed complete, the 270-day clock to make the final project decision will begin. During this time, the CEC staff will evaluate the proposed project and no later than five days of deeming the application complete, the CEC staff will send formal letters to California Native American tribes inviting tribes to consult with the CEC about the project. Consultation between California Native American tribes and the CEC will proceed according to the requirements of Public Resources Code, sections 21080.3.1, 21080.3.2, 21082.3, and 25545.7.4 (CEQA and the Warren-Alquist Act).

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Participation

The CEC welcomes public participation in the Opt-in review process. A copy of the Darden Clean Energy Project Opt-in application as well as other project materials, can be found on the project's CEC website at <https://www.energy.ca.gov/powerplant/solar-photovoltaic-pv/darden-clean-energy-project>. To stay informed about this project and receive notice of upcoming meetings and workshops, sign up to the project subscription, which can be accessed on the same project webpage. Once enrolled, automatic email notifications are sent when documents and notices are posted to the project webpage.

The CEC staff welcomes your comments and questions. Please do not hesitate to contact Assistant Tribal Liaison, Gabriel Roark, at (916) 237-2544 or by email at gabriel.roark@energy.ca.gov.

From: Samantha McCarty [SMcCarty@tachi-yokut-nsn.gov]
Sent: 12/21/2023 11:39:12 PM
To: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
CC: Shana Powers [SPowers@tachi-yokut-nsn.gov]; Nichole Escalon [nescalon@tachi-yokut-nsn.gov]
Subject: Re: Darden Clean Energy Project (23-OPT-02) Courtesy Tribal Notification
Attachments: Darden_CourtesyTribalInformalNotice.pdf

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Lisa,

Thank you for notifying us about this. We will respond once we have a chance to review.

As for Nichole's email address it's: nescalon@tachi-yokut-nsn.gov and I've cc'd her and our director Shana Powers in this email. Please let me know if you're having any other issues with the emails. Our security system has had a few new updates and some aspects have been struggling.

Happy holidays!

Sincerely,

Samantha McCarty

Santa Rosa Rancheria Tachi-Yokut Tribe

Cultural Specialist II

SMcCarty@tachi-yokut-nsn.gov

Cell: (559) 633-6640

Direct Line: (559) 925-2591

Office: (559) 924-1278 x 4091

***PLEASE KEEP ALL CULTURAL STAFF IN EMAILS UNLESS STATED OTHERWISE**

***Santa Rosa Rancheria Government Offices will be closed from December 23rd to January 1st for the holiday season. Please keep in mind that this means that no one from the Cultural Department will be in office and no monitors will be available for any projects. If you have any questions, comments, and/or concerns please send us an email and we will get back to you as soon as we can once we return from holiday on January 2nd. If it is an urgent matter please call Cultural Department Director/Tribal Historic Preservation Officer Shana Powers at Cell: (559)423-3900.**

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Thursday, December 21, 2023 1:25 PM
To: Samantha McCarty <SMcCarty@tachi-yokut-nsn.gov>
Subject: FW: Darden Clean Energy Project (23-OPT-02) Courtesy Tribal Notification

Hello Samantha,

The California Energy Commission has received an Opt-in application for the proposed Darden Clean Energy Project (23-OPT-02). This project is proposed in unincorporated Fresno County.

Please see the attached document for more information about the project and opt-in certification process.

The CEC staff welcomes your comments and questions. Please do not hesitate to contact Assistant Tribal Liaison, Gabriel Roark, at (916) 237-2544 or by email at gabriel.roark@energy.ca.gov.

By the way, I tried several times to sent this notice to Nichole Escalon but was unsuccessful. Is she still interested in receiving notices about proposed projects in western Fresno County? If so, would you mind sharing this notice with her? I have her email address as nescalone@tachi-yokut-nsn.gov. I also tried without the e at the end of her name, but neither were deliverable. I would be interested in a better email address to reach her.

Thank you,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov





**CALIFORNIA
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Subject: Opt-in Certification for Darden Clean Energy Project (23-OPT-02)

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Sent: 12/21/2023 9:03:42 PM
To: spowers@tachi-yokut-nsn.gov; nescalone@tachi-yokut-nsn.gov; smccarty@tachi-yokut-nsn.gov
BCC: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Roark, Gabriel@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ed87ff1e22cd49f3aaff644c82538d46-Roark, Gabr]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]
Subject: Darden Clean Energy Project (23-OPT-02) Courtesy Tribal Notification
Attachments: Darden_CourtesyTribalInformalNotice.pdf

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Thank you,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov





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Sent: 12/21/2023 9:11:59 PM
To: nescalone@tachi-yokut-nsn.gov
Subject: FW: Darden Clean Energy Project (23-OPT-02) Courtesy Tribal Notification
Attachments: Darden_CourtesyTribalInformalNotice.pdf

Hello Nichole,

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Thank you,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
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715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
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Sent: 12/21/2023 9:10:16 PM
To: nescalone@tachi-yokut-nsn.gov
Subject: Darden Clean Energy Project (23-OPT-02) Courtesy Tribal Notification
Attachments: Darden_CourtesyTribalInformalNotice.pdf

Hello Nichole,

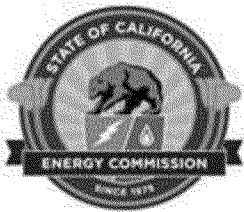
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RESOURCES
AGENCY**

Subject: Opt-in Certification for Darden Clean Energy Project (23-OPT-02)

In a series of filings from November 3 through November 9, 2023, IP Darden I LLC and Affiliates (IP Darden) filed an application with the California Energy Commission (CEC) seeking certification from the CEC through the Opt-In process for the Darden Clean Energy project (23-OPT-02) proposed in western Fresno County, California. The project would be located in an agricultural area of unincorporated Fresno County south of the community of Cantua Creek.

Project Description

The Darden Clean Energy Project consists of a 1,150-megawatt (MW) solar photovoltaic (PV) facility, an up to 4,600 megawatt-hour (MWh) battery energy storage system (BESS), an up to 1,150 MW green hydrogen generator, a 34.5-500 kilovolt (kV) grid step-up substation, a 10- to 15-mile 500 kV generation intertie (gen-tie) line, and a 500 kV utility switching station. The project would interconnect to the existing Pacific Gas and Electric Company (PG&E) Los Banos-Midway #2 500 kV transmission line.

The solar PV facility would be made up of approximately 3,100,000 solar panels, inverter-transformer stations, and an electrical collection system, and would be located on approximately 9,000 acres of lands currently owned by Westlands Water District that would be purchased by IP Darden. The 500 kV gen-tie line would be sited within an approximate 200-foot-wide easement on private lands. Following construction of the utility switchyard by IP Darden, ownership and operations would transfer to PG&E. The BESS would be capable of storing up to 1,150 MW of electricity for four hours (up-to 4,600 MWh). The green hydrogen facility would be located on up to 225 acres and would consist of an electrolyzer, water treatment plant, and ancillary equipment. The electrolyzer would be powered by up to 1,150 MW of behind-the-meter renewable power generated by the solar facility and would be capable of producing up to 220 tonnes per day of pure, gaseous hydrogen.

CEC Jurisdiction and Opt-In Process

On June 30, 2022, Governor Gavin Newsom signed Assembly Bill (AB) 205, which authorized the CEC to establish a new certification program for eligible non-fossil-fueled power plants and related facilities to optionally seek certification ("Opt-in" Certification) from the CEC. Requirements for the Opt-in Certification program are in Chapter 6.2, Division 15, of the Public Resources Code, sections 25545–25545.13. Regulations to implement the program can be found in

California Code of Regulations, Title 20, sections 1875–1882. The Opt-in Certification program is in effect through June 30, 2029.

Under this new Opt-in Certification process, the types of facilities that can be certified by the CEC now include solar PV and terrestrial wind energy power plants of 50 MW or more, energy storage facilities of 200 MWh or more, the electric transmission lines from these facilities to the first point of interconnection with the existing transmission grid, and facilities that manufacture or assemble clean energy or storage technologies or their components with a capital investment of at least \$250 million. In addition, thermal power plants of 50 MW or more that do not use fossil or nuclear fuels may choose the Opt-in Certification process rather than the CEC's Application for Certification process.

The CEC is the lead agency under the California Environmental Quality Act (CEQA) and is required to prepare an environmental impact report (EIR) for any facility that elects to opt-in to the CEC's jurisdiction. With exceptions, the issuance of a certificate by the CEC for an eligible facility is in lieu of any permit, certificate, or similar document required by any state, local, or regional agency, or federal agency to the extent permitted by federal law, and supersedes any applicable statute, ordinance, or regulation of any state, local, or regional agency, or federal agency to the extent permitted by federal law. The CEC's authority under the Opt-in Certification program does not supersede the authorities of the California State Lands Commission, the California Coastal Commission, or the San Francisco Bay Conservation and Development Commission, if applicable, the State Water Resources Control Board or applicable regional water quality control board, or, in the case of manufacturing facilities, the applicable local air quality management district or the Department of Toxic Substances Control.

The CEC is required to make its decision on whether to certify the project within 270 days of receiving a *complete* application. The CEC staff has begun its review of the application, which has not been deemed complete at this time. Once the application is deemed complete, the 270-day clock to make the final project decision will begin. During this time, the CEC staff will evaluate the proposed project and no later than five days of deeming the application complete, the CEC staff will send formal letters to California Native American tribes inviting tribes to consult with the CEC about the project. Consultation between California Native American tribes and the CEC will proceed according to the requirements of Public Resources Code, sections 21080.3.1, 21080.3.2, 21082.3, and 25545.7.4 (CEQA and the Warren-Alquist Act).

The CEC will also host public meetings in the project area, including an informational and public scoping meeting during the development of the EIR,

and a public meeting during the 60-day comment period on the Draft EIR, which will be included as part of the CEC's Staff Assessment of the application. After the conclusion of the public comment period, the CEC staff will publish an updated Staff Assessment (which will include a Final EIR), and the CEC's Executive Director's recommendation on whether the CEC should certify the EIR and issue a certificate for construction and operation of the proposed project. The updated Staff Assessment and Executive Director's recommendation will be published at least 30 days before the CEC's consideration at a public meeting.

At the business meeting the Commissioners will formally decide whether to certify the EIR and grant a certification for construction and operation of the proposed project. Should the certification be granted, other agencies that retain their permitting authorities must take final action on any additional permits within 90 days of the CEC issuing a certificate.

Participation

The CEC welcomes public participation in the Opt-in review process. A copy of the Darden Clean Energy Project Opt-in application as well as other project materials, can be found on the project's CEC website at <https://www.energy.ca.gov/powerplant/solar-photovoltaic-pv/darden-clean-energy-project>. To stay informed about this project and receive notice of upcoming meetings and workshops, sign up to the project subscription, which can be accessed on the same project webpage. Once enrolled, automatic email notifications are sent when documents and notices are posted to the project webpage.

The CEC staff welcomes your comments and questions. Please do not hesitate to contact Assistant Tribal Liaison, Gabriel Roark, at (916) 237-2544 or by email at gabriel.roark@energy.ca.gov.

From: Roark, Gabriel@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=ED87FF1E22CD49F3AAFF644C82538D46-ROARK, GABR]
Sent: 12/20/2023 9:26:57 PM
To: Vela, Cameron@NAHC [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3343ea68cd834083975c901d9011f4a3-NAHCCameron]
Subject: RE: Darden Clean Energy Project

Hello,

I was reviewing the contact list and have a couple of questions about the North Valley Yokuts Tribe.

1. One "Erolinda Perez" is listed as tribal administrator on the contact list. Prior to this, going back 25 years, Katherine Erolinda Perez served as the tribal chairperson for the North Valley Yokuts Tribe. Can you confirm the name and title, please?
2. Jessica Murga does not have an email address listed. Is that correct?

Many thanks,

Gabriel

From: Vela, Cameron@NAHC <Cameron.Vela@nahc.ca.gov>
Sent: Thursday, November 30, 2023 6:19 PM
To: Roark, Gabriel@Energy <gabriel.roark@energy.ca.gov>
Subject: Darden Clean Energy Project

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Afternoon,

Attached is the response to the project referenced above. If you have any additional questions, please feel free to contact our office email at nahc@nahc.ca.gov.

Thank You,

Cameron Vela

Native American Heritage Commission
1550 Harbor Blvd., Suite 100
West Sacramento, CA 95691
Cameron.vela@nahc.ca.gov
Direct Line: (916) 573-0168
Office: (916) 373-3710

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 12/27/2023 9:39:33 PM
To: Becky Moores [becky.moores@intersectpower.com]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
CC: Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Marisa Mitchell [marisa@intersectpower.com]; Dave Daitch (Rincon) [ddaitch@rinconconsultants.com]; Christina Shushnar (Rincon) [cshushnar@rinconconsultants.com]
Subject: Re: Meeting times to discuss for Darden Clean Energy Project biology data requests

Hi Becky,

Thanks for this info, I will pass on to the biological resources staff and the CDFW contacts. If any other questions come up please let me know and I will add to the agenda.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Wednesday, December 27, 2023 11:59 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Marisa Mitchell <marisa@intersectpower.com>; Dave Daitch (Rincon) <ddaitch@rinconconsultants.com>; Christina Shushnar (Rincon) <cshushnar@rinconconsultants.com>
Subject: RE: Meeting times to discuss for Darden Clean Energy Project biology data requests

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Ann and Lisa,

The biology data requests we would like to discuss are listed below. We addressed many of the topics in the Appendix Q Biological Resources Assessment, but can confirm with your team during the call if additional information is needed.

Bio 3-4, 7, 9-17, 20-22, 25-27, 31, 35, 37-38, 40-41, 43, 44, 46.

Thank you,

Becky Moores
 INTERSECT POWER
 (c) 303.919.6735

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Thursday, December 21, 2023 2:53 PM
To: Becky Moores <becky.moores@intersectpower.com>; Marisa Mitchell <marisa@intersectpower.com>
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Dave Daitch (Rincon) <ddaitch@rinconconsultants.com>; Christina Shushnar (Rincon) <cshushnar@rinconconsultants.com>
Subject: RE: Meeting times to discuss for Darden Clean Energy Project biology data requests

Hi Becky,

One more thing. Can you provide us with the specific topics and data request numbers you wish to discuss by Dec 27th so our staff can prepare for the meeting.

I will be out of town from tomorrow and will return Jan 2, so make sure you include Ann on the email of topics so she can distribute.

Thanks,

Lisa

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, December 21, 2023 1:33 PM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Marisa Mitchell <marisa@intersectpower.com>
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Dave Daitch (Rincon) <ddaitch@rinconconsultants.com>; Christina Shushnar (Rincon) <cshushnar@rinconconsultants.com>
Subject: Re: Meeting times to discuss for Darden Clean Energy Project biology data requests

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Hi Lisa,

That sounds great. Let's schedule the 9:30, and please include Dave and Christina, cc'ed.

Thank you,

Becky Moores

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Thursday, December 21, 2023 12:48:01 PM
To: Becky Moores <becky.moores@intersectpower.com>; Marisa Mitchell <marisa@intersectpower.com>
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: Meeting times to discuss for Darden Clean Energy Project biology data requests

Hi Becky and Marisa,

For efficiency purposes, we think it is best to include CDFW staff in the meeting to discuss biology data requests as the data requests were prepared in coordination with CDFW and CEC staff.

Both CDFW and CEC staff are available on Jan 2 between 9:30 and 12pm.

If you are available during those times, I suggest we meet first for the first 25 minutes at 9:30 to discuss general project concerns, then at 10 we can move over to the biology meeting with biology staff from CDFW, the CEC, and your staff.

Let me know if this all works for you and I can set up the meetings.

Thanks,

Lisa Worrall
 Senior Environmental Planner
 California Energy Commission

Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov



From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 12/29/2023 7:26:13 PM
To: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Watson, Carol@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=84e32d50c7dc47d89812b468a50090ed-Watson, Car]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Stroud, Andrea@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9703ce11dc9547c78c64f22894500b5c-Martine, An]; Dave Daitch (Rincon) [ddaitch@rinconconsultants.com]; Christina Shushnar (Rincon) [cshushnar@rinconconsultants.com]; Becky Moores [becky.moores@intersectpower.com]; Marisa Mitchell [marisa@intersectpower.com]; Wakeman, Donovan@Wildlife [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ea932fbeeada4e2a8c4f7fb48a2a96a0-f495410a-65]; Mulligan, Rhiannon@Wildlife [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a62a013861764f1e8556eaf023a2cc94-WildlifeRhi]; Vang, Jim@Wildlife [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=32237e96460546779116e0d64096b692-WildlifeJim]; Bonner, Lawrence(Larry)@Wildlife [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1869dadea1e4452e9802a366a8cd9d2a-WildlifeLaw]
CC: Swanberg, Carrie@Wildlife [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=14e182d204a9453892624e45297fac1e-WildlifeCar]
Subject: Re: Darden Intersect/CEC Biology Meeting Re Data Requests
Attachments: Agenda_Darden_BIO_DR questions_01022024.docx

Hi all - please find attached a brief agenda for the meeting on Jan 2.

Wishing you a Happy New Year!

Ann

From: Worrall, Lisa@Energy
Sent: Wednesday, December 20, 2023 10:35 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Watson, Carol@Energy <Carol.Watson@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Stroud, Andrea@Energy <Andrea.Stroud@energy.ca.gov>; Dave Daitch (Rincon) <ddaitch@rinconconsultants.com>; Christina Shushnar (Rincon) <cshushnar@rinconconsultants.com>; Becky Moores <becky.moores@intersectpower.com>; Marisa Mitchell <marisa@intersectpower.com>; Wakeman, Donovan@Wildlife <Donovan.Wakeman@Wildlife.ca.gov>; Mulligan, Rhiannon@Wildlife <Rhiannon.Mulligan@Wildlife.ca.gov>; Vang, Jim@Wildlife <Jim.Vang@wildlife.ca.gov>; Bonner, Lawrence(Larry)@Wildlife <Lawrence.Bonner@Wildlife.ca.gov>
Cc: Swanberg, Carrie@Wildlife <Carrie.Swanberg@wildlife.ca.gov>
Subject: Darden Intersect/CEC Biology Meeting Re Data Requests
When: Tuesday, January 2, 2024 10:00 AM-12:00 PM.
Where: Microsoft Teams Meeting

Intersect would like to meet with biology staff to discuss data requests. More information to follow regarding specific topics of discussion.

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Darden Clean Energy Project
Biological Resources Data Requests Discussion
January 2, 2024 – 10 AM

Invitees:

- Applicant's representatives – Marisa Mitchell, Director, Environmental & Permitting (IP Darden I, LLC); Becky Moores, Vice President, Environmental & Permitting (IP Darden I, LLC); Dave Daitch (Rincon); Christina Shushnar (Rincon)
- CDFW staff – Larry Bonner, Sr. Environmental Scientist (Supervisor); Carrie Swanberg, Sr. Environmental Scientist (Supervisor); Rhiannon Mulligan, Sr. Environmental Scientist (Specialist); Jim Vang, Sr. Environmental Scientist (Specialist); and Donovan Wakeman, Environmental Scientist.
- CEC staff – Eric Knight, Branch Manager of Siting and Environmental Branch; Carol Watson, Staff Biologist; Andrea Stroud, Staff Biologist; Ann Crisp, Project Manager; and Lisa Worrall, Project Manager.

1. Meeting opening

- Brief introductions, purpose of meeting, raise hand feature on Teams, and meeting notes format.

2. Discussion of the following Biological Resources Data Requests:

- DR BIO-3 to DR BIO-4,
- DR BIO-7,
- DR BIO-9 to DR BIO-17,
- DR BIO-20 to 22,
- DR BIO-25 to DR BIO-27,
- DR BIO-31,
- DR BIO-35,
- DR BIO-37 to DR BIO-38,
- DR BIO-40 to DR BIO-41,
- DR BIO-43,
- DR BIO-44, and
- DR BIO-46.

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 1/4/2024 8:26:19 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Fw: Darden Intersect/CEC Biology Meeting Re Data Requests

Hi Becky,

Thanks so much for a productive meeting on Tuesday. Just checking in the meeting notes? Will you be distributing to the meeting group for review?

Thanks!

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Friday, December 29, 2023 11:26 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Watson, Carol@Energy <Carol.Watson@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Stroud, Andrea@Energy <Andrea.Stroud@energy.ca.gov>; Dave Daitch (Rincon) <ddaitch@rinconconsultants.com>; Christina Shushnar (Rincon) <cshushnar@rinconconsultants.com>; Becky Moores <becky.moores@intersectpower.com>; Marisa Mitchell <marisa@intersectpower.com>; Wakeman, Donovan@Wildlife <Donovan.Wakeman@Wildlife.ca.gov>; Mulligan, Rhiannon@Wildlife <Rhiannon.Mulligan@Wildlife.ca.gov>; Vang, Jim@Wildlife <Jim.Vang@wildlife.ca.gov>; Bonner, Lawrence(Larry)@Wildlife <Lawrence.Bonner@Wildlife.ca.gov>
Cc: Swanberg, Carrie@Wildlife <Carrie.Swanberg@wildlife.ca.gov>
Subject: Re: Darden Intersect/CEC Biology Meeting Re Data Requests

Hi all - please find attached a brief agenda for the meeting on Jan 2.

Wishing you a Happy New Year!

Ann

From: Worrall, Lisa@Energy
Sent: Wednesday, December 20, 2023 10:35 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Watson, Carol@Energy <Carol.Watson@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Stroud, Andrea@Energy <Andrea.Stroud@energy.ca.gov>; Dave Daitch (Rincon) <ddaitch@rinconconsultants.com>; Christina Shushnar (Rincon) <cshushnar@rinconconsultants.com>; Becky Moores <becky.moores@intersectpower.com>; Marisa Mitchell <marisa@intersectpower.com>; Wakeman, Donovan@Wildlife <Donovan.Wakeman@Wildlife.ca.gov>; Mulligan, Rhiannon@Wildlife <Rhiannon.Mulligan@Wildlife.ca.gov>; Vang, Jim@Wildlife <Jim.Vang@wildlife.ca.gov>; Bonner, Lawrence(Larry)@Wildlife <Lawrence.Bonner@Wildlife.ca.gov>
Cc: Swanberg, Carrie@Wildlife <Carrie.Swanberg@wildlife.ca.gov>
Subject: Darden Intersect/CEC Biology Meeting Re Data Requests
When: Tuesday, January 2, 2024 10:00 AM-12:00 PM.
Where: Microsoft Teams Meeting

Intersect would like to meet with biology staff to discuss data requests. More information to follow regarding specific topics of discussion.

Microsoft Teams meeting

Join on your computer, mobile app or room device

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[+1 916-306-7589,,165131500#](#) United States, Sacramento

Phone Conference ID: 165 131 500#

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From: Becky Moores [becky.moores@intersectpower.com]
Sent: 1/3/2024 8:28:49 PM
To: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
CC: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Marisa Mitchell [marisa@intersectpower.com]
Subject: RE: Darden Clean Energy Project (23-OPT-02) Question about cultural survey boundaries (associated with Data Requests)

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Thank you, this definitely helps and we can provide clarification in our response on the items your team listed.

Becky Moores
 INTERSECT POWER
 (c) 303.919.6735

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Wednesday, January 3, 2024 11:56 AM
To: Becky Moores <becky.moores@intersectpower.com>; Marisa Mitchell <marisa@intersectpower.com>
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: FW: Darden Clean Energy Project (23-OPT-02) Question about cultural survey boundaries (associated with Data Requests)

Hi all,

Here is the response from our cultural staff. Hopefully this is helpful.

Thanks,

Lisa

From: Anmarie Medin <medin@pacificlegacy.com>
Sent: Wednesday, January 3, 2024 10:20 AM
To: schell <schell@pacificlegacy.com>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Roark, Gabriel@Energy <gabriel.roark@energy.ca.gov>
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Paul Miller <pmiller@therchgroup.com>
Subject: RE: Darden Clean Energy Project (23-OPT-02) Question about cultural survey boundaries (associated with Data Requests)

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Hello team, Gabriel and I just talked and he authorized me to answer this question. I've added Paul Miller of RCH Group to keep him in the loop. Gabriel please add to this if I've missed anything.

Intersect staff do not reference a specific Data Request number, but this appears to be in response to DR CUL/TRI-9 and DR CUL/TRI-10. Briefly, all areas that are project components (including solar facility, transmission lines, and any related infrastructure improvements) should be subject to full pedestrian survey and inventory. It appears the Data

inconsistency regards the 200 foot buffer required by Appendix B(g)(2)(C). Figure 5.1-1 depicts a black dashed line for Archaeological Survey Requirement and an orange dashed line for Archaeological Survey Coverage. In many places those two lines do not match up. For example Figure 5.1-1g (Mapbook Page 7) depicts the survey coverage as inside the Solar Facility footprint in Sections 15 and 16, but in Section 21 it is outside the footprint and not as far as the black line. Please explain these discrepancies, such as if there is a mapping error (difficulty in depicting lines at this mapping scale), no permission to enter, or other factors that limited coverage. Elaborate on whether there is enough information to determine whether any cultural resources might exist within these unexamined areas and whether they might be impacted by the project. While there is some discretion for coverage in the 200 foot buffer (that must be explained in the methods and results narrative), the Solar Facility itself should be inventoried in its entirety.

Hopefully this addresses Intersect's question.

Regards, Anmarie

Anmarie Medin, M.A, RPA #10969

Senior Historical Archaeologist

4919 Windplay Dr., Ste 4 | El Dorado Hills, CA 95762

medin@pacificlegacy.com

(916) 717-4077 (m)

www.pacificlegacy.com

From: Samantha Schell <schell@pacificlegacy.com>

Sent: Tuesday, January 2, 2024 1:58 PM

To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Roark, Gabriel@Energy <gabriel.roark@energy.ca.gov>;

Anmarie Medin <medin@pacificlegacy.com>

Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>

Subject: RE: Darden Clean Energy Project (23-OPT-02) Question about cultural survey boundaries (associated with Data Requests)

Thank you for your email.

I'm including Anmarie Medin, Pacific Legacy staff that is leading our effort on this project.

Samantha

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Sent: Tuesday, January 2, 2024 1:54 PM

To: Roark, Gabriel@Energy <gabriel.roark@energy.ca.gov>; Samantha Schell <schell@pacificlegacy.com>

Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>

Subject: Darden Clean Energy Project (23-OPT-02) Question about cultural survey boundaries (associated with Data Requests)

Hi guys,

Happy New Year. I hope you had a nice break over the holidays.

In January Ann and I are having weekly meetings with Intersect staff to resolve any questions they have on our data requests.

Intersect staff had a question about the cultural survey boundaries. They had visual access to a lot of the survey areas with an exception to properties with orchards and for those properties they only had visual to the first row of trees. Is this approach to cultural surveys acceptable? Do you have any directions you want me to relay to Intersect staff?

Please let me know so I can relay your response to Intersect staff.

Thanks,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov



From: Becky Moores [becky.moores@intersectpower.com]
Sent: 1/4/2024 7:21:10 PM
To: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Lindsey Sarquilla (Rincon) [lsarquilla@rinconconsultants.com]
Subject: RE: Darden Clean Energy Project (23-OPT-02) Possible meeting times and dates for AQ data request discussion

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Lisa and Ann,

The data requests we would like to discuss tomorrow include:

DR AQ-2
DR AQ-3, 4, 5, 12
DR AQ-11

Thank you,

Becky Moores
INTERSECT POWER
(c) 303.919.6735

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Wednesday, January 3, 2024 12:06 PM
To: Becky Moores <becky.moores@intersectpower.com>; Marisa Mitchell <marisa@intersectpower.com>
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) Possible meeting times and dates for AQ data request discussion

Great. Thanks Becky. I will send out an invitation shortly.

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Wednesday, January 3, 2024 11:04 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Marisa Mitchell <marisa@intersectpower.com>
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) Possible meeting times and dates for AQ data request discussion

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Lisa,

This Friday at 9:00am works well. I will send you the list of data requests for discussion later today.

Thank you,

Becky Moores
INTERSECT POWER
(c) 303.919.6735

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Sent: Tuesday, January 2, 2024 3:14 PM

To: Marisa Mitchell <marisa@intersectpower.com>; Becky Moores <becky.moores@intersectpower.com>

Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>

Subject: Darden Clean Energy Project (23-OPT-02) Possible meeting times and dates for AQ data request discussion

Hi Becky and Marisa,

Here is our availability for the AQ discussion.

Thursday Jan 4 2-2:30

Friday Jan 5 9-12 1-2:30

Thursday Jan 11 10-10:30, 11:30-12, 1-2:30

Friday Jan 12 10-12

Tuesday Jan 16 10-12, 1-2:30

Let me know what times and days work with your schedule.

Thanks,

Lisa Worrall

Senior Environmental Planner

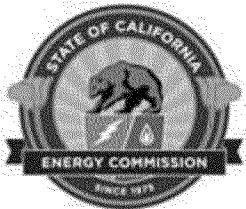
California Energy Commission

Siting, Transmission and Environmental Protection Division

715 P Street, MS-40, Sacramento, CA 95814

Direct: (916) 661-8367

Email: lisa.worrall@energy.ca.gov



From: Becky Moores [becky.moores@intersectpower.com]
Sent: 1/4/2024 7:41:51 PM
To: Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Fooks, Brett@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=870df74143964b71ada0039bf13c5a9a-Fooks, Bret]; Hughes, Joseph@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7dd5e80572b644209e9607ba7bdc630-Hughes, Jos]
CC: Brian Parrish [brian@intersectpower.com]; Daniel Yanchus [daniel@intersectpower.com]; Tarik Ibrahim [tarik.ibrahim@intersectpower.com]
Subject: RE: Darden - Post Certification Process

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello,

Following up on items from our call in early December to see if you can send your general conditions or a compliance matrix and an example monthly report. We are refining our project schedule and would like to work these timeframes in. If there are any additional items you can provide to help in understanding the post certification process please send them our way.

Thank you,

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(e) becky.moores@intersectpower.com

From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 1/9/2024 11:06:42 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Darden Clean Energy Project (23-OPT-02) - PM meeting 1/9/24

Hi Becky,

Thanks for meeting today, wanted to follow up on the meeting topics and any action items. Just confirming that you will send a list of permits that you have questions on whether they would be folded into our conditions of certification vs. those that would be issued by another entity, per the standard process?

Also, based on staff's past coordination with SJVAPCD it may be a good option to contact a manager in the Permit Dept instead of Compliance (Jason Lawler). Here are two options:

Mark Montelongo, Manager - Central Region (559) 230-5905 mark.montelongo@valleyair.org
Errol Villegas, Manager - Central Region (559) 230-5900 errol.villegas@valleyair.org

We look forward to review of the meeting notes for BIO and AQ. If you have any questions, please let us know.

Talk soon - Ann

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 1/8/2024 11:19:28 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Darden Clean Energy Project (23-OPT-02) Possible meeting times and dates for AQ data request discussion

Hi Becky,

Thank you and your consultants for a very productive meeting to discuss your Air Quality data request questions. During the meeting it was mentioned that the applicant intended to submit draft data request responses prior to docketing for staff to review.

While staff can address specific questions from the applicant if data requests are unclear, staff is not able to review draft data responses in advance of filing final responses. Any responses filed into the docket are considered by staff to be the final version and will be reviewed accordingly. The CEC's 30-day review to determine acceptance of the data responses as complete commences when the final data responses are filed. Please file all batches of data requests to the docket as a final version.

Any questions, please let me know.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, January 4, 2024 11:21 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>
Subject: RE: Darden Clean Energy Project (23-OPT-02) Possible meeting times and dates for AQ data request discussion

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Lisa and Ann,

The data requests we would like to discuss tomorrow include:

DR AQ-2
DR AQ-3, 4, 5, 12
DR AQ-11

Thank you,

Becky Moores
INTERSECT POWER
(c) 303.919.6735

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Wednesday, January 3, 2024 12:06 PM
To: Becky Moores <becky.moores@intersectpower.com>; Marisa Mitchell <marisa@intersectpower.com>
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) Possible meeting times and dates for AQ data request discussion

Great. Thanks Becky. I will send out an invitation shortly.

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Wednesday, January 3, 2024 11:04 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Marisa Mitchell <marisa@intersectpower.com>
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) Possible meeting times and dates for AQ data request discussion

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Hi Lisa,

This Friday at 9:00am works well. I will send you the list of data requests for discussion later today.

Thank you,

Becky Moores
INTERSECT POWER
(c) 303.919.6735

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Tuesday, January 2, 2024 3:14 PM
To: Marisa Mitchell <marisa@intersectpower.com>; Becky Moores <becky.moores@intersectpower.com>
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: Darden Clean Energy Project (23-OPT-02) Possible meeting times and dates for AQ data request discussion

Hi Becky and Marisa,

Here is our availability for the AQ discussion.

Thursday Jan 4 2-2:30
Friday Jan 5 9-12 1-2:30

Thursday Jan 11 10-10:30, 11:30-12, 1-2:30
Friday Jan 12 10-12

Tuesday Jan 16 10-12, 1-2:30

Let me know what times and days work with your schedule.

Thanks,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division

715 P Street, MS-40, Sacramento, CA 95814

Direct: (916) 661-8367

Email: lisa.worrall@energy.ca.gov



From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 1/11/2024 5:15:08 PM
To: Becky Moores [becky.moores@intersectpower.com]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Darden Clean Energy Project AQ data request discussion

Hi Becky - thanks for these - we will review internally and let you know if we have any additions.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Wednesday, January 10, 2024 4:27 PM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: RE: Darden Clean Energy Project AQ data request discussion

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Lisa and Ann,

Notes from the air quality discussion are attached for your review.

Thank you,

Becky Moores
INTERSECT POWER
(c) 303.919.6735

-----Original Appointment-----

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Wednesday, January 3, 2024 12:36 PM
To: Worrall, Lisa@Energy; Hughes, Joseph@Energy; Record, Jacquelyn@Energy; Ding, Yifan@Energy; Crisp, Ann@Energy; Marisa Mitchell; Becky Moores
Cc: Knight, Eric@Energy; Evelyn Langsdale; Lindsey Sarquilla (Rincon)
Subject: Darden Clean Energy Project AQ data request discussion
When: Friday, January 5, 2024 9:00 AM-10:00 AM (UTC-08:00) Pacific Time (US & Canada).
Where: Microsoft Teams Meeting

Intersect staff would like to discuss some of our data requests for air quality. More information on the specific data requests for discussion will follow.

****Updated info**

These are the DRs that Intersect would like to discuss.

DR AQ-2

DR AQ-3, 4, 5, 12

DR AQ-11

Microsoft Teams meeting

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Passcode: wCjeWp

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Phone Conference ID: 987 660 788#

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From: Knight, Eric@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BE42548337F44852A291A9845F226F62-KNIGHT, ERI]
Sent: 1/10/2024 10:27:21 PM
To: Becky Moores [becky.moores@intersectpower.com]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: RE: 23-OPT-02 Darden - Other Permits

Thank you Becky. We'll get back to you shortly.

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Wednesday, January 10, 2024 12:31 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: 23-OPT-02 Darden - Other Permits

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello,

Please advise if the CEC will have authority over the permits listed below, or if these authorizations will still need to be obtained through Fresno County.

- Floodplain Development Permit/Approval
- Road Use Agreement for construction
- Public ROW Easement/Encroachment permits

Thank you,

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(e) becky.moores@intersectpower.com

From: Becky Moores [becky.moores@intersectpower.com]
Sent: 1/10/2024 8:30:51 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]
Subject: 23-OPT-02 Darden - Other Permits

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- Floodplain Development Permit/Approval
- Road Use Agreement for construction
- Public ROW Easement/Encroachment permits

Thank you,

Becky Moores

Director, Environmental & Permitting

INTERSECT POWER

(c) 303.919.6735

(e) becky.moores@intersectpower.com

From: Becky Moores [becky.moores@intersectpower.com]
Sent: 1/11/2024 12:27:51 AM
To: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Subject: RE: Darden Clean Energy Project AQ data request discussion
Attachments: 23-OPT-02_Darden_Air Quality Meeting Notes_01.05.2024.docx

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Lisa and Ann,

Notes from the air quality discussion are attached for your review.

Thank you,

Becky Moores
INTERSECT POWER
(c) 303.919.6735

-----Original Appointment-----

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Wednesday, January 3, 2024 12:36 PM
To: Worrall, Lisa@Energy; Hughes, Joseph@Energy; Record, Jacquelyn@Energy; Ding, Yifan@Energy; Crisp, Ann@Energy; Marisa Mitchell; Becky Moores
Cc: Knight, Eric@Energy; Evelyn Langsdale; Lindsey Sarquilla (Rincon)
Subject: Darden Clean Energy Project AQ data request discussion
When: Friday, January 5, 2024 9:00 AM-10:00 AM (UTC-08:00) Pacific Time (US & Canada).
Where: Microsoft Teams Meeting

Intersect staff would like to discuss some of our data requests for air quality. More information on the specific data requests for discussion will follow.

****Updated info**

These are the DRs that Intersect would like to discuss.

DR AQ-2

DR AQ-3, 4, 5, 12

DR AQ-11

Microsoft Teams meeting

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+1 916-306-7589,,987660788# United States, Sacramento

Phone Conference ID: 987 660 788#

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Darden Clean Energy Project (23-OPT-02)
Air Quality Data Request Discussion

Date: January 5, 2024

Time: 9:00 to 10:00 am

Location: Microsoft Teams

Attendees:

Eric Knight, California Energy Commission (CEC)	Yifan Ding, CEC
Joseph Hughes, CEC	Becky Moores, Intersect Power
Lisa Worrall, CEC	Lindsey Sarquilla, Rincon Consultants
Ann Crisp, CEC	Evelyn Langsdale, Rincon Consultants
Jacquelyn Record, CEC	

Meeting Minutes

- Data Requests discussed throughout the meeting include:

DR AQ-2	DR AQ-5	DR BIO-20
DR AQ-3	DR AQ-11	DR EFF-1
DR AQ-4	DR AQ-12	DR PH-5
- DR AQ-2 calls for a completeness determination letter from the San Joaquin Valley Air Pollution Control District (SJVAPCD). It is the Applicant's understanding that this completeness determination is related to an application that would be for the emergency backup generators for the project.
- Rincon described that typically for similar projects, applicants navigate through CEQA by analyzing and modeling equipment with an expectation that the project would submit a permit application to SJVAPCD and obtain permits closer to construction, when more specific detail on the equipment that will be used is known. The air quality DRs are asking for information much earlier in the process than it is typically provided.
- It is the Applicant's understanding that DR AQ-3 through AQ-12 are generally asking for the same level of detail on the backup generators as would be required for an SJVAPCD application.
- Intersect noted the emergency backup generators would only be used in emergency situations of complete power outages where there would be no other power (renewable or from the grid) to safely shut down the hydrogen generator. The generators would not be used for any other purposes other than a safety backup features and regular required testing.
- The application materials included an air quality analysis that modeled generators of typical horsepower and size, but the exact model of generator that will be used for the project is not known at this time.
- The analysis used default emission factors in CalEEMod for emergency generators using the horsepower class of the proposed generators, resulting in conservative, worst case estimates of generator emissions. The Applicant anticipates that the SJVAPCD would determine the tier of generator and best available control technology requirements through the permitting process.
- There are three locations being considered for the hydrogen facility and the location of the generators within these footprints has not been finalized.

- CEC noted that on data center projects, applicants often model Tier 2 equipment, but in order to effectively analyze Tier 4 equipment you have to know when the selective catalytic reduction (SCR) system becomes effective. It is likely SJVAPCD would require Tier 4 generators, which means there will be ammonia tanks onsite.
- Rincon proposed a path forward in which a high-level, worst case analysis is conducted and mitigation is incorporated to layout what is required to obtain an SJVAPCD permit and commit to meeting those requirements closer to construction.
- CEC noted their certification requirements and CEQA requirements are different and the CEC process always requires analysis to determine that there would not be an exceedance of ambient air quality standards, typically going above and beyond what is required by CEQA.
- Rincon stated specifications from a typical generator could be used since the type of generator has not yet been identified. These would then be used with a “most likely” or “worst case” location for a generator. CEC confirmed they are comfortable with using ATCM requirements as a typical.
- CEC noted that for SCR, a quantitative analysis of ammonia emissions is required. SCRs have different specifications depending on the vendor and he suggested a reasonable argument would need to be made based on a review of multiple likely vendors. The Applicant noted this approach would also apply to addressing DR AQ-4 and AQ-5.
- The CEC noted that an evaluation/mock permit acknowledging that the project equipment would meet SJVAPCD requirements needs to be incorporated into CEC’s certification of the project. CEC stated acknowledgement from SJVAPCD that they have the information they need from the Applicant to provide a determination of concurrence is needed for project review and evaluation. The CEC noted that this will be a new process for SJVAPCD. It was agreed that a meeting with CEC, Intersect, Rincon, and SJVAPCD should be arranged to discuss the situation.
- Other DRs that were reviewed related to the backup generators were EFF-1, BIO-20, and PH-5. The approach to these would be similar to that discussed for the air quality DRs. For PH-5, CEC noted that the location of the generators would be needed for the analysis and suggested analyzing the various location options and picking the worst potential point locations to allow for a conservative analysis. If results are less than significant in the worst-case location analysis, there is a potential path where changes in location could be analyzed qualitatively.
- Rincon noted that a screening level analysis was conducted and included in the application for the generators for operations, and it was below screening level thresholds. CEC suggested that while the application analyzed bulk emissions, an analysis of ground level concentrations would be needed to demonstrate impact are less than significant.
- The team discussed DR AQ-11, related to the requirement for an air dispersion analysis (AAQA) for all pollutants. Rincon noted a screening level analysis was conducted and with mitigation emissions were reduced to below thresholds, with the exception of carbon monoxide (CO), which was analyzed in an AAQA and determined to not result in exceedances of air quality standards. Based on the Applicant’s understanding of the Appendix B requirements (Section I (i) and (ii)), an AAQA would not be required for the other pollutants. CEC noted that in Appendix B Section I(i) and (ii) “screening modeling” meant a screening level air dispersion analysis, such as AERSCREEN, and not a screening level analysis using CalEEMod. CEC typically goes above and beyond what is recommended by a local APCD for a CEQA analysis and requires AAQA to analyze air quality impacts.

From: Becky Moores [becky.moores@intersectpower.com]
Sent: 1/10/2024 8:26:51 PM
To: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Subject: RE: Darden Intersect/CEC Biology Meeting Re Data Requests
Attachments: 23-OPT-02_Darden_Biological Resources_Meeting Notes_01.02.2024.docx

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Ann and Lisa,

Attached are summary notes from the biology meeting for your review.

Thank you,

Becky Moores
 INTERSECT POWER
 (c) 303.919.6735

-----Original Appointment-----

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Thursday, December 21, 2023 2:48 PM
To: Worrall, Lisa@Energy; Crisp, Ann@Energy; Watson, Carol@Energy; Knight, Eric@Energy; Stroud, Andrea@Energy; Dave Daitch (Rincon); Christina Shushnar (Rincon); Becky Moores; Marisa Mitchell; Wakeman, Donovan@Wildlife; Mulligan, Rhiannon@Wildlife; Vang, Jim@Wildlife; Bonner, Lawrence(Larry)@Wildlife
Subject: Darden Intersect/CEC Biology Meeting Re Data Requests
When: Tuesday, January 2, 2024 10:00 AM-12:00 PM (UTC-08:00) Pacific Time (US & Canada).
Where: Microsoft Teams Meeting

Intersect would like to meet with biology staff to discuss data requests. More information to follow regarding specific topics of discussion.

Microsoft Teams meeting

From: Fooks, Brett@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=870df74143964b71ada0039bf13c5a9a-Fooks, Bret]
Sent: 1/5/2024 4:58:47 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Brian Parrish [brian@intersectpower.com]; Daniel Yanchus [daniel@intersectpower.com]; Tarik Ibrahim [tarik.ibrahim@intersectpower.com]; Hughes, Joseph@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7dd5e80572b644209e9607ba7bdc630-Hughes, Jos]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Vorters, Dian@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=2c5604e712a74c029e412542e0db72ac-Vorters, Di]
Subject: Re: Darden - Post Certification Process

Morning Becky,

Sounds good.

Regards,

Brett Fooks | Program Manager - Safety & Reliability Branch

Direct: 916.931.9603 | **Fax:** 916.654.3882

Brett.Fooks@energy.ca.gov



CALIFORNIA ENERGY COMMISSION

Siting, Transmission, and Environmental Protection Division

715 P Street, MS 46, Sacramento, CA, 95814

www.energy.ca.gov

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Friday, January 5, 2024 8:53 AM
To: Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>
Cc: Brian Parrish <brian@intersectpower.com>; Daniel Yanchus <daniel@intersectpower.com>; Tarik Ibrahim <tarik.ibrahim@intersectpower.com>; Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Vorters, Dian@Energy <Dian.Vorters@Energy.ca.gov>
Subject: RE: Darden - Post Certification Process

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thank you, Brett, I appreciate the quick response. I think we are all coming out of the egnog haze this week and getting back into the swing of things!

After a quick glance at these documents I think they will be very informative. My team will do a thorough review and may reach out with any follow-up questions.

Thank you,

Becky Moores

INTERSECT POWER

(c) 303.919.6735

From: Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>
Sent: Thursday, January 4, 2024 6:46 PM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Brian Parrish <brian@intersectpower.com>; Daniel Yanchus <daniel@intersectpower.com>; Tarik Ibrahim <tarik.ibrahim@intersectpower.com>; Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Vorters, Dian@Energy <Dian.Vorters@Energy.ca.gov>
Subject: Re: Darden - Post Certification Process

You don't often get email from brett.fooks@energy.ca.gov. [Learn why this is important](#)

Afternoon Becky,

I promise that I had this on my list, but I do thank you for the New Year nudge. 😊

I wanted to give you an approximate answer on how soon you could start construction after a decision is granted. The Opt-In process requires the CEC to grant license at the 270 day mark if the project is approved and then the remainder of the permits that are required have to be issued from the other agencies at the 360 day mark. Based on our past construction projects, the CEC has preapproved some of the pre construction conditions of certification ahead of time for the project owner at risk. This has allowed some project owners to start as soon as 90 days after the issuance of the license to start actual construction. I want to emphasize that is just an approximation and that based on your particular project it could be longer depending on the specific set of conditions of certification. I am also sending along two examples of what the CEC calls a monthly compliance report that is required to be submitted to us updating CEC staff on the status of construction. And I have also included a set of sample set of general compliance conditions that applies to all of our projects. Please let me know if you have any questions.

