

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)

Direct Energy Business, LLC

Static Contract Informaiton

September 4, 2015

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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.cpus.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 (.xlsm 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.

Report Year	Facility Name	Technology	Technology Sub-Type	Expected RSC Classification	Contract Execution Date	Contract Start Date	Contract Term	Contract End Date	Contract Termination Date	Share (B) or Filled Contract Amount of Total Generation	CFUC ID Number	WEG ID	RPS ID	Owner/Seller	Facility Scheduling Coordinator	Facility Location: County	Facility Location: State	Facility Location: Country	Facility Longitude	Facility Latitude	Facility Directly Interconnected to a CBA	CEA(s) of Interconnection	Exclusion Date for Subsidized Energy Agreement (EC2 Only)	Duration of Subsidized Energy Agreement (EC2 Only)	Reale Agreement	Notes (Optional)
2019	201908117Powerex 4, White Creek Wind	Wind		PC0-0	1/17/2008	11/20/08-48 months		12/31/2011		23,810		W360	40721A	Powerex	Powerex	Roosevelt	WA	USA	120° 47' 24" W	49° 52' 12" N	No		NA, PC0-0	NA, PC0-0	not resale	
2019	20190220Powerex, Roosevelt Bogas	Wind		PC0-1	2/28/2011	11/20/11-120 months		12/31/2031		270.37		W360	40721A	Powerex	Powerex	Roosevelt	WA	USA	120° 47' 24" W	49° 52' 12" N	No		NA, PC0-1	NA, PC0-1	not resale	
2019	20190220Powerex, Dekah Wind	Wind		PC0-1	2/28/2011	11/20/11-120 months		12/31/2031		12,398		W1962	61160A	Powerex	Powerex	Roosevelt	WA	Canada	122° 2833' W	50° 7000' N	No		NA, PC0-1	NA, PC0-1	not resale	
2019	20190220Powerex, Quailly Wind	Wind		PC0-1	2/28/2011	11/20/11-120 months		12/31/2031		12,398		W1962	61160A	Powerex	Powerex	Roosevelt	WA	Canada	122° 2833' W	50° 7000' N	No		NA, PC0-1	NA, PC0-1	not resale	
2019	20190220Powerex, Cape Scott Wind	Wind		PC0-1	2/28/2011	11/20/11-120 months		12/31/2031		6,004		W3509	60500A	Powerex	Powerex	British Columbia	BC	Canada	127° 2934' W	50° 4321' N	No		NA, PC0-1	NA, PC0-1	not resale	
2019	20190220Powerex, 1, Bearspire	Small Hydro	Hydro	Unknown	3/28/2011	3/24/21-120 months		12/31/2031		34,004		W1762	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 1, Tisdah	Small Hydro	Hydro	Unknown	3/28/2011	3/24/21-120 months		12/31/2031		34,004		W1762	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 2, Bearspire	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 2, Tisdah	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 3, Bearspire	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 3, Tisdah	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 4, Bearspire	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 4, Tisdah	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 5, Bearspire	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 5, Tisdah	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 6, Bearspire	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 6, Tisdah	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 7, Bearspire	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 7, Tisdah	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 8, Bearspire	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 8, Tisdah	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 9, Bearspire	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 9, Tisdah	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 10, Bearspire	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 10, Tisdah	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 11, Bearspire	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 11, Tisdah	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 12, Bearspire	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 12, Tisdah	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 13, Bearspire	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 13, Tisdah	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 14, Bearspire	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 14, Tisdah	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 15, Bearspire	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 15, Tisdah	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 16, Bearspire	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 16, Tisdah	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 17, Bearspire	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 17, Tisdah	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 18, Bearspire	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 18, Tisdah	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 19, Bearspire	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 19, Tisdah	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 20, Bearspire	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538		W1767	60720A	Shier Energy	Shier Energy	Stratford	CA	USA	120° 042' W	38° 32' 12" N	Yes	CASIO	NA, PC0-1	NA, PC0-1	not resale	FERC F-2006, P-2007
2019	20190220Powerex, 20, Tisdah	Small Hydro	Hydro	Unknown	3/31/2011	3/24/21-120 months		12/31/2031		33,538																

