

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Order Instituting Rulemaking to Continue Implementation and
Administration of California Renewables Portfolio Standard
Program.

Rulemaking 15-02-020
(Filed February 26, 2015)

Commerce Energy, Inc.

Static Contract Informaiton

September 4, 2015

Name: Inger Goodman
Title: Regulatory Affairs Specialist
Email: igoodman@commerceenergy.com
Phone: 714-259-2508
Fax: 714-481-6589
Address: 6 Centerpointe Drive, Suite 750
La Palma, CA 90623

CALIFORNIA'S RENEWABLES PORTFOLIO STANDARD

Static Contract Information Report

Any questions concerning the Static Contract Information Report, or any other RPS compliance matters, should be directed to Robert Blackney robert.blackney@cpuc.ca.gov, (415) 703-3072.

Procedural Guidelines

1. D.11-12-052 requires Investor Owned Utilities (IOU), Multi-Jurisdictional Utilities (MJU), Electric Service Providers (ESP), and Community Choice Aggregators (CCAs) to submit information to Energy Division sufficient to demonstrate that renewable energy credits (RECs) retired to meet an obligation of the California renewable portfolio standard meet the requirements of the portfolio content category (PCC) classification in which they are claimed. Consequently, retail sellers must submit this hourly e-Tag summary report to determine the proper PCC classification of RECs generated from facilities located outside of a California balancing authority area. Refer to D.11-12-052 for additional details related to RPS portfolio content category classification.
2. Any retail seller seeking confidentiality protection for information required by the RPS Hourly e-Tag Summary Report should file a declaration. Confidentiality requests shall comply with the substantive and procedural rules set forth in D.06-06-066, as modified by D.08-04-023, the Commission's decision in its Confidentiality proceeding, Rulemaking (R.) 05-06-040, and any subsequent decisions issued in the same or successor proceeding. A declaration for confidentiality should identify all redacted information by tab name and cell reference.
3. RPS Hourly e-Tag Summary Reports must be submitted to the Commission as specified below:
 - a. Serve a public version on the service list in proceeding R.15-02-020. All pages must be legible: If reports need to be printed and scanned to be issued to the service list, please ensure that scanned documents are not blurry or distorted. Retail sellers are responsible for maintaining confidentiality when serving a redacted report.
The most current version of the service list can be found on the Commission's webpage :
http://www.cpuc.ca.gov/service_lists/R1502020_82917.htm
 - b) **Submit a confidential Excel version utilizing the locked spreadsheet with the Energy Division by e-mailing an electronic version to robert.blackney@cpuc.ca.gov and rpscompliance@cpuc.ca.gov. Please only submit Excel documents in .xls format (.xslm and .xlsx files will *NOT* be accepted).**
 - c) Send paper copies (confidential and public) to each of the assigned Administrative Law Judges (ALJs):

Robert Mason and Anne Simon
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102
 - d) **Do not send paper copies of the confidential version to anyone except the persons listed above, unless specifically requested.**
4. Include the Title Page and fill out the following information:
 - a) Name of the retail seller serving the RPS Hourly e-Tag Summary Report
 - b) Date the Hourly Meter and e-Tag Reconciliation Report is being served
 - c) Contact information
5. Complete the Officer Verification Form in the format provided (Rule 1.11)

Static Contract Information tab

All retail sellers must report contract information to the CPUC. CPUC staff will verify static contract information by reviewing documents such as procurement contracts, interconnection agreements, and dynamic transfer agreements. CPUC staff does not expect static information to change and will only require retail sellers to submit supporting documentation in the first year in which the contract is reported.

- **Initial Reporting Year:** Enter the calendar year in which contract information is first reported in the Static Contract Information tab. Please update the Reporting Year when contracts are amended and resubmit the form with the corresponding contract/amended contract.
- **Facility Name:** Indicate the name of the facility that generated the RECs that are being claimed for RPS compliance. If electricity products are purchased from a portfolio of assets, list all of the facilities. If the facilities are unknown, indicate unknown.
- **Technology:** Select type of RPS eligible technology from the drop-down options. If other, please specify.
- **Expected PCC Classification Claimed:** Enter the PCC classification of the reported RECs.
- **Facility Status:** Select the facilities status (e.g. online, in development, etc.) from the project from drop-down options.
- **Technology Sub-Type:** Select the sub-type of RPS eligible technology for solar photovoltaic and small hydro contracts from the drop-down list of options. This field only applies to solar photovoltaic and small hydro projects.
- **Contract Execution Date:** Input the date the contract was originally executed. If the facility is utility owned, input the date the ownership agreement was originally executed or when ownership began. Retail sellers must provide a copy of the contract agreement (e.g. paper copy of contract/agreement or digital copy on CD) to demonstrate the contract execution date.
- **Contract Start Date:** Indicate the first date that electricity products were or will be procured by the retail seller.