Regards,

Brett Fooks | Program Manager - Safety & Reliability Branch

Direct: 916.931.9603 | **Fax:** 916.654.3882

Brett.Fooks@energy.ca.gov



CALIFORNIA ENERGY COMMISSION

Siting, Transmission, and Environmental Protection Division

715 P Street, MS 46, Sacramento, CA, 95814

www.energy.ca.gov

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, January 4, 2024 11:41 AM
To: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>; Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>
Cc: Brian Parrish <brian@intersectpower.com>; Daniel Yanchus <daniel@intersectpower.com>; Tarik Ibrahim <tarik.ibrahim@intersectpower.com>
Subject: RE: Darden - Post Certification Process

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Hello,

Following up on items from our call in early December to see if you can send your general conditions or a compliance matrix and an example monthly report. We are refining our project schedule and would like to work these timeframes in. If there are any additional items you can provide to help in understanding the post certification process please send them our way.

Thank you,

Becky Moores

Director, Environmental & Permitting

INTERSECT POWER

(c) 303.919.6735

(e) becky.moores@intersectpower.com

From: Fooks, Brett@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=870df74143964b71ada0039bf13c5a9a-Fooks, Bret]
Sent: 1/5/2024 1:45:51 AM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Brian Parrish [brian@intersectpower.com]; Daniel Yanchus [daniel@intersectpower.com]; Tarik Ibrahim [tarik.ibrahim@intersectpower.com]; Hughes, Joseph@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7dd5e80572b644209e9607ba7bdc630-Hughes, Jos]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Vorters, Dian@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=2c5604e712a74c029e412542e0db72ac-Vorters, Di]
Subject: Re: Darden - Post Certification Process
Attachments: CCEP_07-AFC-06C_MCR DEC 2014.pdf; SERC CEC MCR No 1_190313.pdf; Sample General Compliance Conditions.pdf

Afternoon Becky,

I promise that I had this on my list, but I do thank you for the New Year nudge. 😊

I wanted to give you an approximate answer on how soon you could start construction after a decision is granted. The Opt-In process requires the CEC to grant license at the 270 day mark if the project is approved and then the remainder of the permits that are required have to be issued from the other agencies at the 360 day mark. Based on our past construction projects, the CEC has preapproved some of the pre construction conditions of certification ahead of time for the project owner at risk. This has allowed some project owners to start as soon as 90 days after the issuance of the license to start actual construction. I want to emphasize that is just an approximation and that based on your particular project it could be longer depending on the specific set of conditions of certification. I am also sending along two examples of what the CEC calls a monthly compliance report that is required to be submitted to us updating CEC staff on the status of construction. And I have also included a set of sample set of general compliance conditions that applies to all of our projects. Please let me know if you have any questions.

Regards,

Brett Fooks | Program Manager - Safety & Reliability Branch

Direct: 916.931.9603 | **Fax:** 916.654.3882

Brett.Fooks@energy.ca.gov



CALIFORNIA ENERGY COMMISSION

Siting, Transmission, and Environmental Protection Division

715 P Street, MS 46, Sacramento, CA, 95814

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From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, January 4, 2024 11:41 AM
To: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>; Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>
Cc: Brian Parrish <brian@intersectpower.com>; Daniel Yanchus <daniel@intersectpower.com>; Tarik Ibrahim <tarik.ibrahim@intersectpower.com>
Subject: RE: Darden - Post Certification Process

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Hello,

Following up on items from our call in early December to see if you can send your general conditions or a compliance matrix and an example monthly report. We are refining our project schedule and would like to work these timeframes in. If there are any additional items you can provide to help in understanding the post certification process please send them our way.

Thank you,

Becky Moores

Director, Environmental & Permitting

INTERSECT POWER

(c) 303.919.6735

(e) becky.moores@intersectpower.com

From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 1/16/2024 6:16:32 PM
To: b.oneal@comcast.net
CC: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Subject: FW: AB 205 - State Permitting for Renewable Energy Projects: Darden Solar Project

Hello Bruce,

We have provided responses to your questions in red text in your email below. We hope this is of assistance to you.

Here is a weblink to the project's website: <https://www.energy.ca.gov/powerplant/solar-photovoltaic-pv/darden-clean-energy-project>

If interested, you can sign up to the subscription in the lower right side on the project's website to receive automated email notification when items are filed to the project's docket.

Thanks,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov



From: Energy - STEP Siting <STEPsiting@energy.ca.gov>
Sent: Thursday, January 11, 2024 4:27 PM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: FW: AB 205 - State Permitting for Renewable Energy Projects: Darden Solar Project

From: Bruce O'Neal <b.oneal@comcast.net>
Sent: Thursday, January 11, 2024 3:46 PM
To: Energy - STEP Siting <STEPsiting@energy.ca.gov>
Subject: AB 205 - State Permitting for Renewable Energy Projects: Darden Solar Project

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Siting and Environmental Branch:

I am a Board Member for Tree Fresno, a tree planting and urban greening non-profit located in Fresno, CA. We have been in discussions with Darden Solar LLC concerning possible donations to Tree Fresno arising from their proposed 9,000 acre solar installation in western Fresno County. We have been informed that Darden Solar has rescinded their CUP application in Fresno County and will pursue an application with the CDC for state permitting in accordance with AB 205. So that we may better plan our long-term goals and budgeting, I have the following questions:

1. Has Darden Solar LLC (or affiliated entity) submitted an application for opt-in permitting with the CDC? IP Darden I LLC, has filed an Opt-in application to the CEC on November 9, 2023
2. If so, has CDC staff found the application to be complete? On December 11, 2023, staff notified the applicant that their Opt-in Application for the Darden Clean Energy Project is incomplete.
3. What is the approximate time line for completing the permitting process? (I realize the law provides for 270 days to complete the process following a complete application, but this doesn't seem realistic.) The 270-day schedule is required per Public Resources Code section 25545.4 (e) (1) with permitted extension as listed per section 25545.4 (e) (2).

Thank you so much for your help. Any other information on the project would also be appreciated.

Bruce O'Neal

From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 1/17/2024 5:50:18 PM
To: Record, Jacquelyn@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=80a752975c1d44efbd17fb602595a1e7-Leyva, Jacq]; Becky Moores [becky.moores@intersectpower.com]; Evelyn Langsdale [elangsdale@rinconconsultants.com]; Lindsey Sarquilla (Rincon) [lsarquilla@rinconconsultants.com]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Hughes, Joseph@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7dd5e80572b644209e9607ba7bdc630-Hughes, Jos]; Ding, Yifan@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=49ee78637b0648578196965a7385b6f2-6d1c78d5-11]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]
Subject: RE: Darden Clean Energy Project (23-OPT-02) CEC edits to AQ meeting notes_01.05.2024
Attachments: 23-OPT-02_Darden_Air Quality Meeting Notes_01.05.2024_CEC_edits.docx

Thanks Jacqui. I updated the notes to add the link address.

From: Record, Jacquelyn@Energy <Jacquelyn.Record@energy.ca.gov>
Sent: Wednesday, January 17, 2024 9:46 AM
To: Becky Moores <becky.moores@intersectpower.com>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Evelyn Langsdale <elangsdale@rinconconsultants.com>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>; Ding, Yifan@Energy <Yifan.Ding@Energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) CEC edits to AQ meeting notes_01.05.2024

Hello Becky,

The hyper link is in the footnote word "here". It shows as being active in the word document meeting notes Lisa sent over.

If not, here is the link.

<https://efiling.energy.ca.gov/GetDocument.aspx?tn=239678&DocumentContentId=73094>

Hopefully that works,
 Jacque

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Wednesday, January 17, 2024 8:50 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Evelyn Langsdale <elangsdale@rinconconsultants.com>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>; Record, Jacquelyn@Energy <Jacquelyn.Record@energy.ca.gov>; Ding, Yifan@Energy <Yifan.Ding@Energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) CEC edits to AQ meeting notes_01.05.2024

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello,

Thank you for the updates and clarifications in the additions to the notes. One of the footnotes added indicated an example analysis but no link was provided, could you please send that via email or in an updated word document of the notes?

Thank you,

Becky Moores
INTERSECT POWER
(c) [303.919.6735](tel:303.919.6735)

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Tuesday, January 16, 2024 10:23 AM
To: Marisa Mitchell <marisa@intersectpower.com>; Becky Moores <becky.moores@intersectpower.com>; Evelyn Langsdale <elangsdale@rinconconsultants.com>
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>; Record, Jacquelyn@Energy <Jacquelyn.Record@energy.ca.gov>; Ding, Yifan@Energy <Yifan.Ding@Energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: Darden Clean Energy Project (23-OPT-02) CEC edits to AQ meeting notes_01.05.2024

Good morning all,

CEC staff have reviewed the notes from the Jan 5, 2024 AQ meeting. Thank you so much for taking notes. It really is so helpful. Staff has made a few clarifications and additions.

Thanks,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov



Darden Clean Energy Project (23-OPT-02)

Air Quality Data Request Discussion

Date: January 5, 2024

Time: 9:00 to 10:00 am

Location: Microsoft Teams

Attendees:

Eric Knight, California Energy Commission (CEC)	Yifan Ding, CEC
Joseph Hughes, CEC	Becky Moores, Intersect Power
Lisa Worrall, CEC	Lindsey Sarquilla, Rincon Consultants
Ann Crisp, CEC	Evelyn Langsdale, Rincon Consultants
Jacquelyn Record, CEC	

Meeting Minutes

- Data Requests discussed throughout the meeting include:

DR AQ-2	DR AQ-5	DR BIO-20
DR AQ-3	DR AQ-11	DR EFF-1
DR AQ-4	DR AQ-12	DR PH-5
- DR AQ-2 calls for a completeness determination letter from the San Joaquin Valley Air Pollution Control District (SJVAPCD). It is the Applicant's understanding that this completeness determination is related to an application that would be for the emergency backup generators for the project.
- Rincon described that typically for similar projects, applicants navigate through CEQA by analyzing and modeling equipment with an expectation that the project would submit a permit application to SJVAPCD and obtain permits closer to construction, when more specific detail on the equipment that will be used is known. The air quality DRs are asking for information much earlier in the process than it is typically provided.
- It is the Applicant's understanding that DR AQ-3 through AQ-12 are generally asking for the same level of detail on the backup generators as would be required for an SJVAPCD application. CEC stated that for AQ-3, make reasonable assumptions for SCR and ammonia or urea.
- Intersect noted the emergency backup generators would only be used in emergency situations of complete power outages where there would be no other power (renewable or from the grid) to safely shut down the hydrogen generator. The generators would not be used for any other purposes other than a safety backup features and regular required testing.
- The application materials included an air quality analysis that modeled generators of typical horsepower and size, but the exact model of generator that will be used for the project is not known at this time.
- The analysis used default emission factors in CalEEMod for emergency generators using the horsepower class of the proposed generators, resulting in conservative, worst case estimates of generator emissions. The Applicant anticipates that the SJVAPCD would determine the tier of generator and best available control technology requirements through the permitting process.
- There are three locations being considered for the hydrogen facility and the location of the generators within these footprints has not been finalized.

- CEC noted that on data center projects, applicants often model Tier 2 equipment, but in order to effectively analyze Tier 4 equipment you have to know when the selective catalytic reduction (SCR) system becomes effective. It is likely SJVAPCD would require Tier 4 generators, which means there will be ammonia or urea tanks onsite or delivery of ammonia or urea. CEC would need to know how much ammonia would be injected and estimate the ammonia emission rate (lbs NH₃/year per engine). Please confirm with SJVAPCD the appropriate ammonia slip limit for this engine class type.
- Rincon proposed a path forward in which a high-level, worst case analysis is conducted and prescriptive mitigation is incorporated to layout what is required to obtain an SJVAPCD permit and commit to meeting those requirements closer to construction.
- CEC noted their certification requirements and CEQA requirements are different and the CEC process always requires analysis to determine that there would not be an exceedance of ambient air quality standards, typically going above and beyond what is required by CEQA an air district.
- Rincon stated specifications from a typical generator could be used since the type of generator has not yet been identified. These would then be used with a “most likely” or “worst case” location for a generator. CEC confirmed they are comfortable with using ATCM requirements as a typical. CEC needs the ground level modeled impacts (concentrations) determined from dispersion modeling, in addition to the emission estimates provided by the applicant.
- CEC noted that for SCR, a quantitative analysis¹ of ammonia emissions (lbs NH₃/year per engine) is required². SCRs have different specifications depending on the vendor and he CEC suggested a reasonable argument would need to be made based on a review of multiple likely vendors. The Applicant noted this approach would also apply to addressing DR AQ-4 and AQ-5.
- The CEC noted that an evaluation/mock permit acknowledging that the project equipment would meet SJVAPCD requirements needs to be incorporated into CEC’s certification of the project. CEC stated acknowledgement from SJVAPCD that they have the information they need from the Applicant to provide a determination of concurrence compliance is needed for project review and evaluation. The CEC noted that this will be a new process for SJVAPCD. It was agreed that a meeting with CEC, Intersect, Rincon, and SJVAPCD should be arranged to discuss the situation. CEC needs SJVAPCD to show how the project complies with APCD Laws, Ordinances, Regulations or Standards and a determination of compliance.
- Other DRs that were reviewed related to the backup generators were EFF-1, BIO-20, and PH-5. The approach to these would be similar to that discussed for the air quality DRs. For PH-5, CEC noted that the location of the generators would be needed for the analysis and suggested analyzing the various location options and picking the worst potential point locations to allow for a conservative analysis. If results are less than significant in the worst-case location analysis, there is a potential path where changes in location could be analyzed qualitatively.
- Rincon noted that a screening level analysis was conducted and included in the application for the generators for operations, and it was below screening level thresholds. CEC suggested that while

¹ An example of this analysis can be found here.

(<https://efiling.energy.ca.gov/GetDocument.aspx?tn=239678&DocumentContentId=73094>)

² Staff would like to note, ammonia emissions from the SCR system on the engines are determined based on the performance warranty sheets once the vendor is chosen. For estimating ammonia emissions past projects have used an emission factor of 0.05 g/bhp/hr. This will depend on the ammonia slip limit (determined by the district) and the vendor specifications.

the application analyzed bulk emissions, an analysis of ground level concentrations would be needed to demonstrate impact are less than significant.

- The team discussed DR AQ-11, related to the requirement for an air dispersion analysis (AAQA) for all pollutants. Rincon noted a screening level analysis was conducted and with mitigation emissions were reduced to below thresholds, with the exception of carbon monoxide (CO), which was analyzed in an AAQA and determined to not result in exceedances of air quality standards. Based on the Applicant's understanding of the Appendix B requirements (Section I (i) and (ii)), an AAQA would not be required for the other pollutants. CEC noted that in Appendix B Section I(i) and (ii) "screening modeling" meant a screening level air dispersion analysis, such as AERSCREEN, and not a screening level analysis using CalEEMod. CEC typically goes above and beyond what is recommended by a local APCD for a CEQA analysis and requires AAQA to analyze air quality impacts.

From: Becky Moores [becky.moores@intersectpower.com]
Sent: 1/17/2024 9:59:40 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
CC: Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]
Subject: 23-OPT-02 Darden - Data Requests for Confidential Information

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Lisa and Ann,

Below are the data requests that are asking for information that confidential to some extent. I have copied in the exact data request for reference, and added a sub bullet describing the level of confidentiality. Can you provide feedback on exactly what your SME's are needing so we can try to see if there is another way to provide the detail in a write-up or otherwise. We want to ensure you have what is needed for the project analysis.

- **HAZ-1:** Please provide the following environmental site assessment reports from Stantec Consulting Services: a. Phase I Environmental Site Assessment, Forty-Two Parcels (9,116 Acres) Northwest of SR-145 and Mt Whitney Avenue, Fresno County, California. b. Phase II Environmental Site Assessment and Limited Soil Sampling, Generation Tie Line Easement and Support Facilities, Northwest if SR-145 and Mt Whitney Avenue, Fresno County, California. c. Phase II Environmental Site Assessment, Forty-Two Parcels (9,116 Acres) Northwest of SR-145 and Mt Whitney Avenue, Fresno County, California. Section 5.9, Tables 5.9-1, 5.9-2, and 5.9-3 provide essential information on the types, quantities, locations and toxicity of hazardous materials that would be used during the construction and operation of the proposed project. However, information is missing and there are several discrepancies between these tables and other information presented in the application that need clarification.
 - Some of the signed contracts with our landowners within the project footprint prohibits sharing of reports and information obtained during inspection of the properties, and therefore prohibits sharing the Phase I Environmental Site Assessment documents. What particular information is needed for your review? Since the ESA reports include the entire footprint, we cannot share the reports, but we may be able to provide information for certain parcels where our contracting allows sharing of information for permitting purposes.
- **PD-13:** Subsection 1.4.1 discusses an agreement between the project owner and PG&E that defines the construction, operation and ownership of electric transmission facilities required for the reliable interconnection of the Darden Clean Energy Project. The agreement with PG&E pertains to the operation and maintenance of facilities under the CEC's jurisdiction. Please provide the Letter Agreement with PG&E from May 18, 2023.
 - This letter agreement is being reviewed by our legal team but likely contains confidential information between PG&E and Intersect Power. What details are needed about this agreement for your analysis?
- **TSD-1:** Please provide the comprehensive (all appendices) California ISO Phase I Interconnection Study and, when available, the Phase II Interconnection Study.
 - Intersect Power has a non-disclosure agreement with CAISO regarding the interconnection study reports. We have sent a request to CAISO to consider your request to review the report or at a minimum share more details with CEC. At this time we cannot share any information until CAISO responds. If your legal team could look into the matter as well it may help expedite that sharing of information between the two agencies.
- **TSD-2:** Provide legible one-line diagrams of the Darden project's substation and the switching station used to connect the project to PG&E's 500 kV system. Show all the equipment ratings, including the bay arrangement of the breakers, disconnect switches, buses, and other equipment that would be necessary for the interconnection of the project.
 - The design details for the PG&E substation cannot be shared publicly. They are also preliminary and will be refined as design progresses. We can provide a narrative on the specific details that are needed if you can let me know what you are needing for analysis.

Thank you,

Becky Moores

Director, Environmental & Permitting

INTERSECT POWER

(c) 303.919.6735

(e) becky.moores@intersectpower.com

From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 1/16/2024 5:22:38 PM
To: Marisa Mitchell [marisa@intersectpower.com]; Becky Moores [becky.moores@intersectpower.com]; Evelyn Langsdale [elangsdale@rinconconsultants.com]
CC: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Hughes, Joseph@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7dd5e80572b644209e9607ba7bdc630-Hughes, Jos]; Record, Jacquelyn@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=80a752975c1d44efbd17fb602595a1e7-Leyva, Jacq]; Ding, Yifan@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=49ee78637b0648578196965a7385b6f2-6d1c78d5-11]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]
Subject: Darden Clean Energy Project (23-OPT-02) CEC edits to AQ meeting notes_01.05.2024
Attachments: 23-OPT-02_Darden_Air Quality Meeting Notes_01.05.2024_CEC_edits.docx

Good morning all,

CEC staff have reviewed the notes from the Jan 5, 2024 AQ meeting. Thank you so much for taking notes. It really is so helpful. Staff has made a few clarifications and additions.

Thanks,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov



Darden Clean Energy Project (23-OPT-02)
Air Quality Data Request Discussion

Date: January 5, 2024

Time: 9:00 to 10:00 am

Location: Microsoft Teams

Attendees:

Eric Knight, California Energy Commission (CEC)	Yifan Ding, CEC
Joseph Hughes, CEC	Becky Moores, Intersect Power
Lisa Worrall, CEC	Lindsey Sarquilla, Rincon Consultants
Ann Crisp, CEC	Evelyn Langsdale, Rincon Consultants
Jacquelyn Record, CEC	

Meeting Minutes

- Data Requests discussed throughout the meeting include:

DR AQ-2	DR AQ-5	DR BIO-20
DR AQ-3	DR AQ-11	DR EFF-1
DR AQ-4	DR AQ-12	DR PH-5
- DR AQ-2 calls for a completeness determination letter from the San Joaquin Valley Air Pollution Control District (SJVAPCD). It is the Applicant's understanding that this completeness determination is related to an application that would be for the emergency backup generators for the project.
- Rincon described that typically for similar projects, applicants navigate through CEQA by analyzing and modeling equipment with an expectation that the project would submit a permit application to SJVAPCD and obtain permits closer to construction, when more specific detail on the equipment that will be used is known. The air quality DRs are asking for information much earlier in the process than it is typically provided.
- It is the Applicant's understanding that DR AQ-3 through AQ-12 are generally asking for the same level of detail on the backup generators as would be required for an SJVAPCD application. CEC stated that for AQ-3, make reasonable assumptions for SCR and ammonia or urea.
- Intersect noted the emergency backup generators would only be used in emergency situations of complete power outages where there would be no other power (renewable or from the grid) to safely shut down the hydrogen generator. The generators would not be used for any other purposes other than a safety backup features and regular required testing.
- The application materials included an air quality analysis that modeled generators of typical horsepower and size, but the exact model of generator that will be used for the project is not known at this time.
- The analysis used default emission factors in CalEEMod for emergency generators using the horsepower class of the proposed generators, resulting in conservative, worst case estimates of generator emissions. The Applicant anticipates that the SJVAPCD would determine the tier of generator and best available control technology requirements through the permitting process.
- There are three locations being considered for the hydrogen facility and the location of the generators within these footprints has not been finalized.

- CEC noted that on data center projects, applicants often model Tier 2 equipment, but in order to effectively analyze Tier 4 equipment you have to know when the selective catalytic reduction (SCR) system becomes effective. It is likely SJVAPCD would require Tier 4 generators, which means there will be ammonia or urea tanks onsite or delivery of ammonia or urea. CEC would need to know how much ammonia would be injected and estimate the ammonia emission rate (lbs NH₃/year per engine). Please confirm with SJVAPCD the appropriate ammonia slip limit for this engine class type.
- Rincon proposed a path forward in which a high-level, worst case analysis is conducted and prescriptive mitigation is incorporated to layout what is required to obtain an SJVAPCD permit and commit to meeting those requirements closer to construction.
- CEC noted their certification requirements and CEQA requirements are different and the CEC process always requires analysis to determine that there would not be an exceedance of ambient air quality standards, typically going above and beyond what is required by CEQA an air district.
- Rincon stated specifications from a typical generator could be used since the type of generator has not yet been identified. These would then be used with a “most likely” or “worst case” location for a generator. CEC confirmed they are comfortable with using ATCM requirements as a typical. CEC needs the ground level modeled impacts (concentrations) determined from dispersion modeling, in addition to the emission estimates provided by the applicant.
- CEC noted that for SCR, a quantitative analysis ¹ of ammonia emissions (lbs NH₃/year per engine) is required ². SCRs have different specifications depending on the vendor and he CEC suggested a reasonable argument would need to be made based on a review of multiple likely vendors. The Applicant noted this approach would also apply to addressing DR AQ-4 and AQ-5.
- The CEC noted that an evaluation/mock permit acknowledging that the project equipment would meet SJVAPCD requirements needs to be incorporated into CEC’s certification of the project. CEC stated acknowledgement from SJVAPCD that they have the information they need from the Applicant to provide a determination of concurrent compliance is needed for project review and evaluation. The CEC noted that this will be a new process for SJVAPCD. It was agreed that a meeting with CEC, Intersect, Rincon, and SJVAPCD should be arranged to discuss the situation. CEC needs SJVAPCD to show how the project complies with APCD Laws, Ordinances, Regulations or Standards and a determination of compliance.
- Other DRs that were reviewed related to the backup generators were EFF-1, BIO-20, and PH-5. The approach to these would be similar to that discussed for the air quality DRs. For PH-5, CEC noted that the location of the generators would be needed for the analysis and suggested analyzing the various location options and picking the worst potential point locations to allow for a conservative analysis. If results are less than significant in the worst-case location analysis, there is a potential path where changes in location could be analyzed qualitatively.
- Rincon noted that a screening level analysis was conducted and included in the application for the generators for operations, and it was below screening level thresholds. CEC suggested that while the application analyzed bulk emissions, an analysis of ground level concentrations would be needed to demonstrate impact are less than significant.

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¹ An example of this analysis can be found here.

² Staff would like to note, ammonia emissions from the SCR system on the engines are determined based on the performance warranty sheets once the vendor is chosen. For estimating ammonia emissions past projects have used an emission factor of 0.05 g/bhp/hr. This will depend on the ammonia slip limit (determined by the district) and the vendor specifications.

- The team discussed DR AQ-11, related to the requirement for an air dispersion analysis (AAQA) for all pollutants. Rincon noted a screening level analysis was conducted and with mitigation emissions were reduced to below thresholds, with the exception of carbon monoxide (CO), which was analyzed in an AAQA and determined to not result in exceedances of air quality standards. Based on the Applicant's understanding of the Appendix B requirements (Section I (i) and (ii)), an AAQA would not be required for the other pollutants. CEC noted that in Appendix B Section I(i) and (ii) "screening modeling" meant a screening level air dispersion analysis, such as AERSCREEN, and not a screening level analysis using CalEEMod. CEC typically goes above and beyond what is recommended by a local APCD for a CEQA analysis and requires AAQA to analyze air quality impacts.

From: Becky Moores [becky.moores@intersectpower.com]
Sent: 1/17/2024 8:38:32 PM
To: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: RE: Darden Clean Energy Project (23-OPT-02) Dates/Times of Availability for AQ meeting with Intersect and SJVAPCD

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I think we will focus our conversation on the same topics we started to discuss with you on the previous air call. Here is a rough agenda, feel free to add in more items that your teams want to cover.

- Overview of CEC requirements for CEQA analysis and project certification
- SJVAPCD information requirements for evaluation of the project and determining the project would comply with APCD Laws, Ordinances, Regulations or Standards
- Timeline for preparation of materials
- Timeline for SJVAPCD review and response

Thanks,

Becky Moores
 INTERSECT POWER
 (c) 303.919.6735

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Wednesday, January 17, 2024 10:41 AM
To: Becky Moores <becky.moores@intersectpower.com>
Subject: RE: Darden Clean Energy Project (23-OPT-02) Dates/Times of Availability for AQ meeting with Intersect and SJVAPCD

Hi Becky,

Will do. Do you have an agenda or list of topics you want to discuss? I can share that with the meeting attendees.

Thanks,
 Lisa

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Wednesday, January 17, 2024 9:33 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>; Record, Jacquelyn@Energy <Jacquelyn.Record@energy.ca.gov>; Ding, Yifan@Energy <Yifan.Ding@Energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) Dates/Times of Availability for AQ meeting with Intersect and SJVAPCD

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Lisa and Ann,

SJVAPCD confirmed they are available Tuesday 1/23: 10:30-12, can you schedule a meeting during that timeslot? The contacts we have made there include:

Patia Siong Patia.Siong@valleyair.org;
Mungi Hong Mungi.Hong@valleyair.org;
Michael Stewart mstewart@rinconconsultants.com

Thank you,

Becky Moores
INTERSECT POWER
(c) 303.919.6735

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Tuesday, January 16, 2024 4:21 PM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>; Record, Jacquelyn@Energy <Jacquelyn.Record@energy.ca.gov>; Ding, Yifan@Energy <Yifan.Ding@Energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: Darden Clean Energy Project (23-OPT-02) Dates/Times of Availability for AQ meeting with Intersect and SJVAPCD

Hi Becky,

Here is our availability next week. Let me know if any of these days or times work for you.

Tuesday 10-12
Thursday 9-10:30, 1-3

Thanks,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov



From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 1/23/2024 4:49:48 PM
To: Becky Moores [becky.moores@intersectpower.com]; Bonner, Lawrence(Larry)@Wildlife [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1869dadea1e4452e9802a366a8cd9d2a-WildlifeLaw]; Mulligan, Rhannon@Wildlife [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a62a013861764f1e8556eaf023a2cc94-WildlifeRhi]; Vang, Jim@Wildlife [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=32237e96460546779116e0d64096b692-WildlifeJim]; Marisa Mitchell [marisa@intersectpower.com]; Dave Daitch (Rincon) [ddaitch@rinconconsultants.com]; Swanberg, Carrie@Wildlife [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=14e182d204a9453892624e45297fac1e-WildlifeCar]; Christina Shushnar (Rincon) [cshushnar@rinconconsultants.com]
CC: Stroud, Andrea@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9703ce11dc9547c78c64f22894500b5c-Martine, An]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Watson, Carol@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=84e32d50c7dc47d89812b468a50090ed-Watson, Car]
Subject: Darden Clean Energy Project- edits and clarifications on Jan 2 Bio meeting notes
Attachments: 23-OPT-02_Darden_Biological Resources_Meeting Notes_01.02.2024_CEC_CDFW.docx

Hi all,

CEC and CDFW reviewed the notes Rincon so kindly took and made some edits, clarifications and additions based on the notes we also took. The edits have been made in track changes.

At the bottom of the notes are two follow-up clarification/questions from CEC staff on DR BIO-13 and DR BIO-14. Please review them and keep them in mind as you complete your biological resource responses.

Thank you,

Lisa Worrall
 Senior Environmental Planner
 California Energy Commission
 Siting, Transmission and Environmental Protection Division
 715 P Street, MS-40, Sacramento, CA 95814
 Direct: (916) 661-8367
 Email: lisa.worrall@energy.ca.gov



From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 1/30/2024 8:41:25 PM
To: Becky Moores [becky.moores@intersectpower.com]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Elizabeth Knowles [elizabeth@intersectpower.com]
Subject: Re: Darden Public Meeting Location

Hi Becky - thanks for the information. We are coordinating internally with IT as they have specific technology needs that need to be met for a site to work well.

We can coordinate with Elizabeth Knowles and the school and are happy to look at any other options?

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Tuesday, January 30, 2024 12:14 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Elizabeth Knowles <elizabeth@intersectpower.com>
Subject: Darden Public Meeting Location

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Ann and Lisa,

At the end of our meeting today I believe you mentioned you were going to discuss location options for the Darden public meeting. We have been looking into locations as well based on a request from Director Huber during a meeting with our President, Luke Dunnington. One of the top choices identified is Westside Elementary, which is only a few miles away from the project. I have copied in Elizabeth Knowles, our Director of Community Engagement. She has a great relationship with Baldomero Hernandez, the Westside Superintendent. We would be happy to provide contact details or information on other potential locations, as needed.

Thank you,

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(c) becky.moores@intersectpower.com

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 1/29/2024 5:31:56 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: IP contact info request

Hi Becky - staff counsel thinks that should work, thanks for letting us know.

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Monday, January 29, 2024 9:14 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: IP contact info request

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Hi Ann,

Simon Ross is our executive who signs documents that are on behalf of the company, but he is not involved in the day-to-day work on the Darden project. If acceptable on your end I would like to ask you address any correspondence to me and I can route internally as needed.

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Mon, Jan 29, 2024 at 10:09 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Good morning Becky,

Could you please provide the email for Simon Ross? Staff counsel is requesting this in relation to a request for confidentiality and Simon was the contact person.

Thanks!

Ann

Ann Crisp
Senior Environmental Planner
Siting, Transmission & Environmental Protection Division
California Energy Commission
715 P Street
Sacramento, CA 95814
Direct: (916) 352-0543 ****please note new phone number ****

Fax: (916) 651-8868



From: Qian, Wenjun@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4421BE8DF5F40EC851D73AFFCBFF913-QIAN, WENJU]
Sent: 2/1/2024 9:21:35 PM
To: Evelyn Langsdale [elangsdale@rinconconsultants.com]; Becky Moores [becky.moores@intersectpower.com]; Lindsey Sarquilla [lsarquilla@rinconconsultants.com]; Michael Stewart [mstewart@rinconconsultants.com]; Errol Villegas [errol.villegas@valleyair.org]; Mungi Hong [Mungi.Hong@valleyair.org]; Patia Siong [Patia.Siong@valleyair.org]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Hughes, Joseph@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7dd5e80572b644209e9607ba7bdc630-Hughes, Jos]
CC: Ding, Yifan@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=49ee78637b0648578196965a7385b6f2-6d1c78d5-11]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Record, Jacquelyn@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=80a752975c1d44efbd17fb602595a1e7-Leyva, Jacq]
Subject: RE: Darden Clean Energy Project (23-OPT-02) SJVAPCD Meeting Agenda/Draft Modeling Protocol
Attachments: AP-42 c03s04.pdf; Speciation table from TN237381_VDC CA3BGF SPPE Application Part III.pdf

Hi all,

Per our conversation, attached please find two methods used by different applicants for DPM speciation.

Please let us know if you have any questions.

Thanks.

Wenjun Qian, Ph.D., P.E.

Air Resources Engineer
 California Energy Commission
 715 P St, MS-46
 Sacramento, CA 95814
 Email: Wenjun.Qian@energy.ca.gov
 Phone: 916-477-1339



From: Evelyn Langsdale <elangsdale@rinconconsultants.com>
Sent: Wednesday, January 31, 2024 4:12 PM
To: Becky Moores <becky.moores@intersectpower.com>; Lindsey Sarquilla <lsarquilla@rinconconsultants.com>; Michael Stewart <mstewart@rinconconsultants.com>; Errol Villegas <errol.villegas@valleyair.org>; Mungi Hong <Mungi.Hong@valleyair.org>; Patia Siong <Patia.Siong@valleyair.org>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>
Cc: Ding, Yifan@Energy <Yifan.Ding@Energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Qian, Wenjun@Energy <Wenjun.Qian@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Record, Jacquelyn@Energy <Jacquelyn.Record@energy.ca.gov>
Subject: Darden Clean Energy Project (23-OPT-02) SJVAPCD Meeting Agenda/Draft Modeling Protocol

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Good afternoon,

Please find attached the meeting agenda and draft modeling protocol for tomorrow's Darden Clean Energy Project (23-OPT-02) SJVAPCD Requirements Discussion. We look forward to discussing with this group then.

Thanks,
Evelyn

Evelyn Langsdale, Senior Environmental Planner
(She/Her/Hers)

925-231-5696 Direct
elangsdale@rinconconsultants.com



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3.4 Large Stationary Diesel And All Stationary Dual-fuel Engines

3.4.1 General

The primary domestic use of large stationary diesel engines (greater than 600 horsepower [hp]) is in oil and gas exploration and production. These engines, in groups of 3 to 5, supply mechanical power to operate drilling (rotary table), mud pumping, and hoisting equipment, and may also operate pumps or auxiliary power generators. Another frequent application of large stationary diesels is electricity generation for both base and standby service. Smaller uses include irrigation, hoisting, and nuclear power plant emergency cooling water pump operation.

Dual-fuel engines were developed to obtain compression ignition performance and the economy of natural gas, using a minimum of 5 to 6 percent diesel fuel to ignite the natural gas. Large dual-fuel engines have been used almost exclusively for prime electric power generation. This section includes all dual-fuel engines.

3.4.2 Process Description

All reciprocating internal combustion (IC) engines operate by the same basic process. A combustible mixture is first compressed in a small volume between the head of a piston and its surrounding cylinder. The mixture is then ignited, and the resulting high-pressure products of combustion push the piston through the cylinder. This movement is converted from linear to rotary motion by a crankshaft. The piston returns, pushing out exhaust gases, and the cycle is repeated.

There are 2 ignition methods used in stationary reciprocating IC engines, compression ignition (CI) and spark ignition (SI). In CI engines, combustion air is first compression heated in the cylinder, and diesel fuel oil is then injected into the hot air. Ignition is spontaneous because the air temperature is above the autoignition temperature of the fuel. SI engines initiate combustion by the spark of an electrical discharge. Usually the fuel is mixed with the air in a carburetor (for gasoline) or at the intake valve (for natural gas), but occasionally the fuel is injected into the compressed air in the cylinder. Although all diesel- fueled engines are compression ignited and all gasoline- and gas-fueled engines are spark ignited, gas can be used in a CI engine if a small amount of diesel fuel is injected into the compressed gas/air mixture to burn any mixture ratio of gas and diesel oil (hence the name dual fuel), from 6 to 100 percent diesel oil.

CI engines usually operate at a higher compression ratio (ratio of cylinder volume when the piston is at the bottom of its stroke to the volume when it is at the top) than SI engines because fuel is not present during compression; hence there is no danger of premature autoignition. Since engine thermal efficiency rises with increasing pressure ratio (and pressure ratio varies directly with compression ratio), CI engines are more efficient than SI engines. This increased efficiency is gained at the expense of poorer response to load changes and a heavier structure to withstand the higher pressures.¹

3.4.3 Emissions And Controls

Most of the pollutants from IC engines are emitted through the exhaust. However, some total organic compounds (TOC) escape from the crankcase as a result of blowby (gases that are vented from the oil pan after they have escaped from the cylinder past the piston rings) and from the fuel tank

and carburetor because of evaporation. Nearly all of the TOCs from diesel CI engines enter the atmosphere from the exhaust. Crankcase blowby is minor because TOCs are not present during compression of the charge. Evaporative losses are insignificant in diesel engines due to the low volatility of diesel fuels. In general, evaporative losses are also negligible in engines using gaseous fuels because these engines receive their fuel continuously from a pipe rather than via a fuel storage tank and fuel pump.

The primary pollutants from internal combustion engines are oxides of nitrogen (NO_x), hydrocarbons and other organic compounds, carbon monoxide (CO), and particulates, which include both visible (smoke) and nonvisible emissions. Nitrogen oxide formation is directly related to high pressures and temperatures during the combustion process and to the nitrogen content, if any, of the fuel. The other pollutants, HC, CO , and smoke, are primarily the result of incomplete combustion. Ash and metallic additives in the fuel also contribute to the particulate content of the exhaust. Sulfur oxides also appear in the exhaust from IC engines. The sulfur compounds, mainly sulfur dioxide (SO_2), are directly related to the sulfur content of the fuel.²

3.4.3.1 Nitrogen Oxides -

Nitrogen oxide formation occurs by two fundamentally different mechanisms. The predominant mechanism with internal combustion engines is thermal NO_x which arises from the thermal dissociation and subsequent reaction of nitrogen (N_2) and oxygen (O_2) molecules in the combustion air. Most thermal NO_x is formed in the high-temperature region of the flame from dissociated molecular nitrogen in the combustion air. Some NO_x , called prompt NO_x , is formed in the early part of the flame from reaction of nitrogen intermediary species, and HC radicals in the flame. The second mechanism, fuel NO_x , stems from the evolution and reaction of fuel-bound nitrogen compounds with oxygen. Gasoline, and most distillate oils, have no chemically-bound fuel N_2 and essentially all NO_x formed is thermal NO_x .

3.4.3.2 Total Organic Compounds -

The pollutants commonly classified as hydrocarbons are composed of a wide variety of organic compounds and are discharged into the atmosphere when some of the fuel remains unburned or is only partially burned during the combustion process. Most unburned hydrocarbon emissions result from fuel droplets that were transported or injected into the quench layer during combustion. This is the region immediately adjacent to the combustion chamber surfaces, where heat transfer outward through the cylinder walls causes the mixture temperatures to be too low to support combustion.

Partially burned hydrocarbons can occur because of poor air and fuel homogeneity due to incomplete mixing, before or during combustion; incorrect air/fuel ratios in the cylinder during combustion due to maladjustment of the engine fuel system; excessively large fuel droplets (diesel engines); and low cylinder temperature due to excessive cooling (quenching) through the walls or early cooling of the gases by expansion of the combustion volume caused by piston motion before combustion is completed.²

3.4.3.3 Carbon Monoxide -

Carbon monoxide is a colorless, odorless, relatively inert gas formed as an intermediate combustion product that appears in the exhaust when the reaction of CO to CO_2 cannot proceed to completion. This situation occurs if there is a lack of available oxygen near the hydrocarbon (fuel) molecule during combustion, if the gas temperature is too low, or if the residence time in the cylinder is too short. The oxidation rate of CO is limited by reaction kinetics and, as a consequence, can be accelerated only to a certain extent by improvements in air and fuel mixing during the combustion process.²⁻³

3.4.3.4 Smoke, Particulate Matter, and PM-10 -

White, blue, and black smoke may be emitted from IC engines. Liquid particulates appear as white smoke in the exhaust during an engine cold start, idling, or low load operation. These are formed in the quench layer adjacent to the cylinder walls, where the temperature is not high enough to ignite the fuel. Blue smoke is emitted when lubricating oil leaks, often past worn piston rings, into the combustion chamber and is partially burned. Proper maintenance is the most effective method of preventing blue smoke emissions from all types of IC engines. The primary constituent of black smoke is agglomerated carbon particles (soot).²

3.4.3.5 Sulfur Oxides -

Sulfur oxide emissions are a function of only the sulfur content in the fuel rather than any combustion variables. In fact, during the combustion process, essentially all the sulfur in the fuel is oxidized to SO_2 . The oxidation of SO_2 gives sulfur trioxide (SO_3), which reacts with water to give sulfuric acid (H_2SO_4), a contributor to acid precipitation. Sulfuric acid reacts with basic substances to give sulfates, which are fine particulates that contribute to PM-10 and visibility reduction. Sulfur oxide emissions also contribute to corrosion of the engine parts.^{2,3}

Table 3.4-1 contains gaseous emission factors for the pollutants discussed above, expressed in units of pounds per horsepower-hour (lb/hp-hr), and pounds per million British thermal unit (lb/MMBtu). Table 3.4-2 shows the particulate and particle-sizing emission factors. Table 3.4-3 shows the speciated organic compound emission factors and Table 3.4-4 shows the emission factors for polycyclic aromatic hydrocarbons (PAH). These tables do not provide a complete speciated organic compound and PAH listing because they are based only on a single engine test; they are to be used only for rough order of magnitude comparisons.

Table 3.4-5 shows the NO_x reduction and fuel consumption penalties for diesel and dual-fueled engines based on some of the available control techniques. The emission reductions shown are those that have been demonstrated. The effectiveness of controls on a particular engine will depend on the specific design of each engine, and the effectiveness of each technique could vary considerably. Other NO_x control techniques exist but are not included in Table 3.4-5. These techniques include internal/external exhaust gas recirculation, combustion chamber modification, manifold air cooling, and turbocharging.

3.4.4 Control Technologies

Control measures to date are primarily directed at limiting NO_x and CO emissions since they are the primary pollutants from these engines. From a NO_x control viewpoint, the most important distinction between different engine models and types of reciprocating engines is whether they are rich-burn or lean-burn. Rich-burn engines have an air-to-fuel ratio operating range that is near stoichiometric or fuel-rich of stoichiometric and as a result the exhaust gas has little or no excess oxygen. A lean-burn engine has an air-to-fuel operating range that is fuel-lean of stoichiometric; therefore, the exhaust from these engines is characterized by medium to high levels of O_2 . The most common NO_x control technique for diesel and dual fuel engines focuses on modifying the combustion process. However, selective catalytic reduction (SCR) and nonselective catalytic reduction (NSCR) which are post-combustion techniques are becoming available. Control for CO have been partly adapted from mobile sources.⁵

Combustion modifications include injection timing retard (ITR), preignition chamber combustion (PCC), air-to-fuel ratio, and derating. Injection of fuel into the cylinder of a CI engine initiates the combustion process. Retarding the timing of the diesel fuel injection causes the combustion process to occur later in the power stroke when the piston is in the downward motion and

combustion chamber volume is increasing. By increasing the volume, the combustion temperature and pressure are lowered, thereby lowering NO_x formation. ITR reduces NO_x from all diesel engines; however, the effectiveness is specific to each engine model. The amount of NO_x reduction with ITR diminishes with increasing levels of retard.⁵

Improved swirl patterns promote thorough air and fuel mixing and may include a precombustion chamber (PCC). A PCC is an antechamber that ignites a fuel-rich mixture that propagates to the main combustion chamber. The high exit velocity from the PCC results in improved mixing and complete combustion of the lean air/fuel mixture which lowers combustion temperature, thereby reducing NO_x emissions.⁵

The air-to-fuel ratio for each cylinder can be adjusted by controlling the amount of fuel that enters each cylinder. At air-to-fuel ratios less than stoichiometric (fuel-rich), combustion occurs under conditions of insufficient oxygen which causes NO_x to decrease because of lower oxygen and lower temperatures. Derating involves restricting engine operation to lower than normal levels of power production for the given application. Derating reduces cylinder pressures and temperatures thereby lowering NO_x formation rates.⁵

SCR is an add-on NO_x control placed in the exhaust stream following the engine and involves injecting ammonia (NH_3) into the flue gas. The NH_3 reacts with the NO_x in the presence of a catalyst to form water and nitrogen. The effectiveness of SCR depends on fuel quality and engine duty cycle (load fluctuations). Contaminants in the fuel may poison or mask the catalyst surface causing a reduction or termination in catalyst activity. Load fluctuations can cause variations in exhaust temperature and NO_x concentration which can create problems with the effectiveness of the SCR system.⁵

NSCR is often referred to as a three-way conversion catalyst system because the catalyst reactor simultaneously reduces NO_x , CO, and HC and involves placing a catalyst in the exhaust stream of the engine. The reaction requires that the O_2 levels be kept low and that the engine be operated at fuel-rich air-to-fuel ratios.⁵

3.4.5 Updates Since the Fifth Edition

The Fifth Edition was released in January 1995. Revisions to this section since that date are summarized below. For further detail, consult the memoranda describing each supplement or the background report for this section.

Supplement A, February 1996

No changes.

Supplement B, October 1996

- The general text was updated.
- Controlled NO_x factors and PM factors were added for diesel units.
- Math errors were corrected in factors for CO from diesel units and for uncontrolled NO_x from dual fueled units.

