DOCKETED	
Docket Number:	17-IEPR-02
Project Title:	Electricity Resource/ Supply Plans
TN #:	217535
<b>Document Title:</b>	Anaheim Supply Forms - Public Version
Description:	N/A
Filer:	Mei Pan
Organization:	City of Anaheim
Submitter Role:	Public Agency
Submission Date:	5/10/2017 3:45:08 PM
Docketed Date:	5/10/2017

### State of California California Energy Commission ELECTRICITY RESOURCE PLANNING FORMS Administrative Information (issued 12/2016)

Name of Load Serving Entity ("LSE") Name of Resource Planning Coordinator LSE Name on Admin Tab

#### **Persons who prepared Supply Forms** Name:

Title:

Name: Title: E-mail: Telephone: Address: Address 2: City: State: Zip:

E-mail: Telephone: Address: Address 2: City: State: Zip: Date Completed: Date Updated by LSE:

y Forms	S-1 CRATS	S-2 Energy Balance	S-3 Small POU Hourly Loads	S-5 Bilateral Contracts	Application for
	Tiana Marmitt	Tiana Marmitt		Abby Semblantes	Mei Pan
	Integrated Resources Planner	Integrated Resources Planner		Integrated Resources Planner	Integrated Resources Planner II
	TBaldwin@anaheim.net	TBaldwin@anaheim.net	Does not	asemblantes@anaheim.net	mpan@anaheim.net
	714-765-4457	714-765-4457	DUES HOL	714-765-4941	714-765-4132
	201 S. Anaheim Blvd.	201 S. Anaheim Blvd.	apply to	201 S. Anaheim Blvd.	201 S. Anaheim Blvd.
	Suite #802	Suite #802	apply to	Suite #802	Suite #802
	Anaheim	Anaheim	Anaheim	Anaheim	Anaheim
	CA	CA	Ananeim	CA	CA
	92805	92805		92805	92805
	4/20/2017	4/20/2017		4/20/2017	4/20/2017
	4/20/2017	4/20/2017		4/20/2017	4/20/2017

# Back-up / Additional Contact Persons for Questions about these Forms (Optional):

Mei Pan	Mei Pan		Mei Pan	Mei Pan
Integrated Resources Planner II	Integrated Resources Planner II	Does not	Integrated Resources Planner II	Integrated Resources Planner I
mpan@anaheim.net	mpan@anaheim.net		mpan@anaheim.net	mpan@anaheim.net
714-765-4132	714-765-4132	apply to	714-765-4132	714-765-4133
201 S. Anaheim Blvd.	201 S. Anaheim Blvd.		201 S. Anaheim Blvd.	201 S. Anaheim Blvd.
Suite #802	Suite #802	Anaheim	Suite #802	Suite #802
Anaheim	Anaheim		Anaheim	Anaheim
CA	CA		CA	CA
92805	92805		92805	92805



State of California California Energy Commission ELECTRICITY RESOURCE PLANNING FORMS **CEC Form S-1: Capacity Resource Accounting Table** (issued 12/2016)

Where cell specifies more than one datum, separate data with a



LSE Name on Admin Tab

2018 MW numbers are illustrative.

Yellow fill relates to an application for confidentiality.

Bold font cells sum automatically.

Data input by User are in dark green font.

