

DOCKETED

Docket Number:	16-RPS-01
Project Title:	Developing Guidelines for the 50 Percent Renewables Portfolio Standard
TN #:	212230
Document Title:	CEC RPS Annual Hourly Comparison Scheduled PCC 1 POU Claims
Description:	Annual hourly comparison scheduled PCC 1 POU claims of generation scheduled into CBA
Filer:	Judi Carter
Organization:	California Energy Commission
Submitter Role:	Commission Staff
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Docketed Date:	7/11/2016



**(TO BE COMPLETED BY PUBLICLY OWNED UTILITIES)
REPORT TO THE CALIFORNIA ENERGY COMMISSION
Annual Hourly Comparison for POU PCC 1 Claims of Generation
Scheduled into a CBA**

GENERAL INSTRUCTIONS

Enter the name of the local publicly owned electric utility (POU) and the calendar year covered by this report, as well as the name, RPS ID, and WREGIS Generating Unit (GU) ID number of the facility for which the data in this report applies. A preliminary estimate of the sum of eligible PCC 1 volume will be calculated automatically from Schedule 4 of this report and displayed below.

POU Name	
Reporting Year	
RPS-Certified Facility Name	
RPS ID Number	
WREGIS GU ID Number	
Preliminary Estimate of Eligible PCC 1 (MWh)	0.00

This form shall be used by a POU to report hourly meter data for the facility and hourly final e-Tag schedule data as specified in the *Renewables Portfolio Standard Eligibility Guidebook*. Because of the amount of data required for this analysis, complete one form per WREGIS GU ID per calendar year for facilities with multiple WREGIS GU IDs that have separate meters. Complete one form per facility per calendar year for facilities with only one WREGIS GU ID or for facilities with multiple WREGIS GU IDs that share one meter. If there are multiple e-Tags per hour, insert rows as necessary to list all e-Tags associated with each hour. If the POU has a fixed volume contract, the POU may use the provided "Fixed Volume Calculation" tab. The Fixed Volume Calculation tab calculates the percent share of the facility output in the final column of the tab which must be manually copied into the "Percent Share of Facility Output" column of Schedule 4. Complete Schedule 4 with all relevant hourly meter and final e-Tag schedule information. E-mail an electronic copy of this completed report to the address shown below. Then print and sign the attestation page of the report, and either email or mail the signed attestation to the address shown below:

California Energy Commission
e-mail: RPSTrack@energy.ca.gov

Renewable Energy Office
Attn: RPS Verification
California Energy Commission
1516 9th Street, MS-45
Sacramento, CA 95814-5512

This report is required when a POU makes a PCC 1 procurement claim from facilities that are NOT directly interconnected to a California Balancing Authority (CBA).

This report is due on July 1st each year for retirements made the previous reporting year.



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**Schedule 4 - Annual Hourly Meter and Final e-Tag Schedule Summary
Spreadsheet**

INSTRUCTIONS: Enter all necessary annual hourly meter data for the facility and annual hourly final e-Tag schedule data as specified in the *Renewables Portfolio Standard Eligibility Guidebook*. When completing this form, use one row to report facility meter and final e-Tag schedule data for each hour and for each e-Tag. Complete one CEC-RPS-HOURLY form per WREGIS GU ID per calendar year for facilities with multiple WREGIS GU IDs that have separate meters. Complete one CEC-RPS-HOURLY form per facility per calendar year for facilities with only one WREGIS GU ID or for facilities with multiple WREGIS GU IDs that share one meter.

FOOTNOTES

1	Date	Enter the date of the generation as a "short date" formatted mm/dd/yyyy (for example, 01/01/2011)
2	Hour Ending	Enter the hour ending for each hour as a whole number, 1 through 24.
3	E-Tag ID Number	Enter the e-Tag Identification number (e-Tag Code) for the e-Tag representing the final schedule. If there are multiple e-Tags in an hour, include each e-Tag on a separate row. Staff will match the e-Tag ID Number with the WREGIS Compliance Report and/or the RPS Track claims, where the e-Tag ID Number is also listed.
4	Hourly Final Schedule (MWh)	Enter the number of MWh, rounded to the nearest ten-thousandth (for example, 8.1234 MWh), of the hourly volume from the e-Tag provided in the previous field.
5	Hourly Meter Data (MWh)	Enter the number of MWh, rounded to the nearest ten-thousandth (for example, 8.1234 MWh), of the full output from the facility in each hour. There should only be one MWh amount per hour. If there are multiple e-Tags, the hourly meter data should be the same for each e-Tag listed in that hour of generation.
6	Percent Share of Final Schedule (%)	Enter the POU's percent share of the schedule represented on the e-Tag. If this is 100%, enter 100%.