Table 3.4-1. GASEOUS EMISSION FACTORS FOR LARGE STATIONARY DIESEL AND ALL STATIONARY DUAL-FUEL ENGINES^a

Pollutant	Diesel Fuel (SCC 2-02-004-01)			Dual Fuel ^b (SCC 2-02-004-02)		
	Emission Factor (lb/hp-hr) (power output)	Emission Factor (lb/MMBtu) (fuel input)	EMISSION FACTOR RATING	Emission Factor (lb/hp-hr) (power output)	Emission Factor (lb/MMBtu) (fuel input)	EMISSION FACTOR RATING
NO _x						
Uncontrolled	0.024	3.2	B	0.018	2.7	D
Controlled	0.013 ^c	1.9 ^c	B	ND	ND	NA
CO	5.5 E-03	0.85	C	7.5 E-03	1.16	D
SO _x ^d	8.09 E-03S ₁	1.01S ₁	B	4.06 E-04S ₁ + 9.57 E-03S ₂	0.05S ₁ + 0.895S ₂	B
CO ₂ ^e	1.16	165	B	0.772	110	B
PM	0.0007 ^c	0.1 ^c	B	ND	ND	NA
TOC (as CH ₄)	7.05 E-04	0.09	C	5.29 E-03	0.8	D
Methane	f	f	E	3.97 E-03	0.6	E
Nonmethane	f	f	E	1.32 E-03	0.2 ^g	E

^a Based on uncontrolled levels for each fuel, from References 2,6-7. When necessary, the average heating value of diesel was assumed to be 19,300 Btu/lb with a density of 7.1 lb/gallon. The power output and fuel input values were averaged independently from each other, because of the use of actual brake-specific fuel consumption (BSFC) values for each data point and of the use of data possibly sufficient to calculate only 1 of the 2 emission factors (e. g., enough information to calculate lb/MMBtu, but not lb/hp-hr). Factors are based on averages across all manufacturers and duty cycles. The actual emissions from a particular engine or manufacturer could vary considerably from these levels. To convert from lb/hp-hr to kg/kw-hr, multiply by 0.608. To convert from lb/MMBtu to ng/J, multiply by 430. SCC = Source Classification Code.

^b Dual fuel assumes 95% natural gas and 5% diesel fuel.

^c References 8-26. Controlled NO_x is by ignition timing retard.

^d Assumes that all sulfur in the fuel is converted to SO₂. S₁ = % sulfur in fuel oil; S₂ = % sulfur in natural gas. For example, if sulfur content is 1.5%, then S = 1.5.

^e Assumes 100% conversion of carbon in fuel to CO₂ with 87 weight % carbon in diesel, 70 weight % carbon in natural gas, dual-fuel mixture of 5% diesel with 95% natural gas, average BSFC of 7,000 Btu/hp-hr, diesel heating value of 19,300 Btu/lb, and natural gas heating value of 1050 Btu/scf.

^f Based on data from 1 engine, TOC is by weight 9% methane and 91% nonmethane.

^g Assumes that nonmethane organic compounds are 25% of TOC emissions from dual-fuel engines. Molecular weight of nonmethane gas stream is assumed to be that of methane.

Table 3.4-2. PARTICULATE AND PARTICLE-SIZING
EMISSION FACTORS FOR LARGE UNCONTROLLED STATIONARY DIESEL ENGINES^a

EMISSION FACTOR RATING: E

Pollutant	Emission Factor (lb/MMBtu) (fuel input)
Filterable particulate ^b	
< 1 µm	0.0478
< 3 µm	0.0479
< 10 µm	0.0496
Total filterable particulate	0.0620
Condensable particulate	0.0077
Total PM-10 ^c	0.0573
Total particulate ^d	0.0697

^a Based on 1 uncontrolled diesel engine from Reference 6. Source Classification Code 2-02-004-01. The data for the particulate emissions were collected using Method 5, and the particle size distributions were collected using a Source Assessment Sampling System. To convert from lb/MMBtu to ng/J, multiply by 430. PM-10 = particulate matter " 10 micrometers (µm) aerometric diameter.

^b Particle size is expressed as aerodynamic diameter.

^c Total PM-10 is the sum of filterable particulate less than 10 µm aerodynamic diameter and condensable particulate.

^d Total particulate is the sum of the total filterable particulate and condensable particulate.

Table 3.4-3. SPECIATED ORGANIC COMPOUND EMISSION FACTORS FOR LARGE UNCONTROLLED STATIONARY DIESEL ENGINES^a

EMISSION FACTOR RATING: E

Pollutant	Emission Factor (lb/MMBtu) (fuel input)
Benzene ^b	7.76 E-04
Toluene ^b	2.81 E-04
Xylenes ^b	1.93 E-04
Propylene	2.79 E-03
Formaldehyde ^b	7.89 E-05
Acetaldehyde ^b	2.52 E-05
Acrolein ^b	7.88 E-06

^aBased on 1 uncontrolled diesel engine from Reference 7. Source Classification Code 2-02-004-01. Not enough information to calculate the output-specific emission factors of lb/hp-hr. To convert from lb/MMBtu to ng/J, multiply by 430.

^bHazardous air pollutant listed in the *Clean Air Act*.

Table 3.4-4. PAH EMISSION FACTORS FOR LARGE UNCONTROLLED STATIONARY DIESEL ENGINES^a

EMISSION FACTOR RATING: E

PAH	Emission Factor (lb/MMBtu) (fuel input)
Naphthalene ^b	1.30 E-04
Acenaphthylene	9.23 E-06
Acenaphthene	4.68 E-06
Fluorene	1.28 E-05
Phenanthrene	4.08 E-05
Anthracene	1.23 E-06
Fluoranthene	4.03 E-06
Pyrene	3.71 E-06
Benz(a)anthracene	6.22 E-07
Chrysene	1.53 E-06
Benzo(b)fluoranthene	1.11 E-06
Benzo(k)fluoranthene	<2.18 E-07
Benzo(a)pyrene	<2.57 E-07
Indeno(1,2,3-cd)pyrene	<4.14 E-07
Dibenz(a,h)anthracene	<3.46 E-07
Benzo(g,h,l)perylene	<5.56 E-07
TOTAL PAH	<2.12 E-04

^a Based on 1 uncontrolled diesel engine from Reference 7. Source Classification Code 2-02-004-01. Not enough information to calculate the output-specific emission factors of lb/hp-hr. To convert from lb/MMBtu to ng/J, multiply by 430.

^b Hazardous air pollutant listed in the *Clean Air Act*.

Table 3.4-5. NO_x REDUCTION AND FUEL CONSUMPTION PENALTIES FOR LARGE STATIONARY DIESEL AND DUAL-FUEL ENGINES^a

Control Approach		Diesel (SCC 2-02-004-01)		Dual Fuel (SCC 2-02-004-02)	
		NO _x Reduction (%)	ØBSFC ^b (%)	NO _x Reduction (%)	ØBSFC (%)
Derate	10%	ND	ND	<20	4
	20%	<20	4	ND	ND
	25%	5 - 23	1 - 5	1 - 33	1 - 7
Retard	2°	<20	4	<20	3
	4°	<40	4	<40	1
	8°	28 - 45	2 - 8	50 - 73	3 - 5
Air-to-fuel	3%	ND	ND	<20	0
	±10%	7 - 8	3	25 - 40	1 - 3
Water injection (H ₂ O/fuel ratio)	50%	25 - 35	2 - 4	ND	ND
SCR		80 - 95	0	80 - 95	0

^a References 1,27-28. The reductions shown are typical and will vary depending on the engine and duty cycle. SCC = Source Classification Code. ØBSFC = change in brake-specific fuel consumption. ND = no data.

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4. *Limiting Net Greenhouse Gas Emissions In the United States, Volume II: Energy Responses*, report for the Office of Environmental Analysis, Office of Policy, Planning and Analysis, Department of Energy (DDE), DOE/PE-0101 Volume II, September 1991.
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14. *Compliance Test Report For Particulate Emissions From A Cummins Diesel Generator*, CIGNA Insurance Company, Bloomfield, CT, TRC Environmental Consultants, 1988.

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Table 18
Speciation Values
Vantage CA3 Project
Santa Clara, California

Source	Emission Type	Fraction	Chemical ¹
Diesel Offroad Equipment (Generators)	Exhaust PM	1.0	Diesel PM
	Exhaust TOG	0.0019	1,3-Butadiene
		0.074	Acetaldehyde
		0.020	Benzene
		0.0031	Ethylbenzene
		0.15	Formaldehyde
		0.0016	n-Hexane
		3.0E-04	Methanol
		0.015	Methyl Ethyl Ketone
		9.0E-04	Naphthalene
		0.026	Propylene
		6.0E-04	Styrene
		0.015	Toluene
		0.0061	m-Xylene
		0.0034	o-Xylene
		0.0010	p-Xylene

Notes:

- ¹. Compounds presented in this table are only those air toxic contaminants with toxicity values from Cal/EPA (2015) evaluated in the health risk assessment. Speciation profiles presented in this table are from the following sources:

Diesel offroad exhaust, TOG: ARB 818 / EPA 3161

Abbreviations:

ARB - Air Resources Board
BAAQMD - Bay Area Air Quality Management District
Cal/EPA - California Environmental Protection Agency
PM - particulate matter
TOG - total organic gas
USEPA - United States Environmental Protection Agency

References:

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Sent: 1/31/2024 7:32:51 PM
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Location: Microsoft Teams Meeting
Start: 2/1/2024 5:00:00 PM
End: 2/1/2024 6:30:00 PM
Show Time As: Tentative
Required Attendees: becky.moores@intersectpower.com; Lindsey Sarquilla; Michael Stewart; Errol Villegas; Mungi Hong; Patia Siong; Worrall, Lisa@Energy; Hughes, Joseph@Energy
Optional Attendees: Ding, Yifan@Energy; Crisp, Ann@Energy; Qian, Wenjun@Energy; Babula, Jared@Energy; Record, Jacquelyn@Energy

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Scheduling this meeting to discuss worst case assumptions for the Darden Clean Energy Project emergency generator air quality analysis. Please feel free to forward this invitation on to anyone we my have missed.

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Good afternoon,

Please find attached the meeting agenda and draft modeling protocol for tomorrow's Darden Clean Energy Project (23-OPT-02) SJVAPCD Requirements Discussion. We look forward to discussing with this group then.

Thanks,
 Evelyn

Evelyn Langsdale, Senior Environmental Planner
 (She/Her/Hers)

925-231-5696 Direct
elangsdale@rinconconsultants.com



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Darden Clean Energy Project (23-OPT-02) Air Pollution Control District (APCD) Permitting Discussion

Date: February 1, 2024

Time: 9:00 to 10:30 am

Location: Microsoft Teams

Attendees:

Lisa Worrall, California Energy Commission (CEC)	Errol Villegas, San Joaquin Valley Air Pollution Control District (SJVAPCD)
Joseph Hughes, CEC	Mungi Hong, SJVAPCD
Jared Babula, CEC	Patia Siong, SJVAPCD
Ann Crisp, CEC	Becky Moores, Intersect Power (Intersect)
Jacquelyn Record, CEC	Lindsey Sarquilla, Rincon Consultants (Rincon)
Yifan Ding, CEC	Evelyn Langsdale, Rincon Consultants
Wenjun Qian, CEC	Michael Stewart, Rincon Consultants

Meeting Agenda/Discussion Items

Application Package for New Source Review

1. Introduction to project & equipment
 - a. (2) 400 kW fire pump generators and (2) 600 kW emergency power backup generators
 - b. **OR** (2) 400 kW fire pump generators and (4) 300 kW emergency power backup generators
2. Brief BACT discussion
 - a. Tier 3 for fire pump generators
 - b. Tier 4 for emergency power backup generators
3. Emissions analysis, comparison to major source thresholds
 - a. Offset Emissions for the equipment assumed exempt based on Rule 2201, Section 4.6.2.
4. Review air dispersion modeling requirements under Rule 2201, Section 4.15.1
5. Health Risk Assessment

Modeling Protocol

1. Develop emissions profiles for various pollutants for AQIA & HRA
 - a. Short term vs long term averaging periods
2. Model “worst-case” equipment option: 400 kW fire pump generators and (2) 600 kW emergency power backup generators
3. Model “worst-case” equipment location at each of the three potential properties based on preliminary CEQA modeling
4. Model the equipment in AERMOD as point sources using stack parameters for CAT enclosures commonly found in spec packages for selected equipment type (i.e. for CAT C18), including: stack heights and diameters, the exhaust velocities, and temperatures
5. Post process results for the corresponding studies
6. Including as applicable for CEQA and air permitting deliverables

Discussion Items

- a) Equipment location “worst-case” area based on preliminary CEQA modeling
- b) “Worst-case” equipment option
- c) Stack parameter assumptions → assume usage of CAT enclosure parameters
- d) Usage assumptions
 - a. Testing and maintenance: 1 hr per generator per month
 - b. Emergency usage: 100 hours per year per backup generator (per CEC Data Response AQ-5)
 - i. *Should this be in air permitting or CEQA analysis only?*
- e) Uncontrolled vs. controlled emissions
 - a. 1 hour analyses for testing and maintenance → assume uncontrolled
 - b. Annual emissions → assume 6 emergency events per year (based on Rincon research) w/6 hours uncontrolled emissions and remaining hours controlled under Tier 3 (firepump) and Tier 4 (emergency backup generators)
- f) Air dispersion modeling
 - a. Will work performed under CEQA need to be replicated for air permitting?
 - i. AQIA vs HRA requirements
 - a. HRA to include:
 - i. Chronic and Cancer Risk analyzed
 - ii. CEC Data Request PH-4 requests acute exposure analysis by categorizing diesel exhaust into the primary toxic air contaminants

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Subject: Re: IP contact info request

Hi Becky - staff counsel thinks that should work, thanks for letting us know.

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Monday, January 29, 2024 9:14 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: IP contact info request

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

Simon Ross is our executive who signs documents that are on behalf of the company, but he is not involved in the day-to-day work on the Darden project. If acceptable on your end I would like to ask you address any correspondence to me and I can route internally as needed.

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Mon, Jan 29, 2024 at 10:09 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Good morning Becky,

Could you please provide the email for Simon Ross? Staff counsel is requesting this in relation to a request for confidentiality and Simon was the contact person.

Thanks!

Ann

Ann Crisp
Senior Environmental Planner
Siting, Transmission & Environmental Protection Division
California Energy Commission
715 P Street
Sacramento, CA 95814
Direct: (916) 352-0543 ****please note new phone number ****

Fax: (916) 651-8868



From: Elizabeth Knowles [elizabeth@intersectpower.com]
Sent: 2/5/2024 8:44:19 PM
To: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
CC: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Becky Moores [becky.moores@intersectpower.com]
Subject: Re: Darden Public Meeting Location

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Hi Lisa,

Happy to attend tomorrow to discuss Westside Elementary.

Thanks!
Elizabeth

On Mon, Feb 5, 2024 at 12:05 PM Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov> wrote:

Hi Becky and Elizabeth,

We are interested in learning about Westside Elementary location and other options you have identified. We have been working on several possible locations. We have been coordinating with our IT department as a location's ability to provide remote access is key.

Elizabeth, are you able to join our regularly-scheduled meeting with Becky tomorrow at 9:30? If not, let us know when you can meet.

Thanks,

Lisa

From: Elizabeth Knowles <elizabeth@intersectpower.com>
Sent: Tuesday, January 30, 2024 1:27 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Becky Moores <becky.moores@intersectpower.com>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: Darden Public Meeting Location

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

Please let me know when you are ready to talk logistics. I can also reach out to my local consultant to see if there are any alternative options that could work, should the school not work out for any reason.

Thanks!

Elizabeth

On Tue, Jan 30, 2024 at 1:41 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky - thanks for the information. We are coordinating internally with IT as they have specific technology needs that need to be met for a site to work well.

We can coordinate with Elizabeth Knowles and the school and are happy to look at any other options?

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>

Sent: Tuesday, January 30, 2024 12:14 PM

To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Elizabeth Knowles <elizabeth@intersectpower.com>

Subject: Darden Public Meeting Location

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Ann and Lisa,

At the end of our meeting today I believe you mentioned you were going to discuss location options for the Darden public meeting. We have been looking into locations as well based on a request from Director Huber during a meeting with our President, Luke Dunnington. One of the top choices identified is Westside Elementary, which is only a few miles away from the project. I have copied in Elizabeth Knowles, our Director of Community Engagement. She has a great relationship with Baldomero Hernandez, the Westside Superintendent. We would be happy to provide contact details or information on other potential locations, as needed.

Thank you,

Becky Moores

Director, Environmental & Permitting

INTERSECT POWER

(c) 303.919.6735

(c) becky.moores@intersectpower.com

--

Elizabeth Knowles
Director, Community Engagement
INTERSECT POWER
elizabeth@intersectpower.com

From: Lindsey Sarquilla [lsarquilla@rinconconsultants.com]
Sent: 2/2/2024 5:13:59 PM
To: Qian, Wenjun@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4421be8df5f40ec851d73affcbff913-Qian, Wenju]; Evelyn Langsdale [elangsdale@rinconconsultants.com]; Becky Moores [becky.moores@intersectpower.com]; Michael Stewart [mstewart@rinconconsultants.com]; Errol Villegas [errol.villegas@valleyair.org]; Mungi Hong [Mungi.Hong@valleyair.org]; Patia Siong [Patia.Siong@valleyair.org]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Hughes, Joseph@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7dd5e80572b644209e9607ba7bdc630-Hughes, Jos]
CC: Ding, Yifan@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=49ee78637b0648578196965a7385b6f2-6d1c78d5-11]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Record, Jacquelyn@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=80a752975c1d44efbd17fb602595a1e7-Leyva, Jacq]
Subject: RE: [EXT] RE: Darden Clean Energy Project (23-OPT-02) SJVAPCD Meeting Agenda/Draft Modeling Protocol

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Received. Thank you for sending these our way, Wenjun!

Lindsey Sarquilla, MESM, Director of Environmental Planning

(She/Her/Hers)

805-869-1672 Direct

lsarquilla@rinconconsultants.com



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Time Off Alert: 2/6-2/13

From: Qian, Wenjun@Energy <Wenjun.Qian@energy.ca.gov>
Sent: Thursday, February 1, 2024 1:22 PM
To: Evelyn Langsdale <elangsdale@rinconconsultants.com>; Becky Moores <becky.moores@intersectpower.com>; Lindsey Sarquilla <lsarquilla@rinconconsultants.com>; Michael Stewart <mstewart@rinconconsultants.com>; Errol Villegas <errol.villegas@valleyair.org>; Mungi Hong <Mungi.Hong@valleyair.org>; Patia Siong <Patia.Siong@valleyair.org>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>
Cc: Ding, Yifan@Energy <Yifan.Ding@Energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Record, Jacquelyn@Energy <Jacquelyn.Record@energy.ca.gov>
Subject: [EXT] RE: Darden Clean Energy Project (23-OPT-02) SJVAPCD Meeting Agenda/Draft Modeling Protocol

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Hi all,

Per our conversation, attached please find two methods used by different applicants for DPM speciation.

Please let us know if you have any questions.

Thanks.

Wenjun Qian, Ph.D., P.E.

Air Resources Engineer

California Energy Commission

715 P St, MS-46

Sacramento, CA 95814

Email: Wenjun.Qian@energy.ca.gov

Phone: 916-477-1339



From: Evelyn Langsdale <elangsdale@rinconconsultants.com>

Sent: Wednesday, January 31, 2024 4:12 PM

To: Becky Moores <becky.moores@intersectpower.com>; Lindsey Sarquilla <lsarquilla@rinconconsultants.com>; Michael Stewart <mstewart@rinconconsultants.com>; Errol Villegas <errol.villegas@valleyair.org>; Mungi Hong <Mungi.Hong@valleyair.org>; Patia Siong <Patia.Siong@valleyair.org>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>

Cc: Ding, Yifan@Energy <Yifan.Ding@Energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Qian, Wenjun@Energy <Wenjun.Qian@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Record, Jacquelyn@Energy <Jacquelyn.Record@energy.ca.gov>

Subject: Darden Clean Energy Project (23-OPT-02) SJVAPCD Meeting Agenda/Draft Modeling Protocol

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Good afternoon,

Please find attached the meeting agenda and draft modeling protocol for tomorrow's Darden Clean Energy Project (23-OPT-02) SJVAPCD Requirements Discussion. We look forward to discussing with this group then.

Thanks,
Evelyn

Evelyn Langsdale, Senior Environmental Planner
(She/Her/Hers)

925-231-5696 Direct
elangsdale@rinconconsultants.com



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From: Becky Moores [becky.moores@intersectpower.com]
Sent: 2/6/2024 12:43:29 AM
To: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Darden Clean Energy Project Timing of response to DR PD-13

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Hi Lisa,

I do have that response prepared. We close to finishing up the data request responses for the project description and may be able to submit those soon through the docket. But for your information, I have included the response below to PD-13.

The Letter Agreement between the Applicant and PG&E was incorrectly characterized in the original Darden application materials submitted to the CEC in November 2023. The Agreement does not detail the construction, operation, and ownership of the Project, and instead describes certain work that will occur prior to the execution of the Large Generator Interconnection Agreement (LGIA) under the terms of PG&E's Transmission Owner Tariff.

The Letter Agreement is intended to commence and accelerate design and engineering scope related to known interconnection upgrade workstreams. Under the Agreement, PG&E will establish a project team, develop a project schedule, conduct scoping and design activities, and review the design package prepared by IP Darden. The Agreement states the Applicant intends to self-build the switchyard, and that procurement and construction activities will be performed pursuant to a subsequent interconnection agreement.

Details of the transfer of ownership will be defined in a future agreement between the Applicant and PG&E, but the utility will ultimately own and operate the loop-in, switchyard, and one span of the gen-tie line up to the point of change in ownership (POCO). The remainder of the gen-tie line will be owned and operated by IP Darden.

Let me know if you prefer getting this response formally submitted sooner rather than later.

Thanks,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Mon, Feb 5, 2024 at 12:54 PM Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov> wrote:

Hi Becky,

Can you give me an estimate of when you anticipate filing responses to DR PD-13?

Thanks,

Lisa Worrall

Senior Environmental Planner

California Energy Commission

Siting, Transmission and Environmental Protection Division

715 P Street, MS-40, Sacramento, CA 95814

Direct: (916) 661-8367

Email: lisa.worrall@energy.ca.gov



From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 2/9/2024 1:15:43 AM
To: Evelyn Langsdale [elangsdale@rinconconsultants.com]; Becky Moores [becky.moores@intersectpower.com]; Lindsey Sarquilla [lsarquilla@rinconconsultants.com]; Michael Stewart [mstewart@rinconconsultants.com]; Errol Villegas [errol.villegas@valleyair.org]; Mungi Hong [Mungi.Hong@valleyair.org]; Patia Siong [Patia.Siong@valleyair.org]; Hughes, Joseph@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7dd5e80572b644209e9607ba7bdc630-Hughes, Jos]
CC: Ding, Yifan@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=49ee78637b0648578196965a7385b6f2-6d1c78d5-11]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Qian, Wenjun@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4421be8df5f40ec851d73affcbff913-Qian, Wenju]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Record, Jacquelyn@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=80a752975c1d44efbd17fb602595a1e7-Leyva, Jacq]; Kyle Melching [Kyle.Melching@valleyair.org]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]
Subject: RE: Darden Clean Energy Project (23-OPT-02) SJVAPCD Requirements Discussion Meeting Minutes

Thank you for those notes Evelyn. Our CEC staff will take a look and make any necessary edits and then send to SJVAPCD to incorporate any edits they see as necessary.

From: Evelyn Langsdale <elangsdale@rinconconsultants.com>
Sent: Thursday, February 8, 2024 4:26 PM
To: Becky Moores <becky.moores@intersectpower.com>; Lindsey Sarquilla <lsarquilla@rinconconsultants.com>; Michael Stewart <mstewart@rinconconsultants.com>; Errol Villegas <errol.villegas@valleyair.org>; Mungi Hong <Mungi.Hong@valleyair.org>; Patia Siong <Patia.Siong@valleyair.org>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>
Cc: Ding, Yifan@Energy <Yifan.Ding@Energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Qian, Wenjun@Energy <Wenjun.Qian@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Record, Jacquelyn@Energy <Jacquelyn.Record@energy.ca.gov>; Kyle Melching <Kyle.Melching@valleyair.org>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>
Subject: Darden Clean Energy Project (23-OPT-02) SJVAPCD Requirements Discussion Meeting Minutes

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Good afternoon,

Please find attached meeting minutes from our Air Quality discussion on Thursday, February 1 for the Darden Clean Energy Project (23-OPT-02). Let us know if you have any questions or comments.

Action items from the discussion are provided below. Does the District have any updates on either of their items?

- **Action Item for SJVAPCD:** To provide default stack parameters to Applicant.
- **Action Item for SJVAPCD:** Confirm if the Applicant should provide just stationary equipment analysis or analysis for the entire project.
- **Action Item for Applicant:** Rincon suggested they will refine worst case locations and provide information on why locations were selected as part of CEQA analysis and application package.

Thank you!

Evelyn

Evelyn Langsdale, Senior Environmental Planner
(She/Her/Hers)

925-231-5696 Direct
elangsdale@rinconconsultants.com



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From: Evelyn Langsdale [elangsdale@rinconconsultants.com]
Sent: 2/9/2024 12:25:31 AM
To: Becky Moores [becky.moores@intersectpower.com]; Lindsey Sarquilla [lsarquilla@rinconconsultants.com]; Michael Stewart [mstewart@rinconconsultants.com]; Errol Villegas [errol.villegas@valleyair.org]; Mungi Hong [Mungi.Hong@valleyair.org]; Patia Siong [Patia.Siong@valleyair.org]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Hughes, Joseph@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7dd5e80572b644209e9607ba7bdc630-Hughes, Jos]
CC: Ding, Yifan@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=49ee78637b0648578196965a7385b6f2-6d1c78d5-11]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Qian, Wenjun@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4421be8df5f40ec851d73affcbff913-Qian, Wenju]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Record, Jacquelyn@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=80a752975c1d44efbd17fb602595a1e7-Leyva, Jacq]; Kyle Melching [Kyle.Melching@valleyair.org]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]
Subject: Darden Clean Energy Project (23-OPT-02) SJVAPCD Requirements Discussion Meeting Minutes
Attachments: 23-OPT-02 Air QualityMeeting Minutes_02012024.docx

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Good afternoon,

Please find attached meeting minutes from our Air Quality discussion on Thursday, February 1 for the Darden Clean Energy Project (23-OPT-02). Let us know if you have any questions or comments.

Action items from the discussion are provided below. Does the District have any updates on either of their items?

- **Action Item for SJVAPCD:** To provide default stack parameters to Applicant.
- **Action Item for SJVAPCD:** Confirm if the Applicant should provide just stationary equipment analysis or analysis for the entire project.
- **Action Item for Applicant:** Rincon suggested they will refine worst case locations and provide information on why locations were selected as part of CEQA analysis and application package.

Thank you!

Evelyn

Evelyn Langsdale, Senior Environmental Planner
 (She/Her/Hers)

925-231-5696 Direct
elangsdale@rinconconsultants.com



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Darden Clean Energy Project (23-OPT-02) Air Pollution Control District (APCD) Permitting Discussion

Date: February 1, 2024

Time: 9:00 to 10:30 am

Location: Microsoft Teams

Attendees:

Lisa Worrall, California Energy Commission (CEC)	Errol Villegas, San Joaquin Valley Air Pollution Control District (SJVAPCD)
Joseph Hughes, CEC	Mungi Hong, SJVAPCD
Ann Crisp, CEC	Patia Siong, SJVAPCD
Jacquelyn Record, CEC	Kyle Melching, SJVAPCD
Yifan Ding, CEC	Becky Moores, Intersect Power (Intersect)
Wenjun Qian, CEC	Lindsey Sarquilla, Rincon Consultants (Rincon)
Eric Knight, CEC	Evelyn Langsdale, Rincon
	Michael Stewart, Rincon

Meeting Agenda/Discussion Items

Application Package for New Source Review

1. Introduction to project & equipment
 - a. (2) 400 kW fire pump generators and (2) 600 kW emergency power backup generators
 - b. **OR** (2) 400 kW fire pump generators and (4) 300 kW emergency power backup generators
2. Brief BACT discussion
 - a. Tier 3 for fire pump generators
 - b. Tier 4 for emergency power backup generators
3. Emissions analysis, comparison to major source thresholds
 - a. Offset Emissions for the equipment assumed exempt based on Rule 2201, Section 4.6.2.
4. Review air dispersion modeling requirements under Rule 2201, Section 4.15.1
5. Health Risk Assessment

Notes:

- Rincon introduced the proposed application package for New Source Review (outlined above). SJVAPCD said overall they think they can work with this. SJVAPCD noted that instead of kilowatt ratings for the generators they need the break horsepower. An estimate of break horsepower will allow SJVAPCD to determine what sections become applicable under their district rules. SJVAPCD clarified that most fire pumps they've dealt with have been direct driven, there is distinction between powering a generator (Tier 4 required) and direct driven (Tier 3 would be acceptable). Rincon noted that they are currently looking at C-18 CAT specs and will get additional information. SJVAPCD said they think that would be sufficient but noted that if the generator that is purchased differs, it would need to be equivalent. Intersect clarified that it will be a fire water pump motor.
- In terms of selecting equipment for the most conservative emissions analysis, SJVAPCD recommended comparing the bhp (instead of kW rating) against the Tier emission standards for selecting a worst case emissions analysis, as it may differ slightly than just examining kW.

- SJVAPCD confirmed that offset emissions for the equipment would be exempt. CEC confirmed they would defer to SJVAPCD for those requirements.

Modeling Protocol

1. Develop emissions profiles for various pollutants for AQIA & HRA
 - a. Short term vs long term averaging periods
2. Model “worst-case” equipment option: 400 kW fire pump generators and (2) 600 kW emergency power backup generators
3. Model “worst-case” equipment location at each of the three potential properties based on preliminary CEQA modeling
4. Model the equipment in AERMOD as point sources using stack parameters for CAT enclosures commonly found in spec packages for selected equipment type (i.e. for CAT C18), including: stack heights and diameters, the exhaust velocities, and temperatures
5. Post process results for the corresponding studies
6. Including as applicable for CEQA and air permitting deliverables

Notes:

- Rincon walked through the proposed modeling protocol (outlined above). Intersect noted that they are examining three locations for the hydrogen generator and proposing to selection worst possible locations within each of those three boundaries for modeling. Rincon shared an overview map of the project site.
- Rincon noted that they performed a Health Risk Assessment as part of the Opt-in Application. Rincon shared a proposed worst-case location of the generators for Option 1. CEC noted that they are trying to show that if approved, what would the impacts be to disclose to the public. CEC wants the analysis to reflect as close to possible to the real location, if that shifts, they would like to be able to qualitatively describe what the impacts would not be larger. CEC is hoping that locations, exhaust parameters, etc. picked would be easily defensible. SJVAPCD suggested looking at all the different sites, looking at construction and operational impacts, because SJVAPCD has a 7-year cancer risk they evaluate. SJVAPCD recommend the Applicant look at District Rules 1905, 1906, 1925 (health risk modeling policy), APR 2030 (AQIA trigger policy).
- Rincon noted the Applicant is doing a complete analysis for the CEQA analysis but is planning to pull out details specific to the emergency generators for the permit application to SJVAPCD. Intersect provided background on the CEC application process noted that Intersect will not be getting any permits directly from SJVAPCD. CEC added that they will be issuing approval in lieu of permits from SJVAPCD but are looking for their input on how the project will comply with their requirements. SJVAPCD believes that information will only need to be provided for the generators, but they would like to check with their legal counsel. CEC asked if the SJVAPCD would typically need a CEQA document to submit a permit. SJVAPCD confirmed they typically would be looking at the project as whole (i.e., CEQA documentation) to issue permits. CEC noted they would like to keep in communication with SJVAPCD to ensure the CEQA document they prepare with meet SJVAPCD’s requirements.
 - **Action Item for SJVAPCD:** Confirm if the Applicant should provide just stationary equipment analysis or analysis for the entire project.

- Intersect asked the groups thoughts on modeling the generators within the center of the current hydrogen footprint. CEC said that due to the flat topography, it seems like shifting it throughout the site would not have a huge change in impacts but noted that depending on the location of the generators in relation to adjacent components there could be downwash impacts that would change the analyses. SJVAPCD noted its worth considering worker cancer risk in addition to resident cancer risk.
 - **Action Item for Applicant:** Rincon suggested they will refine worst case locations and provide information on why locations were selected as part of CEQA analysis and application package.

Discussion Items

- a) Equipment location “worst-case” area based on preliminary CEQA modeling
- b) “Worst-case” equipment option
- c) Stack parameter assumptions → assume usage of CAT enclosure parameters
- d) Usage assumptions
 - a. Testing and maintenance: 1 hr per generator per month
- e) Uncontrolled vs. controlled emissions
 - a. 1 hour analyses for testing and maintenance → assume uncontrolled
- f) Air dispersion modeling
 - a. Will work performed under CEQA need to be replicated for air permitting?
 - i. AQIA vs HRA requirements
 - a. HRA to include:
 - i. Chronic and Cancer Risk analyzed
 - ii. CEC Data Request PH-4 requests acute exposure analysis by categorizing diesel exhaust into the primary toxic air contaminants

Notes:

- SJVAPCD noted they have default stack characteristics that they could provide. CEC said that would be fine assuming the final generators stay within the parameters outlined in the analysis. Rincon confirmed the group did not have any objections with this approach.
 - Action Item for SJVAPCD: To provide default stack parameters to Applicant.
- CEC noted they would need an estimate of the warmup period (assuming Tier 2 emissions) and then after warmup (Tier 4 emissions).
- The team discussed uncontrolled vs. controlled emissions. SJVAPCD said they typically permit anywhere between 50 to 100 hours; emergency is not usually considered normal source operations. CEC said they usually quantify 100 hours a year to be conservative. SJVAPCD explained that in the Central Valley, emergency generator emissions are usually below this threshold. CEC said that if it is not tied to a specific SJVAPCD rule to model 100 hours of usage per backup generator, that can be the response to the data set.
- Rincon asked if they want to assume if each 1-hour testing event is uncontrolled. CEC said the most conservative approach would be to assume Tier 2 for the modeling. SJVAPCD noted that acute impacts of ammonia from SCR will need to be addressed. Rincon noted that this relates to Data Request PH-4. CEC noted their work usually requires both acute and chronic analysis for diesel. Rincon asked if the CEC has a source for acute modeling for diesel.
 - **Action Item for CEC:** CEC said they will regroup on PH-4 and either provide the methodologies they have seen in the past or provide clarification on what is needed.

- Intersect suggested doing half an hour of controlled and half an hour of uncontrolled, would the 50:50 scenario be better. CEC said for ammonia that might be overly conservative, 15 minutes uncontrolled and 45 minutes controlled might be more realistic.
- SJVAPCD noted that this does not really affect their analysis, they are more concerned with DPM, which is a TAC and unaffected by warmup times for SCR equipment. DPFs, as installed, tend to control emissions at all times.
- Rincon asked about a reference for emissions trigger levels for the AQIA. SJVAPCD noted Rule 2201, which says that is typically triggered through public notice. SJVAPCD also noted APR 2030 for the CEQA AAQA. CEC shared public notification requirements are under Section 5.4 of Rule 2201.
- CEC noted that the Opt-in Application states there will be 100 hours associated with emergency operations. Rincon clarified that the assumptions for the generators have since been refined and will address this in the data response.

From: Mayer, Alex@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=1A7EF7EC23EB4292ABD2748CE1B69948-EF756FA8-50]
Sent: 2/14/2024 12:56:23 AM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]
Subject: RE: CEC response IP Darden I, LLC Application for Confidentiality, dated 11-7-23.

Thanks for the update, Becky. We will be on the lookout for the revised application.

You can docket the redacted version in the public docket and use the standard confidential filing process to submit the unredacted version under confidential cover with the revised request for confidentiality.

- Alex

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Monday, February 12, 2024 11:36 AM
To: Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>
Cc: Babula, Jared@Energy <Jared.Babula@energy.ca.gov>
Subject: Re: CEC response IP Darden I, LLC Application for Confidentiality, dated 11-7-23.

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Alex and Jared,

My team is preparing supporting information to respond to the letter for keeping the capital costs confidential. We would like to submit a redacted version of Appendix B with only the capital costs redacted, and submit an unredacted version under confidential cover with an updated request for confidentiality.

Should the initial response letter be emailed to this email: confidentialapplication@energy.ca.gov or what is the most appropriate way to respond?

Thank you,

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(e) becky.moores@intersectpower.com

On Mon, Feb 12, 2024 at 11:59 AM Mayer, Alex@Energy <Alex.Mayer@energy.ca.gov> wrote:

Hi Becky,

Thanks for the heads up, Becky. Could you please contact me and Jared if you plan to file anything with the Commission?

- Alex

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, February 8, 2024 7:55 AM
To: Fredieu, Pamela@Energy <Pamela.Fredieu@energy.ca.gov>
Cc: Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>
Subject: Re: CEC response IP Darden I, LLC Application for Confidentiality, dated 11-7-23.

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Pamela,

I am in receipt of the letter and will provide a response within the 14-day period.

Thank you,

Becky Moores

Director, Environmental & Permitting

INTERSECT POWER

(c) 303.919.6735

(e) becky.moores@intersectpower.com

On Tue, Feb 6, 2024 at 3:13 PM Fredieu, Pamela@Energy <Pamela.Fredieu@energy.ca.gov> wrote:

Dear Simon Ross and Becky Moores:

Attached is the California Energy Commission's response to IP Darden I, LLC Application for Confidentiality, dated November 7, 2023.

Thank you,

Pamela Fredieu

Legal Secretary
Chief Counsel's Office
916-776-0780
916-654-3951 - Office number
California Energy Commission
715 P Street, MS-14
Sacramento, Ca 95814



From: Watson, Carol@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=84E32D50C7DC47D89812B468A50090ED-WATSON, CAR]
Sent: 2/14/2024 9:54:29 PM
To: Vang, Jim@Wildlife [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=32237e96460546779116e0d64096b692-WildlifeJim]; Swanberg, Carrie@Wildlife [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=14e182d204a9453892624e45297fac1e-WildlifeCar]
CC: Mulligan, Rhiannon@Wildlife [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a62a013861764f1e8556eaf023a2cc94-WildlifeRhi]; Stroud, Andrea@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9703ce11dc9547c78c64f22894500b5c-Martine, An]
Subject: Darden update 23-OPT-02)
Flag: Flag for follow up

Good afternoon,

Just a quick update on Darden: things seem to be delayed; we are now expecting a revised Application for Certification towards the end of February or March. Meantime, I'm looking into standard measures and practices for solar fields, eg. Long or short-term monitoring and/or adaptive management techniques. I will set up a meeting around the time the new application is filed, however, if you have any preferred language or mitigation measures, please feel free to share them. I am looking in particular at Fresno County projects such as Little Bear, Luna Valley, and Scarlet Solar.

Let me know if you have any questions,
Best,
Carol

Carol Watson
Staff Biologist
Siting, Transmission & Environmental Protection Division
California Energy Commission
715 P Street
Sacramento, CA 95814



From: Becky Moores [becky.moores@intersectpower.com]
Sent: 2/13/2024 1:47:57 AM
To: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Subject: Re: Darden Clean Energy Project- edits and clarifications on Jan 2 Bio meeting notes
Attachments: 23-OPT-02_Darden_Biological Resources_Meeting Notes_01.02.2024_CEC_CDFW_Rincon_IP.docx

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Lisa and Ann,

Biology notes attached with a few additions and clarifications from Intersect and Rincon.

Thank you,

Becky Moores
INTERSECT POWER
(c) becky.moores@intersectpower.com

On Tue, Jan 23, 2024 at 9:49 AM Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov> wrote:

Hi all,

CEC and CDFW reviewed the notes Rincon so kindly took and made some edits, clarifications and additions based on the notes we also took. The edits have been made in track changes.

At the bottom of the notes are two follow-up clarification/questions from CEC staff on DR BIO-13 and DR BIO-14. Please review them and keep them in mind as you complete your biological resource responses.

Thank you,

Lisa Worrall

Senior Environmental Planner

California Energy Commission

Siting, Transmission and Environmental Protection Division

715 P Street, MS-40, Sacramento, CA 95814

Direct: (916) 661-8367

Email: lisa.worrall@energy.ca.gov



Darden Clean Energy Project (23-OPT-02)

Biological Resources Data Request Discussion

Date: January 2, 2024

Time: 10:00 to 12:00 pm

Location: Microsoft Teams

Attendees:

Eric Knight, CEC	Rhiannon Mulligan, CDFW
Lisa Worrall, CEC	Jim Vang, CDFW
Ann Crisp, CEC	Becky Moores, Intersect Power
Carol Watson, CEC	Marisa Mitchell, Intersect Power
Andrea Stroud, CEC	Dave Daitch, Rincon Consultants
Larry Bonner, CDFW	Christina Shushnar, Rincon Consultants
Carrie Swanberg, CDFW	

Meeting Minutes

1. Meeting opening

- Brief introductions, purpose of meeting, raise hand feature on Teams, and meeting notes format.

2. Discussion of the following Biological Resources Data Requests:

- DR BIO-3 to DR BIO-4
 - Rincon and Intersect noted that many of the data requests were regarding information that was summarized in the application package and detailed in the Biological Resources Assessment (BRA) and other appendices in the application materials. Rincon and Intersect requested clarity regarding specifically what additional information CEC and CDFW would like to see.
 - CEC noted that staff that they had read the entire application including appendices, and they found the information to be missing.
 - CEC noted they are looking for more information regarding site hydrology to determine if a Section 1600 permit is needed.
 - CDFW noted they are trying to understand if Cantua Creek would be impacted and would like more information regarding the direction of flow for onsite agricultural ditches.
 - i. CDFW inquired about the directional water flow adjacent to and/or within the proposed solar facility portion of the overall Project site. CDFW asked whether any of the canals within the Project site receive water from Fresno slough, or if the canals feed into the Fresno Slough. This

information is important to determine whether or not there could be 1600/Lake and Streambed Alteration issues. Due to the limited time to comment and the large amount of documents provided, CDFW wasn't sure if this information was already provided. CDFW stated that if the information was, provided please direct us to that information.

- ii. CDFW emphasized that impacts to Cantua Creek would likely be considered jurisdictional. Cantua Creek is diverted into a canal where it intersects with Harlan Avenue. Near this intersection point, the Project's transmission line will cross Cantua Creek and CDFW and CEC inquired whether there will be any construction activities near the waterway; CDFW would like to know where the transmission poles will be constructed east and west of where the transmission line crosses Cantua Creek.
- o Intersect clarified the project will not impact jurisdictional features. Cantua Creek will be spanned by the gen-tie (500 kV line – 1,300-foot spans) and no construction equipment or materials will enter the creek (strung by helicopter).
- o Intersect noted they would detail in their responses where this information was provided in the application and would provide requested information if it was not included in the application.

- DR BIO-7

- o Rincon ~~noted~~ stated that they determined project site does not support habitat for these species; therefore, monitoring would not be necessary as preconstruction surveys and 100% avoidance would prevent impacts. Rincon added that the utility substation (CEC additional note: actually a switching yard) is adjacent to potential habitat to the west.
- o CDFW noted they are generally in agreement that the habitat doesn't support these species, but noted that species move and would like to see measures to address San Joaquin kit fox (SJKF) which ~~may be~~ are attracted to construction the site during construction. CDFW noted that they would like to see additional avoidance measures for SJKF. one pre-construction survey and no monitoring is not enough. As the SJKF is attracted to construction activities, then site monitoring is needed.
- o Intersect clarified that the current document includes mitigation measure BIO-4 for SJKF.
- o CEC showed a CNDDDB map with historic occurrences of blunt-nosed leopard lizard (BNLL) ~~and SJKF west of the~~ which overlap the proposed substation location and requested more information on laydown areas.

- Intersect noted that design is not far enough along to know the exact locations of the laydown areas. GIS shape files of laydown areas are not possible. Intersect also noted they have standard contractor conditions regarding biologically protective construction practices for laydown areas such as covering pipes.
 - Rincon clarified that all laydown areas would be located within the project development footprint.
 - CEC noted that if there are multiple laydown areas, they need to see them in the application. Show them as best as you can.
 - CEC and CDFW noted that they would like to see an enforceable CEQA mitigation measure with performance criteria for biological monitoring. CDFW stated that the plan needs to include a requirement for review and approval by CEC and CDFW.
 - Intersect noted they would detail in their responses where this information was provided in the application and would provide requested information as available (excluding laydown areas) if it was not included in the application.
- DR BIO-9 to DR BIO-17
 - Rincon noted the BRA included a habitat assessment for BNLL and concluded there was no suitable BNLL habitat onsite.
 - Intersect showed recent aerial imagery of the current orchard present at the proposed utility substation (CEC note: actually a switching station) location.
 - CDFW agreed the orchard is not suitable for BNLL but noted that BNLL could walk over from adjacent habitat. CDFW requested avoidance measures for if BNLL wander into the project site.
 - CDFW inquired whether Intersect would have monitors for BNLL by the utility substation. CDFW stated that avoidance measures ~~biologists~~ would be required during construction for BNLL that could walk into the site. ~~CDFW noted they should define the area outside and adjacent to the site and have a monitoring plan in case they wander into the site.~~
 - CEC summarized the required survey and analysis buffers and requested additional information regarding where surveys occurred.
 - Rincon and Intersect clarified that the analysis included the required buffers and that they do not have access to adjacent areas outside the project footprint.
 - CEC noted they understood a habitat assessment for BNLL for areas outside and adjacent to the project site will be provided, along with appropriate monitoring plans, Intersect noted they would detail in their responses where this information was provided in the application and would provide requested information if it was not included in the application.

- DR BIO-12

- CEC asked for more detail on buffers and access per regulations.
- Intersect noted they would detail in their responses where this information was provided in the application and would provide requested information if it was not included in the application.

- DR BIO-13, BIO-14

- DR BIO-15, BIO-16, BIO-17

- Rincon noted that the BRA included a habitat assessment for tricolored blackbird and concluded there is no suitable habitat for the species within the impact footprint.
- CDFW stated tricolored blackbird nest in row crops (i.e. low agricultural crop fields) and move between areas with low row crops. CDFW emphasized that our concerns for TRBL (and also SWHA) refer to the portions of the Project site located east of I-5. Aerial view of the proposed solar facility show that the property(s) bordering the Project site may be farmed alfalfa/wheat fields. So, avoidance buffers may need to be observed if nesting TRBL are detected within the Project site or in the neighboring properties.
- Rincon clarified that the solar project area typically rotates between disced field and weeds (mustard and Russian thistle) and does not contain consistent areas of row crops.
- Rincon stated that Westlands has some tenants that dry farm, but Rincon is not sure where. Depending upon the time of year and ground cover, Intersect stated they can develop a plan for protecting tricolored blackbird.
- CEC requested a map of landcover types using the same definitions used in the BRA. CEC noted the maps should identify which fields are low cover crops.
- Lost Hills crownscale documented within one mile so listed as low potential. One stretch of Cantua Creek has natural habitat.
- Habitat is adjacent to the utility switchyard to the west. None of the actual habitat would be impacted, according to the applicant.