	semicolon.				Bold font co	ells sum aut	omatically.		Data input b	by User are in	1 dark green	font.	
line	Capacity Resource Accounting Table (MW)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
	PEAK LOAD CALCULATIONS	(↓ Actual Su	pply↓)	(Forecast Su	ıpply ⇒ )								
1	Forecast Total Peak-Hour 1-in-2 Demand	590	570	573	557	553	551	549	547	545	543	541	542
2a	ESP Demand: Existing Customer Contracts			L ł						L ł			
2b	ESP Demand: New and Renewed Contracts												
2c	ESP Demand in PG&E service area			DO	DES NC	Τ ΔΡΡ	ΝΥΤΟ	ΔΝΔ	HFIM				
2d	ESP Demand in SCE service area												
2e	ESP Demand in SDG&E service area												
3	Additional Achievable Energy Efficiency (-)	(6)	(9)	(9)	(9)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)
4	Demand Response / Interruptible Programs (-)	0	0	0	0	0	0	0	0	0	0	0	0
5	Adjusted Demand: End-Use Customers	584	561	563	548	546	544	542	540	538	536	534	535
6	Coincidence Adjustment (-)	0	0	0	0	0	0	0	0	0	0	0	0
7	Coincident Peak-Hour Demand	584	561	563	548	546	544	542	540	538	536	534	535
8	Required Planning Reserve Margin	88	84	84	82	82	82	81	81	81	80	80	80
9	Credit for Imports That Carry Reserves (-)	0	0	0	0	0	0	0	0	0	0	0	0
10	Firm Sales Obligations	0	0	0	0	0	0	0	0	0	0	0	0
11	Firm LSE Procurement Requirement	672	645	648	630	628	626	624	621	619	617	614	616
						-							
	CAPACITY SUPPLY RESOURCES												
12a	Total Fossil Fuel Supply	633	633	633	583	583	583	583	583	583	583	540	540
12b	IPP1 [coal: Intermountain Power Plant Unit 1]	118	118	118	118	118	118	118	118	118	118	118	118
12c	IPP2 [coal: Intermountain Power Plant Unit 2]	118	118	118	118	118	118	118	118	118	118	118	118
12d	SJ4 [coal: San Juan Unit 4]	50	50	50	0	0	0	0	0	0	0	0	0
12e	CPP [natural gas: Canyon Power Project]	195	195	195	195	195	195	195	195	195	195	195	195
12f	MPP [natural gas: Magnolia]	109	109	109	109	109	109	109	109	109	109	109	109
12g	CTG [natural gas: Anaheim CTG]	43	43	43	43	43	43	43	43	43	43	0	0
13a	Total Nuclear Supply	0	0	0	0	0	0	0	0	0	0	0	0
13b	[Nuclear Unit 1]	0	0	0	0	0	0	0	0	0	0	0	0
13c	[Nuclear Unit 2]	0	0	0	0	0	0	0	0	0	0	0	0
14a	Total Hydroelectric Supply	50	50	50	50	50	50	50	50	50	40	40	40
14b	Total: Hydro Supply from Plants larger than 30 MW (Hoover)	40	40	40	40	40	40	40	40	40	40	40	40
14c	Total: Hydro Supply from Plants 30 MW or less (MWD Hydro;												
	Perris, Rio Hondo, Coyote Creek, Valley View)	10	10	10	10	10	10	10	10	10	0	0	0
15a	Total Utility-Controlled Renewable Supply	0	0	0	0	0	0	0	0	0	0	0	0
17a	Total Qualifying Facility (QF) Contract Supply	0	0	0	0	0	0	0	0	0	0	0	0
17b	Biofuels												
17c	Geothermal												
17d	Small Hydro												
17e	Solar												
17f	Wind												
17g	Natural Gas												

line	Capacity Resource Accounting Table (MW)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
17h	Other												
line	Capacity Resource Accounting Table (MW)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
18a	Total Renewable Contract Supply	58	78	78	78	78	78	78	78	78	78	78	68
<u>18b</u>	Renewable DG Supply	0	0	0	0	0	0	0	0	0	0	0	0
18e	Biomethane; Brea Power Partners, L.P. and Brea Power II, LLC	27	27	27	27	27	27	27	27	27	27	27	27
18f	Biomethane, Bowerman Power LFG, LLC	0	20	20	20	20	20	20	20	20	20	20	20
18i	Solar; Westside Assets, LLC	0	0	0	0	0	0	0	0	0	0	0	0
18j	Biomethane; Anaheim Energy, LLC	0	0	0	0	0	0	0	0	0	0	0	0
19a	Total Other Bilateral Contract Supply	0	0	0	0	0	0	0	0	0	0	0	0
19b	Non-Renewable DG Supply												
19c	[state fuel if known; then name Other Bilateral Contract 1												
170	(Supplier Name)]												
19d	[state fuel; then list each resource, e.g. Natural Gas: Other												
190	Bilateral Contract 2 (Supplier Name)]												
19e	[Portfolio: Other Bilateral Contract 3 (Supplier Name)]												
19f	[System: Other Bilateral Contract N (Supplier Name)]												
19n	Planned Resources: list each on lines inserted below this line.												
20	Short-Term and Spot Market Purchases (and Sales)												
							I					I	
	CAPACITY BALANCE SUMMARY												
21	Total: Existing and Planned Supply	741	761	761	711	711	711	711	711	711	701	658	648
22	Firm LSE Procurement Requirement	672	645	648	630	628	626	624	621	619	617	614	616
23	Net Surplus (or Need)	69	116	113	80	82	84	87	89	92	84	44	32
24	Generic Renewable Supply	0	0	0	0	0	0	0	0	0	0	0	0
25	Generic Non-Renewable Resources	0	0	0	0	0	0	0	0	0	0	0	0
26	Specified Planning Reserve Margin	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%

