

DOCKETED

Docket Number:	23-OPT-02
Project Title:	Darden Clean Energy Project
TN #:	261572
Document Title:	Report of Conversation with San Joaquin Valley Air Pollution Control District- Draft Authority to Construct
Description:	Received via email December 23, 2024
Filer:	Lisa Worrall
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	2/6/2025 10:53:25 AM
Docketed Date:	2/6/2025



Siting, Transmission and Environmental Protection Division

FILE: Darden Draft ATC (PDF)

PROJECT TITLE: DCEP **Docket: 23-OPT-02**

TECHNICAL AREA(s): Air Quality			
<input type="checkbox"/> Telephone	<input checked="" type="checkbox"/> Email	<input type="checkbox"/> Meeting Location:	
NAME(s):	Jacquelyn Record, Air Resources Engineer	DATE:	12/23/2024
TIME:	9:32 am		
WITH:	San Joaquin Valley Air Pollution Control District (SJVAPCD) Zeferino Aleman, Air Quality Engineer		
SUBJECT:	Draft Authority to Construct (ATC)		

COMMENTS:

The California Energy Commission’s (CEC’s) jurisdiction and in lieu authority is set forth in Public Resources Code section 25545.1 (b) (1), “*issuance of a certificate by the commission for a site and related facility pursuant to this chapter shall be in lieu of any permit, certificate, or similar document required by any state, local, or regional agency, or federal agency*”. Pursuant to this authority, any local air quality permit conditions that would have been issued from the SJVAPCD are to be considered for incorporation into the CEC’s certification.

The SJVAPCD emailed CEC staff the recommended permit conditions for the Darden Clean Energy Project (DCEP). The recommendations were in the form of a draft Authority to Construct (ATC) containing conditions for the project’s three liquid petroleum gasoline (LPG) backup generators. These conditions will be included in the Air Quality section of the CEC’s Staff Assessment (which includes an Environmental Impact Report) and recommended conditions of certification for the project.

Attachment: Draft Authority to Construct

CC:	Signed: _____ s _____ Name: Jacquelyn Record
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AUTHORITY TO CONSTRUCT

ISSUANCE DATE: DRAFT

PERMIT NO: C-10306-1-0

LEGAL OWNER OR OPERATOR: IP DARDEN I, LLC AND AFFILIATES
MAILING ADDRESS: FRESNO COUNTY
CANTUA CREEK, CA 93608

LOCATION: FRESNO COUNTY
CANTUA CREEK, CA 93608

EQUIPMENT DESCRIPTION:

230.12 BHP (INTERMITTENT) PSI MODEL 8.8L RICH-BURN LPG/PROPANE-FIRED EMERGENCY STANDBY IC ENGINE (OR DISTRICT APPROVED EQUIVALENT) WITH NON-SELECTIVE CATALYTIC REDUCTION (NSCR) POWERING AN ELECTRICAL GENERATOR

CONDITIONS

1. The permittee shall obtain written District approval for the use of any equivalent equipment not specifically approved by this Authority to Construct. Approval of the equivalent equipment shall be made only after the District's determination that the submitted design and performance of the proposed alternate equipment is equivalent to the specifically authorized equipment. [District Rule 2201]
2. The permittee's request for approval of equivalent equipment shall include the make, model, manufacturer's maximum rating, manufacturer's guaranteed emission rates, equipment drawing(s), and operational characteristics/parameters. [District Rule 2010]
3. Alternate equipment shall be of the same class and category of source as the equipment authorized by this Authority to Construct. [District Rule 2201]
4. No emission factor and no emission shall be greater for the alternate equipment than for the proposed equipment. No changes in the hours of operation, operating rate, throughput, or firing rate may be authorized for any alternate equipment. [District Rule 2201]
5. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
6. {14} Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO

Brian Clements, Director of Permit Services

C-10306-1-0 : Dec 23 2024 9:15AM -- ALEMANZ : Joint Inspection NOT Required

7. {15} No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
8. {3404} This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702]
9. This IC engine shall be equipped with a three-way catalyst. [District Rule 2201]
10. This IC engine shall be fired on LPG/propane gas only. [District Rules 2201 and 4801]
11. Emissions from this IC engine shall not exceed any of the following limits: 0.014 g-NO_x/bhp-hr, 0.054 g-SOX/bhp-hr, 0.064 g-PM₁₀/bhp-hr, 0.97 g-CO/bhp-hr, or 0.021 g-VOC/bhp-hr. [District Rule 2201]
12. {3405} This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702]
13. {3478} During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
14. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per calendar year. [District Rules 2201, 4102, and 4702]
15. {4985} An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702]
16. {4986} This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702]
17. {4987} The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702]
18. {3498} All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. For units at unstaffed sites or operated remotely, records may be maintained and retained at a District-approved off-site location. [District Rule 4702]

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AUTHORITY TO CONSTRUCT

ISSUANCE DATE: DRAFT

PERMIT NO: C-10306-2-0

LEGAL OWNER OR OPERATOR: IP DARDEN I, LLC AND AFFILIATES

MAILING ADDRESS: FRESNO COUNTY
CANTUA CREEK, CA 93608

LOCATION: FRESNO COUNTY
CANTUA CREEK, CA 93608

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5. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
6. {14} Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]

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Brian Clements, Director of Permit Services

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8. {3404} This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702]
9. This IC engine shall be equipped with a three-way catalyst. [District Rule 2201]
10. This IC engine shall be fired on LPG/propane gas only. [District Rules 2201 and 4801]
11. Emissions from this IC engine shall not exceed any of the following limits: 0.014 g-NOx/bhp-hr, 0.054 g-SOx/bhp-hr, 0.064 g-PM10/bhp-hr, 0.97 g-CO/bhp-hr, or 0.021 g-VOC/bhp-hr. [District Rule 2201]
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AUTHORITY TO CONSTRUCT

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CANTUA CREEK, CA 93608

LOCATION:

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