- DR BIO-20 to 22

- Intersect noted that diesel generators would only be required for emergency back-up power to safely power down the electrolyzer. Intersect also noted that the specific generators and locations have not yet been selected and they are currently working with their engineers to determine duration of use for regular testing.

- CEC confirmed the need to evaluate indirect nitrogen impacts to adjacent natural and sensitive communities and noted that the nitrogen deposition modelling should assess a 6-mile radius.
 - Intersect stated they would refine the hours of operation of the backup generators based on PG&E outage data.
 - Intersect looking at alternative fuels.
- DR BIO-21, BIO-22
 - DR BIO-25 to DR BIO-27
 - Rincon noted that the BRA included a habitat assessment and concluded there is not suitable habitat for Crotch's bumble bee on site; therefore, surveys would not be warranted.
 - CDFW noted that there is not a lot of information on Crotch's bumble bee, and they feel it is appropriate to do protocol surveys in areas that have suitable habitat with potential to support the species. CDFW also noted that as Intersect has plenty of time before construction to conduct surveys as -surveys within suitable habitat -should be done this in Spring/Summer. Also, CDFW suggested measures for pre-construction within suitable habitat for the species.
 - CDFW noted that there is no hive habitat onsite due to consistent disking of the fields but Crotch's bumble bee forage in a broad area and protocol surveys should be conducted within areas of suitable habitat, if present.
 - CEC understood Intersect said they would detail in their responses where this information was provided in the application and would provide requested information if it was not included in the application.
- DR BIO-26
 - DR BIO-27
 - CDFW requested additional measures to protect SJKF during O&M and construction. Concern is doing surveys for denning or night work during construction and how to avoid them.
 - Intersect noted they would detail in their responses where this information was provided in the application and would provide requested information if it was not included in the application.
- DR BIO-31
 - DR BIO-35
 - CEC stated they disagree that impacts to BUOW would be temporary (18 to 36 months) and requested a BUOW mitigation and monitoring plan.

- DR BIO-37 to DR BIO-38
- DR BIO-40 to DR BIO-41
 - Rincon and Intersect noted revegetation will be informed by the research study outlined in the Swainson's Hawk (SWHA) Conservation Strategy and Vegetation Management Plan.
 - CEC noted they are looking for an enforceable CEQA mitigation measure with success criteria and clarified they would like to see two separate measures; one for post-construction and one for closure.
 - Intersect and Rincon noted the SWHA Conservation Strategy and Vegetation Management Plan include the plan for post-construction revegetation and the plan for closure is discussed in the Reclamation Plan.
 - Intersect noted they would detail in their responses where this information was provided in the application and would provide requested information if it was not included in the application.
- DR BIO-41
- DR BIO-43
 - Rincon clarified the SWHA Conservation Strategy includes performance criteria and details on locations and numbers of trees to be preserved/planted
 - CEC requested the SWHA Conservation Strategy be included as an enforceable CEQA mitigation measure with performance criteria with more detail than provided, which was substandard for a condition of certification.
 - Intersect noted they would detail in their responses where this information was provided in the application and would provide requested information if it was not included in the application.
- DR BIO-44
- DR BIO-46
 - Rincon clarified that the BRA includes nesting bird surveys and avoidance buffers for birds and raptors. (CDFW additional note: while SWHA is a raptor, CDFW's recommended avoidance buffers for listed raptors vs non-listed raptors are not the same, and therefore listed raptor avoidance buffers may need to be specifically called out; CDFW usually recommend ½ mile avoidance buffers for listed raptors, and 500 feet for non-listed raptors)
- CEC asked for clarification on sensitive plant potential to occur. Rincon noted they would provide clarity in the DR responses.

- CEC asked about the approach to revegetation. Rincon and Intersect noted the research study is intended to provide peer reviewed results to evaluate the most effective methods for successful revegetation based on site specific conditions.
 - CEC noted that revegetation must be encapsulated as a distinct standalone measure,
- CEC asked about the utility substation and step-up substations. Intersect clarified the 500 kV BAAH utility substation is a switchyard without transformers and the step-up substation would be located within the PV array. The hydrogen electrolyzer would have a step-down substation to power the electrolyzer only for the alternate site located west of I-5. The electrolyzer location within the PV array area would not need a ~~step~~ downstep-down substation.

Follow up clarifications/questions from CEC biological resources staff regarding DR BIO-13 & BIO-14:

1. Lost Hills crownscale (*Atriplex coronata* var. *vallicola*) and other *Atriplex* spp., palmate-bracted birds'-s-beak (*Chloropyron palmatum*), as well as other species with similar habitat requirements:

The "potential to occur" listed for several plant species is inconsistent with the "Habitat Suitability/Observations" column. Specifically, for Lost Hills crownscale it states this species has a "Low Potential" to occur and that "suitable chenopod scrub, valley and foothill grassland does occur within the BSA but does not occur within 200 ft. of the Project Site (utility switchyard)". However, other *Atriplex* spp., as well as several other species (e.g. palmate-bracted bird's beak) that have similar habitat requirements, it states that these species have "No Potential" to occur and "suitable chenopod scrub, valley and foothill grassland does not occur within the BSA."

These discrepancies should be resolved as part of the response to data requests (DR BIO-13 and BIO-14) as discussed during the meeting and the applicant should explain why the potential to occur differs for this host of species that occur in similar habitats.

2. California Tiger Salamander (CTS):

The Special-Status Species Evaluation Table (Appendix Q-2, p. Q-2-9) states: "A perennial pond for grazing cattle with nearby ground squirrel burrows occurs west of the utility switchyard within the BSA. However, there is no suitable habitat in the BSA within the 1.2-mile dispersal distance of this species". However, according to staff's review of applicant's data (including shapefiles), Impoundments 1 and 2 (TN 253038-3, pps. 31 of 57 and 32 of 57) are located immediately adjacent to the border of the "Utility Switchyard Parcel" and less than 0.26 and 0.16 miles (respectively) from the boundary of the "Utility Switchyard".

These locations may contain suitable habitat for CTS and are well within dispersal distance of 1.2 miles. There is also another immediately offsite portion described under San Joaquin coachwhip as "An area of suitable open dry habitat with nearby ground squirrel burrows

occurs west of the switch yard within the BSA.” (p. Q-2-11), that could be potentially suitable habitat for CTS within dispersal distance. Portions of the utility switchyard and gen tie line may also provide suitable habitat for CTS with the presence of ground squirrel burrows.

These mapping discrepancies should be resolved as part of the response to data requests (DR BIO-13, BIO-14 and BIO-34). Please ensure the responses provide additional information on the applicant’s determination that there is no potential for CTS to occur and include the results of any offsite survey data.

From: Becky Moores [becky.moores@intersectpower.com]
Sent: 2/15/2024 5:26:33 PM
To: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
CC: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Subject: Re: FW: 1 Document(s) filed in Darden Clean Energy Project, 23-OPT-02,

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Hi Lisa,

Please have your team look for the document with the information shown below, which is a snip from the confirmation email I received after submittal. Let me know if they still cannot locate that document.

- Title: **CAISO Phase I_Q1949-Darden-Appendix_A-C14Ph1**
Document Description: CAISO Phase I_Q1949-Darden-Appendix_A-C14Ph1
20 page(s)
Document Type: Document
Notes to CEC: for confidentiality is justified due to the confidentiality agreements (i.e. GIDAP Appendix DD and the NDA) by and between IP Darden and CAISO

Becky Moores
INTERSECT POWER
(c) becky.moores@intersectpower.com

On Thu, Feb 15, 2024 at 9:43 AM Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov> wrote:

Hi Becky,

I checked with our transmission folks and Appendix A – Individual Project Report was not included in this filing.

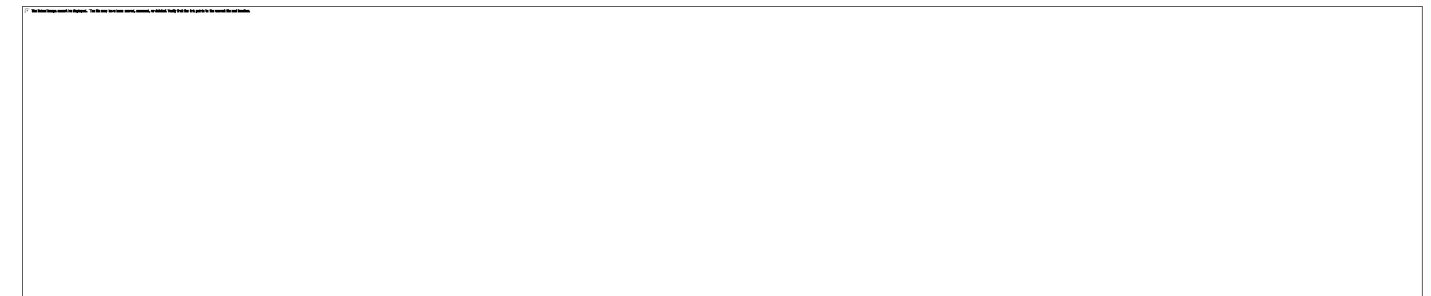
Please file this appendix. Thanks,

Lisa

From: California Energy Commission <CEC@public.govdelivery.com>
Sent: Friday, February 9, 2024 5:28 PM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: 1 Document(s) filed in Darden Clean Energy Project, 23-OPT-02,

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Dear Subscribers,

The following 1 Document(s) submitted to Docket Number **23-OPT-02** have been published:

- Docket Number: 23-OPT-02
Project Title: Darden Clean Energy Project
TN Number: 254398
Title: DR-TSD-1 Application for Confidential Designation
Description: DR-TSD-1 Application for Confidential Designation
Filer: Becky Moores
Organization: Intersect Power
Role: Applicant
Submission Date: 2/9/2024 4:45:44 PM
Docketed Date: 2/9/2024
Subject(s):
Submission Type: Document
Page(s): 3

Thank you,
02/09/2024 17:26:22.934

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This email was sent to lisa.worral@energy.ca.gov from the California Natural Resources Agency utilizing govDelivery. California Natural Resources Agency, 715 P Street, California, CA 95814



From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 2/12/2024 4:19:22 PM
To: Becky Moores [becky.moores@intersectpower.com]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Subject: RE: Darden DR TSD-1 Response Submitted

Thanks Becky.

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Friday, February 9, 2024 4:48 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Darden DR TSD-1 Response Submitted

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Ann and Lisa,

I just submitted the CAISO Phase I interconnection study documents to the docket as a confidential filing. This is in response to data request TSD-1.

Best,

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(e) becky.moores@intersectpower.com

From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 2/14/2024 1:49:39 AM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Subject: Re: Darden- DR VIS-1

Thank you!

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From: Becky Moores <becky.moores@intersectpower.com>
Sent: Tuesday, February 13, 2024 5:09:04 PM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: Re: Darden- DR VIS-1

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Lisa - I did just send an email through Kiteworks with a large zipfile attachment in regards to DR VIS-1.

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Tue, Feb 13, 2024 at 6:05 PM Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov> wrote:

Hi Becky,

Just wanted to confirm you just sent me a secure message for DR VIS-1. Please confirm.

Thanks,

Lisa Worrall

Senior Environmental Planner

California Energy Commission

Siting, Transmission and Environmental Protection Division

715 P Street, MS-40, Sacramento, CA 95814

Direct: (916) 661-8367

Email: lisa.worrall@energy.ca.gov



From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 2/15/2024 4:43:49 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Subject: FW: 1 Document(s) filed in Darden Clean Energy Project, 23-OPT-02,

Hi Becky,

I checked with our transmission folks and Appendix A – Individual Project Report was not included in this filing.

Please file this appendix. Thanks,

Lisa

From: California Energy Commission <CEC@public.govdelivery.com>
Sent: Friday, February 9, 2024 5:28 PM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: 1 Document(s) filed in Darden Clean Energy Project, 23-OPT-02,

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Dear Subscribers,

The following 1 Document(s) submitted to Docket Number **23-OPT-02** have been published:

- Docket Number: 23-OPT-02
Project Title: Darden Clean Energy Project
TN Number: 254398
Title: DR-TSD-1 Application for Confidential Designation
Description: DR-TSD-1 Application for Confidential Designation
Filer: Becky Moores
Organization: Intersect Power
Role: Applicant

Submission Date: 2/9/2024 4:45:44 PM

Docketed Date: 2/9/2024

Subject(s):

Submission Type: Document

Page(s): 3

Thank you,
02/09/2024 17:26:22.934

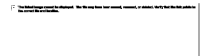
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Sent: 2/15/2024 4:34:22 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Subject: FW: 1 Document(s) filed in Darden Clean Energy Project, 23-OPT-02,

Hi Becky,

I checked with our transmission folks and Attachment A was not included in this filing.

From: California Energy Commission <CEC@public.govdelivery.com>
Sent: Friday, February 9, 2024 5:28 PM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: 1 Document(s) filed in Darden Clean Energy Project, 23-OPT-02,

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

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Dear Subscribers,

The following 1 Document(s) submitted to Docket Number **23-OPT-02** have been published:

- Docket Number: 23-OPT-02
Project Title: Darden Clean Energy Project
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Docketed Date: 2/9/2024
Subject(s):
Submission Type: Document
Page(s): 3

Thank you,
02/09/2024 17:26:22.934

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From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 2/16/2024 10:23:26 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Mulligan, Rhiannon@Wildlife [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a62a013861764f1e8556eaf023a2cc94-WildlifeRhi]; Vang, Jim@Wildlife [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=32237e96460546779116e0d64096b692-WildlifeJim]; Swanberg, Carrie@Wildlife [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=14e182d204a9453892624e45297fac1e-WildlifeCar]; Bonner, Lawrence(Larry)@Wildlife [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1869dadea1e4452e9802a366a8cd9d2a-WildlifeLaw]; Watson, Carol@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=84e32d50c7dc47d89812b468a50090ed-Watson, Car]; Stroud, Andrea@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9703ce11dc9547c78c64f22894500b5c-Martine, An]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]
Subject: Darden Clean Energy Project (23-OPT-02) CEC response to Rincon and IP edits on Jan 2, 2024 bio notes
Attachments: 23-OPT-02_Darden_Biological Resources_Meeting Notes_01.02.2024_CEC_CDFW_Rincon_IP_CEC.docx; 23-OPT-02 Follow up and clarification to Jan 2, 2024 bio meeting notes.docx

Hi Becky,

Here are our responses to your proposed edits. We pulled out the follow up and clarification notes into a separate document.

Staff is reviewing Christina Shushnar's comments about the habitat assessment and may have follow up clarification.

Thanks,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov



Darden Clean Energy Project (23-OPT-02)
Biological Resources Data Request Discussion

Date: January 2, 2024

Time: 10:00 to 12:00 pm

Location: Microsoft Teams

Attendees:

Eric Knight, CEC	Rhiannon Mulligan, CDFW
Lisa Worrall, CEC	Jim Vang, CDFW
Ann Crisp, CEC	Becky Moores, Intersect Power
Carol Watson, CEC	Marisa Mitchell, Intersect Power
Andrea Stroud, CEC	Dave Daitch, Rincon Consultants
Larry Bonner, CDFW	Christina Shushnar, Rincon Consultants
Carrie Swanberg, CDFW	

Meeting Minutes

1. Meeting opening

- Brief introductions, purpose of meeting, raise hand feature on Teams, and meeting notes format.

2. Discussion of the following Biological Resources Data Requests:

- DR BIO-3 to DR BIO-4
 - Rincon and Intersect noted that many of the data requests were regarding information that was summarized in the application package and detailed in the Biological Resources Assessment (BRA) and other appendices in the application materials. Rincon and Intersect requested clarity regarding specifically what additional information CEC and CDFW would like to see.
 - CEC noted that staff that they had read the entire application including appendices, and they found the information to be missing.
 - CEC noted they are looking for more information regarding site hydrology to determine if a Section 1600 permit is needed.
 - CDFW noted they are trying to understand if Cantua Creek would be impacted and would like more information regarding the direction of flow for onsite agricultural ditches.

- i. CDFW inquired about the directional water flow adjacent to and/or within the proposed solar facility portion of the overall Project site. CDFW asked whether any of the canals within the Project site receive water from Fresno slough, or if the canals feed into the Fresno Slough. This information is important to determine whether or not there could be 1600/Lake and Streambed Alteration issues. Due to the limited time to comment and the large amount of documents provided, CDFW wasn't sure if this information was already provided. CDFW stated that if the information was, provided please direct us to that information.
 - ii. CDFW emphasized that impacts to Cantua Creek would likely be considered jurisdictional. Cantua Creek is diverted into a canal where it intersects with Harlan Avenue. Near this intersection point, the Project's transmission line will cross Cantua Creek and CDFW and CEC inquired whether there will be any construction activities near the waterway; CDFW would like to know where the transmission poles will be constructed east and west of where the transmission line crosses Cantua Creek.
 - Intersect clarified the project will not impact jurisdictional features. Cantua Creek will be spanned by the gen-tie (500 kV line – 1,300-foot spans) and no construction equipment or materials will enter the creek (strung by helicopter).
 - Intersect noted they would detail in their responses where this information was provided in the application and would provide requested information if it was not included in the application.
- DR BIO-7
 - Rincon ~~noted-stated~~ that they determined project site does not support habitat for these species; therefore, monitoring would not be necessary as preconstruction surveys and 100% avoidance would prevent impacts. Rincon added that the utility substation (CEC additional note: actually a switching yard) is adjacent to potential habitat to the west.
 - CDFW noted they are generally in agreement that the habitat doesn't support these species, but noted that species move and would like to see measures to address San Joaquin kit fox (SJKF) which ~~may be~~ are attracted to construction the site during construction. CDFW noted that they would like to see additional avoidance measures for SJKF. ~~one pre-construction survey and no monitoring is not enough.~~ As the SJKF is attracted to construction activities, then site monitoring is needed.
 - Intersect clarified that the current document includes mitigation measure BIO-4 for SJKF.

- CEC showed a CNDDDB map with historic occurrences of blunt-nosed leopard lizard (BNLL) ~~and SJKE west of the~~ which overlap the proposed substation location and requested more information on laydown areas.
 - Intersect noted that design is not far enough along to know the exact locations of the laydown areas. GIS shape files of laydown areas are not possible. Intersect also noted they have standard contractor conditions regarding biologically protective construction practices for laydown areas such as covering pipes.
 - Rincon clarified that all laydown areas would be located within the project development footprint.
 - CEC noted that if there are multiple laydown areas, they need to see them in the application. Show them as best as you can.
 - CEC and CDFW noted that they would like to see an enforceable CEQA mitigation measure with performance criteria for biological monitoring. CDFW stated that the plan needs to include a requirement for review and approval by CEC and CDFW.
 - Intersect noted they would detail in their responses where this information was provided in the application and would provide requested information as available (excluding laydown areas) if it was not included in the application.
- DR BIO-9 to DR BIO-17
 - Rincon noted the BRA included a habitat assessment for BNLL and concluded there was no suitable BNLL habitat onsite.
 - Intersect showed recent aerial imagery of the current orchard present at the proposed utility substation (CEC note: actually a switching station) location.
 - CDFW agreed the orchard is not suitable for BNLL but noted that BNLL could walk over from adjacent habitat. CDFW requested avoidance measures for if BNLL wander into the project site.
 - CDFW inquired whether Intersect would have monitors for BNLL by the utility substation. CDFW stated that avoidance measures ~~biologists would be required during construction~~ for BNLL that could walk into the site. CDFW noted they ~~should define the area outside and adjacent to the site and have a monitoring plan in case they wander into the site.~~
 - CEC summarized the required survey and analysis buffers and requested additional information regarding where surveys occurred.
 - Rincon and Intersect clarified that the analysis included the required buffers and that they do not have access to adjacent areas outside the project footprint.
 - CEC noted they understood a habitat assessment for BNLL for areas outside and adjacent to the project site will be provided, along with appropriate monitoring

plans, Intersect noted they would detail in their responses where this information was provided in the application and would provide requested information if it was not included in the application.

- DR BIO-12

- CEC asked for more detail on buffers and access per regulations.
- Intersect noted they would detail in their responses where this information was provided in the application and would provide requested information if it was not included in the application.

- DR BIO-13, BIO-14

- DR BIO-15, BIO-16, BIO-17

- Rincon noted that the BRA included a habitat assessment for tricolored blackbird and concluded there is no suitable habitat for the species within the impact footprint.
- CDFW stated tricolored blackbird nest in row crops (i.e. low agricultural crop fields) and move between areas with low row crops. CDFW emphasized that our concerns for TRBL (and also SWHA) refer to the portions of the Project site located east of I-5. Aerial view of the proposed solar facility show that the property(s) bordering the Project site may be farmed alfalfa/wheat fields. So, avoidance buffers may need to be observed if nesting TRBL are detected within the Project site or in the neighboring properties.
- Rincon clarified that the solar project area typically rotates between disced field and weeds (mustard and Russian thistle) and does not contain consistent areas of row crops.
- Rincon stated that Westlands has some tenants that dry farm, but Rincon is not sure where. Depending upon the time of year and ground cover, Intersect stated they can develop a plan for protecting tricolored blackbird.
- CEC requested a map of landcover types using the same definitions used in the BRA. CEC noted the maps should identify which fields are low cover crops.
- Lost Hills crownscale documented within one mile so listed as low potential. One stretch of Cantua Creek has natural habitat.
- Habitat is adjacent to the utility switchyard to the west. None of the actual habitat would be impacted, according to the applicant.

- DR BIO-20 to 22

- Intersect noted that diesel generators would only be required for emergency back-up power to safely power down the electrolyzer. Intersect also noted that the specific generators and locations have not yet been selected and they are

currently working with their engineers to determine duration of use for regular testing.

- CEC confirmed the need to evaluate indirect nitrogen impacts to adjacent natural and sensitive communities and noted that the nitrogen deposition modelling should assess a 6-mile radius.
- Intersect stated they would refine the hours of operation of the backup generators based on PG&E outage data.
- Intersect looking at alternative fuels.

- DR BIO-21, BIO-22

- DR BIO-25 to DR BIO-27

- Rincon noted that the BRA included a habitat assessment and concluded there is not suitable habitat for Crotch's bumble bee on site; therefore, surveys would not be warranted.
- CDFW noted that there is not a lot of information on Crotch's bumble bee, and they feel it is appropriate to do protocol surveys in areas that have suitable habitat with potential to support the species. CDFW also noted that as Intersect has plenty of time before construction to conduct surveys as -surveys within suitable habitat -she could be done this in Spring/Summer. Also, CDFW suggested measures for pre-construction within suitable habitat for the species.
- CDFW noted that there is no hive habitat onsite due to consistent discing of the fields but Crotch's bumble bee forage in a broad area and protocol surveys should be conducted within areas of suitable habitat, if present.
- CEC understood Intersect said they would detail in their responses where this information was provided in the application and would provide requested information if it was not included in the application.

- DR BIO-26

- DR BIO-27

- CDFW requested additional measures to protect SJKF during O&M and construction. Concern is doing surveys for denning or night work during construction and how to avoid them.
- Intersect noted they would detail in their responses where this information was provided in the application and would provide requested information if it was not included in the application.

- DR BIO-31

- DR BIO-35

- CEC stated they disagree that impacts to BUOW would be temporary (18 to 36 months) and requested a BUOW mitigation and monitoring plan.
- DR BIO-37 to DR BIO-38
- DR BIO-40 to DR BIO-41
 - Rincon and Intersect noted revegetation will be informed by the research study outlined in the Swainson's Hawk (SWHA) Conservation Strategy and Vegetation Management Plan.
 - CEC noted they are looking for an enforceable CEQA mitigation measure with success criteria and clarified they would like to see two separate measures; one for post-construction and one for closure.
 - Intersect and Rincon noted the SWHA Conservation Strategy and Vegetation Management Plan include the plan for post-construction revegetation and the plan for closure is discussed in the Reclamation Plan.
 - Intersect noted they would detail in their responses where this information was provided in the application and would provide requested information if it was not included in the application.
- DR BIO-41
- DR BIO-43
 - Rincon clarified the SWHA Conservation Strategy includes performance criteria and details on locations and numbers of trees to be preserved/planted
 - CEC requested the SWHA Conservation Strategy be included as an enforceable CEQA mitigation measure with performance criteria with more detail than provided, which was substandard for a condition of certification.
 - Intersect noted they would detail in their responses where this information was provided in the application and would provide requested information if it was not included in the application.
- DR BIO-44
- DR BIO-46
 - Rincon clarified that the BRA includes nesting bird surveys and avoidance buffers for birds and raptors. (; CDFW usually recommend ½ mile avoidance buffers for listed raptors, and 500 feet for non-listed raptors)
- CEC asked for clarification on sensitive plant potential to occur. Rincon noted they would provide clarity in the DR responses.

- CEC asked about the approach to revegetation. Rincon and Intersect noted the research study is intended to provide peer reviewed results to evaluate the most effective methods for successful revegetation based on site specific conditions.
 - CEC noted that revegetation must be encapsulated as a distinct standalone measure,
- CEC asked about the utility substation and step-up substations. Intersect clarified the 500 kV BAAH utility substation is a switchyard without transformers and the step-up substation would be located within the PV array. The hydrogen electrolyzer would have a step-down substation to power the electrolyzer only for the alternate site located west of I-5. The electrolyzer location within the PV array area would not need a step-down substation.

~~Follow up clarifications/questions from CEC biological resources staff regarding DR BIO-13 & BIO-14:~~

- ~~1. Lost Hills crownscale (*Atriplex coronata* var. *vallicola*)) and other *Atriplex* spp., palmate-bracted bird's-beak (*Chloropyron palmatum*), as well as other species with similar habitat requirements:~~

~~The "potential to occur" listed for several plant species is inconsistent with the "Habitat Suitability/Observations" column. Specifically, for Lost Hills crownscale it states this species oikhas a "Low Potential" to occur and that "suitable chenopod scrub, valley and foothill grassland does occur within the BSA but does not occur within 200 ft. of the Project Site (utility switchyard)". However, other *Atriplex* spp., as well as several other species (e.g. palmate-bracted bird's beak) that have similar habitat requirements, it states that these species have "No Potential" to occur and "suitable chenopod scrub, valley and foothill grassland does not occur within the BSA."~~

~~These discrepancies should be resolved as part of the response to data requests (DR BIO-13 and BIO-14) as discussed during the meeting and the applicant should explain why the potential to occur differs for this host of species that occur in similar habitats.~~

- ~~2. California Tiger Salamander (CTS):~~

~~The Special-Status Species Evaluation Table (Appendix Q-2, p. Q-2-9) states: "A perennial pond for grazing cattle with nearby ground squirrel burrows occurs west of the utility switchyard within the BSA. However, there is no suitable habitat in the BSA within the 1.2-mile dispersal distance of this species". However, according to staff's review of applicant's data (including shapefiles), Impoundments 1 and 2 (TN 253038-3, pps. 31 of 57 and 32 of 57) are located immediately adjacent to the border of the "Utility Switchyard Parcel" and less than 0.26 and 0.16 miles (respectively) from the boundary of the "Utility Switchyard".~~

~~These locations may contain suitable habitat for CTS and are well within dispersal distance of 1.2 miles. There is also another immediately offsite portion described under San Joaquin coachwhip as "An area of suitable open dry habitat with nearby ground squirrel burrows~~

occurs west of the switch yard within the BSA." (p. Q-2-11), that could be potentially suitable habitat for CTS within dispersal distance. Portions of the utility switchyard and gentle line may also provide suitable habitat for CTS with the presence of ground squirrel burrows.

These mapping discrepancies should be resolved as part of the response to data requests (DR BIO-13, BIO-14 and BIO-34). Please ensure the responses provide additional information on the applicant's determination that there is no potential for CTS to occur and include the results of any offsite survey data.

From: Mayer, Alex@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=1A7EF7EC23EB4292ABD2748CE1B69948-EF756FA8-50]
Sent: 2/27/2024 7:29:13 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Ziff, Briana@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9d1539e61a02423dad0bea24f0056535-0e930594-04]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]
Subject: RE: CEC response IP Darden I, LLC Application for Confidentiality, dated 11-7-23.

Hi Becky,

Thank you for the additional information. We would like to schedule a meeting with you and your external counsel. We can meet next week since you will have more time then. Please let us know any days or times next week when you are not available and we will propose a meeting time.

Sincerely,

Alex

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Monday, February 26, 2024 11:58 AM
To: Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>
Cc: Ziff, Briana@Energy <Briana.Ziff@Energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>
Subject: Re: CEC response IP Darden I, LLC Application for Confidentiality, dated 11-7-23.

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Alex,

I had external counsel help prepare the response letter and updated request for confidentiality. Do you recommend they attend the call as well, or would a brief call with just us suffice for now? I am traveling this week and have limited availability but can fit something in as needed, or we can look at next week as well.

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Fri, Feb 23, 2024 at 4:51 PM Mayer, Alex@Energy <Alex.Mayer@energy.ca.gov> wrote:

Hi Becky,

We received the revised application. Would you have time next week to discuss the application further? If so, I will schedule a meeting.

Thank you,

Alex Mayer

Attorney IV, CEC

From: Mayer, Alex@Energy
Sent: Tuesday, February 13, 2024 4:56 PM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Babula, Jared@Energy <Jared.Babula@energy.ca.gov>
Subject: RE: CEC response IP Darden I, LLC Application for Confidentiality, dated 11-7-23.

Thanks for the update, Becky. We will be on the lookout for the revised application.

You can docket the redacted version in the public docket and use the standard confidential filing process to submit the unredacted version under confidential cover with the revised request for confidentiality.

- Alex

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Monday, February 12, 2024 11:36 AM
To: Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>
Cc: Babula, Jared@Energy <Jared.Babula@energy.ca.gov>
Subject: Re: CEC response IP Darden I, LLC Application for Confidentiality, dated 11-7-23.

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Alex and Jared,

My team is preparing supporting information to respond to the letter for keeping the capital costs confidential. We would like to submit a redacted version of Appendix B with only the capital costs redacted, and submit an unredacted version under confidential cover with an updated request for confidentiality.

Should the initial response letter be emailed to this email: confidentialapplication@energy.ca.gov or what is the most appropriate way to respond?

Thank you,

Becky Moores

Director, Environmental & Permitting

INTERSECT POWER

(c) 303.919.6735

(e) becky.moores@intersectpower.com

On Mon, Feb 12, 2024 at 11:59 AM Mayer, Alex@Energy <Alex.Mayer@energy.ca.gov> wrote:

Hi Becky,

Thanks for the heads up, Becky. Could you please contact me and Jared if you plan to file anything with the Commission?

- Alex

From: Becky Moores <becky.moores@intersectpower.com>

Sent: Thursday, February 8, 2024 7:55 AM

To: Fredieu, Pamela@Energy <Pamela.Fredieu@energy.ca.gov>

Cc: Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>

Subject: Re: CEC response IP Darden I, LLC Application for Confidentiality, dated 11-7-23.

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Pamela,

I am in receipt of the letter and will provide a response within the 14-day period.

Thank you,

Becky Moores

Director, Environmental & Permitting

INTERSECT POWER

(c) 303.919.6735

(e) becky.moores@intersectpower.com

On Tue, Feb 6, 2024 at 3:13 PM Fredieu, Pamela@Energy <Pamela.Fredieu@energy.ca.gov> wrote:

Dear Simon Ross and Becky Moores:

Attached is the California Energy Commission's response to IP Darden I, LLC Application for Confidentiality, dated November 7, 2023.

Thank you,

Pamela Fredieu

Legal Secretary

Chief Counsel's Office

916-776-0780

916-654-3951 - Office number

California Energy Commission
715 P Street, MS-14
Sacramento, Ca 95814



From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 2/26/2024 8:18:23 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Subject: Darden Clean Energy Project (23--OPT-02)- Status of next batch of responses

Hi Becky,

We received your first set of data responses. Thank you. Can you give us an estimate of when you anticipate submitting a second set of responses?

Thanks,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov



From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 3/4/2024 9:05:04 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Subject: RE: Darden Clean Energy Project (23=-OPT-02)- Status of next batch of responses

Thanks so much Becky.

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Monday, March 4, 2024 1:04 PM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23=-OPT-02)- Status of next batch of responses

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Lisa,

I don't have a specific date just yet but I am reviewing another batch = and will submit when everything is finalized for another set of topics. Friday may be possible but could slip to next week as well.

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Mon, Feb 26, 2024 at 1:18 PM Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov> wrote:

Hi Becky,

We received your first set of data responses. Thank you. Can you give us an estimate of when you anticipate submitting a second set of responses?

Thanks,

Lisa Worrall

Senior Environmental Planner

California Energy Commission

Siting, Transmission and Environmental Protection Division

715 P Street, MS-40, Sacramento, CA 95814

Direct: (916) 661-8367

Email: lisa.worrall@energy.ca.gov



From: Huber, Elizabeth@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=93f40660c3d446578d63390926fd5e5a-Huber, Eliz]
Sent: 3/6/2024 4:28:32 AM
To: Luke Dunnington [luke@intersectpower.com]
CC: Foggie, Mineka@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d9464d93867849a18c9e97fecdbb9765-Foggie, Min]; Salma Abdelfattah [salma.abdelfattah@intersectpower.com]
Subject: Re: Check in on Darden

Hi Luke, I am traveling the next day so virtual for this meeting is preferred. Thanks for asking,Elizabeth

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From: Luke Dunnington <luke@intersectpower.com>
Sent: Tuesday, March 5, 2024 6:07:04 PM
To: Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov>
Cc: Foggie, Mineka@Energy <Mineka.Foggie@energy.ca.gov>; Salma Abdelfattah <salma.abdelfattah@intersectpower.com>
Subject: Re: Check in on Darden

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Elizabeth,
Excellent. Looking forward to it. Should we meet at your office? Or if not convenient, can do virtual. Best,
Luke

.....

Luke Dunnington
President / Founder
INTERSECT POWER
(c) 510.421.1359
www.linkedin.com/in/lukedunnington1

On Tue, Mar 5, 2024 at 2:16 AM Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov> wrote:

Thanks, Luke. I did accept our meeting for March 12. EH

Elizabeth Huber (she/her) | *Director*

email: Elizabeth.huber@energy.ca.gov

Work (916) 776-0609

California Energy Commission

Siting, Transmission and Environmental Protection Division

715 P St, Sacramento, CA 95814



CALIFORNIA ENERGY COMMISSION

From: Luke Dunnington <luke@intersectpower.com>
Sent: Monday, March 4, 2024 9:54 AM
To: Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov>
Cc: Foggie, Mineka@Energy <Mineka.Foggie@energy.ca.gov>; Salma Abdelfattah <salma.abdelfattah@intersectpower.com>
Subject: Re: Check in on Darden

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Elizabeth - Excellent. I've asked Salma to find a time for us next week, and I'll copy you into the Commissioner outreach. Many thanks, Luke

.....
Luke Dunnington
President / Founder
INTERSECT POWER
(c) 510.421.1359

www.linkedin.com/in/lukedunnington1

On Mon, Mar 4, 2024 at 7:50 AM Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov> wrote:

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Thanks,

Elizabeth

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Cc: Foggie, Mineka@Energy <Mineka.Foggie@energy.ca.gov>; Salma Abdelfattah <salma.abdelfattah@intersectpower.com>
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Elizabeth -

Good morning and I hope you're well. I wanted to see when it might be convenient for us to touch base on the following:

1. Progress (and any challenges) so far with the Opt-in process - both Intersect and CEC perspective
2. Progress towards community investment + framing of local economic development impact
3. Check in on alignment of expectations through the rest of 2024
4. In anticipation of Darden's Deemed Complete, knowing that they may be scheduling many weeks out, I'd like to get on the calendars of **Commissioners Monahan, McAllister & Gunda** to introduce Intersect Power and provide an informational on our projects. Curious if you'd prefer to make those introductions or that I reach out to them directly.

Many thanks, Luke

.....

Luke Dunnington
 President / Founder
 INTERSECT POWER
 (c) 510.421.1359

www.linkedin.com/in/lukedunnington1

From: Luke Dunnington [luke@intersectpower.com]
Sent: 3/12/2024 6:49:42 PM
To: Huber, Elizabeth@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=93f40660c3d446578d63390926fd5e5a-Huber, Eliz]
CC: Salma Abdelfattah [salma.abdelfattah@intersectpower.com]; Marisa Mitchell [marisa@intersectpower.com]; Foggie, Mineka@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d9464d93867849a18c9e97fecdbb9765-Foggie, Min]
Subject: BAAH CEQA Evaluation - CEC/PUC/PG&E/IP Alignment

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Elizabeth -

Great connecting with you this morning. As one of my follow ups, I'm writing to pull together the right participants for a call this week, or next week, to ensure alignment between the PUC/CEC/PG&E/Intersect on the sufficiency of Darden's 205 Opt-in approvals for PG&Es GO 131d Authority to Construct approval. Specifically, the Breaker and a Half (BAAH) Switching Station, on PG&Es 500kV system, is a facility that Intersect is building and will deed to PG&E, and is therefore included in our Darden project application and in the CEC's 205 Opt-In CEQA evaluation.

I've copied in Marisa Mitchell, VP Environmental & Permitting, to join this conversation and Salma Abdelfattah to provide some windows of availability for the both of us, as well as the right person from PG&E.

My understanding is that with those dates and times, you can pull in the right folks from the PUC?

Thanks again for the discussion today.

Luke

.....

Luke Dunnington

President / Founder

INTERSECT POWER

(c) 510.421.1359

www.linkedin.com/in/lukedunnington1

From: Luke Dunnington [luke@intersectpower.com]
Sent: 3/12/2024 4:57:50 PM
To: Huber, Elizabeth@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=93f40660c3d446578d63390926fd5e5a-Huber, Eliz]
CC: Foggie, Mineka@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d9464d93867849a18c9e97fecdbb9765-Foggie, Min]; Salma Abdelfattah [salma.abdelfattah@intersectpower.com]
Subject: Re: Check in on Darden
Attachments: 2024-03-12_Darden Update_CEC.pdf

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Elizabeth -

Please find the attached deck for today's discussion. Best regards, Luke

.....
Luke Dunnington
 President / Founder
 INTERSECT POWER
 (c) 510.421.1359
www.linkedin.com/in/lukedunnington1

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Elizabeth Huber (she/her) | *Director*

email: Elizabeth.huber@energy.ca.gov

Work (916) 776-0609

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Siting, Transmission and Environmental Protection Division

[715 P St, Sacramento, CA 95814](#)



**CALIFORNIA
ENERGY COMMISSION**

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Luke Dunnington

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www.linkedin.com/in/lukedunnington1

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Many thanks, Luke

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Luke Dunnington
President / Founder
INTERSECT POWER
(c) 510.421.1359

www.linkedin.com/in/lukedunnington1

From: Luke Dunnington [luke@intersectpower.com]
Sent: 3/12/2024 6:23:16 PM
To: Huber, Elizabeth@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=93f40660c3d446578d63390926fd5e5a-Huber, Eliz]; Foggie, Mineka@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d9464d93867849a18c9e97fecdbb9765-Foggie, Min]
CC: Marisa Mitchell [marisa@intersectpower.com]; Salma Abdelfattah [salma.abdelfattah@intersectpower.com]; Pedro Ossa [pedro.ossa@intersectpower.com]
Subject: CEQA Appendix G - Prime Farmland Evaluation Metrics
Attachments: 2024-03-12_Darden Update_CEC.pdf

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Elizabeth -

Great connecting with you this morning. As one of my follow ups, I'm writing to pull together the right participants for a call this week to further explore how Prime Farmland is evaluated under Opt-in. I've copied in Marisa Mitchell, VP Environmental & Permitting, Pedro Ossa from my staff, and Salma Abdelfattah to assist with scheduling (Salma - this one's top priority).

Slide 6 of the attached deck lays out both (1) the opportunity for SB100 RPS demand to provide an economic solution to farmers on formerly irrigated land that will no longer have access to water under SGMA implementation, but (2) requires new evaluation metrics for Prime Farmland that are forward looking, during a moment of mass transition of water resources under SGMA, rather than obsolete evaluation metrics that look backwards. The past is not an accurate predictor of the future during such a disruptive transition in water availability and productive farmland.

Who else would you like to join this conversation?

Thanks again for the discussion today.
 Luke

.....
Luke Dunnington
 President / Founder
 INTERSECT POWER
 (c) 510.421.1359
www.linkedin.com/in/lukedunnington1

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 3/15/2024 2:17:32 PM
To: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; becky.moores@intersectpower.com
Subject: Re: 23-OPT-02 Darden: DR PD-2 KMZ

Hi Becky - thanks for this, are there any sharing restrictions? Can the data be shared with everyone in the CEC or is it to be restricted to STEP only?Ann

From: becky.moores@intersectpower.com <becky.moores@intersectpower.com>
Sent: Thursday, March 14, 2024 11:28 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: 23-OPT-02 Darden: DR PD-2 KMZ

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becky.moores@intersectpower.com sent you a secure message

Access message

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From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 3/15/2024 5:58:16 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Fw: 23-OPT-02 Darden: DR PD-2 KMZ

Hi Becky - just confirming there are not any restrictions on sharing this file with consultants or MOU agency contacts?


Thanks!

Ann

Inbox > **Message**

 Reply all   Forward  Move to Trash  Print

23-OPT-02 Darden: DR PD-2 KMZ

 becky.moores@intersectpower.com
Mar 14, 2024, 11:28 AM
✉ lisa.worrall@energy.ca.gov, ann.crisp@energy.ca.gov
1 attachment -Expires : Apr 13, 2024
Message body secured

Ann and Lisa,

Attached is a KMZ showing potential locations of the hydrogen stub pipeline, as requested in data request DR PD-2.

Thank you,

Becky Moores
Intersect Power

File attachment expires: Apr 13, 2024

 Download

 Send file

 Save to folder

<input type="checkbox"/>	Name	Size
<input type="checkbox"/>	 DR-PD-2_Darden_CEC H2 Stub Examples.kmz	947 Bytes

thanks!

Ann

From: David, Travis@Energy <travis.david@energy.ca.gov>
Sent: Thursday, March 14, 2024 1:04 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Energy - GIS <GIS@energy.ca.gov>; Blossom, Gabriel@Energy <Gabriel.Blossom@energy.ca.gov>
Cc: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: RE: 23-OPT-02 Darden: DR PD-2 KMZ

Hi Ann, I don't have access to the Kiteworks email as the message was directed to you. Please download the file and send me that or ask Becky to send it to me through Kiteworks.

Can the data be shared with everyone in the CEC or is it to be restricted to STEP only?

Travis David
Electric Generation System Specialist
Siting, Transmission & Environmental Protection Division

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Thursday, March 14, 2024 12:20 PM
To: Energy - GIS <GIS@energy.ca.gov>; Blossom, Gabriel@Energy <Gabriel.Blossom@energy.ca.gov>; David, Travis@Energy <travis.david@energy.ca.gov>
Cc: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Fw: 23-OPT-02 Darden: DR PD-2 KMZ

Hi Travis and Gabriel,

New KMZ files for Darden - can these be added to the CEQA app? or how can all staff view them?

Thanks!

Ann

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Sent: Thursday, March 14, 2024 11:28 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: 23-OPT-02 Darden: DR PD-2 KMZ

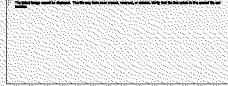
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[Access message](#)

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To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
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Subject: Re: Fw: 23-OPT-02 Darden: DR PD-2 KMZ
Attachments: Outlook-4ifziasj.png

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

No concerns with sharing that file. It corresponds with the information in our second data response set that has been submitted to the docket.

Thanks,

Becky

On Fri, Mar 15, 2024, 11:58 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky - just confirming there are not any restrictions on sharing this file with consultants or MOU agency contacts?

Thanks!

Ann



thanks!

Ann

From: David, Travis@Energy <travis.david@energy.ca.gov>
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To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Energy - GIS <GIS@energy.ca.gov>; Blossom, Gabriel@Energy <Gabriel.Blossom@energy.ca.gov>
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To: Huber, Elizabeth@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=93f40660c3d446578d63390926fd5e5a-Huber, Eliz]
CC: Salma Abdelfattah [salma.abdelfattah@intersectpower.com]; Marisa Mitchell [marisa@intersectpower.com]; Foggie, Mineka@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d9464d93867849a18c9e97fecdbb9765-Foggie, Min]; Hughes, Joseph@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7dd5e80572b644209e9607ba7bdcbb630-Hughes, Jos]; Simon, Sean@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e36c2c770a5340e0b587c829318f19fa-131dab03-54]; Vorters, Dian@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=2c5604e712a74c029e412542e0db72ac-Vorters, Di]
Subject: Re: BAAH CEQA Evaluation - CEC/PUC/PG&E/IP Alignment

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Elizabeth -

Appreciate the follow up here. Salma will be in touch with folks to find availability on the other side of their repatriation. And we'll be on the lookout for your recommendations on CPUC attendees. Our team is coordinating the right attendees at PG&E. Safe travels, Luke

.....
Luke Dunnington
 President / Founder
 INTERSECT POWER
 (c) 510.421.1359
www.linkedin.com/in/lukedunnington1

On Mon, Mar 18, 2024 at 11:41 PM Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov> wrote:

Hi Luke –

Thanks for the follow-up email. I have included the CEC folks that need to be in the meeting. I will discuss with one of STEP's deputy directors regarding who we should include from CPUC, but several of our key counterparts on offsite at a international conference through next week. FYI.

Regards,

Elizabeth

Elizabeth Huber (she/her) | *Director*

email: Elizabeth.huber@energy.ca.gov

Work (916) 776-0609

California Energy Commission

Siting, Transmission and Environmental Protection Division

715 P St, Sacramento, CA 95814



CALIFORNIA ENERGY COMMISSION

From: Luke Dunnington <luke@intersectpower.com>
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To: Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov>
Cc: Salma Abdelfattah <salma.abdelfattah@intersectpower.com>; Marisa Mitchell <marisa@intersectpower.com>; Foggie, Mineka@Energy <Mineka.Foggie@energy.ca.gov>
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Thanks again for the discussion today.

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Sent: 4/3/2024 3:33:05 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Darden Clean Energy Project (23-OPT-02)

Hi Becky,

Follow up from question during PM meeting 2/26. As we discussed, documents efiled needs to be in searchable text (a.k.a. OCR format) in order for it to be ADA compliant. If not searchable dockets will reject the efilings.