		MW	MW
line	Historic LSE Peak Load:	Year 2015	Year 2016
27	Annual Peak Load / Actual Metered Deliveries	584.0	535.0
28	Date of Peak Load for Annual Peak Deliveries	9/9/15	9/26/16
29	Hour Ending (HE) for Annual Peak Deliveries	15	15
30	Interruptible Load called on during that hour (+)	0.0	0.0
31	Self-Generation and DG Adjustments	0.0	0.0
32	Adjustments for Major Outages	0.0	0.0
33	Adjusted Annual Peak Load	584.0	535.0

#### Lines Notes

Х	Grey area: Anaheim does not have projects in this category
18j	Due to ongoing negotiations between APU and Anaheim Energy,
16J	LLC, APU does not have a current estimate of capacity.
23	APU does not sell it's excess capacity at this time.
12-18	Only actual dependable capacity is liste, which may be smaller
12-18	than the capacity in the contract (S-5 Table).

#### State of California California Energy Commission ELECTRICITY RESOURCE PLANNING FORMS CEC Form S-2: Energy Balance Table (issued 12/2016)



LSE Name on Admin Tab

semicolon.

2018 GWh numbers are illustrative.

Yellow fill matches an application for confidentiality.

Where cell specifies more than one datum, separate data with a

Bold font cells sum automatically.

Data input by User are in dark green font.

line	Energy Balance Table (GWh)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
	ENERGY DEMAND CALCULATIONS	(↓ Actual S	upply↓)	(Forecast Su	ıpply ⇔ )								
1	Forecast Total Energy Demand / Consumption	2,545	2,477	2,539	2,463	2,442	2,431	2,420	2,409	2,399	2,388	2,377	2,383
2a	ESP Demand: Existing Customer Contracts												
2b	ESP Demand: New and Renewed Contracts												
2c	ESP Demand in PG&E service area												
2d	ESP Demand in SCE service area												
2e	ESP Demand in SDG&E service area												
3	Additional Achievable Energy Efficiency (-)	(32)	(29)	(29)	(29)	(17)	(17)	(16)	(16)	(16)	(16)	(16)	(16)
4	Demand Response / Interruptible Programs (-)	0	0	0	0	0	0	0	0	0	0	0	0
5	Adjusted Demand: End-Use Customers	2,513	2,447	2,509	2,434	2,425	2,415	2,404	2,394	2,383	2,372	2,362	2,367
6	Coincidence Adjustment [does not apply to S-2 form]												
7	Coincident Peak-Hour Demand [does not apply to S-2]												
8	Required Planning Reserve [does not apply to S-2]												
9	Credit for Imports That Carry Reserves [does not apply]												
10	Firm Sales Obligations												
11	Firm LSE Procurement Requirement	2,513	2,447	2,509	2,434	2,425	2,415	2,404	2,394	2,383	2,372	2,362	2,367
	ENERGY SUPPLY RESOURCES												
12a	Total Fossil Fuel Supply	2,379	2,227	2,212	1,958	2,017	1,926	1,869	1,960	1,920	1,921	1,835	1,890
12b	IPP1 [coal: Intermountain Power Plant Unit 1]	622	535	596	532	602	520	574	541	559	523	569	528
12c	IPP2 [coal: Intermountain Power Plant Unit 2]	622	535	540	557	548	548	525	567	514	553	521	557
12d	SJ4 [coal: San Juan Unit 4]	258	320	298	0	0	0	0	0	0	0	0	0
12e	CPP [natural gas: Canyon Power Project]	96	124	102	111	111	103	94	102	100	96	101	95
12f	MPP [natural gas: Magnolia]	726	674	632	711	711	712	637	711	711	715	638	710
12g	CTG [natural gas: Anaheim CTG]	56	39	45	48	45	41	39	38	36	34	7	0
13a	Total Nuclear Supply	0	0	0	0	0	0	0	0	0	0	0	0
13b	[Nuclear Unit 1]	0	0	0	0	0	0	0	0	0	0	0	0
13c	[Nuclear Unit 2]	0	0	0	0	0	0	0	0	0	0	0	0
14a	Total Hydroelectric Supply	55	54	52	52	52	52	52	52	52	38	38	38
14b	Total: Hydro Supply from Plants larger than 30 MW (Hoover)	42	40	38	38	38	38	38	38	38	38	38	38
14c	Total: Hydro Supply from Plants 30 MW or less (MWD Hydro;	13	14	14	14	14	14	14	14	14	0	0	0
140	Perris, Rio Hondo, Coyote Creek, Valley View)	15	14	14	14	14	14	14	14	14	0	0	U
15a	Total Utility-Controlled Renewable Supply	0	0	0	0	0	0	0	0	0	0	0	0
17a	Total Qualifying Facility (QF) Contract Supply	0	0	0	0	0	0	0	0	0	0	0	0
17b	Biofuels												
17c	Geothermal												
17d	Small Hydro												
17e	Solar												
17f	Wind												
17g	Natural Gas												
17h	Other												
line	Energy Balance Table (GWh)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026