7	Percent Share of Facility Generation Output (%)	Enter the POU's percent share of the facility's output. If this is 100%, enter 100%. When reporting data from fixed volume contracts, use the values calculated in the "Fixed Volume Calculation" sheet (Column E) as the "Percent Share of Facility Output." Use the same value for each e-Tag within each hour. For any contracting situations not captured in this spreadsheet, the percent share amount may need to be calculated outside the spreadsheet. Contact staff if you need to make calculations outside this summary spreadsheet or if you need to combine multiple reporting entities on one reporting form (although any such combined reporting will still require individual attestations from each POU).
8	Contract ID	Enter the contract, power purchase, or ownership agreement ID number that was generated in the Static Contract Info tab of the Compliance Report Form for POU's.
9	Preliminary Estimate of Eligible PCC 1 Volume (MWh)	This field is automatically calculated as the lesser of (Final Schedule*Percent Share of Final Schedule) and (Hourly Meter Data*Percent Share of Facility Output). Given the restrictions of matching within the WREGIS system, an entity can only match a whole MWh of an e-Tag schedule with the same amount of WREGIS certificates. To avoid stranding kWh of scheduled generation, the reported MWh quantities in the "lesser of" analysis includes four decimal points. The maximum amount of PCC 1 for a year that may be matched with e-Tags is the sum of this column. The sum of this column is calculated and displayed on the front page of this report as the "Preliminary Estimate of Eligible PCC 1 Volume." Amounts matched must include only actual generation amounts that were scheduled into a California Balancing Authority as demonstrated on the final e-Tag schedule.

Fixed Amount Calculation Spreadsheet

INSTRUCTIONS: This spreadsheet is to be used by POU's that have contracted for fixed amounts of electricity from a facility in each hour to calculate the POU's percent share of the facility's output. Enter all necessary annual hourly facility meter data and annual hourly fixed amounts. Only include data for one facility and one year. After the data is entered, the spreadsheet calculates the percent share of facility output. Copy these results from the "Percent Share of Facility Generation Output" column and paste them into the "Percent Share of Facility Generation Output" column in Schedule 4. Be careful to match the data for each hour on this spreadsheet to the same hour on Schedule 4.

NOTE: The calculations performed by this spreadsheet may not apply to a POU's unique circumstances. Therefore, POU's have the option to perform this calculation in a separate workbook, provided that the workbook is submitted to the Energy Commission with this report and all other materials required for verification are attested to on the attestation form.



FOOTNOTES

1	Date	Enter the date of the generation as a "short date" formatted mm/dd/yyyy, for example, 01/01/2011
2	Hour Ending	Enter the hour ending for each hour as a whole number, 1 through 24.
3	Hourly Meter Data (MWh)	Enter the number of MWh, rounded to the nearest ten-thousandth (for example, 8.1234 MWh), of the facility's meter data for this hour. This is the full output from the facility. There should only be one MWh amount per hour, and only one row per hour, regardless of the number of e-Tags.
4	Hourly Fixed Volume (MWh)	Enter the number of MWh, rounded to the nearest ten-thousandth (for example, 8.1234 MWh), of the fixed volume of electricity contracted for with the facility.
5	Percent Share of Facility Generation Output (%)	This field is calculated automatically from the hourly generation and hourly fixed volume data.



Schedule 4: TO BE COMPLETED BY PUBLICLY OWNED UTILITIES

Annual Hourly Comparison for POU PCC 1 Claims of Generation Scheduled into a CBA

Annual Hourly Meter and Final e-Tag Data Comparison Spreadsheet

Date ¹	Hour Ending ²	E-Tag ID Number ³	Hourly Final Schedule (MWh) ⁴	Hourly Meter Data (MWh) ⁵	Percent Share of Final Schedule (%) ⁶	Percent Share of Facility Generation Output (%) ⁷	Contract ID ⁸	Preliminary Estimate of Eligible PCC 1 Volume (MWh) ⁹



Optional *As Applicable* Fixed Volume Calculation Sheet				
Date ¹	Hour Ending ²	Hourly Meter Data (MWh) ³	Hourly Fixed Volume (MWh) ⁴	Percent Share of Facility Generation Output (%) ⁵
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I am an authorized officer or agent of the local publicly owned electric utility (POU) noted below, and hereby submit this report and attest to the following on behalf of said POU:

- 1) I am an authorized officer or agent of the POU for which this report was prepared, and have authority to submit this report on behalf of the POU;
- 2) The information and data provided in this report, including information provided in Schedule 4 of this report and in any other supporting documents submitted with this report, are submitted to the California Energy Commission, in accordance with the *Renewables Portfolio Standard Eligibility Guidebook* for use in verifying the POU's procurement claims of electricity products represented by the e-Tag identification numbers provided in this report for purposes of the Renewables Portfolio Standard (RPS);
- 3) To the best of my knowledge, none of the electricity generation scheduled into a California Balancing Authority to support the procurement claims represented by the e-Tag identification numbers provided in Schedule 4 of this report has been or will be used to support other procurement claims to satisfy RPS procurement requirements;
- 4) I have read the *Renewables Portfolio Standard Eligibility Guidebook* and understand the provisions, eligibility criteria, and requirements of the guidebook, including my responsibilities under the guidebook to provide additional information for RPS verification purposes if requested by the Energy Commission; and
- 5) I declare under penalty of perjury that the information and data provided in this report, including the information provided in Schedule 4 of the report and in any other supporting documents submitted with the report and listed below, are true and correct to the best of my knowledge.

Signed: _____ **Dated:** _____

Authorized Officer or Agent of POU Signing Attestation	
Name:	
Title:	
Phone:	
E-mail:	
Fax:	
POU	
Entity Name:	
Street Address:	
City, State, Zip Code:	



List of Supporting Documentation Attached to This Report	
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