Under AB 434, CEC must certify accessibility compliance for its public websites every other year. All CEC documents (created by CEC staff or coming to CEC and labeled as CEC property) must be accessible before posting to the CEC public website.

The Docket system is considered a web application. Under AB 434, CEC is not required to certify the Docket system of its accessibility compliance every other year but CEC documents uploaded by CEC staff must still be accessible per accessibility requirements (such as Section 508). Many of them are also linked on the CEC public website.

Hope this helps!

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov



From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 4/4/2024 10:08:59 PM
To: Becky Moores [becky.moores@intersectpower.com]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
CC: Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Fooks, Brett@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=870df74143964b71ada0039bf13c5a9a-Fooks, Bret]; Paul Miller [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=4d4ce365f8bd442a8cb7d479381e2476-8906af8e-0e]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; Pinkerton, Matthew@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=88b6ef1fba134a2cb0aacd56262dc6c4-Pinkerton,]
Subject: Re: Darden Clean Energy Project (23-OPT-02) Meeting availability regarding DR HAZ-1

Hi Becky,

No problem, who should we include anyone else from Intersect besides yourself?

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, April 4, 2024 2:09 PM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Babula, Jared@Energy <Jared.Babula@energy.ca.gov>; Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>; Paul Miller <pmiller@therchgroup.com>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Pinkerton, Matthew@Energy <Matthew.Pinkerton@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) Meeting availability regarding DR HAZ-1

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Lisa,

Could you please send out a hold invitation for Friday 4/12 from 2:00-4:00. Westlands is confirming availability for others on their side but that block should work.

Please include rfreeman@wwd.ca.gov on that invite.

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Tue, Apr 2, 2024 at 7:35 PM Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov> wrote:
Hi Becky,

Here is our availability re DR HAZ-1. I spoke with both legal and haz mat staff and their position has not changed on the need for this information but they are happy to meet.

Thursday April 11 9:30 to 10

Friday April 12 10:30 to 11, 11:30 to 12, 1-4

Tuesday April 16 11:30 to 12

Wednesday April 17 9:30 to 12, 1-4

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov



From: Luke Dunnington [luke@intersectpower.com]
Sent: 4/2/2024 11:33:14 PM
To: siva.gunda@ca.gov
CC: Park, Jane@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ce9e61096a13493398c5c2a029ddc741-82795f9d-13]; Huber, Elizabeth@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=93f40660c3d446578d63390926fd5e5a-Huber, Eliz]
Subject: Re: AB 205 Opt-Ins: Darden and Perkins

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Commissioner Gunda -

My team has been working closely with Elizabeth Huber's team on two of the early projects going through the **AB 205 Opt-in** process: **Darden**, bringing **1.6 GWp PV + 2.3 GWh BESS + 1 GW H2 to western Fresno County**, and **Perkins** bringing **1.6 GWp PV + 2.3 GWh BESS to eastern Imperial County**. On both of these Cluster 14 projects we are self-building 500KV Breaker and a Half Switching Stations to connect to their respective 500KV lines.

We as a team have built about 20% of the PV operating on the CAISO grid, we own/operate 1GWp of PV and 1.5GWh of BESS in CAISO, and our business plan has us heavily investing in California to develop and build our Cluster 15 projects. As our Darden project approaches Deemed Complete this month, I was hoping to connect with you directly to (i) introduce myself and the competitive differentiation of Intersect Power, (ii) share a high level framing of Darden and Perkins, and (iii) to share our perspective on industry trends.

Is there a good time later in the month to have lunch, meet for coffee, or meet at your offices? I'm happy to travel to wherever is most convenient for you.

I've copied Salma to help find a date and time that aligns for you.

Many thanks, Luke

.....
Luke Dunnington
 President / Founder
 INTERSECT POWER
 (c) 510.421.1359
www.linkedin.com/in/lukedunnington1

From: Luke Dunnington [luke@intersectpower.com]
Sent: 4/2/2024 11:54:43 PM
To: McAllister, Andrew@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fd61bff1a0d54d3486fc00a9fd60eaf4-McAllister,]; Energy - Commissioner McAllister [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=f6179a10973a4cb5bd908f8506c77106-Energy - Co]
CC: Huber, Elizabeth@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=93f40660c3d446578d63390926fd5e5a-Huber, Eliz]; Salma Abdelfattah [salma.abdelfattah@intersectpower.com]
Subject: Comm. McAllister - AB 205 Opt-Ins: Darden and Perkins

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Commissioner McAllister-

My team has been working closely with Elizabeth Huber's team on two of the early projects going through the **AB 205 Opt-in** process: **Darden**, bringing **1.6 GWp PV + 2.3 GWh BESS + 1 GW H2 to western Fresno County**, and **Perkins** bringing **1.6 GWp PV + 2.3 GWh BESS to eastern Imperial County**. On both of these Cluster 14 projects we are self-building 500KV Breaker and a Half Switching Stations to connect to their respective 500KV lines.

We as a team have built about 20% of the PV operating on the CAISO grid, we own/operate 1GWp of PV and 1.5GWh of BESS in CAISO, and our business plan has us heavily investing in California to develop and build our Cluster 15 projects. As our Darden project approaches Deemed Complete this month, I was hoping to connect with you directly to (i) introduce myself and the competitive differentiation of Intersect Power, (ii) share a high level framing of Darden and Perkins, and (iii) to share our perspective on industry trends.

Is there a good time later in the month to have lunch, meet for coffee, or meet at your offices? I'm happy to travel to wherever is most convenient for you.

I've copied Salma to help find a date and time that aligns for you.

Many thanks, Luke

.....

Luke Dunnington

President / Founder

INTERSECT POWER

(c) 510.421.1359

www.linkedin.com/in/lukedunnington1

From: Luke Dunnington [luke@intersectpower.com]
Sent: 4/2/2024 11:55:49 PM
To: Monahan, Patricia@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=f900746f49904f8f958dca949ef65b6d-Monahan, Pa]; Energy - Commissioner Monahan [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64262cc152564bbcaa0df697d3cd26d8-Energy - Co]
CC: Huber, Elizabeth@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=93f40660c3d446578d63390926fd5e5a-Huber, Eliz]; Salma Abdelfattah [salma.abdelfattah@intersectpower.com]
Subject: Comm. Monahan - AB 205 Opt-Ins: Darden and Perkins

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Commissioner Monahan-

My team has been working closely with Elizabeth Huber's team on two of the early projects going through the **AB 205 Opt-in** process: **Darden**, bringing **1.6 GWp PV + 2.3 GWh BESS + 1 GW H2 to western Fresno County**, and **Perkins** bringing **1.6 GWp PV + 2.3 GWh BESS to eastern Imperial County**. On both of these Cluster 14 projects we are self-building 500KV Breaker and a Half Switching Stations to connect to their respective 500KV lines.

We as a team have built about 20% of the PV operating on the CAISO grid, we own/operate 1GWp of PV and 1.5GWh of BESS in CAISO, and our business plan has us heavily investing in California to develop and build our Cluster 15 projects. As our Darden project approaches Deemed Complete this month, I was hoping to connect with you directly to (i) introduce myself and the competitive differentiation of Intersect Power, (ii) share a high level framing of Darden and Perkins, and (iii) to share our perspective on industry trends.

Is there a good time later in the month to have lunch, meet for coffee, or meet at your offices? I'm happy to travel to wherever is most convenient for you.

I've copied Salma to help find a date and time that aligns for you.

Many thanks, Luke

.....

Luke Dunnington
 President / Founder
 INTERSECT POWER
 (c) 510.421.1359
www.linkedin.com/in/lukedunnington1

From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 4/11/2024 4:45:13 PM
To: Fooks, Brett@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=870df74143964b71ada0039bf13c5a9a-Fooks, Bret]; Paul Miller [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=4d4ce365f8bd442a8cb7d479381e2476-8906af8e-0e]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; Ziff, Briana@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9d1539e61a02423dad0bea24f0056535-0e930594-04]; rfreeman@wwd.ca.gov; Becky Moores [becky.moores@intersectpower.com]
CC: Pinkerton, Matthew@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=88b6ef1fba134a2cb0aacd56262dc6c4-Pinkerton,]; Harrell, Amara [aharrell@kmtg.com]; Megan Svedman [megan.svedman@intersectpower.com]
Subject: Darden Clean Energy Project (23-OPT-02) DR HAZ-1 meeting
Location: Microsoft Teams Meeting
Start: 4/12/2024 9:00:00 PM
End: 4/12/2024 10:00:00 PM
Show Time As: Tentative

Required Attendees: Fooks, Brett@Energy; Paul Miller; Knight, Eric@Energy; Crisp, Ann@Energy; Babula, Jared@Energy; Mayer, Alex@Energy; Ziff, Briana@Energy; rfreeman@wwd.ca.gov; Becky Moores
Optional Attendees: Pinkerton, Matthew@Energy; Harrell, Amara; Megan Svedman

Please hold this period for the meeting for Darden re DR HAZ-1.

Once we get final confirmation on Westlands availability during this window, I will follow with an updated invite with the actual meeting time.

Thanks.

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 240 046 286 322

Passcode: Ej5Co9

Dial-in by phone

+1 916-306-7589,,698117950# United States, Sacramento

[Find a local number](#)

Phone conference ID: 698 117 950#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 4/5/2024 1:45:13 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Fw: 23-OPT-02 - Darden - Burrowing Owl

OK - will check with BIO team and see how they would like to proceed with CDFW coordination. Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Friday, April 5, 2024 6:39 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: Fw: 23-OPT-02 - Darden - Burrowing Owl

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

My supervisor, Marisa Mitchell, has been speaking with CDFW about the topic for all of our California projects and has already asked for some times from Julie Vance and Carrie Swanberg. So I can either pass along your availability or feel free to reach out directly to their coordinator at Veronica.Guzman@wildlife.ca.gov. Let me know what works best.

Thanks,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Fri, Apr 5, 2024 at 7:30 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Good morning Becky,

We would be happy to meet to discuss this topic. I will check with the BIO team and CDFW and get some times that work for us.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Friday, April 5, 2024 6:22 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: 23-OPT-02 - Darden - Burrowing Owl

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Ann and Lisa,

With the burrowing owl potentially becoming a candidate species later this year under the California Fish and Game Code we would like to meet with you and CDFW to discuss the best way to address the topic for Darden. Can you provide times for your team for the week of April 15 for a meeting?

We are working on document production for the biology data responses and it looks like delivery of that large set will slip into next week. But your team will have that information to review prior to the meeting, which includes information on BUOW management.

Thank you,

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(e) becky.moores@intersectpower.com

From: Salma Abdelfattah [salma.abdelfattah@intersectpower.com]
Sent: 4/11/2024 11:29:50 PM
To: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
CC: Hughes, Joseph@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7dd5e80572b644209e9607ba7bdc630-Hughes, Jos]; Edirisuriya, Sudath@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a5d6cd74e9024972b122d8344f69b3a8-Edirisuriya]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Subject: Re: CEC/CPUC/PG&E/IP Call - Alignment on CEQA / GO 131d

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Lisa,

Thanks for letting me know!. Unfortunately, 3-4p PT doesn't work for the CPUC team anymore. I will circle back with additional options as soon as possible.

Salma

On Thu, Apr 11, 2024 at 2:36 PM Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov> wrote:

Hi Salma,

4-5pm won't work for me. Luke sent out an invitation for 3-4. I can make that time.

From: Salma Abdelfattah <salma.abdelfattah@intersectpower.com>
Sent: Thursday, April 11, 2024 2:20 PM
To: Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>; Edirisuriya, Sudath@Energy <sudath.edirisuriya@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Fwd: CEC/CPUC/PG&E/IP Call - Alignment on CEQA / GO 131d

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Eric, Lisa, Sudath, and Joey,

Hope all is well!

Per the thread below, I am working on scheduling a meeting with teams from CPUC, CEC, PG&E and Intersect power for an alignment call on CEQA /GO 131d.

This meeting has many participants across multiple organizations and I was under the impression that a different group of CEC members were attending this meeting when originally scheduling this meeting. **Is there any way 4-5p PT next wednesday 4/17** could work for you? I'll update the invite accordingly.

Thank you for your flexibility in advance.

Best,

Salma

----- Forwarded message -----

From: **Salma Abdelfattah** <salma.abdelfattah@intersectpower.com>

Date: Thu, Apr 11, 2024 at 1:49 PM

Subject: Re: CEC/CPUC/PG&E/IP Call - Alignment on CEQA / GO 131d

To: Vorters, Dian@Energy <Dian.Vorters@energy.ca.gov>

Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>

Hi Dian,

Thank you so much!

Salma

On Thu, Apr 11, 2024 at 1:39 PM Vorters, Dian@Energy <Dian.Vorters@energy.ca.gov> wrote:

Hi Salma,

Per Eric Knight, please include for CEC:

Project managers Ann Crisp (ann.crisp@energy.ca.gov) and Lisa Worrall (lisa.worrall@energy.ca.gov) .

Sudath Edirisuriya (sudath.edirisuriya@energy.ca.gov) who is assigned to the Darden Project for transmission system design/safety nuisance.

Joey Hughes (joseph.hughes@energy.ca.gov) manager responsible for this topic area.

For CPUC:

Lisa has been coordinating with Trevor Pratt, Senior CEQA Project Manager, on this topic.

Trevor.Pratt@cpuc.ca.gov

Also from CPUC, Roxanne Henriquez, Program and Project Supervisor| Infrastructure Planning and CEQA
HenriquezRoxanne.Henriquez@cpuc.ca.gov

Thank you,

Dian

Dian M. Vorters |Deputy Director, Siting Transmission & Environmental Protection |California Energy Commission|916-937-2339

From: Vorters, Dian@Energy

Sent: Thursday, April 11, 2024 12:58 PM

To: Salma Abdelfattah <salma.abdelfattah@intersectpower.com>

Subject: RE: CEC/CPUC/PG&E/IP Call - Alignment on CEQA / GO 131d

Hi Salma,

I do not have contact information for staff at PUC. Please add Eric Knight from CEC to the invitee list.
(eric.knight@energy.ca.gov)

Thank you.

Dian

Dian M. Vorters |Deputy Director, Siting Transmission & Environmental Protection |California Energy Commission|916-937-2339

From: Salma Abdelfattah <salma.abdelfattah@intersectpower.com>
Sent: Thursday, April 11, 2024 8:59 AM
To: Vorters, Dian@Energy <Dian.Vorters@Energy.ca.gov>
Subject: Re: CEC/CPUC/PG&E/IP Call - Alignment on CEQA / GO 131d

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Dian,

Hope all is well! Can you share the contact information of the PUC attendees you'd like to join this call with PGE and IP?

3-4p PT next wednesday seems to work for everyone and I am hoping it works for the PUC team to confirm but I need to confirm with them before I can release the hold.

Appreciate your help with this

Best,

Salma

On Tue, Apr 9, 2024 at 10:30 AM Salma Abdelfattah <salma.abdelfattah@intersectpower.com> wrote:

Thank you, Elizabeth!

Hi Dian,

Hope all is well! Do you have Trevor Pratt's contact information? Is there anyone besides him from the PUC that I should reach out to for this meeting?

Best,

Salma

On Mon, Apr 8, 2024 at 10:31 PM Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov> wrote:

Hi Luke, I am looping in Dian Vorters, as she is your best point of contact for this meeting on April 17. We think it is best if your team coordinate with CPUC since you know the staff assigned to your projects. And yes we are on the same page for the switch yard. Thanks, EH

Elizabeth Huber (she/her) | *Director*

email: Elizabeth.huber@energy.ca.gov

Work (916) 776-0609

California Energy Commission

Siting, Transmission and Environmental Protection Division

715 P St, Sacramento, CA 95814



**CALIFORNIA
ENERGY COMMISSION**

From: Luke Dunnington <luke@intersectpower.com>

Sent: Monday, April 8, 2024 2:49 PM

To: Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov>

Cc: Marisa Mitchell <marisa@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>;
Salma Abdelfattah <salma.abdelfattah@intersectpower.com>

Subject: CEC/CPUC/PG&E/IP Call - Alignment on CEQA / GO 131d

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Elizabeth -

Following up on our 3/29 call, there appeared to be consensus that (i) the CEC CEQA work on our Darden's BAAH Switching Station will be not only appropriate, but even tailored, for PG&E to seek their GO 131d approval from the PUC, and (ii) Darden should secure its license inclusive of the BAAH Substation, a project element that could subsequent to licensing be removed, should that be required for the PUC to grant its own permit.

In an effort to land PG&E and the PUC on the same page, we have Jo Ann Lambert and PG&E colleagues holding 4/17 3-4pm for this call. Is that a time that works for the right folks from your team?

Who other than Trevor Pratt from the PUC should join, and would the CEC prefer to handle logistics with the PUC, or have us do that?

Many thanks, Luke

.....
Luke Dunnington
President / Founder
INTERSECT POWER
(c) 510.421.1359

www.linkedin.com/in/lukedunnington1

--

Salma Abdelfattah

Executive Assistant to the President
INTERSECT POWER
(c) 407.797.6060
(e) salma.abdelfattah@intersectpower.com
<https://www.linkedin.com/in/salma-abdelfattah/>

--

Salma Abdelfattah
Executive Assistant to the President
INTERSECT POWER
(c) 407.797.6060
(e) salma.abdelfattah@intersectpower.com
<https://www.linkedin.com/in/salma-abdelfattah/>

From: Becky Moores [becky.moores@intersectpower.com]
Sent: 4/5/2024 2:04:55 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Darden Clean Energy Project (23-OPT-02)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Ann - Thank you for the follow-up on this.

Best,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Wed, Apr 3, 2024 at 9:33 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Hi Becky,

Follow up from question during PM meeting 2/26. As we discussed, documents efiled needs to be in searchable text (a.k.a. OCR format) in order for it to be ADA compliant. If not searchable dockets will reject the efilings.

Under AB 434, CEC must certify accessibility compliance for its public websites every other year. All CEC documents (created by CEC staff or coming to CEC and labeled as CEC property) must be accessible before posting to the CEC public website.

The Docket system is considered a web application. Under AB 434, CEC is not required to certify the Docket system of its accessibility compliance every other year but CEC documents uploaded by CEC staff must still be accessible per accessibility requirements (such as Section 508). Many of them are also linked on the CEC public website.

Hope this helps!

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov



From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 4/5/2024 4:24:26 PM
To: Michael Stewart [mstewart@rinconconsultants.com]; errol.villegas@valleyair.org; Mungi Hong [Mungi.Hong@valleyair.org]; Patia Siong [Patia.Siong@valleyair.org]; Kyle.Melching@valleyair.org
CC: Lindsey Sarquilla [lsarquilla@rinconconsultants.com]; Evelyn Langsdale [elangsdale@rinconconsultants.com]; Becky Moores [becky.moore@intersectpower.com]; Hughes, Joseph@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7dd5e80572b644209e9607ba7bdc630-Hughes, Jos]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Ding, Yifan@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=49ee78637b0648578196965a7385b6f2-6d1c78d5-11]; Record, Jacquelyn@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=80a752975c1d44efbd17fb602595a1e7-Leyva, Jacq]; Qian, Wenjun@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4421be8df5f40ec851d73affcbff913-Qian, Wenju]
Subject: RE: Darden Clean Energy Project (23-OPT-02) SJVAPCD Preliminary Air Permit Application

Thanks very much Michael.

From: Michael Stewart <mstewart@rinconconsultants.com>
Sent: Friday, April 5, 2024 9:22 AM
To: errol.villegas@valleyair.org; Mungi Hong <Mungi.Hong@valleyair.org>; Patia Siong <Patia.Siong@valleyair.org>; Kyle.Melching@valleyair.org
Cc: Lindsey Sarquilla <lsarquilla@rinconconsultants.com>; Evelyn Langsdale <elangsdale@rinconconsultants.com>; Becky Moores <becky.moore@intersectpower.com>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Ding, Yifan@Energy <Yifan.Ding@Energy.ca.gov>; Record, Jacquelyn@Energy <Jacquelyn.Record@energy.ca.gov>; Qian, Wenjun@Energy <Wenjun.Qian@energy.ca.gov>
Subject: Darden Clean Energy Project (23-OPT-02) SJVAPCD Preliminary Air Permit Application

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning,

Rincon is pleased to provide the San Joaquin Valley Air Pollution Control District, on behalf of IP Darden I, LLC and Affiliates, the air permit application for the Darden Clean Energy Project. As previously discussed, the project is undergoing review by the California Energy Commission under the AB 205 Opt-in Application process and this permit application is being submitted as part of the process in coordination with CEC. Please review and, if appropriate, provide a concurrence determination to CEC stating that sufficient information has been provided to prepare an engineering evaluation in support of application completeness review during the CEQA process so that necessary conditions of approval can be included in CEC's certification.

Due to the file size, the permit application and associated calculations and modeling data can be accessed via Rincon's FTP site here: <https://rinconconsultants.files.com/f/cbcecdcc839829bd>

Please do not hesitate to reach out if you have any questions. We look forward to your review of this application package.

Thank you,

Michael Stewart, PE, Senior Air Quality Specialist
 805-644-4455 Main | 530-941-6480 Mobile | 805-505-1146 Direct
mstewart@rinconconsultants.com



RINCON CONSULTANTS, INC.
Environmental Scientists | Planners | Engineers

From: Salma Abdelfattah [salma.abdelfattah@intersectpower.com]
Sent: 4/9/2024 9:34:08 PM
To: Ramesh, Raja@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c23d8cc71aba4c7aa19158ea56e7611f-42da453c-ac]
CC: Park, Jane@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ce9e61096a13493398c5c2a029ddc741-82795f9d-13]; Holloway, Miina@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6a8e8091978346229a9215235527dbe9-Holloway, Y]; Huber, Elizabeth@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=93f40660c3d446578d63390926fd5e5a-Huber, Eliz]; Luke Dunnington [luke@intersectpower.com]
Subject: Re: AB 205 Opt-Ins: Darden and Perkins

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Raja,

Great to virtually meet you! I can send over an invite with a zoom link for 830a PT on 4/30

Best
Salma

On Tue, Apr 9, 2024 at 1:23 PM Ramesh, Raja@Energy <Raja.Ramesh@energy.ca.gov> wrote:
Hi Luke and Salma,

I recently joined the Vice Chair's office as a policy advisor. I'm an electrical engineer by training and previously worked on M&A and project development at Clearway.

Can you meet virtually for 30 mins during one of the following periods? I don't think we'll be able to meet in-person due to scheduling and travel constraints.

- Monday, 4/22: 1-1:30pm
- Tuesday, 4/30: 8-9am, noon-3:45pm

Best,
Raja

From: Park, Jane@Energy <Jane.Park@Energy.ca.gov>
Sent: Tuesday, April 9, 2024 12:01 PM
To: Salma Abdelfattah <salma.abdelfattah@intersectpower.com>; Holloway, Miina@Energy <Miina.Holloway@energy.ca.gov>
Cc: Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov>; Luke Dunnington <luke@intersectpower.com>; Ramesh, Raja@Energy <Raja.Ramesh@energy.ca.gov>
Subject: RE: AB 205 Opt-Ins: Darden and Perkins

Hi Luke and Salma,

My apologies for the delay getting back to you, thank you for your patience! The Vice Chair is unfortunately completely impacted for the rest of the month, but requests that our advisor and I continue the dialogue and help formulate next steps.

I've cc'd Raja Ramesh, who leads on transmission issues with me, to introduce himself and find a good time to meet next.

Thank you again for your patience,

Jane

Jane Park (she, her)

Chief of Staff

Office of Vice Chair Gunda

From: Salma Abdelfattah <salma.abdelfattah@intersectpower.com>
Sent: Tuesday, April 9, 2024 10:29 AM
To: Holloway, Miina@Energy <Miina.Holloway@energy.ca.gov>
Cc: Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov>; Park, Jane@Energy <Jane.Park@Energy.ca.gov>; Luke Dunnington <luke@intersectpower.com>
Subject: Re: AB 205 Opt-Ins: Darden and Perkins

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Miina,

Thank you for all your help!

Best,

Salma

On Tue, Apr 9, 2024 at 7:24 AM Holloway, Miina@Energy <Miina.Holloway@energy.ca.gov> wrote:

Hello all,

I'm happy to help with this.

Vice Chair's calendar in the coming weeks is quite impacted, but I will reach back out as quickly as I can with any options that we can make work.

We appreciate your patience while we consider the calendar.

All the best,

Miina

Miina Holloway (she/her/hers)
Administrative Assistant II
Commissioners
Vice Chair Siva Gunda
(916) 709-9873

California Energy Commission
Website: www.energy.ca.gov



From: Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov>
Sent: Monday, April 8, 2024 9:55 PM
To: Salma Abdelfattah <salma.abdelfattah@intersectpower.com>; Park, Jane@Energy <Jane.Park@Energy.ca.gov>; Holloway, Miina@Energy <Miina.Holloway@energy.ca.gov>
Cc: Luke Dunnington <luke@intersectpower.com>
Subject: RE: AB 205 Opt-Ins: Darden and Perkins

Hello – Please reach out to the Vice Chair’s executive assistant, Miina can assist, but please see Jane in all correspondence. Thanks, EH

Elizabeth Huber (she/her) | *Director*

email: Elizabeth.huber@energy.ca.gov

Work (916) 776-0609

California Energy Commission

Siting, Transmission and Environmental Protection Division

715 P St, Sacramento, CA 95814



**CALIFORNIA
ENERGY COMMISSION**

From: Salma Abdelfattah <salma.abdelfattah@intersectpower.com>
Sent: Monday, April 8, 2024 10:44 AM
To: Park, Jane@Energy <Jane.Park@Energy.ca.gov>
Cc: Luke Dunnington <luke@intersectpower.com>
Subject: Re: AB 205 Opt-Ins: Darden and Perkins

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Jane,

Hope all is well!

Can you help me find some time for Luke and Commissioner Gunda to connect in the coming weeks? Happy to align with whatever works best with Siva's schedule.

Best,

Salma

On Tue, Apr 2, 2024 at 4:49 PM Luke Dunnington <luke@intersectpower.com> wrote:

Jane -

I seem to still be blocked from sending to Commissioner Gunda (even when I do get the email correct). Following up on the end of our conversation last Friday morning, would the Vice Chair have availability towards the end of April?

Many thanks, Luke

.....
Luke Dunnington
President / Founder
INTERSECT POWER
(c) 510.421.1359

www.linkedin.com/in/lukedunnington1

On Tue, Apr 2, 2024 at 4:33 PM Luke Dunnington <luke@intersectpower.com> wrote:

Commissioner Gunda -

My team has been working closely with Elizabeth Huber's team on two of the early projects going through the **AB 205 Opt-in** process: **Darden**, bringing **1.6 GWp PV + 2.3 GWh BESS + 1 GW H2 to western Fresno County**, and **Perkins** bringing **1.6 GWp PV + 2.3 GWh BESS to eastern Imperial County**. On both of these Cluster 14 projects we are self-building 500KV Breaker and a Half Switching Stations to connect to their respective 500KV lines.

We as a team have built about 20% of the PV operating on the CAISO grid, we own/operate 1GWp of PV and 1.5GWh of BESS in CAISO, and our business plan has us heavily investing in California to develop and build our Cluster 15 projects. As our Darden project approaches Deemed Complete this month, I was hoping to connect with you directly to (i) introduce myself and the competitive differentiation of Intersect Power, (ii) share a high level framing of Darden and Perkins, and (iii) to share our perspective on industry trends.

Is there a good time later in the month to have lunch, meet for coffee, or meet at your offices? I'm happy to travel to wherever is most convenient for you.

I've copied Salma to help find a date and time that aligns for you.

Many thanks, Luke

.....
Luke Dunnington
 President / Founder
 INTERSECT POWER
 (c) 510.421.1359

www.linkedin.com/in/lukedunnington1

--

Salma Abdelfattah

Executive Assistant to the President
 INTERSECT POWER
 (c) 407.797.6060
 (e) salma.abdelfattah@intersectpower.com
<https://www.linkedin.com/in/salma-abdelfattah/>

--

Salma Abdelfattah

Executive Assistant to the President

INTERSECT POWER

(c) 407.797.6060

(e) salma.abdelfattah@intersectpower.com

<https://www.linkedin.com/in/salma-abdelfattah/>

--

Salma Abdelfattah

Executive Assistant to the President

INTERSECT POWER

(c) 407.797.6060

(e) salma.abdelfattah@intersectpower.com

<https://www.linkedin.com/in/salma-abdelfattah/>

From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 4/5/2024 1:45:13 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Fw: 23-OPT-02 - Darden - Burrowing Owl

OK - will check with BIO team and see how they would like to proceed with CDFW coordination. Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Friday, April 5, 2024 6:39 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: Fw: 23-OPT-02 - Darden - Burrowing Owl

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

My supervisor, Marisa Mitchell, has been speaking with CDFW about the topic for all of our California projects and has already asked for some times from Julie Vance and Carrie Swanberg. So I can either pass along your availability or feel free to reach out directly to their coordinator at Veronica.Guzman@wildlife.ca.gov. Let me know what works best.

Thanks,

Becky Moores
INTERSECT POWER
(c) becky.moores@intersectpower.com

On Fri, Apr 5, 2024 at 7:30 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Good morning Becky,

We would be happy to meet to discuss this topic. I will check with the BIO team and CDFW and get some times that work for us.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Friday, April 5, 2024 6:22 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: 23-OPT-02 - Darden - Burrowing Owl

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Ann and Lisa,

With the burrowing owl potentially becoming a candidate species later this year under the California Fish and Game Code we would like to meet with you and CDFW to discuss the best way to address the topic for Darden. Can you provide times for your team for the week of April 15 for a meeting?

We are working on document production for the biology data responses and it looks like delivery of that large set will slip into next week. But your team will have that information to review prior to the meeting, which includes information on BUOW management.

Thank you,

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(e) becky.moores@intersectpower.com

From: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Sent: 4/11/2024 4:45:13 PM
To: Fooks, Brett@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=870df74143964b71ada0039bf13c5a9a-Fooks, Bret]; Paul Miller [pmiller@therchgroup.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; Ziff, Briana@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9d1539e61a02423dad0bea24f0056535-0e930594-04]; rfreeman@wwd.ca.gov; Becky Moores [becky.moores@intersectpower.com]
CC: Pinkerton, Matthew@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=88b6ef1fba134a2cb0aacd56262dc6c4-Pinkerton,]; Harrell, Amara [aharrell@kmtg.com]; Megan Svedman [megan.svedman@intersectpower.com]
Subject: Darden Clean Energy Project (23-OPT-02) DR HAZ-1 meeting
Location: Microsoft Teams Meeting
Start: 4/12/2024 9:00:00 PM
End: 4/12/2024 10:00:00 PM
Show Time As: Tentative

Required Attendees: Fooks, Brett@Energy; Paul Miller; Knight, Eric@Energy; Crisp, Ann@Energy; Babula, Jared@Energy; Mayer, Alex@Energy; Ziff, Briana@Energy; rfreeman@wwd.ca.gov; Becky Moores
Optional Attendees: Pinkerton, Matthew@Energy; Harrell, Amara; Megan Svedman

Please hold this period for the meeting for Darden re DR HAZ-1.

Once we get final confirmation on Westlands availability during this window, I will follow with an updated invite with the actual meeting time.

Thanks.

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 240 046 286 322

Passcode: Ej5Co9

Dial-in by phone

+1 916-306-7589,,698117950# United States, Sacramento

[Find a local number](#)

Phone conference ID: 698 117 950#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 4/12/2024 9:13:18 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Fw: 23-OPT-02 - Darden - Burrowing Owl

Hi Becky,

We can make the 30th work. I have put a hold on the meeting date for CEC. Please proceed with booking the meeting.

Can you provide an agenda and or specific questions you hope to address prior to the meeting.

Thank you,

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Friday, April 12, 2024 11:52 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: Re: Fw: 23-OPT-02 - Darden - Burrowing Owl

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

They were also coordinating with Krista Tomlinson from CDFW to attend.
Krista.Tomlinson@wildlife.ca.gov

Becky Moores
INTERSECT POWER
(c) becky.moores@intersectpower.com

On Fri, Apr 12, 2024 at 12:34 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Hi Becky,

Do you know if it will just be Julie Vance, Jim Vang, and Carrie Swanberg from CDFW?

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, April 11, 2024 5:50 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: Re: Fw: 23-OPT-02 - Darden - Burrowing Owl

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

I'm not having luck with CDFW on the times you proposed. Any chance your team is available at the times below? If not, it may be best for you to coordinate directly with veronica.guzman@wildlife.ca.gov as she has the schedules for those who need to attend the meeting, and then I can confirm availability for Intersect. But we will do our best to accommodate whatever times the agencies can find.

Friday, 4/26 – 10:00-11:00am

Tuesday, 4/30 – 4:00-5:00pm

Becky Moores

INTERSECT POWER

(e) becky.moores@intersectpower.com

On Fri, Apr 5, 2024 at 2:08 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

Here are staff's available dates and times. Some staff start work early so after 230 is an option but the earlier options are preferred. We would like to include CEC legal and Jim Vang (CDFW), these times appear to be available in his calendar.

Weds 4/17: 8-11 AM, 1-2 PM,

Thurs 4/18: 8-1030 AM

Friday 4/19: 1-4PM

Hopefully, there is a time that works for you. If not please let me know and we can coordinate further.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>

Sent: Friday, April 5, 2024 6:39 AM

To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>

Cc: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Subject: Re: Fw: 23-OPT-02 - Darden - Burrowing Owl

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My supervisor, Marisa Mitchell, has been speaking with CDFW about the topic for all of our California projects and has already asked for some times from Julie Vance and Carrie Swanberg. So I can either pass along your availability or feel free to reach out directly to their coordinator at Veronica.Guzman@wildlife.ca.gov. Let me know what works best.

Thanks,

Becky Moores

INTERSECT POWER

(e) becky.moores@intersectpower.com

On Fri, Apr 5, 2024 at 7:30 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Good morning Becky,

We would be happy to meet to discuss this topic. I will check with the BIO team and CDFW and get some times that work for us.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>

Sent: Friday, April 5, 2024 6:22 AM

To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Subject: 23-OPT-02 - Darden - Burrowing Owl

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Ann and Lisa,

With the burrowing owl potentially becoming a candidate species later this year under the California Fish and Game Code we would like to meet with you and CDFW to discuss the best way to address the topic for Darden. Can you provide times for your team for the week of April 15 for a meeting?

We are working on document production for the biology data responses and it looks like delivery of that large set will slip into next week. But your team will have that information to review prior to the meeting, which includes information on BUOW management.

Thank you,

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(e) becky.moores@intersectpower.com

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 4/12/2024 2:17:55 PM
To: Becky Moores [becky.moores@intersectpower.com]
Subject: Re: Fw: 23-OPT-02 - Darden - Burrowing Owl

Hi Becky,

Let me check and get back to you. Friday, 4/26 – 10:00-11:00am seems best based on calendars.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, April 11, 2024 5:50 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: Re: Fw: 23-OPT-02 - Darden - Burrowing Owl

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Hi Ann,

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Friday, 4/26 – 10:00-11:00am
Tuesday, 4/30 – 4:00-5:00pm

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Fri, Apr 5, 2024 at 2:08 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Hi Becky,

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Thurs 4/18: 8-1030 AM
Friday 4/19: 1-4PM

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Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Friday, April 5, 2024 6:39 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: Fw: 23-OPT-02 - Darden - Burrowing Owl

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Thanks,

Becky Moores
INTERSECT POWER
(c) becky.moores@intersectpower.com

On Fri, Apr 5, 2024 at 7:30 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Good morning Becky,

We would be happy to meet to discuss this topic. I will check with the BIO team and CDFW and get some times that work for us.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Friday, April 5, 2024 6:22 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: 23-OPT-02 - Darden - Burrowing Owl

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Ann and Lisa,

With the burrowing owl potentially becoming a candidate species later this year under the California Fish and Game Code we would like to meet with you and CDFW to discuss the best way to address the topic for Darden. Can you provide times for your team for the week of April 15 for a meeting?

We are working on document production for the biology data responses and it looks like delivery of that large set will slip into next week. But your team will have that information to review prior to the meeting, which includes information on BUOW management.

Thank you,

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(e) becky.moores@intersectpower.com

From: Guzman, Veronica@Wildlife [Veronica.Guzman@Wildlife.ca.gov]
Sent: 4/12/2024 8:23:42 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: RE: Darden Clean Energy Project (23-OPT-02) - BUOW meeting

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Ok great. Yes, please let Becky know and once I get her response I'll send out the invite.

Veronica Guzman

CALIFORNIA DEPARTMENT OF
FISH and WILDLIFE 

Staff Services Analyst
 Assistant to Julie Vance, Regional Manager
 Central Region 4
 1234 E Shaw Avenue
 Fresno, CA 93710
 Work Cell: 559-939-1168
Veronica.Guzman@Wildlife.ca.gov

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Friday, April 12, 2024 1:06 PM
To: Guzman, Veronica@Wildlife <Veronica.Guzman@Wildlife.ca.gov>
Cc: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - BUOW meeting

You don't often get email from ann.crisp@energy.ca.gov. [Learn why this is important](#)

WARNING: This message is from an external source. Verify the sender and exercise caution when clicking links or opening attachments.

Hi Veronica - we can make the 30th work. Do you want me to let Becky know?

Thanks!

Ann

From: Guzman, Veronica@Wildlife <Veronica.Guzman@Wildlife.ca.gov>
Sent: Friday, April 12, 2024 12:31 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) - BUOW meeting

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

I sent Becky and Marisa the following dates that the CDFW team are available; unfortunately, that's the soonest their calendars line up. I placed holds on those dates so hopefully one option will work for the CEC and Intersect teams.

- Friday, 4/26 – 10:00-11:00am
- Tuesday, 4/30 – 4:00-5:00pm

Let me know if you want me to send out the calendar invitation. Will Microsoft Teams be ok?

Veronica Guzman

CALIFORNIA DEPARTMENT OF
FISH and WILDLIFE 

Staff Services Analyst
Assistant to Julie Vance, Regional Manager
Central Region 4
1234 E Shaw Avenue
Fresno, CA 93710
Work Cell: 559-939-1168
Veronica.Guzman@Wildlife.ca.gov

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Friday, April 12, 2024 7:40 AM
To: Guzman, Veronica@Wildlife <Veronica.Guzman@Wildlife.ca.gov>
Cc: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Darden Clean Energy Project (23-OPT-02) - BUOW meeting

You don't often get email from ann.crisp@energy.ca.gov. [Learn why this is important](#)

WARNING: This message is from an external source. Verify the sender and exercise caution when clicking links or opening attachments.

Hi Veronica,

I am reaching out to assist with scheduling the BUOW meeting requested by Intersect. I have access to CEC and CDFW calendars in Teams so I can help find times to propose to Becky?

Just want to confirm who I should include? Jim Vang and Carrie Swanberg have been coordinating with CEC bio staff so staff requested they attend. Julie Vance was also requested to attend by Intersect. Are there any other staff at CDFW I should include? Our legal team will likely attend but for situational awareness.

Thanks!

Ann

Ann Crisp

Senior Environmental Planner

Siting and Environmental Branch

Siting, Transmission and Environmental Protection Division

1-916-352-0543

California Energy Commission

Website: www.energy.ca.gov



From: Wilson, Michelle [Michelle.Wilson@cpuc.ca.gov]
Sent: 4/15/2024 4:28:15 PM
To: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Pratt, Trevor [Trevor.Pratt@cpuc.ca.gov]
CC: Henriquez, Roxanne [Roxanne.Henriquez@cpuc.ca.gov]
Subject: RE: [EXTERNAL] Scheduling request: CEC/CPUC/PG&E/IP Call - Alignment on CEQA / GO 131d

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Hi Lisa – Roxanne can drop off the invite, and I can make whatever time you and Trevor decide (if 3-4 pm on 4/17 works for your Trevor?)

Michelle Wilson (she/her)
Program and Project Supervisor
CEQA and Energy Permitting Group, CEQA and FERC Branch
 Energy Division, California Public Utilities Commission
 505 Van Ness Ave
 San Francisco, CA 94102
 (415) 696-7371
Michelle.Wilson@cpuc.ca.gov

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Monday, April 15, 2024 9:26 AM
To: Pratt, Trevor <Trevor.Pratt@cpuc.ca.gov>
Cc: Henriquez, Roxanne <Roxanne.Henriquez@cpuc.ca.gov>; Wilson, Michelle <Michelle.Wilson@cpuc.ca.gov>
Subject: RE: [EXTERNAL] Scheduling request: CEC/CPUC/PG&E/IP Call - Alignment on CEQA / GO 131d

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Trevor,

This is about Darden Clean Energy Project (23-OPT-02).

From: Pratt, Trevor <Trevor.Pratt@cpuc.ca.gov>
Sent: Monday, April 15, 2024 9:00 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Cc: Henriquez, Roxanne <Roxanne.Henriquez@cpuc.ca.gov>; Wilson, Michelle <Michelle.Wilson@cpuc.ca.gov>
Subject: RE: [EXTERNAL] Scheduling request: CEC/CPUC/PG&E/IP Call - Alignment on CEQA / GO 131d

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Hi Lisa,

Is this about Darden Clean energy, or another project (since the email and subject line were rather vague)?

Thanks,

-Trevor

Trevor Pratt
Senior CEQA Project Manager
California Public Utilities Commission

300 Capital Mall
Sacramento, CA 95814
(916) 894-5734

From: Salma Abdelfattah <salma.abdelfattah@intersectpower.com>
Sent: Thursday, April 11, 2024 2:00 PM
To: Pratt, Trevor <Trevor.Pratt@cpuc.ca.gov>; HenriquezRoxanne.Henriquez@cpuc.ca.gov
Cc: lisa.worrall@energy.ca.gov
Subject: [EXTERNAL] Scheduling request: CEC/CPUC/PG&E/IP Call - Alignment on CEQA / GO 131d

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Trevor, Roxanne,

I hope this email finds you well.

I am working on scheduling a meeting with teams from CPUC, CEC, PG&E and intersecting power on the topic above.

It looks like everyone can meet at 3-4p PT next wednesday 4/17. Does that time work for you? If so , I can send over the calendar invite now.

Best,
Salma

--

Salma Abdelfattah
Executive Assistant to the President
INTERSECT POWER
(c) 407.797.6060
(e) salma.abdelfattah@intersectpower.com
<https://www.linkedin.com/in/salma-abdelfattah/>

From: Huber, Elizabeth@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=93f40660c3d446578d63390926fd5e5a-Huber, Eliz]
Sent: 4/24/2024 7:22:46 PM
To: Luke Dunnington [luke@intersectpower.com]
CC: Salma Abdelfattah [salma.abdelfattah@intersectpower.com]
Subject: Re: Comm. McAllister - AB 205 Opt-Ins: Darden and Perkins

Hi Luke - His office did reach out to me and I recently replied that they should set a meeting. You will hear from them. EH

Get [Outlook for iOS](#)

From: Luke Dunnington <luke@intersectpower.com>
Sent: Wednesday, April 24, 2024 12:16:29 PM
To: Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov>
Cc: Salma Abdelfattah <salma.abdelfattah@intersectpower.com>
Subject: Re: Comm. McAllister - AB 205 Opt-Ins: Darden and Perkins

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Elizabeth -

We haven't heard back from Commissioner McAllister's team yet. Is there an EA or Chief of Staff we might better direct our outreach towards? I presume this is still a good moment in the process for me to engage directly?

Many thanks, Luke

.....
Luke Dunnington
 President / Founder
 INTERSECT POWER
 (c) 510.421.1359
www.linkedin.com/in/lukedunnington1

On Tue, Apr 2, 2024 at 4:54 PM Luke Dunnington <luke@intersectpower.com> wrote:
 Commissioner McAllister-

My team has been working closely with Elizabeth Huber's team on two of the early projects going through the **AB 205 Opt-in** process: **Darden**, bringing **1.6 GWp PV + 2.3 GWh BESS + 1 GW H2 to western Fresno County**, and **Perkins** bringing **1.6 GWp PV + 2.3 GWh BESS to eastern Imperial County**. On both of these Cluster 14 projects we are self-building 500KV Breaker and a Half Switching Stations to connect to their respective 500KV lines.

We as a team have built about 20% of the PV operating on the CAISO grid, we own/operate 1GWp of PV and 1.5GWh of BESS in CAISO, and our business plan has us heavily investing in California to develop and build our Cluster 15 projects. As our Darden project approaches Deemed Complete this month, I was hoping to

connect with you directly to (i) introduce myself and the competitive differentiation of Intersect Power, (ii) share a high level framing of Darden and Perkins, and (iii) to share our perspective on industry trends.

Is there a good time later in the month to have lunch, meet for coffee, or meet at your offices? I'm happy to travel to wherever is most convenient for you.

I've copied Salma to help find a date and time that aligns for you.

Many thanks, Luke

.....

Luke Dunnington

President / Founder

INTERSECT POWER

(c) 510.421.1359

www.linkedin.com/in/lukedunnington1

From: Luke Dunnington [luke@intersectpower.com]
Sent: 4/24/2024 5:13:05 PM
To: Ramesh, Raja@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c23d8cc71aba4c7aa19158ea56e7611f-42da453c-ac]; Park, Jane@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ce9e61096a13493398c5c2a029ddc741-82795f9d-13]; Holloway, Miina@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6a8e8091978346229a9215235527dbe9-Holloway, Y]
CC: Salma Abdelfattah [salma.abdelfattah@intersectpower.com]; Huber, Elizabeth@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=93f40660c3d446578d63390926fd5e5a-Huber, Eliz]
Subject: Re: AB 205 Opt-Ins: Darden and Perkins

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Jane, Raja, and Miina,
 Understanding that the Vice Chair's calendar is booked out quite a bit, can we find a time that works for him in May or June? The goal here is to meet him, introduce my company, and provide a very high level overview of our two PV+BESS+H2 projects, Darden and Perkins, moving through AB 205 Opt-in, as well as a sense of the volume of additional projects we're developing in California. There isn't a policy agenda, per se, to the engagement.

Looks like I have 30 min with just Raja next Tuesday as a preview on content?

Thanks again, Luke

.....
Luke Dunnington
 President / Founder
 INTERSECT POWER
 (c) 510.421.1359
www.linkedin.com/in/lukedunnington1

On Tue, Apr 9, 2024 at 1:23 PM Ramesh, Raja@Energy <Raja.Ramesh@energy.ca.gov> wrote:
 Hi Luke and Salma,

I recently joined the Vice Chair's office as a policy advisor. I'm an electrical engineer by training and previously worked on M&A and project development at Clearway.