line	Energy Balance Table (GWh)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
18a	Total Renewable Contract Supply	720	868	678	678	678	680	678	678	638	600	565	527
18b	Renewable DG Supply						1						
18e	Biomethane; Brea Power Partners, L.P. and Brea Power II, LLC	210	217	217	217	217	217	217	217	217	217	217	217
18f	Biomethane, Bowerman Power LFG, LLC	0	1 <u>16</u>	1 <u>60</u>	1 <u>60</u>	160	1 <u>60</u>	1 <u>60</u>	1 <u>60</u>	160	1 <u>60</u>	1 <u>60</u>	1 <u>60</u>
18i	Solar; Westside Assets, LLC	0	0	4	4	4	4	4	4	4	4	4	4
18j	Biomethane; Anaheim Energy, LLC	0	0	0	0	0	0	0	0	0	0	0	0
18k	Wind; San Gorgonio	81	89	80	80	80	80	80	80	40	0	0	0
181	Noble	152	153	0	0	0	0	0	0	0	0	0	0
18m	Idaho Power	83	0	0	0	0	0	0	0	0	0	0	0
18n	PacifiCorp	0	88	0	0	0	0	0	0	0	0	0	0
19a	Total Other Bilateral Contract Supply	0	0	0	0	0	0	0	0	0	0	0	0
19b	Non-Renewable DG Supply												
19c	[state fuel if known; then name Other Bilateral Contract 1]												
19d	[state fuel; then list each resource, e.g. Natural Gas: Other												
174	Bilateral Contract 2 (Supplier Name)]												
19e	[Portfolio: Other Bilateral Contract 3 (Supplier Name)]												
19f	[System: Other Bilateral Contract N (Supplier Name)]												
19n	Planned Resources: list each on lines inserted below this line.												
20	Short Term and Spot Market Purchases (and Sales)	(640)	(702)	(434)	(174)	(242)	(162)	(114)	(216)	(187)	(186)	(77)	(88)
	ENERGY BALANCE SUMMARY												

	ENERGY BALANCE SUMMARY												
21	Total: Existing and Planned Resources	2,513	2,447	2,509	2,515	2,505	2,495	2,484	2,474	2,423	2,372	2,362	2,367
22	Firm LSE Procurement Requirement	2,513	2,447	2,509	2,434	2,425	2,415	2,404	2,394	2,383	2,372	2,362	2,367
23	Net Surplus (or Need)	0	0	0	81	80	80	80	80	40	0	(0)	0
24	Generic Renewable Supply			140	169	171	241	183	236	250	341	371	430
25	Generic Non-Renewable Supply			0	0	0	0	0	0	0	0	0	0

line	Notes
х	Grey area: Anaheim does not have projects in this category
1	This is total load as recoreded at Lewis Substation and includes
1	distribution losses. It is not retail sales.
12-	Both IPP units (1 and 2) are included in IPP 1 for years 2015 and
12c	2016
	Due to ongoing negotiations between APU and Anaheim Energy,
18j	LLC, APU does not have a current estimate of energy to be
	delivered.
	APU has identified the need to procure the listed additional
24	renewable resources to meet compliance standards. Project and
24	location are currently unknown. Such renewable procurement
	may not have capacity attributes.

## State of California California Energy Commission ELECTRICITY RESOURCE PLANNING FORMS CEC Form S-3: 2016 SMALL POU HOURLY LOADS (issued 12/2016)



LSE Name on Admin Tab

For Publicly Owned LSEs with Annual Peak Loads under 200 MW not submitting demand forms Scheduling coordinators reporting load for multiple LSEs should report load for each entity separately.

Report actual hourly demand in calendar year 2016, in megawatts, for each hour of each day.

Add rows to report all 8,784 hours in 2016 (including February 29).