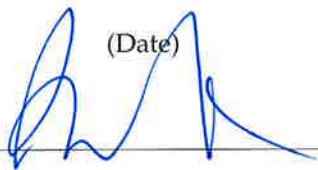
2015	01040123	Alameda	Nine Mile	Small Hydro	Hydro	Unknown	PC-3	1/23/2014	11/10/14	12 months	1/23/2014	13,767	WY83	00407A	Avista Corp	Avista Corp	Spokane	WA	USA	117°32'39" W	47°43'1" N	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040123	Alameda	Post Falls	Small Hydro	Hydro	Unknown	PC-3	1/23/2014	11/10/14	12 months	1/23/2014	13,767	WY83	00407A	Avista Corp	Avista Corp	Spokane	WA	USA	117°32'39" W	47°43'1" N	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040123	Alameda	Upper Falls	Small Hydro	Hydro	Unknown	PC-3	1/23/2014	11/10/14	12 months	1/23/2014	6,669	WY27	00405A	Avista Corp	Avista Corp	Spokane	WA	USA	117°34'52" W	47°34'48" N	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040200	Nevada	Bonanza One	Biomas			PC-3	5/20/2014	11/10/14	12 months	1/23/2014	25,088	WY556	0120AA	Nederra	Nederra	Jackson	OR	USA	122°448'25	42°4358'4	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040200	Nevada	Bonanza One 2	Biomas			PC-3	5/20/2014	11/10/14	12 months	1/23/2014	25,088	WY556	0120AA	Nederra	Nederra	Jackson	OR	USA	122°448'25	42°4358'4	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040200	Nevada	Brock Creek	Small Hydro	Hydro	Unknown	PC-3	5/20/2014	11/10/14	12 months	1/23/2014	8,776	WY1952	0120AA	Nederra	Nederra	Clark	OR	USA	111°47'33" W	43°34'12" N	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040200	Nevada	Campbell Fall	Small Hydro	Hydro	Unknown	PC-3	5/20/2014	11/10/14	12 months	1/23/2014	1,133	WY1383	01207A	Nederra	Nederra	Converse	OR	USA	118°39'28" W	43°1'13" N	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040200	Nevada	Copper Dam	Small Hydro	Hydro	Unknown	PC-3	5/20/2014	11/10/14	12 months	1/23/2014	4,308	WY1899	01386A	Nederra	Nederra	High River	OR	USA	123°09'46" W	42°01'10" N	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040200	Nevada	Las Creek	Small Hydro	Hydro	Unknown	PC-3	5/20/2014	11/10/14	12 months	1/23/2014	1,021	WY2071	01381A	Nederra	Nederra	High River	OR	USA	116°24'24" W	43°33'21" N	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040200	Nevada	Lucas	Wind			PC-3	5/20/2014	11/10/14	12 months	1/23/2014	8,063	WY1887	01188A	Nederra	Nederra	Carbon	WY	USA	108°9' 4.4"	42° 47' 58.4"	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040200	Nevada	Durand	Wind			PC-3	5/20/2014	11/10/14	12 months	1/23/2014	1,812	WY2021	00501A	Nederra	Nederra	Albany	WY	USA	108°11' 48.1"	41° 38' 47.8"	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040200	Nevada	Foote Creek	Wind			PC-3	5/20/2014	11/10/14	12 months	1/23/2014	5,892	WY1094	0080AA	Nederra	Nederra	Converse	WY	USA	109°32'W	42°30'N	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040200	Nevada	Glennville 1	Wind			PC-3	5/20/2014	11/10/14	12 months	1/23/2014	3,270	WY665	0090AA	Nederra	Nederra	Albany	WY	USA	109°32'W	42°30'N	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040200	Nevada	Glennville 2	Wind			PC-3	5/20/2014	11/10/14	12 months	1/23/2014	3,422	WY1393	