- **Contract Term:** Indicate the duration of the contract. If the facility is utility owned, state "utility owned."
- **Contract End Date:** This field shows the final date of the original contract/agreement.
- **Contract Termination Date:** If the contract is terminated before the contract end date, please enter the termination date. Retail sellers must provide supporting documentation.
- **Type of Procurement Arrangement:** All ownership/contract agreements should be described based on whether the retail seller will receive:
 - o Facility's full output
 - o Facility's full output during a specific limited timeframe
 - o A percentage share of facility's MWh output during contracted timeframe
 - o A fixed amount of MWh during a contracted timeframe, receive incremental generation (full RPS eligible amount), or receive incremental generation based on percent share of the total RPS eligible amount
- **Shared % or Fixed Contract Amount of Total Generation:** Enter the share of total generation under the current contract/agreement. If the contracted energy is a fixed amount, enter total contractual fixed amount and provide additional explanations in the notes section as necessary. Explain in the "Notes" section if volume or percent amount changes annually and provide annual specific amounts per calendar year. A copy of the contract agreement is also required to demonstrate the share (%) or fixed amount of RECs to be delivered.
- **CPUC ID:** Enter the identification number provided to facility by Energy Division. If the Energy Division has not provided any CPUC ID information, please input "N/A."
- **WREGIS ID:** Enter the identification number assigned to facility by WREGIS.
- **RPS ID:** Enter the identification number assigned to facility by the CEC.
- **Retail Seller Contract Reference Number, or Contract ID Number:** Please input the retail seller internal ID number. If the retail seller does not maintain internal tracking IDs, please input "N/A."
- **Owner/Seller:** Indicate the wholesale seller of electricity products. If utility owned, state "utility owned." If purchased from a load-serving entity, state the name of the load-serving entity.
- **Scheduling Coordinator:** Indicate the party responsible for scheduling the deliveries of RPS eligible electricity into a CBA, if applicable. If there is more than one party is designated as a "scheduling coordinator," indicate only the primary scheduling coordinator.
- **Facility Source Name:** For Facilities not interconnected to a CBA, retail sellers must enter the facility's source name, as registered with OATI's webRegistry. If the contracted agreement is for a portfolio of assets, then the retail seller should list all possible source facilities. If the contract does not include a list of portfolio assets, input "Portfolio of Assets Unknown."
- **Location by County and State, Country, Longitude and Latitude :** Input the county and state that the facility is located in. If the facility is located outside of the United States, please indicate the country in which the facility is located. If incremental electricity is provided from system power purchases indicate "system power purchases." Please provide longitude and latitude for each RPS facility.
- **Facility(ies) Directly Interconnected to a CBA:** Indicate if the facility is directly interconnected to a CBA by selecting "yes" or "no" from the drop down menu. Select "yes" if the contracted facility(ies) is/are directly interconnected to a CBA, or "no" if the contracted facility(ies) is/are not directly interconnected to a CBA.
- **CBA(s) of Interconnection:** If the contract includes a facility that is directly interconnect to a CBA, input the name of the CBA that the facility interconnects. If the contract includes more than one facility or a portfolio of assets, then input the name of each facility and corresponding CBA of interconnection in the following format "Facility: CBA" for each facility. If the contract is for unbundled RECs or does not include any facility that is directly interconnected to a CBA, input "N/A."
- **Execution Date for Substitute Energy Agreement (PCC 2 Only):** Input the date the substitute energy agreement was originally executed.
- **Duration of Substitute Energy Agreement (PCC 2 Only):** Input the duration of the substitute energy agreement.
- **Resale Agreement:** Indicate if the contract has a resale agreement, as defined in D.11-12-052, by selecting "yes" or "no" from the drop down menu. Select "yes" to indicate that the contract has a resale agreement, or "no" to indicate that the contract does not have a resale agreement. If the contract has a resale agreement, please provide a copy of the resale agreement with the copy of the original contract.
- **Notes:** Include any additional information about the contract, including information on any amendments to the contract.