Can you meet virtually for 30 mins during one of the following periods? I don't think we'll be able to meet in-person due to scheduling and travel constraints.

- Monday, 4/22: 1-1:30pm
- Tuesday, 4/30: 8-9am, noon-3:45pm

Best,
 Raja

From: Park, Jane@Energy <Jane.Park@Energy.ca.gov>
Sent: Tuesday, April 9, 2024 12:01 PM
To: Salma Abdelfattah <salma.abdelfattah@intersectpower.com>; Holloway, Miina@Energy <Miina.Holloway@energy.ca.gov>
Cc: Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov>; Luke Dunnington <luke@intersectpower.com>; Ramesh, Raja@Energy <Raja.Ramesh@energy.ca.gov>
Subject: RE: AB 205 Opt-Ins: Darden and Perkins

Hi Luke and Salma,

My apologies for the delay getting back to you, thank you for your patience! The Vice Chair is unfortunately completely impacted for the rest of the month, but requests that our advisor and I continue the dialogue and help formulate next steps.

I've cc'd Raja Ramesh, who leads on transmission issues with me, to introduce himself and find a good time to meet next.

Thank you again for your patience,

Jane

Jane Park (she, her)

Chief of Staff

Office of Vice Chair Gunda

From: Salma Abdelfattah <salma.abdelfattah@intersectpower.com>
Sent: Tuesday, April 9, 2024 10:29 AM
To: Holloway, Miina@Energy <Miina.Holloway@energy.ca.gov>
Cc: Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov>; Park, Jane@Energy <Jane.Park@Energy.ca.gov>; Luke Dunnington <luke@intersectpower.com>
Subject: Re: AB 205 Opt-Ins: Darden and Perkins

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--

Hi Miina,

Thank you for all your help!

Best,

Salma

On Tue, Apr 9, 2024 at 7:24 AM Holloway, Miina@Energy <Miina.Holloway@energy.ca.gov> wrote:

Hello all,

I'm happy to help with this.

Vice Chair's calendar in the coming weeks is quite impacted, but I will reach back out as quickly as I can with any options that we can make work.

We appreciate your patience while we consider the calendar.

All the best,

Miina

Miina Holloway (she/her/hers)
Administrative Assistant II
Commissioners
Vice Chair Siva Gunda
(916) 709-9873

California Energy Commission
Website: www.energy.ca.gov



From: Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov>
Sent: Monday, April 8, 2024 9:55 PM
To: Salma Abdelfattah <salma.abdelfattah@intersectpower.com>; Park, Jane@Energy <Jane.Park@Energy.ca.gov>; Holloway, Miina@Energy <Miina.Holloway@energy.ca.gov>
Cc: Luke Dunnington <luke@intersectpower.com>
Subject: RE: AB 205 Opt-Ins: Darden and Perkins

Hello – Please reach out to the Vice Chair’s executive assistant, Miina can assist, but please see Jane in all correspondence. Thanks, EH

Elizabeth Huber (she/her) | *Director*

email: Elizabeth.huber@energy.ca.gov

Work (916) 776-0609

California Energy Commission

Siting, Transmission and Environmental Protection Division

715 P St, Sacramento, CA 95814



**CALIFORNIA
ENERGY COMMISSION**

From: Salma Abdelfattah <salma.abdelfattah@intersectpower.com>
Sent: Monday, April 8, 2024 10:44 AM
To: Park, Jane@Energy <Jane.Park@Energy.ca.gov>
Cc: Luke Dunnington <luke@intersectpower.com>
Subject: Re: AB 205 Opt-Ins: Darden and Perkins

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Jane,

Hope all is well!

Can you help me find some time for Luke and Commissioner Gunda to connect in the coming weeks? Happy to align with whatever works best with Siva's schedule.

Best,

Salma

On Tue, Apr 2, 2024 at 4:49 PM Luke Dunnington <luke@intersectpower.com> wrote:

Jane -

I seem to still be blocked from sending to Commissioner Gunda (even when I do get the email correct). Following up on the end of our conversation last Friday morning, would the Vice Chair have availability towards the end of April?

Many thanks, Luke

.....
Luke Dunnington
President / Founder
INTERSECT POWER
(c) 510.421.1359

www.linkedin.com/in/lukedunnington1

On Tue, Apr 2, 2024 at 4:33 PM Luke Dunnington <luke@intersectpower.com> wrote:

Commissioner Gunda -

My team has been working closely with Elizabeth Huber's team on two of the early projects going through the **AB 205 Opt-in** process: **Darden**, bringing **1.6 GWp PV + 2.3 GWh BESS + 1 GW H2 to western Fresno County**, and **Perkins** bringing **1.6 GWp PV + 2.3 GWh BESS to eastern Imperial County**. On both of these Cluster 14 projects we are self-building 500KV Breaker and a Half Switching Stations to connect to their respective 500KV lines.

We as a team have built about 20% of the PV operating on the CAISO grid, we own/operate 1GWp of PV and 1.5GWh of BESS in CAISO, and our business plan has us heavily investing in California to develop and build our Cluster 15 projects. As our Darden project approaches Deemed Complete this month, I was hoping to connect with you directly to (i) introduce myself and the competitive differentiation of Intersect Power, (ii) share a high level framing of Darden and Perkins, and (iii) to share our perspective on industry trends.

Is there a good time later in the month to have lunch, meet for coffee, or meet at your offices? I'm happy to travel to wherever is most convenient for you.

I've copied Salma to help find a date and time that aligns for you.

Many thanks, Luke

.....
Luke Dunnington
President / Founder
INTERSECT POWER
(c) 510.421.1359

www.linkedin.com/in/lukedunnington1

--

Salma Abdelfattah

Executive Assistant to the President

INTERSECT POWER

(c) 407.797.6060

(e) salma.abdelfattah@intersectpower.com

<https://www.linkedin.com/in/salma-abdelfattah/>

--

Salma Abdelfattah

Executive Assistant to the President

INTERSECT POWER

(c) 407.797.6060

(e) salma.abdelfattah@intersectpower.com

<https://www.linkedin.com/in/salma-abdelfattah/>

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 4/26/2024 6:21:15 PM
To: Becky Moores [becky.moores@intersectpower.com]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: 23-OPT-02 Darden BUOW Meeting

Hi Becky - we will share this internally and with CDFW. Thanks! Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Friday, April 26, 2024 10:27 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: 23-OPT-02 Darden BUOW Meeting

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Ann and Lisa,

For our meeting with CDFW next Tuesday, we would like to discuss the permitting path for incorporating the burrowing owl into the Darden project's ITP in the event the owl is listed as a CESA candidate species later this year. As a part of our BIO data request responses, we are preparing a BUOW management plan with the intention that the plan and the proposed avoidance, minimization, and mitigation measures are suitable for CEQA analysis so we can amend our ITP application at a later date to include the owl. I would like to verify this approach works for both parties in accordance with your MOU and standard practices.

Do you prefer to send this out to CDFW and the other meeting attendees?

Thank you,

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(e) becky.moores@intersectpower.com

From: Energy - ConfidentialityApplication [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=19A1DCD64C75492BB26F16BE163474E8-ENERGY - CO]
Sent: 5/6/2024 10:10:13 PM
To: simon.ross@intersectpower.com; becky.moores@intersectpower.com
CC: Ziff, Briana@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9d1539e61a02423dad0bea24f0056535-0e930594-04]; Camberos, Blanca@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9a468cc1041442469599fcd37b1744b6-9d3be3a1-fb]
Subject: CEC's response letter to Darden's confidentiality application
Attachments: 5-6-2024 CEC Response Letter to Darden 03.26.24 Application DR Socio 7.pdf

Good afternoon Simon Ross and Becky Moores:

Please find attached the CEC's response letter to Darden's confidentiality application, filed with the CEC on March 26, 2024.

If you have questions, please email confidentialityapplication@energy.ca.gov.

Thank you.

Ngoc Tran
Chief Counsel's Office
California Energy Commission



CALIFORNIA ENERGY COMMISSION



May 6, 2024

Via Email

Simon Ross
Becky Moores
IP Darden I, LLC
c/o Intersect Power, LLC
9450 South West Gemini Drive, PMB #68743
Beaverton, Oregon 97008-7105
simon.ross@intersectpower.com
becky.moores@intersectpower.com

Application for Confidential Designation: Darden Clean Energy Project Docket No. 23-OPT-02

Dear Simon Ross and Becky Moores:

On March 26, 2024, the California Energy Commission (CEC) received the IP Darden I, LLC and Affiliates c/o Intersect Power, LLC's (applicant) application for confidentiality (TN 255283) for the following document in its entirety:

- DR SOCIO-7 Data Request Response (DR Response)

The DR Response, dated January 2024, submitted in response to the CEC's December 11, 2023 "Determination of Incomplete Application and Request for Information for the Darden Clean Energy Project" (TN 253578). The DR Response is an estimated dollar amount of the property taxes generated during an operational year of the project.

The applicant requests that the dollar amounts of the average costs per year in property tax that the project is expected to generate over a typical operating year be redacted and designated as confidential.

Discussion

The applicant states the DR Response should be kept confidential indefinitely to ensure that the applicant is not in violation of any of its non-disclosure agreements (NDAs) with its commercial partners. Additionally, the applicant requests indefinite confidentiality to ensure that the applicant's estimated capital and operational cost estimates, pricing information, and forecasted economic standing remains secure from market participants who could otherwise make competitive use of the information to the detriment of applicant and applicant's current or future negotiations with contractors, financiers, off-takers, and other industry partners.

A properly filed application for confidentiality shall be granted under California Code of Regulations, title 20, section 2505(a)(3)(A), "if the applicant makes a reasonable claim that the Public Records Act or other provision of law authorizes the [California Energy] Commission to keep the record confidential."

Simon Ross
 Becky Moores
 May 6, 2024
 Page 2

The applicant argues that it has established a reasonable claim under the California Public Records Act that the DR Response contains trade secrets and public disclosure would harm applicant under Cal. Code Regs., title 20 section 2505(a)(1)(D).

A trade secret may include, but is not limited to, any process, compound, production data, or compilation of data that meet the following requirements: “(1) it is not patented, (2) it is known to only certain individuals within a commercial concern who are using it to fabricate, produce, or compound an article of trade or a service having commercial value, and (3) it gives its user an opportunity to obtain a business advantage over competitors who do not know or use it.” (Gov. Code, § 7924.510(f)).

The California Public Records Act allows for the non-disclosure of trade secrets including, among others, those records exempt from disclosure under the Uniform Trade Secrets Act. (Gov. Code, §§ 7927.705(k), 7930.005, 7930.205; Civ. Code, § 3426.1; Evid. Code, § 1060.)

Civil Code section 3426.1(d) defines “trade secret” as:

[I]nformation, including a formula, pattern, compilation, program, device, method, technique, or process, that: (1) Derives independent economic value, actual or potential, from not being generally known to the public or to other persons who can obtain economic value from its disclosure or use; and (2) Is the subject of efforts that are reasonable under the circumstances to maintain its secrecy.

(Civ. Code, § 3426.1(d); See also Gov. Code, §§ 7927.705, 7930.005, 7930.205; Evid. Code, § 1061(a); *Uribe v. Howie* (1971) 19 Cal.App.3d 194, 207.)

California Code of Regulations, title 20, section 2505(a)(1)(D), states that if an applicant for confidential designation believes that the record should not be disclosed because it contains trade secrets, the application shall state: (1) the specific nature of the advantage, (2) how the advantage would be lost, (3) the value of the information to the applicant, and (4) the ease or difficulty with which the information could be legitimately acquired or duplicated by others.

The application addresses the four elements in California Code of Regulations, title 20, section 2505(a)(1)(D) by stating:

- 1) *The specific nature of the advantage* – The information set forth in the DR Response contains commercially sensitive data and trade secrets.
- 2) *How the advantage would be lost* – Disclosure of any of the cost information, or derivatives of the cost information, would enable counterparties to reverse-engineer expected returns, capital cost components, or other key details of the project that would lessen the applicant’s negotiating power. Competitors could also leverage this information to secure more favorable agreements for themselves by leveraging the results that the applicant has achieved, further harming the applicant’s competitive advantage.
- 3) *The value of the information to the applicant* – Public disclosure of the information in the DR Response could harm the applicant’s existing and future commercial opportunities.

Simon Ross
Becky Moores
May 6, 2024
Page 3

- 4) *The ease or difficulty with which the information could be legitimately acquired or duplicated by others* – The information contained in the DR Response could not be legitimately acquired or duplicated by others. The applicant's estimates for property taxes include capital and operational cost figures that have been carefully assembled, leveraging a myriad of internal resources, including commercial partnerships, existing agreements, proprietary in-house knowledge, and other prior project experience. The information in the DR Response has not been publicly disclosed to anyone other than employees, attorneys, or consultants working with the applicant, and only once such parties have executed NDAs.

The DR Response contains a broad estimate of the expected property taxes generated from a typical operating year of the project. Property taxes are publicly accessible information. The applicant's estimate, which has a seven-million-dollar range, does not meet the definition of a trade secret, as the information can be legitimately acquired by others. Further, given the wide range of the estimate, revealing this information would not reasonably enable counterparties to reverse-engineer costs to the applicant's detriment.

Executive Director's Determination

The applicant has not made a reasonable claim that the estimated data provided in the DR Response report contains trade secrets that would result in loss of competitive advantage. Therefore, confidentiality is denied. Within 14 days of the date of this letter, please file DR SOCIO-7 Data Request Response in docket No. 23-OPT-02 to ensure public access.

You may request that the CEC determine the confidentiality of records for which the executive director denied confidential designation. You have 14 days to request that the CEC determine the confidentiality of the record. If you make such a request, the CEC will conduct a proceeding pursuant to the provisions in the California Code of Regulations, title 20, section 2508.

If you have questions, please email confidentialityapplication@energy.ca.gov.

Sincerely,



Drew Bohan
Executive Director



San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT



May 7, 2024

Lindsey Sarquilla
IP Darden I, LLC and Affiliates
9450 SW Gemini Drive, PMB #68743
Beaverton, OR 97008

Re: Notice of Receipt of Complete Application
Facility Number: C-10306
Project Number: C-1242025

Dear Ms. Sarquilla:

The San Joaquin Valley Air Pollution Control District (District) has received your Authority to Construct (ATC) application for the installation of two 262 LPG/propane-fired and two 805 bhp diesel-fired emergency standby internal combustion (IC) engines, each powering an electrical enerator; and two 600 bhp diesel-fired emergency IC engines, each powering a fire suppression system, located at Western Fresno County, CA. Based on our preliminary review, the application appears to be complete. This means that your application contains sufficient information to proceed with our analysis. However, during processing of your application, the District may request additional information to clarify, correct, or otherwise supplement, the information on file.

Your project triggers public notice and must therefore be public noticed for a 30-day period at the conclusion of our analysis, prior to the issuance of the final Authority to Construct.

We will begin processing your application as soon as possible. In general, complete applications are processed on a first-come first-served basis.

It is estimated that the project analysis process will take 40.5 hours, and you will be charged at the weighted hourly labor rate in accordance with District Rule 3010. This estimate includes the following major processing steps: Determining Completeness (11.5 hours), Engineering Evaluation (14 hours), BACT Analysis (5 hours), Health Risk Assessment (6 hours), CEQA Analysis (0 hours) and Permit Preparation (4 hours). The current weighted labor rate is \$113.00 per hour, but please note that this fee is revised annually to reflect actual costs and therefore may change. No payment is due at this time; an invoice will be sent to you upon completion of this project.

Samir Sheikh
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: (661) 392-5500 FAX: (661) 392-5585

Ms. Sarquilla
Page 2

Please note that for projects subject to emission offsetting requirements, the following provisions apply:

- Pursuant to District Rule 2201, Section 8.0, the use of pre-baseline ERCs is prohibited if the usage of such credits during the effective period of a particular EPA-approved plan exceeds the respective pollutant's Pre-Baseline ERC Usage Cap identified in that plan. Pre-baseline ERCs are those that were banked prior to the baseline year for a given EPA-approved Attainment Plan. Please note that this prohibition applies to ATC projects issued after the Pre-Baseline ERC Usage Cap is exceeded.
- Pursuant to District Rule 2201 Section 4.8, all ATCs issued for new major sources or federal major modifications triggering federal emission offsets for NOx or VOC are required to provide ERCs that are surplus at time of ATC issuance for the federal offset quantity.

Please also be aware that according to District Rule 2201, Section 5.3, *Final Action*, the District will not be able to issue the final ATC permit(s) until the requirements of the California Environmental Quality Act (CEQA) have been fully satisfied by the Lead Agency.

Please note that this letter is not a permit and does not authorize you to proceed with your project. Final approval, if appropriate, will be in the form of an ATC permit after application processing is complete.

If you have any questions, please contact me at (209) 557-6400.

Sincerely,



Nick Peirce
Permit Services Manager

cc: Michael Stewart, Rincon Consultants, Inc.

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 5/14/2024 3:43:19 PM
To: Becky Moores [becky.moores@intersectpower.com]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]
Subject: Re: Today's Darden Meeting

Good morning Becky - thanks for the update. Will be in touch with any updates when available.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Tuesday, May 14, 2024 7:37 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Subject: Today's Darden Meeting

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann and Lisa,

We are traveling today and will not be able to attend our regularly scheduled meeting. A few updates below.

- I will be sending out an agenda to all attendees this week for our meeting on 5/23 with CPUC and PG&E.
- I will be submitting our community benefits plan and signed contracts this week.

If you have any updates on your follow-up items please let us know.

Thanks!

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(c) becky.moores@intersectpower.com

From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 5/14/2024 3:43:19 PM
To: Becky Moores [becky.moores@intersectpower.com]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
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Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(c) becky.moores@intersectpower.com

From: Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]
Sent: 5/23/2024 10:06:32 PM
To: Becky Moores [becky.moores@intersectpower.com]; Anderson, Kari@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=2a783549590f4febb0eb8d96a79b60aa-Anderson, K]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; Michelle Wilson [michelle.wilson@cpuc.ca.gov]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Edirisuriya, Sudath@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a5d6cd74e9024972b122d8344f69b3a8-Edirisuriya]; mzmvmv@pge.com; Jo Lynn Lambert [jllm@pge.com]; Daniel Yanchus [daniel@intersectpower.com]; j71q@pge.com; Ziff, Briana@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9d1539e61a02423dad0bea24f0056535-0e930594-04]; laiping.ng@ca.gov; Ryan Hagemann [ryan.hagemann@intersectpower.com]; Will Lutkewitte [will.lutkewitte@intersectpower.com]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; lisa.worall@energy.ca.gov; Roxanne Henriquez [roxanne.henriquez@cpuc.ca.gov]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Sam Alexander [sam.alexander@intersectpower.com]; Trevor Pratt [trevor.pratt@cpuc.ca.gov]; rhull@coxcastle.com; jack.mulligan@cpuc.ca.gov; Hughes, Joseph@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7dd5e80572b644209e9607ba7bdc630-Hughes, Jos]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Kerr, Steven@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d0d5a66bed2249fca830918f58b3b921-Kerr, Steve]
CC: Marisa Mitchell [marisa@intersectpower.com]; Vorters, Dian@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=2c5604e712a74c029e412542e0db72ac-Vorters, Di]; Huber, Elizabeth@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=93f40660c3d446578d63390926fd5e5a-Huber, Eliz]
Subject: FW: Darden Project: CEC, CPUC, PG&E, Intersect (23-OPT-02)
Attachments: invite.ics
Location: Microsoft Teams Meeting
Start: 5/23/2024 10:00:00 PM
End: 5/23/2024 11:00:00 PM
Show Time As: Busy

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Monday, May 20, 2024 9:43:39 AM (UTC-08:00) Pacific Time (US & Canada)
To: Becky Moores <becky.moores@intersectpower.com>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Michelle Wilson <michelle.wilson@cpuc.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Edirisuriya, Sudath@Energy <sudath.edirisuriya@energy.ca.gov>; mzmvmv@pge.com <mzmvmv@pge.com>; Jo Lynn Lambert <jllm@pge.com>; Daniel Yanchus <daniel@intersectpower.com>; j71q@pge.com <j71q@pge.com>; Ziff, Briana@Energy <Briana.Ziff@Energy.ca.gov>; laiping.ng@ca.gov <laiping.ng@ca.gov>; Ryan Hagemann <ryan.hagemann@intersectpower.com>; Will Lutkewitte <will.lutkewitte@intersectpower.com>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; lisa.worall@energy.ca.gov <lisa.worall@energy.ca.gov>; Roxanne Henriquez <roxanne.henriquez@cpuc.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Sam Alexander <sam.alexander@intersectpower.com>; Trevor Pratt <trevor.pratt@cpuc.ca.gov>; rhull@coxcastle.com <rhull@coxcastle.com>; jack.mulligan@cpuc.ca.gov <jack.mulligan@cpuc.ca.gov>; Hughes, Joseph@Energy

Location

Becky Moores - organizer
alex.mayer@energy.ca.gov
Michelle Wilson
eric.knight@energy.ca.gov
sudath.edirisuriya@energy.ca.gov
Martín Ortiz
Jo Lynn Lambert
Daniel Yanchus
j71q@pge.com
briana.ziff@energy.ca.gov
laiping.ng@ca.gov
Ryan Hagemann
Will Lutkewitte
lisa.worrall@energy.ca.gov
lisa.worall@energy.ca.gov
Roxanne Henriquez
ann.crisp@energy.ca.gov
Sam Alexander
Trevor Pratt
rhull@coxcastle.com
jack.mulligan@cpuc.ca.gov
joseph.hughes@energy.ca.gov
jared.babula@energy.ca.gov
steven.kerr@energy.ca.gov
Marisa Mitchell - optional
dian.vorters@energy.ca.gov - optional
elizabeth.huber@energy.ca.gov - optional
View all guest info

Reply for jared.babula@energy.ca.gov

Yes	No	Maybe
More options		

Invitation from Google Calendar

You are receiving this email because you are an attendee on the event. To stop receiving future updates for this event, decline this event.

Forwarding this invitation could allow any recipient to send a response to the organizer, be added to the guest list, invite others regardless of status, or modify your RSVP. [Learn more](#)

From: Becky Moores [becky.moores@intersectpower.com]
Sent: 5/28/2024 4:27:07 PM
To: Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Ziff, Briana@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9d1539e61a02423dad0bea24f0056535-0e930594-04]; Daniel Yanchus [daniel@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Jameson Saberon [j71q@pge.com]; Mulligan, Jack M. [jack.mulligan@cpuc.ca.gov]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Jo Lynn Lambert [jllm@pge.com]; Hughes, Joseph@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7dd5e80572b644209e9607ba7bdc630-Hughes, Jos]; Ng, Laiping@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c9d8fee0b1a94a4bb9eeea36d5272c9e-Ng, Laiping]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Wilson, Michelle [michelle.wilson@cpuc.ca.gov]; Martín Ortiz [mzmvm@pge.com]; Hull, Robbie C. [rhull@coxcastle.com]; Henriquez, Roxanne [roxanne.henriquez@cpuc.ca.gov]; Ryan Hagemann [ryan.hagemann@intersectpower.com]; Sam Alexander [sam.alexander@intersectpower.com]; Kerr, Steven@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d0d5a66bed2249fca830918f58b3b921-Kerr, Steve]; Edirisuriya, Sudath@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a5d6cd74e9024972b122d8344f69b3a8-Edirisuriya]; Pratt, Trevor [trevor.pratt@cpuc.ca.gov]; Will Lutkewitte [will.lutkewitte@intersectpower.com]
Subject: Darden Project: CEC, CPUC, PG&E, Intersect Power (23-OPT-02)
Attachments: CPUC's MMCRP for LSP Gates.pdf; CEC-CPUC CEQA Discussion.pptx

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Everyone,

Please see attached documents from Jo Lynn including the slides she presented on last week's call and the MMCRP for the LS Power project we discussed; PG&E's Construction Measures start at page 5-18, after the LS Power APMs.

Thank you,

Becky Moores
 Director, Environmental & Permitting
 INTERSECT POWER
 (c) 303.919.6735
 (e) becky.moores@intersectpower.com

From: Foggie, Mineka@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=D9464D93867849A18C9E97FECDBB9765-FOGGIE, MIN]
Sent: 5/28/2024 8:22:34 PM
To: Salma Abdelfattah [salma.abdelfattah@intersectpower.com]; Luke Dunnington [luke@intersectpower.com]
CC: Huber, Elizabeth@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=93f40660c3d446578d63390926fd5e5a-Huber, Eliz]; Vorters, Dian@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=2c5604e712a74c029e412542e0db72ac-Vorters, Di]
Subject: RE: Darden - Path to Deemed Complete

Thank you Salma.

From: Salma Abdelfattah <salma.abdelfattah@intersectpower.com>
Sent: Tuesday, May 28, 2024 1:20 PM
To: Luke Dunnington <luke@intersectpower.com>
Cc: Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov>; Foggie, Mineka@Energy <Mineka.Foggie@energy.ca.gov>; Vorters, Dian@Energy <Dian.Vorters@Energy.ca.gov>
Subject: Re: Darden - Path to Deemed Complete

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi All,

I sent the invite for 5:15p PT today!

Salma

On Tue, May 28, 2024 at 11:49 AM Luke Dunnington <luke@intersectpower.com> wrote:

Elizabeth - Thank you for the call. 5:15pm today works for a call with me and Marisa.

Mineka - Thank you for setting up the calendar invite. Please include marisa@intersectpower.com

Best, Luke

.....
Luke Dunnington
President / Founder
INTERSECT POWER
(c) 510.421.1359
www.linkedin.com/in/lukedunnington1

On Tue, May 28, 2024 at 11:15 AM Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov> wrote:

Hi Luke, Mineka will work on some times today or tomorrow. Do you have any preferences? I just cannot do between 1:30-3:30 but happy to meet at end of day. EH

Elizabeth Huber (she/her) | Director

email: Elizabeth.huber@energy.ca.gov

Work (916) 776-0609

California Energy Commission

Siting, Transmission and Environmental Protection Division

715 P St, Sacramento, CA 95814



**CALIFORNIA
ENERGY COMMISSION**

From: Luke Dunnington <luke@intersectpower.com>

Sent: Friday, May 24, 2024 10:36 AM

To: Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov>

Cc: Foggie, Mineka@Energy <Mineka.Foggie@energy.ca.gov>; Salma Abdelfattah <salma.abdelfattah@intersectpower.com>

Subject: Darden - Path to Deemed Complete

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Elizabeth -

Hope you are well. I hear from the team that we're expecting another deficiency notice around June 10th. I know you and I have been back and forth on this idea of the conflict between (A) the benefits of Opt-in providing a wholistic package of approvals under the license, and therefore needing a very complete submission prior to being deemed complete vs (B) the somewhat linear process of PV/H2 project development that can bound CEQA impacts early in the process but that only advances project design once inputs like permits are approved, given the design requirements or restrictions that they create.

I think it might be a good moment for us to take stock of where we are, 6 months into the process now, and see where pivots can be made, to make AB 205 successful. We are certainly long AB 205 now. Our schedule depends on being successful with the CEC, so we are committed to a shared outcome, but we're increasingly concerned about the negative impact of slip to our schedule.

What is your availability like in the next week? And what are your thoughts on the most effective group to help us drive towards a solution that works for Darden, Perkins, and beyond?

Many thanks for your partnership,

Luke

.....

Luke Dunnington
President / Founder
INTERSECT POWER
(c) 510.421.1359

www.linkedin.com/in/lukedunnington1

--

Salma Abdelfattah
Executive Assistant to the President
INTERSECT POWER
(c) 407.797.6060
(e) salma.abdelfattah@intersectpower.com
<https://www.linkedin.com/in/salma-abdelfattah/>

From: Luke Dunnington [luke@intersectpower.com]
Sent: 5/28/2024 6:48:52 PM
To: Huber, Elizabeth@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=93f40660c3d446578d63390926fd5e5a-Huber, Eliz]
CC: Foggie, Mineka@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d9464d93867849a18c9e97fecdbb9765-Foggie, Min]; Salma Abdelfattah [salma.abdelfattah@intersectpower.com]; Vorters, Dian@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=2c5604e712a74c029e412542e0db72ac-Vorters, Di]
Subject: Re: Darden - Path to Deemed Complete
Flag: Follow up

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.....
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 President / Founder
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www.linkedin.com/in/lukedunnington1

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Elizabeth Huber (she/her) | *Director*

email: Elizabeth.huber@energy.ca.gov

Work (916) 776-0609

California Energy Commission

Siting, Transmission and Environmental Protection Division

715 P St, Sacramento, CA 95814



**CALIFORNIA
ENERGY COMMISSION**

From: Luke Dunnington <luke@intersectpower.com>
Sent: Friday, May 24, 2024 10:36 AM
To: Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov>
Cc: Foggie, Mineka@Energy <Mineka.Foggie@energy.ca.gov>; Salma Abdelfattah <salma.abdelfattah@intersectpower.com>
Subject: Darden - Path to Deemed Complete

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Many thanks for your partnership,

Luke

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Luke Dunnington
President / Founder
INTERSECT POWER
(c) 510.421.1359

www.linkedin.com/in/lukedunnington1

From: Ziff, Briana@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=9D1539E61A02423DAD0BEA24F0056535-0E930594-04]
Sent: 6/6/2024 5:38:28 PM
To: becky.moores@intersectpower.com
CC: Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Cabrera, Crystal@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ed6e32a127144ccfa19a6f4347765a9e-00a33618-ff]
Subject: Darden Application for Confidentiality - Community Benefits Agreement

Hi Becky,

We've met in previous meetings but as a refresher I am Briana Ziff, and I am an Attorney working on the Darden team. The CEC has received Darden's application for confidentiality (TN 256457) requesting confidentiality for the Community Benefits Agreements (CBAs) under trade secrets and public interest. Upon review, we have determined that the application does not meet the requirements of the confidentiality regulations under California Code of Regulations, title 20, section 2505(a)(1)(D). Additionally, we disagree that the public interest is served in nondisclosure, and we intend to deny the application. For context, other opt-in projects that have requested confidentiality for their CBAs under trade secrets and public interest have similarly been denied.

Another thing to note, the CBAs include the following termination language: "Donor may terminate this Agreement by providing Recipient with 5 days' advance Notice (as defined in Section 9)." This termination language is not sufficient to make the CBA a binding agreement. The CEC and Intersect met May 23, 2024, to discuss this same issue for Perkins. While conditional language is allowed, the termination language that the donor can terminate for seemingly whatever reason is not. Perkins chose to withdraw their application and to make edits to the termination language.

We would like to offer Darden the same opportunity to withdraw the application and further, to make edits as needed to the CBAs. If you do not wish to withdraw this application for confidentiality as proposed, we will issue a letter denying the application. Please let me know if you have any questions. If you would like to discuss this in a meeting, I would be happy to set one up. I have included Senior Counsel in this email who are also available to assist with any concerns.

Best,

Briana Ziff
Attorney I
Advocacy and Compliance Unit
Chief Counsel's Office

California Energy Commission
Website: www.energy.ca.gov



From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 6/4/2024 4:19:02 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Subject: RE: Darden- Are we meeting today?

I realized I joined our meeting at 9 and the meeting is at 9:30. I can use the time though. I will send your email to our compliance office manager, Brett Fooks and get back to you.

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Tuesday, June 4, 2024 9:14 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: Darden- Are we meeting today?

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Lisa,

That works, we can skip today's meeting. I did have these two questions, not critical for now though so you can either respond via email or we can discuss next week.

- What is the status of your team preparing the RFP for the third party engineer (DCBO - designated certified building official) that will oversee the project
- Do you have any documents or other resources for how the process works post certification to receive LNTPs for starting construction

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Tue, Jun 4, 2024 at 10:04 AM Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov> wrote:

We don't need to meet. We are finalizing our letter and follow up data requests. Call me if you want to talk. Otherwise we are working on Darden.

Lisa Worrall

Senior Environmental Planner

California Energy Commission

Siting, Transmission and Environmental Protection Division

715 P Street, MS-40, Sacramento, CA 95814

Direct: (916) 661-8367

Email: lisa.worrall@energy.ca.gov



From: Becky Moores [becky.moores@intersectpower.com]
Sent: 6/11/2024 2:41:38 AM
To: Ziff, Briana@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9d1539e61a02423dad0bea24f0056535-0e930594-04]
CC: Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Cabrera, Crystal@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ed6e32a127144ccfa19a6f4347765a9e-00a33618-ff]; Megan Svedman [megan.svedman@intersectpower.com]
Subject: Re: Darden Application for Confidentiality - Community Benefits Agreement

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Briana,

Thank you for the outreach on this topic and the opportunity to remedy an insufficient confidentiality request. I am coordinating internally to determine the best approach. We received our second deficiency letter and data requests just today so we are reviewing everything together for our responses on the CEC. I assume we will withdraw this specific application for confidentiality and resubmit. Intersect Power intends to meet all written requirements and regulations for our application materials and not simply match what other opt-in applicants may have chosen to submit. I will reach out if there are any follow up questions.

Thank you,

Becky Moores
 Director, Environmental & Permitting
 INTERSECT POWER
 (c) 303.919.6735
 (c) becky.moores@intersectpower.com

On Thu, Jun 6, 2024 at 11:38 AM Ziff, Briana@Energy <Briana.Ziff@energy.ca.gov> wrote:

Hi Becky,

We've met in previous meetings but as a refresher I am Briana Ziff, and I am an Attorney working on the Darden team. The CEC has received Darden's application for confidentiality (TN 256457) requesting confidentiality for the Community Benefits Agreements (CBAs) under trade secrets and public interest. Upon review, we have determined that the application does not meet the requirements of the confidentiality regulations under California Code of Regulations, title 20, section 2505(a)(1)(D). Additionally, we disagree that the public interest is served in nondisclosure, and we intend to deny the application. For context, other opt-in projects that have requested confidentiality for their CBAs under trade secrets and public interest have similarly been denied.

Another thing to note, the CBAs include the following termination language: “Donor may terminate this Agreement by providing Recipient with 5 days' advance Notice (as defined in Section 9).” This termination language is not sufficient to make the CBA a binding agreement. The CEC and Intersect met May 23, 2024, to discuss this same issue for Perkins. While conditional language is allowed, the termination language that the donor can terminate for seemingly whatever reason is not. Perkins chose to withdraw their application and to make edits to the termination language.

We would like to offer Darden the same opportunity to withdraw the application and further, to make edits as needed to the CBAs. If you do not wish to withdraw this application for confidentiality as proposed, we will issue a letter denying the application. Please let me know if you have any questions. If you would like to discuss this in a meeting, I would be happy to set one up. I have included Senior Counsel in this email who are also available to assist with any concerns.

Best,

Briana Ziff

Attorney I

Advocacy and Compliance Unit

Chief Counsel's Office

California Energy Commission

Website: www.energy.ca.gov



From: Lambert, Jo Lynn [jllm@pge.com]
Sent: 6/7/2024 10:58:37 PM
To: Becky Moores [becky.moores@intersectpower.com]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Ziff, Briana@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9d1539e61a02423dad0bea24f0056535-0e930594-04]; Daniel Yanchus [daniel@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Saberon, Jameson [J71Q@pge.com]; Mulligan, Jack M. [jack.mulligan@cpuc.ca.gov]; Babula, Jared@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6cf386251c7a47f697f411cee0910882-Babula, Jar]; Hughes, Joseph@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7dd5e80572b644209e9607ba7bdc630-Hughes, Jos]; Ng, Laiping@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c9d8fee0b1a94a4bb9eeea36d5272c9e-Ng, Laiping]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Wilson, Michelle [michelle.wilson@cpuc.ca.gov]; Ortiz, Martin [MZMV@pge.com]; Hull, Robbie C. [rhull@coxcastle.com]; Henriquez, Roxanne [roxanne.henriquez@cpuc.ca.gov]; Ryan Hagemann [ryan.hagemann@intersectpower.com]; Sam Alexander [sam.alexander@intersectpower.com]; Kerr, Steven@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d0d5a66bed2249fca830918f58b3b921-Kerr, Steve]; Edirisuriya, Sudath@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a5d6cd74e9024972b122d8344f69b3a8-Edirisuriya]; Pratt, Trevor [trevor.pratt@cpuc.ca.gov]; Will Lutkewitte [will.lutkewitte@intersectpower.com]
Subject: RE: Darden Project: CEC, CPUC, PG&E, Intersect Power (23-OPT-02)
Attachments: CEC-CPUC CEQA Discussion updated.pptx

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Hi all,

I put these slides together quickly so that we could discuss the broad jurisdiction issues, and realized today (when I pulled them out for a different project) that the CEQA slide – while correct on the concepts – was misleading on the authorities cited. For clarity, and to make sure no one has heartburn in the future on this, I have added a few CEQA cites as well as the famous phrase “the whole of an action,” which I believe Eric mentioned and is particularly appropriate here. I made no other changes in the slides, but suggest you replace your earlier version with this one to avoid future confusion.

Thank you,

Jo Lynn

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Tuesday, May 28, 2024 9:27 AM
To: Mayer, Alex@Energy <alex.mayer@energy.ca.gov>; Ann Crisp <ann.crisp@energy.ca.gov>; Ziff, Briana@Energy <briana.ziff@energy.ca.gov>; Daniel Yanchus <daniel@intersectpower.com>; Knight, Eric <eric.knight@energy.ca.gov>; Saberon, Jameson <j71q@pge.com>; Mulligan, Jack M. <jack.mulligan@cpuc.ca.gov>; Babula, Jared@Energy <jared.babula@energy.ca.gov>; Lambert, Jo Lynn <jllm@pge.com>; joseph.hughes@energy.ca.gov; laiping.ng@energy.ca.gov; Lisa Worrall <lisa.worrall@energy.ca.gov>; Wilson, Michelle <michelle.wilson@cpuc.ca.gov>; Ortiz, Martin <mzmvm@pge.com>; Hull, Robbie C. <rhull@coxcastle.com>; Henriquez, Roxanne <roxanne.henriquez@cpuc.ca.gov>; Ryan Hagemann <ryan.hagemann@intersectpower.com>; Sam Alexander <sam.alexander@intersectpower.com>; steven.kerr@energy.ca.gov; sudath.edirisuriya@energy.ca.gov; Pratt, Trevor <trevor.pratt@cpuc.ca.gov>; Will Lutkewitte <will.lutkewitte@intersectpower.com>
Subject: Darden Project: CEC, CPUC, PG&E, Intersect Power (23-OPT-02)

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This email was sent from an EXTERNAL source. Do you know this person? Are you expecting this email? Are you expecting any links or attachments? If suspicious, do not click links, open attachments, or provide credentials. Don't delete it. **Report it by using the "Report Phish" button.**

Hello Everyone,

Please see attached documents from Jo Lynn including the slides she presented on last week's call and the MMCRP for the LS Power project we discussed; PG&E's Construction Measures start at page 5-18, after the LS Power APMs.

Thank you,

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(e) becky.moores@intersectpower.com

You can read about PG&E's data privacy practices at [PGE.com/privacy](https://www.pge.com/privacy).

From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 6/14/2024 11:25:18 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]
Subject: Darden Clean Energy Project (23-OPT-02) - REV 1 Data Requests

Hi Becky,

Thanks for providing Intersect's initial questions and comments on the Revision 1 Data Requests.

We would like to schedule a meeting with Hazardous Materials technical staff so that they can provide assistance with your review and response to HAZ-1 and HAZ-2.

Here are some proposed times, please let us know as soon as possible so we can book the time:

- June 24: 1-2 PM
- June 26: 10-11 AM; 1-230 PM; 3-4 PM
- If none of these work we can look for alternative times

For HAZ-2, please upload a high resolution pdf of Figure 1 (provided in response to staff's DR HAZ-7 in CEC Data Request Response Set 1 [TN 254670]) to Kiteworks. Once technical staff has reviewed the figure they can determine if any other information is missing from the figure.

However, the 2nd part of HAZ-2 "the Conceptual BESS Layout should identify the anticipated location of the typical battery station within the overall site in relation to other equipment" needs a separate response as this is related to Figure 3 DR PD-11 Conceptual BESS Layout and Detail and the follow up request was grouped with HAZ-2. Staff needs more detailed information than the blue polygons on Figure 3-2 labeled "BESS". We can discuss during the meeting.

For Biological Resources, CEC technical staff is coordinating with the CDFW regional staff assigned to the project. We will reach out to coordinate a meeting time with all parties to review Intersect Power's questions regarding the data requests as soon as possible.

Have a great weekend,

Thanks!

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov



From: Becky Moores [becky.moores@intersectpower.com]
Sent: 6/20/2024 5:53:27 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Will Lutkewitte [will.lutkewitte@intersectpower.com]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - REV 1 Data Requests

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

If the slot is still available, June 26 from 1:30-2:30 PT is open on our end.

Thanks,

Becky Moores
 INTERSECT POWER
 (e) becky.moores@intersectpower.com

On Fri, Jun 14, 2024 at 5:25 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
 Hi Becky,

Thanks for providing Intersect's initial questions and comments on the Revision 1 Data Requests.

We would like to schedule a meeting with Hazardous Materials technical staff so that they can provide assistance with your review and response to HAZ-1 and HAZ-2.

Here are some proposed times, please let us know as soon as possible so we can book the time:

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Thanks!

Ann

Ann Crisp

Senior Environmental Planner

Siting and Environmental Branch

Siting, Transmission and Environmental Protection Division

1-916-352-0543

California Energy Commission

Website: www.energy.ca.gov



From: Becky Moores [becky.moores@intersectpower.com]
Sent: 6/20/2024 10:19:10 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]
Subject: Darden (23-OPT-02) SJVAPCD Outreach

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann and Lisa,

The Air District reached out to Rincon wanting to discuss how the Darden project will be permitted. I was wondering if your air team could reach out to Zeferino to discuss directly, and we can set up a larger call if warranted after that?

Zeferino Aleman <Zeferino.Aleman@valleyair.org>

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(c) becky.moores@intersectpower.com

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 6/24/2024 2:53:32 PM
To: Becky Moores [becky.moores@intersectpower.com]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]
Subject: Re: Darden (23-OPT-02) SJVAPCD Outreach

Hi Becky,

We will coordinate with AQ staff and have an update on need for meeting.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, June 20, 2024 3:19 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Subject: Darden (23-OPT-02) SJVAPCD Outreach

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann and Lisa,

The Air District reached out to Rincon wanting to discuss how the Darden project will be permitted. I was wondering if your air team could reach out to Zeferino to discuss directly, and we can set up a larger call if warranted after that?

Zeferino Aleman <Zeferino.Aleman@valleyair.org>

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(e) becky.moores@intersectpower.com

From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 6/24/2024 3:00:00 PM
To: Becky Moores [becky.moores@intersectpower.com]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]
Subject: Re: Darden (23-OPT-02) SJVAPCD Outreach

Hi Becky,

We will coordinate with AQ staff and have an update on need for meeting.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, June 20, 2024 3:19 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Subject: Darden (23-OPT-02) SJVAPCD Outreach

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann and Lisa,

The Air District reached out to Rincon wanting to discuss how the Darden project will be permitted. I was wondering if your air team could reach out to Zeferino to discuss directly, and we can set up a larger call if warranted after that?

Zeferino Aleman <Zeferino.Aleman@valleyair.org>

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(e) becky.moores@intersectpower.com

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 7/11/2024 6:10:16 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Lindsey Sarquilla (Rincon) [lsarquilla@rinconconsultants.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - question regarding project options

Hi Becky,

We are just checking to see if you have any updates regarding the final ARCHES plan, this appears to be the last email update I have but please let me know if there are further updates?

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Friday, November 17, 2023 5:06 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) - question regarding project options

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Ann,

Thanks for the outreach to clarify these details. Answers below.

- Project Component Locations – Please have your team evaluate all options presented for the step-up substation, BESS, and hydrogen facility (Option 1, Option 2, and Alternate Hydrogen Location). Our application materials present analysis for all three locations.
- Brine Disposal – at this time we are focusing on the zero liquid discharge option so you can focus your review for that one option.
- ARCHES – getting clarity on the final ARCHES plan is not a dependency for advancing Darden H2 permitting and planning. The timing of ARCHES clarity will lag Darden's timeframe to be reviewed and deemed complete, but we have very high conviction that we will build H2 at this site, across a number of potential outcomes on the details of ARCHES. We are under a strict NDA with ARCHES but my executives have provided these points for a bit more clarity:
 - Intersect Power was identified as a Tier 1 project.
 - A Tier 1 project is one that has been allocated specific funds as part of the ARCHES proposal, while Tier 2 are projects that are part of the hub but will not be getting funds.
 - Final funding allocations have not yet been announced.
 - ARCHES's intention is to formalize both Tier 1 and Tier 2 projects collectively under the ARCHES hub even if not getting federal funds.
 - ARCHES has explicitly stated that they do not anticipate that any projects will fall out during final negotiations with the DOE.

Thank you,

Becky Moores

Director, Environmental & Permitting

INTERSECT POWER

(c) 303.919.6735

(e) becky.moores@intersectpower.com

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>**Sent:** Thursday, November 16, 2023 1:44 PM**To:** Becky Moores <becky.moores@intersectpower.com>**Cc:** Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>; Marisa Mitchell <marisa@intersectpower.com>;

Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Subject: Darden Clean Energy Project (23-OPT-02) - question regarding project options

Hi Becky,

Staff is currently completing Data Completeness review. Under the project description section it discusses that there are two locations (Option 1 and 2 sites) being considered for the step-up substation and associated transmission lines, two locations (Option 1 and Option 2 sites) being considered for the BESS, and three locations being considered for the green hydrogen facility (Option 1 and Option 2 sites located within the solar facility and a 100 acre site west of Interstate 5).

For the purposes of review of the application and development of the project description we have the following questions:

- Can you confirm you wish staff to evaluate each of the options for the step-up substation, BESS, and green hydrogen facility as part of certification of the proposed project?
- It would appear that consideration of the hydrogen facility would be affected by Intersect being awarded funding under ARCHES. Is this correct? Have you been notified if you were successful in your efforts?

The Water Resources section notes that "Several options for brine disposal are currently being considered, including disposal via deep injection well, disposal by discharge to land, incorporating a zero-liquid discharge system that would produce solid waste for disposal, among others." Can you confirm you wish staff to evaluate all of these options for brine disposal? Also, what do you mean by "among others"?

Two of the three options require submitting applications for two different permits, the deep injection well option would require a permit from CalGEM (UIC permit) and the disposal via the discharge to land option would require a permit from the Water Board.