00807A	Nederra	Nederra	Bonville	WA	USA	120°1' 43.24"	46° 47' 7.1"	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040200	Nevada	Harriet Wind	Wind			PC-3	5/20/2014	11/10/14	12 months	1/23/2014	15,775	WY1334	00909A	Nederra	Nederra	Albany	WY	USA	109° 2' 38.3"	41° 39' 53.2"	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040200	Nevada	High Plains	Wind			PC-3	5/20/2014	11/10/14	12 months	1/23/2014		WY2005	01188A	Nederra	Nederra	Albany	WY	USA	112°02'11" W	42°04'04" N	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040200	Nevada	Marble Valley	Small Hydro	Hydro	Unknown	PC-3	5/20/2014	11/10/14	12 months	1/23/2014	2,652	WY1341	00909A	Nederra	Nederra	Albany	WY	USA	109° 1' 38.3"	41° 39' 53.2"	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040200	Nevada	Margaret	Wind			PC-3	5/20/2014	11/10/14	12 months	1/23/2014	4,968	WY1196	02000A	Nederra	Nederra	Bonville	OR	USA	111° 48' 26.6"	43° 38' 36.7"	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040200	Nevada	Meadow Creek Wind	Wind			PC-3	5/20/2014	11/10/14	12 months	1/23/2014	2,652	WY1196	02000A	Nederra	Nederra	Bonville	OR	USA	111° 48' 26.6"	43° 38' 36.7"	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040200	Nevada	Middle Creek	Small Hydro	Hydro	Unknown	PC-3	5/20/2014	11/10/14	12 months	1/23/2014	261	WY1196	02000A	Nederra	Nederra	High River	OR	USA	119°12'27" W	43°51'13" N	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040200	Nevada	Monroe Street	Small Hydro	Hydro	Unknown	PC-3	5/20/2014	11/10/14	12 months	1/23/2014	10,382	WY218	00406A	Nederra	Nederra	Spokane	WA	USA	117°22'28" W	46° 34'42" N	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040200	Nevada	Nine Mile	Small Hydro	Hydro	Unknown	PC-3	5/20/2014	11/10/14	12 months	1/23/2014	7,485	WY218	00407A	Nederra	Nederra	Spokane	WA	USA	117°32'39" W	47°43'1" N	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040200	Nevada	Star Springs	Small Hydro	Hydro	Unknown	PC-3	5/20/2014	11/10/14	12 months	1/23/2014	1,089	WY1952	0120AA	Nederra	Nederra	Converse	OR	USA	118°39'28" W	43°1'13" N	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040200	Nevada	Patena Dam	Small Hydro	Hydro	Unknown	PC-3	5/20/2014	11/10/14	12 months	1/23/2014	2,602	WY1910	01386A	Nederra	Nederra	High River	OR	USA	121°51'17" W	45°70'6" N	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040200	Nevada	Post Falls 2	Small Hydro	Hydro	Unknown	PC-3	5/20/2014	11/10/14	12 months	1/23/2014	1,683	WY214	00406A	Nederra	Nederra	Kootenai	ID	USA	116°34'40" W	47°17'20" N	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040200	Nevada	Post Falls 3	Small Hydro	Hydro	Unknown	PC-3	5/20/2014	11/10/14	12 months	1/23/2014	1,076	WY214	00406A	Nederra	Nederra	Kootenai	ID	USA	116°34'40" W	47°17'20" N	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040200	Nevada	Post Falls 4	Small Hydro	Hydro	Unknown	PC-3	5/20/2014	11/10/14	12 months	1/23/2014	1,722	WY220	00406A	Nederra	Nederra	Kootenai	ID	USA	116°34'40" W	47°17'20" N	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040200	Nevada	Post Falls 5	Small Hydro	Hydro	Unknown	PC-3	5/20/2014	11/10/14	12 months	1/23/2014	1,076	WY220	00406A	Nederra	Nederra	Kootenai	ID	USA	116°34'40" W	47°17'20" N	No				N/A	PC-3	N/A	PC-3	not resale