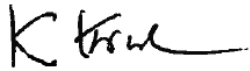
Initial Reporting Year	Facility Name	Facility Type	Expected PCC Classification	Facility Status	Contract Execution Date	Contract Start Date	Contract Term	Contract End Date	Contract Termination Date	Share (%) or Fixed Contract Amount of Total Generation	OPIC ID Number	WREGIS ID	APIS ID	Owner/Seller	Scheduling Coordinator	Facility Location: County	Facility Location: State	Facility Location: Country	Facility Location: Longitude	Facility Location: Latitude	Facilities (Yes/No)	CBA(s) of Intersection	Execution Date for Sublease Energy Agreement (PCC 2 Only)	Duration of Sublease Energy Agreement (PCC 2 Only)	Resale Agreement	Notes (Optional)
2019	Pastoria Energy Facility	PCC 1	online		9/6/2011	9/1/2011	months	8/30/2021		Fixed Contract Amount		W1809	81064F	Calpine Energy Services, L.P.	APX, Inc.	Ken	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Dockets ER04-184, ER06-6
2019	Prima Creek Wind I	PCC 3	online		8/7/2011	7/22/2011	months	7/22/2021		Fixed Contract Amount		97985	80721A	Norfolk Energy Power Marketing, LLC	APX, Inc.	Ken	Washington	USA	Unavailable	Unavailable	Yes	NA - Outside of a CBA			not resale	
2019	Prima Creek Wind II	PCC 3	online		8/7/2011	7/22/2011	months	7/22/2021		Fixed Contract Amount		97985	80721A	Norfolk Energy Power Marketing, LLC	APX, Inc.	Ken	Washington	USA	Unavailable	Unavailable	Yes	NA - Outside of a CBA			not resale	
2019	Calakaua Geothermal Unit 1	PCC 1	online		10/4/2011	10/5/2011	months	12/31/2021		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Calakaua Geothermal Units 5&6	PCC 1	online		10/5/2011	10/5/2011	months	12/31/2021		Fixed Contract Amount		W1718	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER06-3659
2019	Calakaua Geothermal Units 7&8	PCC 1	online		10/4/2011	10/5/2011	months	12/31/2021		Fixed Contract Amount		W1718	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket QP57-71
2019	Calakaua Geothermal Unit 9	PCC 1	online		10/5/2011	10/5/2011	months	12/31/2021		Fixed Contract Amount		W1718	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket QP58-69
2019	Calakaua Geothermal Unit 12	PCC 1	online		10/4/2011	10/5/2011	months	12/31/2021		Fixed Contract Amount		W1720	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket QP 66-60
2019	Calakaua Geothermal Unit 14	PCC 1	online		10/4/2011	10/5/2011	months	12/31/2021		Fixed Contract Amount		W1720	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket QP58-69
2019	Calakaua Geothermal Unit 16	PCC 1	online		10/4/2011	10/5/2011	months	12/31/2021		Fixed Contract Amount		W1720	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER06-3659
2019	Calakaua Geothermal Unit 17	PCC 1	online		10/5/2011	10/5/2011	months	12/31/2021		Fixed Contract Amount		W1720	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket QP 66-60
2019	Calakaua Geothermal Unit 18	PCC 1	online		10/4/2011	10/5/2011	months	12/31/2021		Fixed Contract Amount		W1720	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket QP 66-60
2019	Calakaua Geothermal Unit 19	PCC 1	online		10/5/2011	10/5/2011	months	12/31/2021		Fixed Contract Amount		W1720	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket QP 66-60
2019	Adrian Power Plant	PCC 1	online		10/4/2011	10/5/2011	months	12/31/2021		Fixed Contract Amount		W484	80115A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER06-1260
2019	Becker Canyon Power Plant	PCC 1	online		10/5/2011	10/5/2011	months	12/31/2021		Fixed Contract Amount		W1720	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER06-1260
2019	Calakaua Power Plant	PCC 1	online		10/4/2011	10/5/2011	months	12/31/2021		Fixed Contract Amount		W488	80117A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER06-1103
2019	West Fire Hill Power Plant	PCC 1	online		10/4/2011	10/5/2011	months	12/31/2021		Fixed Contract Amount		W1720	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER06-1103
2019	Pastoria Energy Facility	PCC 1	online		9/6/2011	9/1/2011	months	8/30/2021		Fixed Contract Amount		W1809	81064F	Calpine Energy Services, L.P.	APX, Inc.	Ken	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER04-184
2019	Lasata Quail Wind Park	PCC 2	online		11/2/2011	11/2/2011	months	12/31/2021		Fixed Contract Amount		W823	80942A	BEF Trading North America, LLC	APX, Inc.	Ken	Idaho	USA	Unavailable	Unavailable	Yes	NA - Outside of a CBA			not resale	
2019	Lasata Wind Farm	PCC 2	online		11/2/2011	11/2/2011	months	12/31/2021		Fixed Contract Amount		W823	80942A	BEF Trading North America, LLC	APX, Inc.	Ken	Idaho	USA	Unavailable	Unavailable	Yes	NA - Outside of a CBA			not resale	
2019	Severs Power Plant - Calakaua Geothermal Unit 18	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1720	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket QP 66-60
2019	Severs Power Plant - Calakaua Geothermal Unit 19	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1720	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket QP 66-60
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 18	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 19	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 18	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 19	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 18	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 19	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 18	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 19	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 18	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 19	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 18	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 19	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 18	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 19	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 18	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 19	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 18	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 19	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 18	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 19	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 18	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 19	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 18	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 19	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 18	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 19	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 18	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 19	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 18	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 19	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727	80000A	Calpine Energy Services, L.P.	APX, Inc.	Sonoma	California	USA	Unavailable	Unavailable	Yes	CAISO			not resale	FERC Docket ER99-1983
2019	Severs Power Plant - Sonoma- Calakaua Geothermal Unit 18	PCC 1	online		2/9/2012	2/10/2012	months	3/31/2022		Fixed Contract Amount		W1727														

OFFICER VERIFICATION FORM

I am an officer of the reporting corporation herein, and am authorized to make this verification on its behalf. The statements in the foregoing document are true of my own knowledge, except as to matters which are therein stated on information or belief, and as to those matters I believe them to be true. The spreadsheet format used to file this RPS Static Contract Information Report has not been altered from the version issued or approved by Energy Division.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on September 4, 2015 at Houston, Texas.

A handwritten signature in black ink, appearing to read 'K. Kasiviswanathan', is written above a horizontal line.

Krishnan Kasiviswanathan, SVP Supply and Strategic Development