Begin with the hour that ended at 1 a.m. on January 1, 2016.

Show the load measured at the balancing authority load take-out point (or points).

Add columns for any additional metered take-out points.

The time basis should be Pacific Standard Time (PST) throughout the entire year.

Scheduling Coordinators should report demand for each utility within a SCID separately.

Note: This form is a truncated version for printing and review purposes.

Date (PST)	Hour Ending (PST)	Recorded Demand at Take Out (MW)
1/1/2016	1	100
1/1/2016	2	
1/1/2016	3	
1/1/2016	4	
1/1/2016	5	
1/1/2016	6	
1/1/2016	7	
1/1/2016	8	
1/1/2016	14	
1/1/2016	15	
1/1/2016	16	
1/1/2016	17	
1/1/2016	18	
1/1/2016	19	
1/1/2010		
1/1/2016	20	
1/1/2016	20 21	
1/1/2016	21	

Total MWh	100
Maximum	100
Average	100
Minimum	100

State of California
California Energy Commission
ELECTRICITY RESOURCE PLANNING FORMS
CEC Form S-5: Bilateral Contracts Table (issued 12/2016)
Do not delete any rows or columns or change headers.
LSE Name on Admin Tab



Where cell specifies more than one datum, separate data with a semicolon.				Yellow pattern cells are																			
S-1 and S- 2 line	Contract Name:	Supplier / Seller:	Unit Contingent / LD Contract:	Generating Unit(s) Specified	Plant/Unit Identifier- CAISO Resource ID	Plant/Unit Identifier- CEC ID	Plant/Unit Identifier- EIA Plant ID	Generating Unit(s) Status (Operational, Under Construction, Planned)	City or Locality of Specified Unit(s)	Fuel Type	Supply Resources(s) Balancing Area	Supply Resource(s) Delivery Zone/Point	Contract Start Date (COD)	Contract Expiration Date	Capacity (MW) Under Contract:	Contract / Agreement Products	Availability of Products	Must Take	Firm:	Firming or Shaping for Variable Energy	Termination & Extension Rights:	Notes (1):	Notes (2):
12b, 12c	Coal; Intermountain Power Agency	Intermountain Power Agency	Unit Contingent, IPP Units 1 and 2	There are 2-950 MW GE tandem compound steam turbines and Babcock & Wilcox subcritical boilers.	ANHM_IPP_I_UC_01	C0023	6481	Operational	Delta, UT	Coal	PACE dynamically scheduled into the CAISO	IPP	See Notes (2):	12/31/2024	237	Capacity and Baseload Energy	7x24	Yes	Yes	No	No Extensions.	Original Power Sales Contract dated September 28, 1978. First Amendment to Power Sales Contract Amendment to CA Power Sales Contract dated August 1, 1980. Amendatory Power Sales Contract dated February 1, 1983	Commercial Operation of unit 1 started in June 1986, and unit 2 in May 1987.
12e	Natural Gas; Canyon Power Project	Southern California Public Power Authority	Unit Contingent	There are 4 LM6000 simple cycle turbines with state of the art emission reduction	ANAHM_2_CANYN1; ANAHM_2_CANYN2; ANAHM_2_CANYN3; ANAHM_2_CANYN4	G0058	57027	Operational	Anaheim, CA	Natural Gas	CAISO	Lewis Substation	6/1/2011	See Notes (1):	200	Capacity and Peaking Energy	90 hours a month (per each turbine). 360 months total for 4 turbines	Yes	Yes	No	No Extensions.	Anaheim assumes ownership of project when bonds are paid off and term ends in July 2040.	
14b	Large Hydro; Hoover	Western Area Power Administration	Unit Contingent	There are 17 main generating units and appurtenant facilities.	ANHM_MEAD2MSCH D_I_UC_01	None	154	Operational	Boulder City, NV	Large Hydro	WALC	Mead Substation	6/1/1987	9/30/2017	40	Capacity and Energy	Peak Use (subject to water availability)	Yes, within +/- 2% of monthly entitlement.	Yes	No	Amended and Restated Implementation Agreement allows 50 year extension. Contract Start Date 10/1/2017 Contract Expiration Date	Pursuant to Amendment & Restated Agreement, Section 2.2. allows for the sale of contingent capacity and firm energy from Hoover from 10/1/2017 - 9/30/2067.	
14c	Small Hydro; MWD Hydro- Perris, Rio Hondo, Coyote Creek, Valley View	Metropolitan Water District	Unit Contingent	There are 4 small hydroclectric power plants located in southern California with an aggregate total nameplate capacity of 17.08 MW.	VALLEY_5_PERRIS; CENTER_2_RHONDO ; OLINDA_2_COYCRK; VILLPK_2_VALLYV	H0382; H0412; H0119; H0539	None	Operational	Perris, South Gate, La Habra	Small Hydro	CAISO	SP15; LA Basin	11/1/2008	12/31/2023	17.08	Capacity and Renewable Energy	Intermittent (subject to water availability)	Yes	Yes	No	No extensions. See Notes (1):	First Amendment approved by City Council on 12/14/2016, which included price reduction and elimination of mutual right to terminate Agreement on 24 months' notice through expiration of Agreement.	
•		'		-			_			_	_		-	_	ł			-	-				<b>£</b>
-						-				-	-		_		-								- F
18e	Biomethane; Brea Power Partners, L.P. and Brea Power II, LLC	Brea Generation, LLC (formerly known as Brea Power II, LLC, )	Unit Contingent	There are 4-4.6 MW combustion turbine generators	OLINDA_2_LNDFL2	E0249	58007	Operational	Brea, CA	Biomethane	CAISO	Olinda 220kV Substation	4/27/2016	4/30/2036		Renewable Energy	7x24	Yes	Yes	No	No extensions.	Power Purchase Agreement was Consolidated, Amended and Restated Power Purchase Agreement among Brea Power Partners, L.P., Brea Power II, LLC and City was approved on 12/15/2009. Consolidated 27.4 MW and 5 MW Contract	Term shall continue until the end of the Delivery Term, or on the 33rd anniversary of the Commercial Operation Date.
18f	Biomethane, Bowerman Power LFG, LLC	Bowerman Power LFG, LLC	Unit Contingent	There are 7-3.37 MW generators.	ANAHM_7_CT	E0226	59461	Operational	Irvine, CA	Biomethane	CAISO	Santiago Substation	11/1/2012	10/31/2045	19.6	Capacity, Resource Adequacy and Renewable Energy	7x24	Yes	Yes	No	No extensions.		
-							-				_	<b>-</b>		_	-		_	-	-				
						-	-						_	_			-				_	5	-
18i	Solar; Westside Assets, LLC	CIM Group, LLC (formerly known as Westlands MM Investor, LLC, Westside Holdings, LLC, Westside Assets, LLC)	Unit Contingent	There are 8,080 - SolarWorld monocrystalline photovoltaic solar modules supported by a NEXTracker Single- axis tracking system.	HENRTA_6_SOLAR2	S0544	60275	Operational	Lemoore, CA	Solar	CAISO	Henrietta Substation	4/1/2015	5/1/2040	0	Renewable Energy net of Station Use	Intermittent (weather dependent)	Yes	No	No	No extensions.		