We want to make sure we don't have staff spending time on something that will not be part of the project for certification. We are fine with analyzing options, we just want to be clear on what we are to analyze.

Thank you for your confirmation of these details.

Ann

Ann Crisp

Senior Environmental Planner

Siting, Transmission & Environmental Protection Division

California Energy Commission

715 P Street

Sacramento, CA 95814

Direct: (916) 776-7975**Fax:** (916) 651-8868

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 7/5/2024 11:24:04 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: BESS Figure
Attachments: Pages from 2_TN252985_20231106T163245_CEC App_Chapter 2_Project Description_Darden Clean Energy.pdf

Hi Becky,

We can provide an example figure if that would help?

Is this the figure you are referencing as being throughout the application? Staff needs more detailed information than the blue polygons on Figure 3-2 labeled "BESS". Staff needs to know where the "anticipated location of the typical battery station" would be in relation to other equipment to determine if there is adequate clearance and setbacks from the proposed locations of other equipment.

For clarification, "other equipment" refers to just about any other building or structure that is part of the BESS, hydrogen generation facility, storage sheds, admin buildings, or solar arrays and above-ground electrical equipment (such as inverters). Recognizing you do not have final detailed drawings, staff would like to see what would be a conceptual layout that would be applied in every case or alternative. The idea is to see set-backs and distances between all equipment/structures.

The figure (s) should show minimum distances between green hydrogen facility, BESS and substation. It should also include relationship with the green hydrogen facility (especially any venting of O2 and H2). They are all grouped together conceptually in the attached figure.

Any questions please let us know.

Thanks,

Ann

Ann Crisp

Senior Environmental Planner

Siting and Environmental Branch

Siting, Transmission and Environmental Protection Division

1-916-352-0543

California Energy Commission

Website: www.energy.ca.gov



From: Becky Moores <becky.moores@intersectpower.com>
Sent: Friday, June 28, 2024 3:46 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: BESS Figure

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

In looking back at notes from our call on Wednesday and at the data request REV 1 DR HAZ-2 I am still unclear on what this ask is: "*The Conceptual BESS Layout should identify the anticipated location of the typical battery station within the overall site in relation to other equipment.*" Our project location figures throughout the application materials show the approximate location of the BESS near the other project components. Specifically, what does "*other equipment*" mean? If we update the figure previously provided (showing the fire protection components) to include the exact components listed in REV 1 DR WS-1, does that satisfy the ask in HAZ-2?

Thank you,

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(c) becky.moores@intersectpower.com

Darden Clean Energy Project

Figure 2-2 Project Site and Components

From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 7/10/2024 4:05:50 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Darden Clean Energy Project (23-OPT-02) - soil sampling clarifications

Hi Becky,

Technical staff has some guidance to provide for the soil and well sampling that was provided verbally during the meeting June 14 - after I provided your update from yesterday's meeting that Intersect plans to schedule the sampling. It is under final management review and I hope to send soon. When were you planning on scheduling the sampling?

Could you clarify the status of the well sampling? My notes indicate that the well sampling effort is pending but likely will be completed by the same contractor who did the prior samples....you want to make sure that it's ok to sample a representative well nearby that may not be on the property as Intersect is not sure which wells are working on the project parcels? Please confirm this is accurate?

Thanks!

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov



From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 7/9/2024 7:43:09 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]
Subject: Fw: BESS Figure
Attachments: Pages from 2_TN252985_20231106T163245_CEC App_Chapter 2_Project Description_Darden Clean Energy.pdf

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We would like to schedule a meeting to discuss this topic with Engineering staff, does that work for you?

Thanks,

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Friday, July 5, 2024 4:24 PM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: BESS Figure

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Is this the figure you are referencing as being throughout the application? Staff needs more detailed information than the blue polygons on Figure 3-2 labeled "BESS". Staff needs to know where the "anticipated location of the typical battery station" would be in relation to other equipment to determine if there is adequate clearance and setbacks from the proposed locations of other equipment.

For clarification, "other equipment" refers to just about any other building or structure that is part of the BESS, hydrogen generation facility, storage sheds, admin buildings, or solar arrays and above-ground electrical equipment (such as inverters). Recognizing you do not have final detailed drawings, staff would like to see what would be a conceptual layout that would be applied in every case or alternative. The idea is to see set-backs and distances between all equipment/structures.

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Any questions please let us know.

Thanks,

Ann

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Sent: Friday, June 28, 2024 3:46 PM

To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>

Subject: BESS Figure

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Hi Ann,

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Thank you,

Becky Moores

Director, Environmental & Permitting

INTERSECT POWER

(c) 303.919.6735

(c) becky.moores@intersectpower.com

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 7/10/2024 8:42:59 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - soil sampling clarifications

Ok, thanks for the follow up, will send to the technical specialists, Alvin and Paul. The sampling info from our meeting will be sent soon.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Wednesday, July 10, 2024 12:38 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - soil sampling clarifications

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Hi Ann,

We are actively coordinating to get the well and soil sampling scheduled. We have not completed any sampling yet but hope to get it scheduled ASAP, but realistically it would be first thing next week since we need to get landowner approvals and schedule the field crew.

At this point in our design, we have not identified the precise location where the well will be located for sourcing groundwater for construction and operations. For additional well water sampling at wells other than those previously sampled we have to 1) identify functioning wells and 2) get landowner approvals for sampling and submitting the information publicly so we need flexibility to sample wells within the project vicinity that would provide representative samples of the groundwater in the area.

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Wed, Jul 10, 2024 at 10:05 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Hi Becky,

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Thanks!

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Sent: 7/11/2024 2:47:50 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - soil sampling clarifications

Hi Becky,,

The HAZ team is ok with the proposed flexibility regarding water sampling.

Thanks for the detailed information.

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Wednesday, July 10, 2024 12:38 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
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From: Becky Moores [becky.moores@intersectpower.com]
Sent: 7/9/2024 8:18:29 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
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Subject: Re: Fw: BESS Figure
Attachments: DR PD-11_Darden BESS Detail.pdf

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Hi Ann,

Correct, that figure shows the conceptual layout of the project features with polygons indicating the general location alternatives for the BESS. Additionally, the attached figure was submitted with response set #2 for data request PD-11 showing a conceptual detail of how the battery system is laid out (it's just a small chunk of the electrical enclosures the project will have). In addition, we are preparing a figure that will show preliminary design of the placement of the battery system and the project substation, though it will not have the detailed layout of all equipment like the example design drawings you provided. The combination of those figures, plus the updated drawing of the BESS fire protection system should provide a high level understanding of the overall BESS layout.

Happy to jump on a call to discuss further with your team.

Thank you,

Becky Moores
 INTERSECT POWER
 (c) becky.moores@intersectpower.com

On Tue, Jul 9, 2024 at 1:43 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky - just confirming that this is the project location figure that is found throughout the application materials that shows the approximate location of the BESS near the other project components?

We would like to schedule a meeting to discuss this topic with Engineering staff, does that work for you?

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Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Friday, July 5, 2024 4:24 PM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: BESS Figure

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Any questions please let us know.

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Ann

Ann Crisp

Senior Environmental Planner

Siting and Environmental Branch

Siting, Transmission and Environmental Protection Division

1-916-352-0543

California Energy Commission

Website: www.energy.ca.gov



From: Becky Moores <becky.moores@intersectpower.com>

Sent: Friday, June 28, 2024 3:46 PM

To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>

Subject: BESS Figure

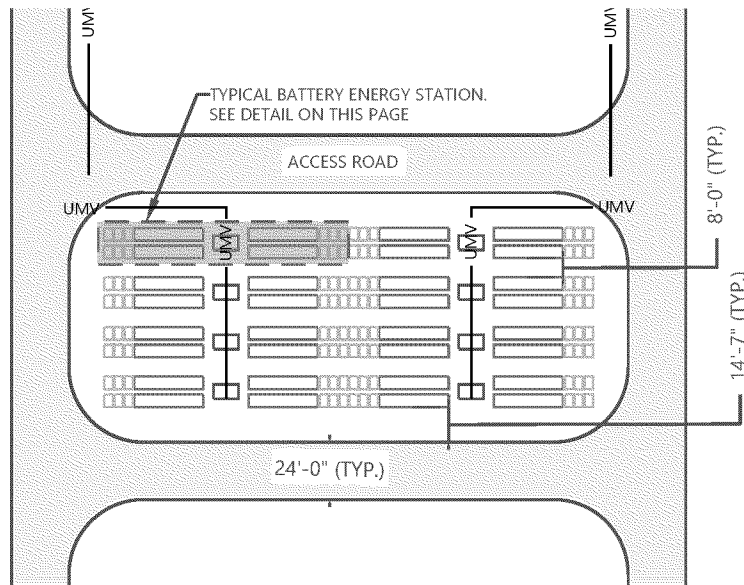
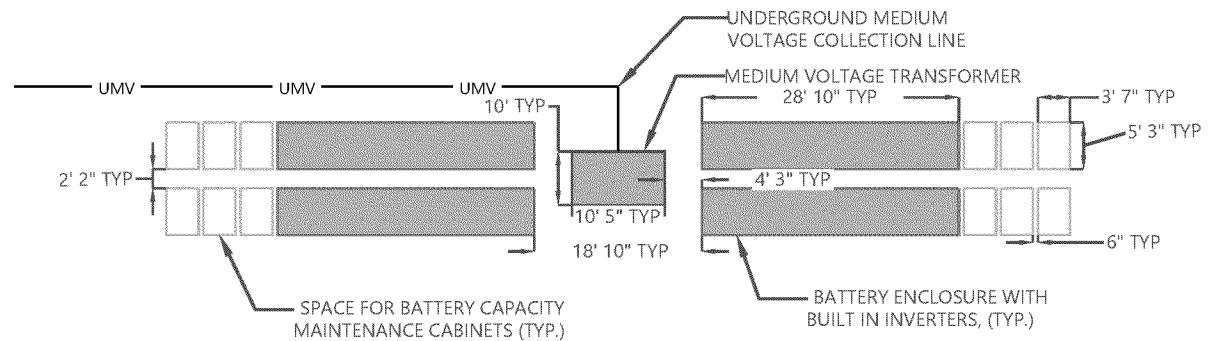
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Thank you,

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(e) becky.moores@intersectpower.com

BESS DETAIL AND LAYOUT**TYPICAL BATTERY ENERGY LAYOUT****TYPICAL BATTERY ENERGY STATION (APPROX. 4MWac)****CONCEPTUAL, NOT FOR
CONSTRUCTION****NOT TO SCALE****Westwood**

Phone (952) 937-5150 12701 Whitewater Drive, Suite #300
 Fax (952) 937-5822 Minnetonka, MN 55343
 Toll Free (888) 937-5150 westwoodps.com

Westwood Professional Services, Inc.

DATE: 01/18/2024

SHEET: 1 of 1

From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
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CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Darden Clean Energy Project (23-OPT-02) - meeting follow ups

Hi Becky,

Thank you for sharing your concerns during past meetings regarding the level of detail requested in staff's data requests among other concerns. Staff's data requests are, in part, intended to ensure we have adequate information to make findings for the project and ensure our EIR may be used by other agencies for issuance of their permits, as needed.

As far as the information needed for staff's analysis, including our need for more detailed site plans, we would like to clarify while the CEC must make findings under CEQA, per AB 205 it must also ensure consistency with all applicable laws, ordinances, regulations, and standards (LORS). Hence, the level of detail required for a project's environmental review under our regulatory program is greater than a typical CEQA review for a project by another state or local agency. Our review is broader than CEQA and we need evidence to determine if your project, as designed, can comply with LORS. While an applicant may not have every detail figured out and drawings may be preliminary, staff needs evidence to show that a project would generally comply with LORS. If there is a need for an override we need more evidence to fully determine why a project would not comply with LORS. Pursuant to PRC 25545.8, before considering an override, the CEC must consult with the state or local agency "to attempt to correct or eliminate the noncompliance" (PRC 25523(d)).

To follow up from our meeting on June 14, 2024 and your concerns regarding the soil sampling details not being included in Appendix B. Appendix B can't cover every possibility and ultimately, "The executive director may require the applicant to submit additional information, documents, or data determined to be reasonably necessary to prepare the environmental impact report for the application and to make a decision on the application." PRC 25545.4(b).

To follow up from our meeting on July 16, 2024, and the need for Dr. Alvin Greenberg to conduct a site visit, as part of staff's due diligence and independent analysis, staff will routinely conduct site visits to verify information presented in the application. Applicants should expect other requests to visit the site, for instance from staff's biologists, cultural resources specialists, etc.

I hope this addresses your concerns and questions. If not, please let me know if you have follow up questions.

We are working with Engineering staff and will provide clarifications on REV 1 DR HAZ-2 and site plans soon.

Thanks!

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

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From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 7/18/2024 6:38:18 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Darden (23-OPT-02) REV 1 DR PD-1

Hi Becky,

No problem, will review schedules and get you some dates and times.

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, July 18, 2024 10:13 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Subject: Darden (23-OPT-02) REV 1 DR PD-1

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Ann,

We would like to schedule a 30 minute call with your SMEs to discuss REV 1 DR PD-1 regarding oxygen venting from the hydrogen facility. We will be discussing options for a confidential filing on our response so having Jared or Alex on may be appropriate. Can you please send available times for your team for next week.

Thank you,

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(e) becky.moores@intersectpower.com

From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 7/12/2024 2:26:06 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Fooks, Brett@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=870df74143964b71ada0039bf13c5a9a-Fooks, Bret]
Subject: Darden Clean Energy Project (23-OPT-02) - REV 1 DR HAZ-1 meeting information

Hello Becky,

As discussed with Dr Alvin Greenberg and the CEC team on the call on June 14, we are providing the following clarifications for additional soil and groundwater sampling, as requested in the REV1 Data Request - DR HAZ-1 included in Determination of Incomplete Application and Request for Follow-up Information for the Darden Clean Energy Project (23- OPT-02).

CEC staff are requesting a total of 11 samples be collected, distributed as follows:

Soil:

- Seven (7) samples from the general site. One each at the centroid of each of the areas marked 2 through 8 in Figure 5.13-9a Groundwater Well Locations Overview, CEC Data Request Response Set 4, page 70.
- Two (2) samples from the linears. One each from the proposed hydrogen pipeline route down to W Mount Whitney Ave and the Gen-Tie ROW shown on the same map. Both samples to be obtained from areas that are currently in agricultural use.

Groundwater:

- Two (2) samples. One sample each from two representative wells that would/may be used for dust control (map of locations shall be provided).

Soil samples to be obtained at 3-5" below ground surface (bgs).

Well samples obtained at the depth of screen.

As requested in REV 1 DR HAZ-1, analytes will include organochlorine pesticides (OCPs), CAM-17 metals, and DCPA (Dacthal) for the well-water and CAM-17 metals and DCPA for soil samples within the 7 areas described above (which have already been sampled and analyzed for OCPs). OCPs, CAM-17 metals, and DCPA will be analyzed for the two linears (hydrogen pipeline linear and the Gen-Tie).

It is preferable that the map of all sample locations be provided to CEC staff prior to sampling.

For the linears, more frequent sampling along the ROW will not be needed, pending the outcome.

If the results are ND or preferably expressed as <PQL (the analytical Practical Quantitation Limit), no further testing would be required. The results would be submitted as part of the response to REV1 DR HAZ-1 for staff review.

Any questions please let me know.

Thanks!

Ann

Ann Crisp

Senior Environmental Planner

Siting and Environmental Branch

Siting, Transmission and Environmental Protection Division

1-916-352-0543

California Energy Commission

Website: www.energy.ca.gov



From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 7/12/2024 4:33:15 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Fooks, Brett@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=870df74143964b71ada0039bf13c5a9a-Fooks, Bret]; agreenberg [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b9bfa77aaf044a8ca270ce3bcef10093-9afec475-67]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Darden Clean Energy Project (23-OPT-02) - site visit request

Hi Becky,

We are requesting a site visit for Dr. Alvin Greenberg to the Darden project site. He will be contacting the FCFPD to arrange a meeting with them to discuss the project and visit the site.

Alvin will coordinate directly with you and keep me in the loop.

Other staff may join, as appropriate, and we will let you know if anyone else plans to join.

Thanks!

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

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From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 7/12/2024 10:46:55 PM
To: agreenberg [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b9bfa77aaf044a8ca270ce3bcef10093-9afec475-67]; Fooks, Brett@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=870df74143964b71ada0039bf13c5a9a-Fooks, Bret]; Becky Moores [becky.moores@intersectpower.com]; Will Lutkewitte [will.lutkewitte@intersectpower.com]
CC: Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Fw: Darden Clean Energy Project (23-OPT-02) - soil sampling clarifications
Attachments: Soil Samples 07.12.2024.kmz

Hi Alvin, I am going to be generally out of phone service coverage, but here is a map. Please coordinate directly with Becky if you have questions. thank you! Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Friday, July 12, 2024 3:14 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - soil sampling clarifications

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

KMZ attached of the proposed soil sample locations that we will be collecting on Monday.

Thank you,

Becky Moores
INTERSECT POWER
(c) becky.moores@intersectpower.com

On Fri, Jul 12, 2024 at 8:41 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Hi Becky,

We will send the information in an email and docket the ROC next week. This is the clarification information on sampling Alvin provided verbally during the meeting and will not cover anything new. Just want to make sure we are all on same page since the meeting seemed to end with unresolved matters.

Just sent the email this morning.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, July 11, 2024 7:32 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - soil sampling clarifications

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Hi Ann,

I was not aware that your team was preparing a memo, but please send at your earliest convenience. If there is information that will affect the location of sampling for water or soils I would appreciate that sooner as I am coordinating with our contractors tomorrow on the field efforts that will occur early next week.

Thank you,

Becky Moores
INTERSECT POWER
(c) becky.moores@intersectpower.com

On Thu, Jul 11, 2024 at 6:15 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Hi Becky,

We are wrapping up the sampling memo we were going to provide however it is not quite complete. Would you be agreeable to me sending it on Monday? I am out of office tomorrow.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Wednesday, July 10, 2024 12:38 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - soil sampling clarifications

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Hi Ann,

We are actively coordinating to get the well and soil sampling scheduled. We have not completed any sampling yet but hope to get it scheduled ASAP, but realistically it would be first thing next week since we need to get landowner approvals and schedule the field crew.

At this point in our design, we have not identified the precise location where the well will be located for sourcing groundwater for construction and operations. For additional well water sampling at wells other than

those previously sampled we have to 1) identify functioning wells and 2) get landowner approvals for sampling and submitting the information publicly so we need flexibility to sample wells within the project vicinity that would provide representative samples of the groundwater in the area.

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

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Hi Becky,

Technical staff has some guidance to provide for the soil and well sampling that was provided verbally during the meeting June 14 - after I provided your update from yesterday's meeting that Intersect plans to schedule the sampling. It is under final management review and I hope to send soon. When were you planning on scheduling the sampling?

Could you clarify the status of the well sampling? My notes indicate that the well sampling effort is pending but likely will be completed by the same contractor who did the prior samples....you want to make sure that it's ok to sample a representative well nearby that may not be on the property as Intersect is not sure which wells are working on the project parcels? Please confirm this is accurate?

Thanks!

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

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Sent: 7/12/2024 12:15:34 AM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - soil sampling clarifications

Hi Becky,

We are wrapping up the sampling memo we were going to provide however it is not quite complete. Would you be agreeable to me sending it on Monday? I am out of office tomorrow.

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1-916-352-0543

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Sent: 7/12/2024 10:14:59 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]
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Thanks!

Ann

Ann Crisp

Senior Environmental Planner

Siting and Environmental Branch

Siting, Transmission and Environmental Protection Division

1-916-352-0543

California Energy Commission

Website: www.energy.ca.gov



From: Huber, Elizabeth@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=93F40660C3D446578D63390926FD5E5A-HUBER, ELIZ]
Sent: 7/18/2024 11:32:07 PM
To: Luke Dunnington [luke@intersectpower.com]
CC: Salma Abdelfattah [salma.abdelfattah@intersectpower.com]; Foggie, Mineka@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d9464d93867849a18c9e97fecdbb9765-Foggie, Min]
Subject: RE: Next Wed Meeting - In Person, please

Hi Luke,

Mineka will confirm if we need to adjust the time to make the in-person meeting work.

Committed to make the process successful and thanks for raising awareness.

Elizabeth

Elizabeth Huber (she/her) | *Director*
 email: Elizabeth.huber@energy.ca.gov
 Work (916) 776-0609
 California Energy Commission
 Siting, Transmission and Environmental Protection Division
 715 P St, Sacramento, CA 95814



From: Luke Dunnington <luke@intersectpower.com>
Sent: Thursday, July 18, 2024 4:25 PM
To: Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov>
Cc: Salma Abdelfattah <salma.abdelfattah@intersectpower.com>; Foggie, Mineka@Energy <Mineka.Foggie@energy.ca.gov>
Subject: Next Wed Meeting - In Person, please

<p>CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.</p>

Elizabeth -

Hope you're well.

I'd like to propose that our meeting next Wednesday be in person, if you can accommodate that. I'd like to send you, ideally by Monday, a list of the remaining requests with a characterization of our thoughts on the path to resolution on each, so that you and I might roll up our sleeves together, and make some decisions on where resources or discretion is needed, in order to move forward.

We are now at a point where our schedule is in jeopardy. I'm raising the red flag. I'm very concerned and believe that we need to direct some pivots in approach if Darden, Perkins, and AB 205 are to be successful.

I have a call with the Vice Chair on Tuesday.

I'd also like to provide an update to Commissioner Gallardo, ideally next week, and will CC you on that request.

Looking forward to connecting and to driving advancement towards shared success here.
Luke

.....
Luke Dunnington
President / Founder
INTERSECT POWER
(c) 510.421.1359
www.linkedin.com/in/lukedunnington1

From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 7/18/2024 6:38:18 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Darden (23-OPT-02) REV 1 DR PD-1

Hi Becky,

No problem, will review schedules and get you some dates and times.

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, July 18, 2024 10:13 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Subject: Darden (23-OPT-02) REV 1 DR PD-1

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Ann,

We would like to schedule a 30 minute call with your SMEs to discuss REV 1 DR PD-1 regarding oxygen venting from the hydrogen facility. We will be discussing options for a confidential filing on our response so having Jared or Alex on may be appropriate. Can you please send available times for your team for next week.

Thank you,

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(e) becky.moores@intersectpower.com

From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 7/19/2024 2:34:33 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Trevor [Trevor.Pratt@cpuc.ca.gov]; Jack M. [jack.mulligan@cpuc.ca.gov]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Tommy [Tommy.Alexander@cpuc.ca.gov]; Ackerman, James@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3cc35de240cf4253af9cc7d3d2cbb643-Ackerman, J]; Abulaban, Abdel-Karim@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c1ff1d38281a4068b2708271d22c0d94-Abulaban, A]; Hughes, Joseph@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7dd5e80572b644209e9607ba7bdc630-Hughes, Jos]; Khoshmashrab, Shahab@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=debfeb665b7a45629f72eaeb824bce58-Khoshmashra]; Michelle [Michelle.Wilson@cpuc.ca.gov]
CC: Fooks, Brett@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=870df74143964b71ada0039bf13c5a9a-Fooks, Bret]
Subject: Darden Clean Energy Project (23-OPT-02) - CPUC and CEC GEO Discussion
Location: Microsoft Teams Meeting
Start: 7/24/2024 4:00:00 PM
End: 7/24/2024 5:00:00 PM
Show Time As: Busy
Recurrence: (none)
Required Attendees: Worrall, Lisa@Energy; Trevor; Jack M.; Knight, Eric@Energy; Tommy; Ackerman, James@Energy; Abulaban, Abdel-Karim@Energy; Hughes, Joseph@Energy; Khoshmashrab, Shahab@Energy; Michelle
Optional Attendees: Fooks, Brett@Energy

Hi all - please join for a CPUC and CEC meeting to further discuss the Darden Clean Energy Project and the following topics:

- 1) engineering feasibility as it relates to regional subsidence
- 2) potential hazards related to storage of hydrogen

If CPUC has additional topics to cover please let me know.

Thanks!

Ann

Microsoft Teams [Need help?](#)

Join the meeting now

Meeting ID: 238 082 343 751

Passcode: kWqn3p

Dial in by phone

+1 [916-562-1816](#),,[64596301#](#) United States, Sacramento

[Find a local number](#)

Phone conference ID: 645 963 01#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 7/25/2024 5:53:22 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.

Great, I will book 9 AM and let you pass on to any SMEs you need on call.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, July 25, 2024 10:52 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.

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Yep! That whole block works, though slight preference for the 9:00am slot.

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Thu, Jul 25, 2024 at 11:48 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Hi Becky - we could do a call for WATER between 9 and 1030 on Monday? Does that work?

Thanks!

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Thursday, July 25, 2024 9:30 AM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.

Hi Becky - I will set up the TrRANS meeting for today at 2:15, as long as the tech specialist is still available, just sent an email.

Will be in touch about Water soon and HAZ which may have to wait until Monday but will work to get those scheduled ASAP.

Thanks,

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, July 25, 2024 9:24 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

I had a long, late travel day back home yesterday after the meeting but am working on coordination and follow-ups on all these items as well.

I can make the times work today that you recommended for the water and transportation meetings so please send invites for those.

For water, I don't have any documents to share, just need clarification on what is needed other than the maximum daily flow rates, and what is needed on the reverse osmosis topic.

For HAZ-2 / WS-1 I have draft documents ready to share on screen. What times are available for that call? I am out of the office tomorrow.

Becky Moores
 INTERSECT POWER
 (c) becky.moores@intersectpower.com

On Wed, Jul 24, 2024 at 2:33 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
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WATER-1 - are you ready to set up meeting, just confirming documents are ready?

BIO-1 and 2 - I am checking with BIO staff on terminology and timing for past year of data

HAZ-2 - do you have materials ready for meeting?

Thanks!

Ann

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 7/24/2024 9:00:05 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
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Sent: 7/25/2024 9:03:26 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.

Hi Becky -

This is from BIO staff below in red, before I send a final response to the two meeting questions just want to make sure you have no follow ups to this response?

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, July 25, 2024 10:47 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
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Hi Ann,

Correct, we are updating the mapbook you attached with baseline data from 2024.

The entirety of the PV area is the same type so there will be no additional categories there; everything is unfarmed, disked lands. Let me know what label your team prefers for that so they can review the project accurately. Would you prefer "Disked - Barren"?

If the PV site is now all truly disked and unvegetated (which is different than what was originally reported in the application), then the applicant may label this however they please, as long as it is defined and I will accept this as complete.

For the gen-tie line, we can add in a different label for parcels that don't have any crops but may have some level of vegetation growth or are not fully retired.

Yes please, for the gen-tie line, legend headings and mapping which clarify if the parcels are bare or have ruderal growth or are "not fully retired". Staff would like to know what "not fully retired means" does that mean they were recently planted? And if so, with what? I assume they would be retired now or shortly in the future? That term should have further clarification.

Thank you,

Becky Moores
 INTERSECT POWER
 (e) becky.moores@intersectpower.com

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Are there any other clarifications on this DR?

Thanks,

Ann

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Ann

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Sent: 7/25/2024 3:47:47 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.
Attachments: Pages from TN256296_20240510T163007_CEC Data Request Response Set 4.pdf

Hi Becky,

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Sent: 7/5/2024 11:24:04 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: BESS Figure
Attachments: Pages from 2_TN252985_20231106T163245_CEC App_Chapter 2_Project Description_Darden Clean Energy.pdf

Hi Becky,

We can provide an example figure if that would help?

Is this the figure you are referencing as being throughout the application? Staff needs more detailed information than the blue polygons on Figure 3-2 labeled "BESS". Staff needs to know where the "anticipated location of the typical battery station" would be in relation to other equipment to determine if there is adequate clearance and setbacks from the proposed locations of other equipment.

For clarification, "other equipment" refers to just about any other building or structure that is part of the BESS, hydrogen generation facility, storage sheds, admin buildings, or solar arrays and above-ground electrical equipment (such as inverters). Recognizing you do not have final detailed drawings, staff would like to see what would be a conceptual layout that would be applied in every case or alternative. The idea is to see set-backs and distances between all equipment/structures.

The figure (s) should show minimum distances between green hydrogen facility, BESS and substation. It should also include relationship with the green hydrogen facility (especially any venting of O2 and H2). They are all grouped together conceptually in the attached figure.

Any questions please let us know.

Thanks,

Ann

Ann Crisp

Senior Environmental Planner

Siting and Environmental Branch

Siting, Transmission and Environmental Protection Division

1-916-352-0543

California Energy Commission

Website: www.energy.ca.gov



From: Becky Moores <becky.moores@intersectpower.com>
Sent: Friday, June 28, 2024 3:46 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: BESS Figure

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Hi Ann,

In looking back at notes from our call on Wednesday and at the data request REV 1 DR HAZ-2 I am still unclear on what this ask is: "*The Conceptual BESS Layout should identify the anticipated location of the typical battery station within the overall site in relation to other equipment.*" Our project location figures throughout the application materials show the approximate location of the BESS near the other project components. Specifically, what does "*other equipment*" mean? If we update the figure previously provided (showing the fire protection components) to include the exact components listed in REV 1 DR WS-1, does that satisfy the ask in HAZ-2?

Thank you,

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(c) becky.moores@intersectpower.com

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Sent: 7/25/2024 5:47:03 PM
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Ann

From: Huber, Elizabeth@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=93F40660C3D446578D63390926FD5E5A-HUBER, ELIZ]
Sent: 7/24/2024 6:10:47 AM
To: Luke Dunnington [luke@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Fooks, Brett@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=870df74143964b71ada0039bf13c5a9a-Fooks, Bret]; Vorters, Dian@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=2c5604e712a74c029e412542e0db72ac-Vorters, Di]; Hughes, Joseph@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7dd5e80572b644209e9607ba7bdc630-Hughes, Jos]
CC: Becky Moores [becky.moores@intersectpower.com]; Marisa Mitchell [marisa@intersectpower.com]
Subject: Re: Dashboard for tomorrow's session

Thanks, Luke for this document. We will see you tomorrow. EH

Get Outlook for iOS

From: Luke Dunnington <luke@intersectpower.com>
Sent: Tuesday, July 23, 2024 4:15:22 PM
To: Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>; Vorters, Dian@Energy <Dian.Vorters@Energy.ca.gov>; Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>
Cc: Becky Moores <becky.moores@intersectpower.com>; Marisa Mitchell <marisa@intersectpower.com>
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Elizabeth and Team -

Tomorrow, we're looking forward to reaching clarity and alignment together on the sufficiency of our submission and data request response content, such that Darden may be deemed complete in August. For any data request that we're unable to resolve tomorrow, we'd like to identify the appropriate resources from each team and schedule them for a second resolution meeting next week, so that by next Friday 8/2, you have from us a submission that we all believe is complete and sufficient. Towards those ends, please find the attached dashboard of data requests and proposed paths to resolution, as well as a tab with the full text of the data requests, for reference.

Thank you for hosting. We'll see you tomorrow.
 Luke

.....
Luke Dunnington
 President / Founder
 INTERSECT POWER
 (c) 510.421.1359
www.linkedin.com/in/lukedunnington1

From: Luke Dunnington [luke@intersectpower.com]
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To: Huber, Elizabeth@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=93f40660c3d446578d63390926fd5e5a-Huber, Eliz]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Fooks, Brett@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=870df74143964b71ada0039bf13c5a9a-Fooks, Bret]; Vorters, Dian@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=2c5604e712a74c029e412542e0db72ac-Vorters, Di]; Hughes, Joseph@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7dd5e80572b644209e9607ba7bdc630-Hughes, Jos]
CC: Becky Moores [becky.moores@intersectpower.com]; Marisa Mitchell [marisa@intersectpower.com]
Subject: Dashboard for tomorrow's session
Attachments: CEC Problem Solving_07.22.2024.xlsx

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Luke

.....
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President / Founder
INTERSECT POWER
(c) 510.421.1359
www.linkedin.com/in/lukedunnington1

Solution	Topic	Related Data Request (REV 1)
No action needed - Intersect to provide full responses		DR BIO-3 DR HAZ-1 DR PD-3 DR WS-2
CEC to confirm required detail		DR TRANS-1 DR TRANS-2
CEC to Review Data previously provided	Mailing Addresses	DR PD-2
	Water discharge	DR WATER-1
CEC Reliance on Agency Input	Biology	DR BIO-1 DR BIO-2
Intersect to	Hazardous Materials	DR HAZ-2 7/19 Email

provide BESS layout with greater detail	Hazardous Materials Worker Safety	DR HAZ-2 DR WS-1
Detailed Design		DR PD-1 7/19 Email 7/17 email
Reliance on submissions to date and existing San Joaquin Valley O&M P&M HCP		DR TSD-1

Request Details

(see *Data Requests* tab)

Provide a more detailed description of the access points for the site during construction; provide a description of access points for each project component (e.g., solar facility, battery energy storage system, green hydrogen facility, step-up substation, transmission line corridor, and the PG&E utility switchyard) and clearly marked maps illustrating the location of the new roads.

Original data request: Please provide the direct mailing addresses for occupants of properties contiguous to the proposed project.

New data request: Data Response Set 2 to DR PD-14, Table 3 lists residential addresses contiguous (within one mile) of the project. However, staff specifically needs to know the direct mailing addresses for owners and occupants of all properties contiguous to the power plant, related facilities, transmission lines, or other linear facilities

Provide the maximum daily and annual estimated flow rates for both water demand and wastewater generated including information as it relates specifically to wastewater (reverse osmosis reject) handling and disposal

CDFW has confirmed they do not have concerns about significant impacts to the tri-colored blackbird (TCBB) or (BNLL) because there is no suitable habitat and the species are unlikely to occur. Yet the data requests continue to show concern for prescence and significant impacts even though IP has proposed mitigation measures to prevent such impacts.

There appears to be a lack of coordination with CDFW and reliance on their expertise and general authority on these subjects. IP coordinated with CDFW leadership when developing our conservation strategy for Swainson's hawk (SWHA) and received initial support and agreeance with our approach. DR BIO-1 indicates CEC is looking into compensatory mitigation, indicating lack of coordination.

Request for two figures previously submitted that is higher quality and has more clarity / is legible.

The BESS figures submitted with a previous data request was in a combined PDF and the clarity of the figure was poor due to downsizing into a PDF that is small enough to submit through the CEC online docket.

"The Conceptual BESS Layout should identify the anticipated location of the typical battery station within the overall site in relation to other equipment."

"Please ensure that all components of the proposed BESS fire detection and suppression system are clearly marked on the figure including alarms, detectors, any water tanks, water mains and pipes, hydrants, fire water monitors (cannons), sprinkler or deluge systems, post-indicator valves, etc."

Detailed design information on precise location and method of oxygen venting to confirm worker safety standards

New baseline data is being provided for the PG&E fiber communication route options that will provide redundant communication to the new darden switchyard. This scope of work will be constructed 100% by PG&E and is similar in nature to teh utility's O&M activities throughout it's territory.

Plan for Resolution

No additional data requests should follow for these topics.

Confirmation in 7/24 meeting of alignment between CEC and IP on which details are needed for a "detailed description" of construction and operations access points.

IP to provide a map of conceptual construction and operations access points and roads, as well as a narrative of such access points with additional guidance from CEC by 7/29.

Landowner mailing address were provided in *Appendix A - Property Owners List* of the original application materials.

Mailing addresses of adjacent residences were provided in Data Response Set #2 to DR PD-14, Table 3.

IP will provide another table summarizing the addresses for each residential address and associated landowner mailing address, along with adjacent property owner addresses that do not have residential structures. Publicly available information, as the landowner has provided to the county for purposes of notification, is the best information we have for notification.

Review data previously submitted and confirm exactly what additional information, if any, is needed by 7/29.

Review information provided in Data Response Set #4, DR WATER-3 (as referenced in DR-WATER-1), particularly information in Table 4 and related text on page 58

Staff should re-review information previously provided.

Confirm by 7/29 that no additional details are needed above and beyond what has already been provided.

IP Request: Accept CDFW's determination that on-site mitigation to Swainson's hawk take under the proposed Swainson's Hawk Conservation Strategy meets CDFW's "fully mitigate" standard, and additional compensatory mitigation is not warranted.

IP will provide conceptual design drawings that will be similar in nature to the final Darden design. Drawings be will delivered through Kiteworks on Wednesday 7/24. Feedback is needed from CEC by 7/29 to confirm if this information is sufficient. Discretion from leadership is needed for this feedback process, outside of formal data response submittal process and CEC deficiency or completeness letter.

Provide clear instruction on exactly what details are needed and exactly which LORS are the concern by 7/29.

The email provided on 7/19 did not provide clear guidance.

CEC to confirm what "other equipment" - internal BESS equipment, solar panels, substation?

Intersect and CEC PMs and SMEs meeting Tuesday morning 7/23 to discuss

IP Request: CEC to confirm in 7/24 meeting the sufficiency of existing survey data to complete CEQA and provide a completeness determination, or rely upon the existing CEQA analysis of the PG&E San Joaquin Valley O&M HCP, which CEC staff possess.

Biology	
Biology	REV 1 DR BIO-1
Biology	REV 1 DR BIO-2
Biology	REV 1 DR BIO-3
Hazardous Materials Handling	
HazMat	REV 1 DR HAZ-1

Water Resources	
Water	REV 1 DR WATER-1
Worker Safety	
Worker Safety	REV 1 DR WS-1
Worker Safety	REV 1 DR WS-2
Worker Safety	REV 1 DR WS-3
Community Benefits Plan and Ag	

Data Request Set #2

Request Response Set 4 [TN 256296]. So staff can better assess potential impacts to **tricolored blackbird (Agelaius tricolor)**, **Swainson's hawk (Buteo swainsoni)**, **San Joaquin kit fox (Vulpes macrotis mutica)**, and **burrowing owl (Athene cunicularia)**, please provide the following:

- Please update Table 2 (CEC Data Request Response Set 4, p. 5) to expand on the land cover type description to list the most recent crops grown and whether the crop is currently in production within the project site and linear facilities. Please describe the conditions on the ground within the past year within the project site and linear facilities. As tricolored blackbird nest in low row crops such as alfalfa and wheat, whereas burrowing owl utilize different crops or managed portions of agricultural fields, only certain areas within the project boundary and linears may be suitable habitat for these species. **This detail is necessary so CEC and California Department of Fish and Wildlife (CDFW) staff can determine how much compensatory habitat mitigation may be required** for the development of the Incidental Take

habitat assessment for **blunt-nosed leopard lizard (Gambelia sila)** is not warranted, based upon several factors including the applicant's determination that the lands in the vicinity of the project are not suitable habitat. **While the CDFW and CEC staff agree onsite habitat is not suitable, we believe that suitable habitat is available offsite from which animals might disperse onsite, and also point out that the California Natural Diversity Database (CNDDDB) is a positive-occurrence database only. The CEC staff further notes that iNaturalist (2024) contains multiple blunt-nosed leopard lizard occurrences offsite in Ciervo Hills approximately 3 to 5 miles west of the switchyard project boundary, which is within the known range for the species (CDFW 2021).**

The CEC and CDFW staff have additional questions about the habitat evaluation conducted off-site of the switchyard. Staff needs this information to evaluate the impacts of the project and determine if Pacific Gas and Electric Company's (PG&E's) construction measures (CEC Data Request Response Set 4, p. 47) are sufficient to reduce potential impacts to the blunt-nosed leopard lizard from construction of the switchyard. The CEC and CDFW staff need to know the following:

- **How far out to the west of the switchyard property was visible during surveys conducted to ascertain the habitat type described on page 8 in CEC Data Request Response Set 4?**
- Did the applicant's review methods of the species' potential to occur in the proposed switchyard boundary

However, the maps are not in the correct units. Data was provided in g/m², and the annual values were averaged across 5 years. Please provide revised map(s) for the total annual nitrogen deposition in kilograms of nitrogen per hectare per year (kg N/ha/yr). In adherence with Appendix B (g)(13)(B)(ii), Appendix B (g)(13)(C)(ii) and Appendix B (g)(15)(B)(ii), the maps should display the amount of total annual nitrogen deposition in kg N/ha/yr and should not be averaged across 5 years. Please refer to Great Oaks South Backup generating Facility (20-SPPE-01) Draft Environmental

from applicant's CEC Data Response Set 3 in response to staff's DR HAZ-1. Staff notes that these ESAs describe obtaining soil samples at various dates in 2022 and 2023. The soil samples were analyzed for OCP (organochlorine pesticides), lead, and arsenic at 41 locations across the subject property and 10 of those 41 were analyzed for selenium. Although these reports recommended consideration of well-water for dust suppression at the site, wellwater or groundwater sampling and analysis data could not be found in any of these reports.

Based on the response to staff's DR HAZ-1, staff needs additional information to assess the potential health hazards posed to workers involved in soil disturbances, trenching, and excavation activities, in addition to evaluating the use of well-water or groundwater for dust suppression. Please **prepare and implement a supplemental Sampling and Analysis Plan (SAP)** to sample and analyze a representative number of soil

however, the figure was not clear enough or at a scale that is useful. Staff needs a larger **schematic site plan for the battery energy storage system (BESS)**. Please ensure that the site plan is also clearer than the one previously provided. The Conceptual BESS Layout should identify the anticipated location of the

“Oxygen will be vented to a safe location that does not create a hazard to the natural environment,” staff has additional questions. Staff is aware that under certain meteorological conditions and oxygen flow rates, the release of pure oxygen into the atmosphere is known to concentrate in some areas and has resulted in fires or explosions. Therefore, please provide additional information on the precise location(s) of these vent(s), amount of oxygen (in pounds) vented during any release, time of day of venting, elevation of the release point (in feet), and proximity (in feet) of release vents to structures, the heights of these structures, and diagrams that show the shape of these structures. Furthermore, please explain how the operation would be designed to ensure that oxygen venting occurs at a safe distance from hydrogen

staff specifically needs to know the direct mailing addresses for owners and occupants of all properties contiguous to the power plant, related facilities, transmission lines, or other linear facilities. If there are no contiguous properties where the site address of the property is different from the owner’s mailing address (i.e., property not owner occupied), please make a statement to that effect. Otherwise, provide the site address and property owner address. This information is necessary to ensure that notification for the project is made consistent with the requirements of the project components, except for the photovoltaic (PV) panels. Please update this figure to include a photo simulation of the PV panels. Please also provide a clearer photo simulation of the other project components.

improvements are anticipated for existing access roads and will be based on current geotechnical studies and continued stages of gen-tie design and engineering. Please describe public roadways and intersections that would be temporarily or permanently altered during construction including the duration of activities. So that staff can analyze the potential impacts from improvements to access roads, **provide a more detailed description of the access points for the site during construction.**

access points to each project component will be finalized as detailed Project design continues; precise locations of the access roads and access points are not available at this time.” That statement does not meet the application requirements of California Code of Regulations, title 20, Chapter 5, Appendix B (g)(5)(E)(ii). **At least a conceptual location and configuration of access locations need to be provided at this time.** Please provide a **description of access points for each project component** (e.g., solar facility, battery energy storage system, green hydrogen facility, step-up substation, transmission line corridor, and the PG&E

downstream network upgrades at the existing Los Banos, Midway, and Gates (or Manning) substations necessary to accommodate the proposed Darden Clean Energy Project. A brief description of the interconnection of the transmission lines is provided as the “existing setting”. However, **staff requires information about the existing site conditions (i.e., the physical environmental conditions) for each of the substations where upgrades would be made.**

Since the location of pull sites along the affected transmission lines have not been determined, staff also requires information about the **existing site conditions of the transmission corridors affected by**

substations and describe the existing site conditions.

system upgrades and describe the existing site conditions.

vegetation communities, and jurisdictional water features for the affected transmission line right of way and

Society Rare Plant Inventory, U.S. Fish and Wildlife Service Information for Planning and Consultation, National Wetland

water features of the United States or the State of California along the affected transmission line right of way and

the Transmission Line Transposition Towers as part of the Manning Substation scope (CEC Data Request Response Set 4,

g. For **cultural resources** provide the following:

downstream network upgrades such as transmission lines, substations, and other ancillary facilities proposed or

ii. Native American Heritage Commission (NAHC) search of the Sacred Lands File system.
the NAHC). Include any comments or responses received from Tribes and outcome of any interactions.
cultural resources for eligibility to the California Register of Historical Resources and assessment of project impacts
v. Public (non-confidential) version of the cultural resources inventory report.
opted to pursue zero liquid discharge (ZLD) for brine treatment. The water quality treatment process describes wastewater being sent to an evaporator where most of the remaining liquid is removed through boiling and evaporation.
Table 4 from the response to staff's DR WATER-3 in CEC Data Responses Set 4 shows a daily wastewater generation rate of 236,579 gallons, which is reported to result in the generation of 40,600 pounds per day of solids. Title 20, Appendix B requires an applicant to provide a description of the water to be used and discharged by the project including average and maximum daily and annual water demand and wastewater discharge for both the construction and operation phases of the project.
page 29 of CEC Staff Data Request Response Set 1; however, the figure was not clear enough for readability. Please submit a revised Figure 1 that is legible and easier to see how the BESS would be designed and sited. Please ensure that all components of the proposed BESS fire detection and suppression system are clearly marked on the figure including alarms, detectors, any water tanks,
to be used will be tested to demonstrate that they do not require built-in smoke, gas, or fire detection or suppression devices." Please provide justification for these statements with relevant studies, test results, and/or research articles.
Appendix A (DR HAZ-7) all address the BESS choices. Page 17 of Appendix A describes proposed firefighting measures. Please provide any correspondence from the Fresno County Fire Protection District indicating that the department has reviewed the proposed firefighting measures for the project and finds that those measures are adequate. Also, please provide specific safety data sheets for each
Agreements
The CEC has received Darden's application for confidentiality (TN 256457) requesting confidentiality for the Community Benefits Agreements (CBAs) under trade secrets and public interest. Upon review, we have determined that the application does not meet the requirements of the confidentiality regulations under California Code of Regulations, title 20, section 2505(a)(1)(D). Additionally, we disagree that the public interest is served in nondisclosure, and we intend to deny the application. For context, other opt-in projects that have requested confidentiality for their CBAs under trade secrets and public interest have similarly been denied.
Another thing to note, the CBAs include the following termination language: "Donor may terminate this Agreement by providing Recipient with 5 days' advance Notice (as defined in Section 9)." This termination language is not sufficient to make the CBA a binding agreement. The CEC and Intersect met May 23, 2024, to discuss this same issue for Perkins. While conditional language is allowed, the termination language that the donor can terminate for seemingly whatever reason is not. Perkins chose to withdraw their application and to make edits to the termination language.
We would like to offer Darden the same opportunity to withdraw the application and further, to make edits as needed

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 7/30/2024 8:09:05 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Fooks, Brett@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=870df74143964b71ada0039bf13c5a9a-Fooks, Bret]; Marisa Mitchell [marisa@intersectpower.com]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.