2015	01040200	Nevada	Upper Falls	Small Hydro	Hydro	Unknown	PC-3	5/20/2014	11/10/14	12 months	1/23/2014	369	WY217	00409A	Nederra	Nederra	Spokane	WA	USA	117°24'52" W	47°34'48" N	No				N/A	PC-3	N/A	PC-3	not resale
2015	01041004	Alaska	Ty. Unken	Small Hydro	Hydro	Unknown	PC-3	1/24/2014	11/10/14	12 months	1/23/2014	10,610	WY1621	00407A	Nederra	Nederra	Avista Corp	PC-1								N/A	PC-3	N/A	PC-3	not resale
2015	01041204	Nevada	Bonanza	Biomas			PC-3	1/24/2014	11/10/14	12 months	1/23/2014	20,000	WY556	0120AA	Nederra	Nederra	Jackson	OR	USA	122°448'25	42°4358'4	No				N/A	PC-3	N/A	PC-3	not resale
2015	01041204	Nevada	Total Energy Facility	Biomas			PC-3	1/24/2014	11/10/14	12 months	1/23/2014	4,418	WY889	00203A	Nederra	Nederra	Los Angeles	CA	USA	118°22'12	34° 59'29	No				N/A	PC-3	N/A	PC-3	not resale
2015	01041204	Nevada	White Creek Wind	Wind			PC-3	1/21/2014	11/10/14	12 months	1/23/2014	1,210	WY1280	00711A	Nederra	Nederra	Rockwell PUD	CA	USA	120° 49' 24" W	46° 2' 14.2" N	No				N/A	PC-3	N/A	PC-3	not resale
2015	01050444	ChEEnergy	Mountain Air	ChE			PC-3	4/16/2013	11/10/14	12 months	1/23/2015	4,883	WY889	00214A	One Energy	One Energy	Elmore	ID	USA	115° 31' 38.2"	44° 35.0"	No				N/A	PC-3	N/A	PC-3	not resale
2015	01050444	ChEEnergy	Nine Mile Canyon	ChE			PC-3	4/16/2013	11/10/14	12 months	1/23/2015	1,000	WY889	00803A	One Energy	One Energy	Elmore	ID	USA	119° 37' 53.1"	44° 6' 14.2" N	No				N/A	PC-3	N/A	PC-3	not resale
2015	01050444	ChEEnergy	Pd Tu	ChE			PC-3	4/16/2013	11/10/14	12 months	1/23/2015	1,119	WY884	01245A	One Energy	One Energy	Sherman	OR	USA	120° 37' 0.9"	45° 36' 36.9"	No				N/A	PC-3	N/A	PC-3	not resale
2015	01050501	British Columbia	Unknown				PC-1	4/15/2013	11/10/14	12 months	1/23/2015				ACT Commodities	ACT Commodities										N/A	PC-3	N/A	PC-3	not resale
2015	01050501	British Columbia	Unknown				PC-1	7/13/2015	11/10/14	12 months	1/23/2015	21,439			ACT Commodities	ACT Commodities										N/A	PC-3	N/A	PC-3	not resale
2015	01050501	British Columbia	Unknown				PC-1	7/13/2015	11/10/14	12 months	1/23/2015	4,500			ACT Commodities	ACT Commodities										N/A	PC-3	N/A	PC-3	not resale
2015	01050717	Alaska	1. Unknown				PC-1	7/16/2011	11/10/14	12 months	1/23/2015	11,000			Avista Corp	Avista Corp										N/A	PC-3	N/A	PC-3	not resale
2015	01050717	Alaska	2. Unknown				PC-1	7/16/2011	11/10/14	12 months	1/23/2015	51,213			ACT Commodities	ACT Commodities										N/A	PC-3	N/A	PC-3	not resale

OFFICER VERIFICATION FORM

I , Bray Dohrwardt, am an officer of Direct Energy Business, LLC, 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 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.



(Date)

(Name of city)

(State)

Bray Dohrwardt, Vice President & Secretary