S-1 and 2 line		Supplier / Seller:	Unit Contingent / LD Contract:	Generating Unit(s) Specified	Plant/Unit Identifier- CAISO Resource ID	Flant/Onit	Plant/Unit Identifier- EIA Plant ID	Generating Unit(s) Status (Operational, Under Construction, Planned)	City or Locality of Specified Unit(s)	Fuel Type	Supply Resources(s) Balancing Area	Supply Resource(s) Delivery Zone/Point	Contract Start Date (COD)	Expiration	Capacity (MW) Under Contract:	Contract / Agreement Products	Availability of Products	Must Take	Firm:	Firming or Shaping for Variable Energy	Termination & Extension Rights:	Notes (1):	Notes (2):
18j	Biomethane; Anaheim Energy, LLC	Anaheim Energy, LLC	Unit Contingent	There are 4-1.5 MW generators.	None	None N	None	Planned	Anaheim, CA	Biomethane	CAISO		6/30/2019 (estimated)	6/30/2039 (extension 5 years 6/30/2044)	4	Capacity, Resource Adequacy and Renewable Energy net of Station Use	7x24	Yes	Yes	No	One 5-year extension is available.	Original Term commences on the COD and ends on the last day of the calendar month 20 years from the COD.	
18k	Wind; San Gorgonio	San Gorgonio Farms, Inc	Unit Contingent	Wind turbines	SANWD_1_QF	CEC-RPS- ID-60371A	50281	Operational	Whitewater, CA	Wind		Sanwind Substation	10/23/2013	12/31/2023	01	Renewable Energy	Intermittent	Yes	No	No	1st Extension Ends 12/31/2033; 2nd Extension Ends 12/31/2043.		