Hi Becky,

We look forward to the meeting on Thursday.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Tuesday, July 30, 2024 11:33 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>; Marisa Mitchell <marisa@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

As discussed yesterday, Intersect is working on materials to respond to the new data request received in your email below. The formal data requests received on June 10, 2024 specifically refer to only BESS (REV 1 DR HAZ-2 and DR WS-1) and Intersect focused on these BESS details in the discussions at our in person meeting last week, and we were not aware that full project detailed design was now being requested. Regardless, we are working to prepare the design drawings and hope to have examples ready to share on our rescheduled call this Thursday.

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Fri, Jul 26, 2024 at 5:00 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Hi Becky,

In order to proceed with our review and ensure the project is in compliance with the relevant laws, ordinances, regulations, and standards (LORS), we require a more detailed conceptual layout for the entire site - not just the BESS. Given that our license subsumes all permits delegated to us, it is necessary that we have a complete understanding of the entire project layout.

The intent of HAZ-2 was to request a conceptual site layout for the entire project - not just the BESS - showing locations, distances, buildings, infrastructure details. While the exact layout can ultimately be different, the placement (setbacks and distances) should be the same for all locations/alternatives.

As was communicated during the meeting on 7/24/24, we need the conceptual layout plans to demonstrate conformance with applicable LORS and it is important to have the site plan for the entire site in any discussions with the local fire department

To expedite the review process and avoid any delays, please provide us with conceptual site layout plans for all alternatives that includes, but is not limited to:

- Site boundaries: Clearly delineate the boundaries of the project site.
- Building footprints: Provide the locations and dimensions of all proposed buildings.
- Infrastructure details: Include the layout of utilities, access roads, and other critical infrastructure.
- Parking, landscaping and open spaces: Indicate areas designated for landscaping, green spaces, and any other relevant environmental features.
- Entrances and exits to the facilities along with specific details discussed in the meeting on 7/25/24.

We thought it would be helpful to provide this link to what would be required if Intersect were to have submitted the application to Fresno County instead. <https://www.fresnocountyca.gov/Departments/Public-Works-and-Planning/divisions-of-public-works-and-planning/development-services-division/planning-and-land-use/land-use-applications>

This is standard information that we are also requiring at this point in the process. Please see "Specific Information to be Shown" section of on page 2 of the Land Use Application.

<https://www.fresnocountyca.gov/files/sharedassets/county/v/1/vision-files/files/27511-land-use-application-blank.pdf>

The site plans you provide to us need to include all of this information.

We look forward to a productive meeting on Monday to help us get these items closed out.

Thanks,

Ann

From: Becky Moores <becky.moores@intersectpower.com>

Sent: Friday, July 26, 2024 9:34 AM

To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>

Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>

Subject: Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.

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Hi Ann,

There is still uncertainty on what is needed for the BESS figures requested in DRs HAZ-2 and WS-1 so the meeting with Alvin on Monday is to talk to him to get the precise details he needs to see on the various figures we have already and will submit to meet the needs for analysis of the project. We have prepared a figure

showing a more precise location of the BESS facility in relation to project boundaries, and plan to share an example on screen Monday of one of our other projects design to discuss as an example.

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Thu, Jul 25, 2024 at 5:44 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Hi Becky,

In preparation for Monday could you please let us know what your interpretation was of what Brett explained during the meeting regarding the need for Intersect to provide a conceptual design plan for the Darden project? I would like for the call on Monday to resolve any uncertainty and it sounds like we still are not in alignment.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, July 25, 2024 2:11 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.

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yes, that works also

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Thu, Jul 25, 2024 at 3:10 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Would 2 pm work as backup? Thanks! Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, July 25, 2024 2:04 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Yes, 10:30 works. Thank you

Becky Moores
INTERSECT POWER
(c) becky.moores@intersectpower.com

On Thu, Jul 25, 2024 at 1:12 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Hi Becky,

Last meeting to set up is for HAZ, looks like Monday is best at 1030 if that works for you? I will need to double check with consultant staff but hold that time for now if it works?

Thanks!

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Thursday, July 25, 2024 9:30 AM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.

Hi Becky - I will set up the TrRANS meeting for today at 2:15, as long as the tech specialist is still available, just sent an email.

Will be in touch about Water soon and HAZ which may have to wait until Monday but will work to get those scheduled ASAP.

Thanks,

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, July 25, 2024 9:24 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

I had a long, late travel day back home yesterday after the meeting but am working on coordination and follow-ups on all these items as well.

I can make the times work today that you recommended for the water and transportation meetings so please send invites for those.

For water, I don't have any documents to share, just need clarification on what is needed other than the maximum daily flow rates, and what is needed on the reverse osmosis topic.

For HAZ-2 / WS-1 I have draft documents ready to share on screen. What times are available for that call? I am out of the office tomorrow.

Becky Moores
INTERSECT POWER
(c) becky.moores@intersectpower.com

On Wed, Jul 24, 2024 at 2:33 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Hi Becky,

These are the meetings/follow ups that need to be set up based on my notes:

DR TRANS-1 and TRANS-2 - meeting with tech specialist - Either 430 today or 11 AM or 215 PM tomorrow - still need to check with technical specialists but that is the internal availability.

PD-2 - Lisa will provide example

WATER-1 - are you ready to set up meeting, just confirming documents are ready?

BIO-1 and 2 - I am checking with BIO staff on terminology and timing for past year of data

HAZ-2 - do you have materials ready for meeting?

Thanks!

Ann

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 8/1/2024 9:41:58 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - question regarding project options

Hi Becky,

It's been awhile since we had an ARCHES update. This is the last substantial update in my emails...are there any updates from Intersect?

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Friday, November 17, 2023 5:06 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) - question regarding project options

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Ann,

Thanks for the outreach to clarify these details. Answers below.

- Project Component Locations – Please have your team evaluate all options presented for the step-up substation, BESS, and hydrogen facility (Option 1, Option 2, and Alternate Hydrogen Location). Our application materials present analysis for all three locations.
- Brine Disposal – at this time we are focusing on the zero liquid discharge option so you can focus your review for that one option.
- ARCHES – getting clarity on the final ARCHES plan is not a dependency for advancing Darden H2 permitting and planning. The timing of ARCHES clarity will lag Darden's timeframe to be reviewed and deemed complete, but we have very high conviction that we will build H2 at this site, across a number of potential outcomes on the details of ARCHES. We are under a strict NDA with ARCHES but my executives have provided these points for a bit more clarity:
 - Intersect Power was identified as a Tier 1 project.
 - A Tier 1 project is one that has been allocated specific funds as part of the ARCHES proposal, while Tier 2 are projects that are part of the hub but will not be getting funds.
 - Final funding allocations have not yet been announced.
 - ARCHES's intention is to formalize both Tier 1 and Tier 2 projects collectively under the ARCHES hub even if not getting federal funds.
 - ARCHES has explicitly stated that they do not anticipate that any projects will fall out during final negotiations with the DOE.

Thank you,

Becky Moores

Director, Environmental & Permitting

INTERSECT POWER

(c) 303.919.6735

(e) becky.moores@intersectpower.com**From:** Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>**Sent:** Thursday, November 16, 2023 1:44 PM**To:** Becky Moores <becky.moores@intersectpower.com>**Cc:** Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>; Marisa Mitchell <marisa@intersectpower.com>;

Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Subject: Darden Clean Energy Project (23-OPT-02) - question regarding project options

Hi Becky,

Staff is currently completing Data Completeness review. Under the project description section it discusses that there are two locations (Option 1 and 2 sites) being considered for the step-up substation and associated transmission lines, two locations (Option 1 and Option 2 sites) being considered for the BESS, and three locations being considered for the green hydrogen facility (Option 1 and Option 2 sites located within the solar facility and a 100 acre site west of Interstate 5).

For the purposes of review of the application and development of the project description we have the following questions:

- Can you confirm you wish staff to evaluate each of the options for the step-up substation, BESS, and green hydrogen facility as part of certification of the proposed project?
- It would appear that consideration of the hydrogen facility would be affected by Intersect being awarded funding under ARCHES. Is this correct? Have you been notified if you were successful in your efforts?

The Water Resources section notes that "Several options for brine disposal are currently being considered, including disposal via deep injection well, disposal by discharge to land, incorporating a zero-liquid discharge system that would produce solid waste for disposal, among others." Can you confirm you wish staff to evaluate all of these options for brine disposal? Also, what do you mean by "among others"?

Two of the three options require submitting applications for two different permits, the deep injection well option would require a permit from CalGEM (UIC permit) and the disposal via the discharge to land option would require a permit from the Water Board.

We want to make sure we don't have staff spending time on something that will not be part of the project for certification. We are fine with analyzing options, we just want to be clear on what we are to analyze.

Thank you for your confirmation of these details.

Ann

Ann Crisp

Senior Environmental Planner

Siting, Transmission & Environmental Protection Division

California Energy Commission

715 P Street

Sacramento, CA 95814

Direct: (916) 776-7975**Fax:** (916) 651-8868

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 7/30/2024 8:08:34 PM
To: Becky Moores [becky.moores@intersectpower.com]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - WATER-1 DR discussion

Hi Becky,

I have sent to Water staff and will confirm soon.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Tuesday, July 30, 2024 12:15 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Subject: Darden Clean Energy Project (23-OPT-02) - WATER-1 DR discussion

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

Here is a summary of our discussion with your team yesterday on DR WATER-1.

- IP will provide an updated Table 4 from the response to DR WATER-3 in response set #4 to identify the average and maximum water demand and wastewater generated
- Further clarification will be provided on:
 - The amount of water entering the ZLD system and the amount of sludge or solids that would result and require disposal
 - Storage of the reject water prior ZLD processing and storage of the waste prior to disposal

Let us know if your team requires any additional details based on the conversation.

Thank you,

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(e) becky.moores@intersectpower.com

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 7/31/2024 10:07:09 PM
To: Becky Moores [becky.moores@intersectpower.com]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - WATER-1 DR discussion
Attachments: Pages from TN249737_20230418T111715_Elmore North Geothermal Project Application for Certification Volume 1 (1).pdf

Hi Becky,

Thank you for meeting on Monday. Staff agrees that we need an "updated Table 4 from the response to DR WATER-3 in response set #4 to identify the average and maximum water demand and wastewater generated."

Water staff has provided this peak water balance flow diagram example from the Elmore North Geothermal Project (23-AFC-02). A diagram along with a table showing average daily, daily maximum, and annual average and accompanying narrative would address the Appendix B requirements.

Although you stated during the meeting that a final design drawing package was not available now, staff is concerned that a preliminary engineering drawing is not available for process water use and the zero liquid discharge system to assist staff in understanding facility operations and potential impacts to water resources. A similar type of engineering drawing for your project would be helpful. If not, provide information to the best of your ability which addresses the Appendix B required information for staff assessment.

Thanks,

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Tuesday, July 30, 2024 12:15 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Subject: Darden Clean Energy Project (23-OPT-02) - WATER-1 DR discussion

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Hi Ann,

Here is a summary of our discussion with your team yesterday on DR WATER-1.

- IP will provide an updated Table 4 from the response to DR WATER-3 in response set #4 to identify the average and maximum water demand and wastewater generated
- Further clarification will be provided on:
 - The amount of water entering the ZLD system and the amount of sludge or solids that would result and require disposal
 - Storage of the reject water prior ZLD processing and storage of the waste prior to disposal

Let us know if your team requires any additional details based on the conversation.

Thank you,

Becky Moores

Director, Environmental & Permitting

INTERSECT POWER

(c) 303.919.6735

(e) becky.moores@intersectpower.com

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 7/29/2024 6:08:51 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Fooks, Brett@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=870df74143964b71ada0039bf13c5a9a-Fooks, Bret]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.

Hi Becky - please hold off on coordinating for the proposed Weds site visit. We will postpone until we resolve the discussion regarding the conceptual site plan. Please let me know if you have any questions.

Thanks!

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Monday, July 29, 2024 10:36 AM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.

Hi Becky,

Looks like you were not on the meeting invite but just added you, is it too late notice?

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, July 25, 2024 2:04 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.

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Yes, 10:30 works. Thank you

Becky Moores
 INTERSECT POWER
 (e) becky.moores@intersectpower.com

On Thu, Jul 25, 2024 at 1:12 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

Last meeting to set up is for HAZ, looks like Monday is best at 1030 if that works for you? I will need to double check with consultant staff but hold that time for now if it works?

Thanks!

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Thursday, July 25, 2024 9:30 AM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.

Hi Becky - I will set up the TrRANS meeting for today at 2:15, as long as the tech specialist is still available, just sent an email.

Will be in touch about Water soon and HAZ which may have to wait until Monday but will work to get those scheduled ASAP.

Thanks,

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, July 25, 2024 9:24 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.

<p>CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.</p>

Hi Ann,

I had a long, late travel day back home yesterday after the meeting but am working on coordination and follow-ups on all these items as well.

I can make the times work today that you recommended for the water and transportation meetings so please send invites for those.

For water, I don't have any documents to share, just need clarification on what is needed other than the maximum daily flow rates, and what is needed on the reverse osmosis topic.

For HAZ-2 / WS-1 I have draft documents ready to share on screen. What times are available for that call? I am out of the office tomorrow.

Becky Moores
 INTERSECT POWER

(e) becky.moores@intersectpower.com

On Wed, Jul 24, 2024 at 2:33 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Hi Becky,

These are the meetings/follow ups that need to be set up based on my notes:

DR TRANS-1 and TRANS-2 - meeting with tech specialist - Either 430 today or 11 AM or 215 PM tomorrow - still need to check with technical specialists but that is the internal availability.

PD-2 - Lisa will provide example

WATER-1 - are you ready to set up meeting, just confirming documents are ready?

BIO-1 and 2 - I am checking with BIO staff on terminology and timing for past year of data

HAZ-2 - do you have materials ready for meeting?

Thanks!

Ann

From: Becky Moores [becky.moores@intersectpower.com]
Sent: 7/9/2024 8:18:29 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Will Lutkewitte [will.lutkewitte@intersectpower.com]
Subject: Re: Fw: BESS Figure
Attachments: DR PD-11_Darden BESS Detail.pdf

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

Correct, that figure shows the conceptual layout of the project features with polygons indicating the general location alternatives for the BESS. Additionally, the attached figure was submitted with response set #2 for data request PD-11 showing a conceptual detail of how the battery system is laid out (it's just a small chunk of the electrical enclosures the project will have). In addition, we are preparing a figure that will show preliminary design of the placement of the battery system and the project substation, though it will not have the detailed layout of all equipment like the example design drawings you provided. The combination of those figures, plus the updated drawing of the BESS fire protection system should provide a high level understanding of the overall BESS layout.

Happy to jump on a call to discuss further with your team.

Thank you,

Becky Moores
INTERSECT POWER
(c) becky.moores@intersectpower.com

On Tue, Jul 9, 2024 at 1:43 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky - just confirming that this is the project location figure that is found throughout the application materials that shows the approximate location of the BESS near the other project components?

We would like to schedule a meeting to discuss this topic with Engineering staff, does that work for you?

Thanks,

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Friday, July 5, 2024 4:24 PM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: BESS Figure

Hi Becky,

We can provide an example figure if that would help?

Is this the figure you are referencing as being throughout the application? Staff needs more detailed information than the blue polygons on Figure 3-2 labeled "BESS". Staff needs to know where the "anticipated location of the typical battery station" would be in relation to other equipment to determine if there is adequate clearance and setbacks from the proposed locations of other equipment.

For clarification, "other equipment" refers to just about any other building or structure that is part of the BESS, hydrogen generation facility, storage sheds, admin buildings, or solar arrays and above-ground electrical equipment (such as inverters). Recognizing you do not have final detailed drawings, staff would like to see what would be a conceptual layout that would be applied in every case or alternative. The idea is to see set-backs and distances between all equipment/structures.

The figure (s) should show minimum distances between green hydrogen facility, BESS and substation. It should also include relationship with the green hydrogen facility (especially any venting of O2 and H2). They are all grouped together conceptually in the attached figure.

Any questions please let us know.

Thanks,

Ann

Ann Crisp

Senior Environmental Planner

Siting and Environmental Branch

Siting, Transmission and Environmental Protection Division

1-916-352-0543

California Energy Commission

Website: www.energy.ca.gov



From: Becky Moores <becky.moores@intersectpower.com>

Sent: Friday, June 28, 2024 3:46 PM

To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>

Subject: BESS Figure

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

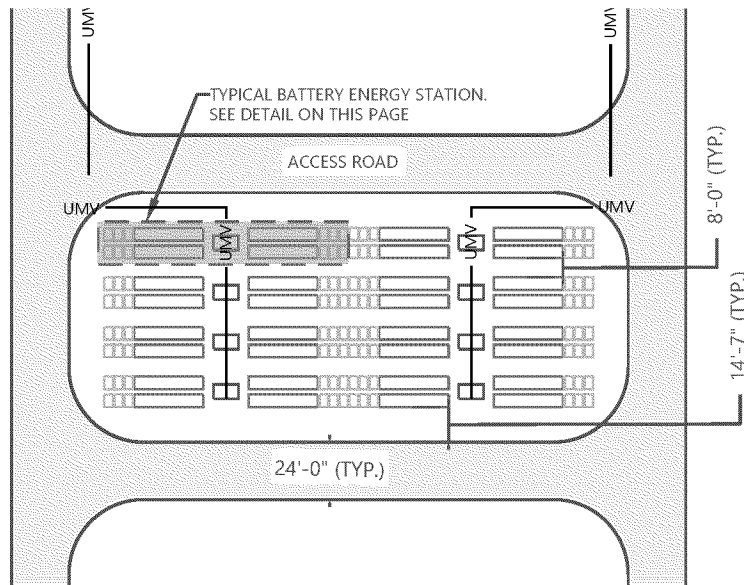
Hi Ann,

In looking back at notes from our call on Wednesday and at the data request REV 1 DR HAZ-2 I am still unclear on what this ask is: "*The Conceptual BESS Layout should identify the anticipated location of the typical battery station within the overall site in relation to other equipment.*" Our project location figures throughout the application materials show the approximate location of the BESS near the other project components. Specifically, what does "*other equipment*" mean? If we update the figure previously provided (showing the fire protection components) to include the exact components listed in REV 1 DR WS-1, does that satisfy the ask in HAZ-2?

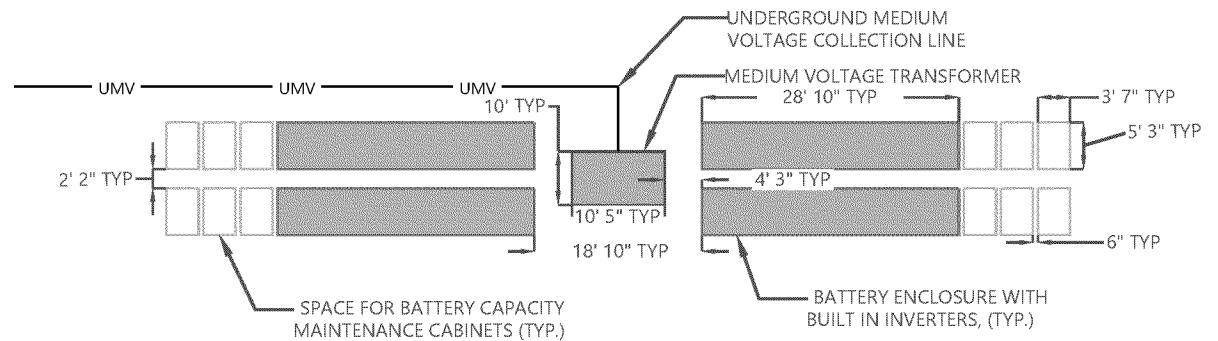
Thank you,

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(c) becky.moores@intersectpower.com

BESS DETAIL AND LAYOUT



TYPICAL BATTERY ENERGY LAYOUT



TYPICAL BATTERY ENERGY STATION (APPROX. 4MWac)

**CONCEPTUAL, NOT FOR
CONSTRUCTION**

NOT TO SCALE

Westwood

Phone (952) 937-5150 12701 Whitewater Drive, Suite #300
Fax (952) 937-5822 Minnetonka, MN 55343
Toll Free (888) 937-5150 westwoodps.com

Westwood Professional Services, Inc.

DATE: 01/18/2024

SHEET: 1 of 1

From: Becky Moores [becky.moores@intersectpower.com]
Sent: 7/26/2024 4:34:14 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Fooks, Brett@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=870df74143964b71ada0039bf13c5a9a-Fooks, Bret]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.

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Hi Ann,

There is still uncertainty on what is needed for the BESS figures requested in DRs HAZ-2 and WS-1 so the meeting with Alvin on Monday is to talk to him to get the precise details he needs to see on the various figures we have already and will submit to meet the needs for analysis of the project. We have prepared a figure showing a more precise location of the BESS facility in relation to project boundaries, and plan to share an example on screen Monday of one of our other projects design to discuss as an example.

Thank you,

Becky Moores
 INTERSECT POWER
 (e) becky.moores@intersectpower.com

On Thu, Jul 25, 2024 at 5:44 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

In preparation for Monday could you please let us know what your interpretation was of what Brett explained during the meeting regarding the need for Intersect to provide a conceptual design plan for the Darden project? I would like for the call on Monday to resolve any uncertainty and it sounds like we still are not in alignment.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, July 25, 2024 2:11 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.

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yes, that works also

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Thu, Jul 25, 2024 at 3:10 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Would 2 pm work as backup? Thanks! Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, July 25, 2024 2:04 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.

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Yes, 10:30 works. Thank you

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Thu, Jul 25, 2024 at 1:12 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Hi Becky,

Last meeting to set up is for HAZ, looks like Monday is best at 1030 if that works for you? I will need to double check with consultant staff but hold that time for now if it works?

Thanks!

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Thursday, July 25, 2024 9:30 AM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.

Hi Becky - I will set up the TrRANS meeting for today at 2:15, as long as the tech specialist is still available, just sent an email.

Will be in touch about Water soon and HAZ which may have to wait until Monday but will work to get those scheduled ASAP.

Thanks,

Ann

From: Becky Moores <becky.moores@intersectpower.com>

Sent: Thursday, July 25, 2024 9:24 AM

To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>

Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Subject: Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

I had a long, late travel day back home yesterday after the meeting but am working on coordination and follow-ups on all these items as well.

I can make the times work today that you recommended for the water and transportation meetings so please send invites for those.

For water, I don't have any documents to share, just need clarification on what is needed other than the maximum daily flow rates, and what is needed on the reverse osmosis topic.

For HAZ-2 / WS-1 I have draft documents ready to share on screen. What times are available for that call? I am out of the office tomorrow.

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Wed, Jul 24, 2024 at 2:33 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Hi Becky,

These are the meetings/follow ups that need to be set up based on my notes:

DR TRANS-1 and TRANS-2 - meeting with tech specialist - Either 430 today or 11 AM or 215 PM tomorrow - still need to check with technical specialists but that is the internal availability.

PD-2 - Lisa will provide example

WATER-1 - are you ready to set up meeting, just confirming documents are ready?

BIO-1 and 2 - I am checking with BIO staff on terminology and timing for past year of data

HAZ-2 - do you have materials ready for meeting?

Thanks!

Ann

From: Becky Moores [becky.moores@intersectpower.com]
Sent: 8/1/2024 12:00:34 AM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Yes, I agree this email chain works just fine for documenting the discussion.

Best,

Becky Moores
 INTERSECT POWER
 (c) becky.moores@intersectpower.com

On Tue, Jul 30, 2024 at 2:08 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

BIO staff has no further clarifications. Thanks for the coordination on this topic. In the interest of time, we can use the email chain below to document our discussion?

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Tuesday, July 30, 2024 10:49 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

See responses below in blue.

Becky Moores
 INTERSECT POWER
 (c) becky.moores@intersectpower.com

On Thu, Jul 25, 2024 at 3:03 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky -

This is from BIO staff below in red, before I send a final response to the two meeting questions just want to make sure you have no follow ups to this response?

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>

Sent: Thursday, July 25, 2024 10:47 AM

To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>

Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Subject: Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

Correct, we are updating the mapbook you attached with baseline data from 2024.

The entirety of the PV area is the same type so there will be no additional categories there; everything is unfarmed, disked lands. Let me know what label your team prefers for that so they can review the project accurately. Would you prefer "Disked - Barren"?

If the PV site is now all truly disked and unvegetated (which is different than what was originally reported in the application), then the applicant may label this however they please, as long as it is defined and I will accept this as complete.

Yes, the PV site is all disked lands as illustrated in the Maps provided in data response set 4 in response to DR BIO-18. We will provide a response to the REV 1 DR BIO-1 to reiterate and clarify.

For the gen-tie line, we can add in a different label for parcels that don't have any crops but may have some level of vegetation growth or are not fully retired.

Yes please, for the gen-tie line, legend headings and mapping which clarify if the parcels are bare or have ruderal growth or are "not fully retired". Staff would like to know what "not fully retired means" does that mean they were recently planted? And if so, with what? I assume they would be retired now or shortly in the future? That term should have further clarification.

Updated maps will be provided.

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Thu, Jul 25, 2024 at 9:47 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

I am working on getting responses to your questions on BIO. Please confirm the attached map set is what you intend to resubmit with more current data for some areas of the gen-tie that may have been in production this past year for garlic, etc?

Per the response to BIO-18 - "Maps identifying land cover types are provided as Appendix E to this document. Data inputs for the maps includes observations during biological resources surveys and the agricultural uses map depicted in Figure 5.2-5a through Figure 5.2-5h in Section 5.2, Land Use."

To confirm, based on the meeting on July 25, the applicant needs clarification on how to identify "Non-Active Agriculture" in the follow up response? In addition, to which timeframe we would like the data to cover?

Would you simply be switching out "non-active agriculture" legend label and use another term such as Fallow/Idle Cropland? or would you be able to add additional categories and clarify in the mapping which areas are dry-farmed and/or disced or which areas have ruderal vegetation and are not disced, etc?

Are there any other clarifications on this DR?

Thanks,

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>

Sent: Wednesday, July 24, 2024 2:00 PM

To: Becky Moores <becky.moores@intersectpower.com>

Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Subject: Re: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.

For the WATER meeting - would tomorrow sometime between 11:00 and 12:00 work?

From: Crisp, Ann@Energy

Sent: Wednesday, July 24, 2024 1:33 PM

To: Becky Moores <becky.moores@intersectpower.com>

Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>

Subject: Darden Clean Energy Project (23-OPT-02) - follow ups and meetings.

Hi Becky,

These are the meetings/follow ups that need to be set up based on my notes:

DR TRANS-1 and TRANS-2 - meeting with tech specialist - Either 430 today or 11 AM or 215 PM tomorrow - still need to check with technical specialists but that is the internal availability.

PD-2 - Lisa will provide example

WATER-1 - are you ready to set up meeting, just confirming documents are ready?

BIO-1 and 2 - I am checking with BIO staff on terminology and timing for past year of data

HAZ-2 - do you have materials ready for meeting?

Thanks!

Ann

From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 7/30/2024 8:08:34 PM
To: Becky Moores [becky.moores@intersectpower.com]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - WATER-1 DR discussion

Hi Becky,

I have sent to Water staff and will confirm soon.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Tuesday, July 30, 2024 12:15 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Subject: Darden Clean Energy Project (23-OPT-02) - WATER-1 DR discussion

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

Here is a summary of our discussion with your team yesterday on DR WATER-1.

- IP will provide an updated Table 4 from the response to DR WATER-3 in response set #4 to identify the average and maximum water demand and wastewater generated
- Further clarification will be provided on:
 - The amount of water entering the ZLD system and the amount of sludge or solids that would result and require disposal
 - Storage of the reject water prior ZLD processing and storage of the waste prior to disposal

Let us know if your team requires any additional details based on the conversation.

Thank you,

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(e) becky.moores@intersectpower.com

From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 8/7/2024 1:34:05 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; agreenberg [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b9bfa77aaf044a8ca270ce3bcef10093-9afec475-67]; Paul Miller [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=4d4ce365f8bd442a8cb7d479381e2476-8906af8e-0e]; Fooks, Brett@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=870df74143964b71ada0039bf13c5a9a-Fooks, Bret]
Subject: Darden Clean Energy Project (23-OPT-02) - site visit details

Hi Becky,

I coordinated with Alvin and confirmed it is not necessary to have those specific plot-plans to conduct a site visit since coordination of another site visit date would cause delays in their ability to get out there.

The purpose is to see what's out there in terms of agriculture, fallow fields, types of row crops planted this year (if any), the proposed Option 3 site for the hydrogen facility to the west of the I-5 corridor, as much of the GenTie route as possible, the status of the roads in the area, as much of site Options 1 and 2 as possible, and the locations of off-site homes/other structures.

No soil disturbance or sampling will be conducted.

Paul and Alvin will be meeting on August 19 at 9:00 am at the I-5 offramp to S. Derrick Ave near Nunes Cooling Inc. That company is just a little north of the Option 3 location for the hydrogen facility. After viewing that location, they will proceed north from there to W Harlan Road, Mt. Whitney Ave, to Five Points, north on Lassen, west on Kamm turning back to I-5.

They plan to periodically as appropriate take dirt roads off this route to view the GenTie route at certain locations and Options 1 and 2 locations for the hydrogen facility and BESS, as well as the solar arrays.

If they have a guide, this is all subject to change.

The goal is to start in the SW sector and move to the east and north and end up in the NW sector. They will then depart to I-5.

The goal is to arrive early and complete the visit in 3 hours so that they depart by 12:00 pm.

I will be checking to see if any other staff would join them.

Please let me know if a guide is available from Intersect and/or if the CEC consultants have landowner permission for August 19.

Thanks!

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission

Website: www.energy.ca.gov



From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 8/9/2024 3:10:16 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Darden 23-OPT-02 DR REV-1 Submittal Timing

Hi Becky, I am out of the office today and Monday, but just checked my email... Alvin and Paul still would like to do their site visit on the 19th since schedules can get busy and that day works for them, but I can revisit it next week when I'm back in the office and confirm... I've asked Lisa if she can assist and see if there's any other meetings that are required but otherwise I'll have to schedule the meetings when I'm back in the office on Tuesday.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Friday, August 9, 2024 7:17 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Subject: Darden 23-OPT-02 DR REV-1 Submittal Timing

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

We continue to crank through pulling together all the data request responses including the full site plans that were requested 2 weeks ago, but will not have everything ready to submit by end of next week. We are aiming to have submittals near ready by 8/19 and I think it would be beneficial to schedule a call or two to do screen checks on the items prior to submittal. I know Alvin and Paul were hoping to conduct a site visit on 8/19 but since we won't have the site plans submitted I was wondering if we could pivot to scheduling a call with you and those SMEs, and perhaps Eric and Brett, to look at the site plans in relationship to data requests HAZ-2, PD-1, and your email from 7/26 to ensure we have everything you will need for your analysis.

Are there any other data requests that you or your team think we should revisit based on the results of our calls last week?

Thank you,

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(e) becky.moores@intersectpower.com

From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 8/5/2024 6:11:46 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]
Subject: Darden Clean Energy Project (23-OPT-02) - project description

Hi Becky - just checking in to see if the Project Description in Word, track changes version, would be available soon? Just want to put it on the list once you have it ready.

Thanks!

Ann

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 8/2/2024 6:34:18 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Will Lutkewitte [will.lutkewitte@intersectpower.com]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - question regarding project options

Thanks Becky, I appreciate the update!

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Friday, August 2, 2024 10:20 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Will Lutkewitte <will.lutkewitte@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - question regarding project options

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

ARCHES recently executed their Award Agreement with the DOE and they are now releasing the draft Subrecipient Agreements to each Partner for project-specific final changes. Partners, including Intersect Power, have begun compiling the first phase of deliverables to continue on through the development process. A news announcement was posted on the ARCHES website a few weeks ago as well. <https://archesh2.org/arches-officially-launches/>

(Apologies for completely missing your email from last month asking for an update!)

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Thu, Aug 1, 2024 at 3:42 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

It's been awhile since we had an ARCHES update. This is the last substantial update in my emails...are there any updates from Intersect?

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Friday, November 17, 2023 5:06 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: RE: Darden Clean Energy Project (23-OPT-02) - question regarding project options

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Ann,

Thanks for the outreach to clarify these details. Answers below.

- Project Component Locations – Please have your team evaluate all options presented for the step-up substation, BESS, and hydrogen facility (Option 1, Option 2, and Alternate Hydrogen Location). Our application materials present analysis for all three locations.
- Brine Disposal – at this time we are focusing on the zero liquid discharge option so you can focus your review for that one option.
- ARCHES – getting clarity on the final ARCHES plan is not a dependency for advancing Darden H2 permitting and planning. The timing of ARCHES clarity will lag Darden's timeframe to be reviewed and deemed complete, but we have very high conviction that we will build H2 at this site, across a number of potential outcomes on the details of ARCHES. We are under a strict NDA with ARCHES but my executives have provided these points for a bit more clarity:
 - Intersect Power was identified as a Tier 1 project.
 - A Tier 1 project is one that has been allocated specific funds as part of the ARCHES proposal, while Tier 2 are projects that are part of the hub but will not be getting funds.
 - Final funding allocations have not yet been announced.
 - ARCHES's intention is to formalize both Tier 1 and Tier 2 projects collectively under the ARCHES hub even if not getting federal funds.
 - ARCHES has explicitly stated that they do not anticipate that any projects will fall out during final negotiations with the DOE.

Thank you,

Becky Moores
 Director, Environmental & Permitting
 INTERSECT POWER
 (c) 303.919.6735
 (e) becky.moores@intersectpower.com

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Thursday, November 16, 2023 1:44 PM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Lindsey Sarquilla (Rincon) <lsarquilla@rinconconsultants.com>; Marisa Mitchell <marisa@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Darden Clean Energy Project (23-OPT-02) - question regarding project options

Hi Becky,

Staff is currently completing Data Completeness review. Under the project description section it discusses that there are two locations (Option 1 and 2 sites) being considered for the step-up substation and associated transmission lines, two locations (Option 1 and Option 2 sites) being considered for the BESS, and three locations being considered for the green hydrogen facility (Option 1 and Option 2 sites located within the solar facility and a 100 acre site west of Interstate 5).

For the purposes of review of the application and development of the project description we have the following questions:

- Can you confirm you wish staff to evaluate each of the options for the step-up substation, BESS, and green hydrogen facility as part of certification of the proposed project?
- It would appear that consideration of the hydrogen facility would be affected by Intersect being awarded funding under ARCHES. Is this correct? Have you been notified if you were successful in your efforts?

The Water Resources section notes that "Several options for brine disposal are currently being considered, including disposal via deep injection well, disposal by discharge to land, incorporating a zero-liquid discharge system that would produce solid waste for disposal, among others." Can you confirm you wish staff to evaluate all of these options for brine disposal? Also, what do you mean by "among others"?

Two of the three options require submitting applications for two different permits, the deep injection well option would require a permit from CalGEM (UIC permit) and the disposal via the discharge to land option would require a permit from the Water Board.

We want to make sure we don't have staff spending time on something that will not be part of the project for certification. We are fine with analyzing options, we just want to be clear on what we are to analyze.

Thank you for your confirmation of these details.

Ann

Ann Crisp

Senior Environmental Planner
Siting, Transmission & Environmental Protection Division
California Energy Commission
715 P Street
Sacramento, CA 95814
Direct: (916) 776-7975
Fax: (916) 651-8868



From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 8/16/2024 9:26:02 PM
To: Trevor [Trevor.Pratt@cpuc.ca.gov]; Jack M. [jack.mulligan@cpuc.ca.gov]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Tommy [Tommy.Alexander@cpuc.ca.gov]; Ackerman, James@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3cc35de240cf4253af9cc7d3d2cbb643-Ackerman, J]; Abulaban, Abdel-Karim@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c1ff1d38281a4068b2708271d22c0d94-Abulaban, A]; Hughes, Joseph@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7dd5e80572b644209e9607ba7bdc630-Hughes, Jos]; Khoshmashrab, Shahab@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=debfeb665b7a45629f72eae824bce58-Khoshmashra]; Michelle [Michelle.Wilson@cpuc.ca.gov]
CC: Fooks, Brett@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=870df74143964b71ada0039bf13c5a9a-Fooks, Bret]; White, Adam@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d64512c47c48429dbdcf6845422b6bd1-74f7464f-8c]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CPUC and CEC GEO Discussion

Hi Michelle,

Thanks for the productive meeting last month. We wanted to thank you for communicating your concerns regarding the subsidence issues in the project region. Our engineers will address the issue in their analysis. If you would like to coordinate further or have additional concerns please let me know.

Thanks!

Ann

Ann Crisp
 Senior Environmental Planner
 Siting and Environmental Branch
 Siting, Transmission and Environmental Protection Division
 1-916-352-0543

California Energy Commission
 Website: www.energy.ca.gov



From: Crisp, Ann@Energy
Sent: Friday, July 19, 2024 6:57 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Trevor <Trevor.Pratt@cpuc.ca.gov>; Jack M. <jack.mulligan@cpuc.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Tommy <Tommy.Alexander@cpuc.ca.gov>; Ackerman, James@Energy <james.ackerman@energy.ca.gov>; Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>; Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>; Khoshmashrab, Shahab@Energy <Shahab.Khoshmashrab@energy.ca.gov>; Michelle <Michelle.Wilson@cpuc.ca.gov>

Cc: Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>; White, Adam@Energy <Adam.White@energy.ca.gov>; Longman, Renee@Energy <Renee.Longman@Energy.ca.gov>
Subject: Darden Clean Energy Project (23-OPT-02) - CPUC and CEC GEO Discussion
When: Wednesday, July 24, 2024 9:00 AM-10:00 AM.
Where: Microsoft Teams Meeting

Hi all - please join for a CPUC and CEC meeting to further discuss the Darden Clean Energy Project and the following topics:

- 1) engineering feasibility as it relates to regional subsidence
- 2) potential hazards related to storage of hydrogen

If CPUC has additional topics to cover please let me know.

Thanks!

Ann

Microsoft Teams [Need help?](#)

Join the meeting now

Meeting ID: 238 082 343 751

Passcode: kWqn3p

Dial in by phone

[+1 916-562-1816,,64596301#](#) United States, Sacramento

[Find a local number](#)

Phone conference ID: 645 963 01#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

From: Dr. Alvin Greenberg [agreenberg@risksci.com]
Sent: 8/17/2024 12:51:21 AM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Paul Miller [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=4d4ce365f8bd442a8cb7d479381e2476-8906af8e-0e]; Marisa Mitchell [marisa@intersectpower.com]; Will Lutkewitte [will.lutkewitte@intersectpower.com]; Fooks, Brett@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=870df74143964b71ada0039bf13c5a9a-Fooks, Bret]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - site visit details

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Becky,

I am sure you understand that we must follow the direction of Energy Commission legal counsel. So we will not violate any private land. Given this, I prefer to NOT have your representative Marrisa present as we will be able to make better use of our time without her presence. Please inform her of our decision.

Thank you for your understanding.

-Alvin

Dr. Alvin Greenberg
 Risk Science Associates
 37 Mt. Whitney Dr.
 San Rafael, CA 94903
 415-472-6056
 cell 415-302-0438

On Fri, Aug 16, 2024 at 5:14 PM Becky Moores <becky.moores@intersectpower.com> wrote:
 Alvin and Paul,

If you will not be signing the waivers we cannot accommodate access to the Westlands Water District Parcels where the entirety of the PV will be located, as there are no public ROWs along those parcels. The only public roadways adjacent to the PV parcels are S Sonoma Avenue (red in image below) and W Mt Whitney Avenue (yellow in image below). You will be able to see the Option 2 facility locations along Sonoma Ave, but you will not be able to access the Option 1 facility locations.



Becky Moores
INTERSECT POWER
(c) becky.moores@intersectpower.com

On Fri, Aug 16, 2024 at 5:42 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Hi Becky,

Staff has been advised to not sign the waiver and not to access any private property during the site visit. Alvin and Paul will take pictures on Monday from the public road. Please let me know if you have any questions.

I will leave it to Alvin and Paul to coordinate with Marissa if that will work with their schedule.

Thanks,

Ann

From: Becky Moores <becky.moores@intersectpower.com>

Sent: Friday, August 16, 2024 3:12 PM

To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Paul Miller <pmiller@therchgroup.com>; agreenberg <agreenberg@risksci.com>; Marisa Mitchell <marisa@intersectpower.com>

Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>;

Knight, Eric@Energy <Eric.Knight@energy.ca.gov>

Subject: Re: Darden Clean Energy Project (23-OPT-02) - site visit details

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Ann, Alvin, and Paul,

I am looping in Marisa Mitchell who is arranging to be available on Monday to meet on site.
Marisa - a few details are available in the email thread below.

I have attached a .kml file that can be imported into the Google Earth phone app.
I would recommend meeting just off the highway near Nunes Cooling along S Derrick Ave at this location:
36.428570, -120.393621
Be aware there are no public facilities or restrooms at this exit or anywhere near the project area.

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Fri, Aug 16, 2024 at 12:02 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Hi Will,

Thanks for confirming the time for WEAP training. We are reviewing the waiver internally and will respond soon.

Thanks,

Ann

From: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Sent: Friday, August 16, 2024 10:03 AM
To: Paul Miller <pmiller@therchgroup.com>; agreenberg <agreenberg@risksci.com>
Cc: Becky Moores <becky.moores@intersectpower.com>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - site visit details

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Paul and Alvin,

I see you are set for the WEAP training at 11 AM this morning. I wanted to follow-up with you both to confirm that you received the site access waiver that our legal team sent to you yesterday? If you could please fill those out and return to them at your earliest convenience, that would be much appreciated. Thank you!

Sincerely,

Will Lutkewitte
Specialist, Environmental & Permitting
INTERSECT POWER

(e) will.lutkewitte@intersectpower.com

On Wed, Aug 14, 2024 at 4:07 PM Paul Miller <pmiller@therchgroup.com> wrote:

Thurs 9:30-10:15

Thurs 2-3

Friday anytime

Get [Outlook for iOS](#)

From: Dr. Alvin Greenberg <agreenberg@risksci.com>

Sent: Wednesday, August 14, 2024 11:59:28 AM

To: Becky Moores <becky.moores@intersectpower.com>

Cc: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Will Lutkewitte <will.lutkewitte@intersectpower.com>; Paul Miller <pmiller@therchgroup.com>; Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>

Subject: Re: Darden Clean Energy Project (23-OPT-02) - site visit details

Hi Becky,

Sorry you won't be able to have someone accompany us on August 19. However, Paul and I are very experienced and we will do OK.

I am available for training on Thursday 8/15 at the following times: 8:30 am - 10:15 am and Noon to 5:00 pm.

On Friday 8/16, I am available all day **except** at lunch time 11:45 am to 1:15 pm.

Regards,

Alvin

Dr. Alvin Greenberg
Risk Science Associates
37 Mt. Whitney Dr.
San Rafael, CA 94903
415-472-6056
cell 415-302-0438

On Wed, Aug 14, 2024 at 11:53 AM Becky Moores <becky.moores@intersectpower.com> wrote:

Hello Alvin and Paul,

We would like to present our environmental awareness training to you both and need about 15 minutes of your time to do so, can you send me your availability tomorrow and Friday and we can work with Rincon to schedule something. We are also working with our legal team to get a site access agreement over to you for signature.

Unfortunately we do not have anyone available to accompany you on the visit on Monday.

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Wed, Aug 7, 2024 at 9:00 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Hi Becky,

I coordinated with Alvin and confirmed it is not necessary to have those specific plot-plans to conduct a site visit since coordination of another site visit date would cause delays in their ability to get out there.

The purpose is to see what's out there in terms of agriculture, fallow fields, types of row crops planted this year (if any), the proposed Option 3 site for the hydrogen facility to the west of the I-5 corridor, as much of the GenTie route as possible, the status of the roads in the area, as much of site Options 1 and 2 as possible, and the locations of off-site homes/other structures.

No soil disturbance or sampling will be conducted.

Paul and Alvin will be meeting on August 19 at 9:00 am at the I-5 offramp to S. Derrick Ave near Nunes Cooling Inc. That company is just a little north of the Option 3 location for the hydrogen facility. After viewing that location, they will proceed north from there to W Harlan Road, Mt. Whitney Ave, to Five Points, north on Lassen, west on Kamm turning back to I-5.

They plan to periodically as appropriate take dirt roads off this route to view the GenTie route at certain locations and Options 1 and 2 locations for the hydrogen facility and BESS, as well as the solar arrays.

If they have a guide, this is all subject to change.

The goal is to start in the SW sector and move to the east and north and end up in the NW sector. They will then depart to I-5.

The goal is to arrive early and complete the visit in 3 hours so that they depart by 12:00 pm.

I will be checking to see if any other staff would join them.

Please let me know if a guide is available from Intersect and/or if the CEC consultants have landowner permission for August 19.

Thanks!

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov



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From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 8/13/2024 3:59:02 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]
Subject: Re: Darden 23-OPT-02 DR REV-1 Submittal Timing

Hi Becky - is there a particular part of the site plans that you need clarification on before submittal? We cannot say definitively that the DRR is complete until you file and we review.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Friday, August 9, 2024 7:17 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Subject: Darden 23-OPT-02 DR REV-1 Submittal Timing

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

We continue to crank through pulling together all the data request responses including the full site plans that were requested 2 weeks ago, but will not have everything ready to submit by end of next week. We are aiming to have submittals near ready by 8/19 and I think it would be beneficial to schedule a call or two to do screen checks on the items prior to submittal. I know Alvin and Paul were hoping to conduct a site visit on 8/19 but since we won't have the site plans submitted I was wondering if we could pivot to scheduling a call with you and those SMEs, and perhaps Eric and Brett, to look at the site plans in relationship to data requests HAZ-2, PD-1, and your email from 7/26 to ensure we have everything you will need for your analysis.

Are there any other data requests that you or your team think we should revisit based on the results of our calls last week?

Thank you,

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(e) becky.moores@intersectpower.com