

Renewables Portfolio Standard (RPS) Webinar on 2023 RPS Procurement Plan Filing Requirements and Templates

Energy Division, Climate Initiatives, Renewables, and Admin. Branch

Renewables Procurement Section

June 26, 2023



California Public
Utilities Commission

Webinar Information

- All participants will be muted on entry to the webinar
- Participants may ask clarifying questions through the chat window during the first part of the webinar
- Participants will have an open forum to ask specific questions on the templates during the second part of the webinar
- **Disclaimer: This webinar will be recorded and uploaded to the [RPS Procurement Plans](#) webpage**

Agenda

Agenda Item	Timing
Welcome and Introduction	2:00 -2:05 pm
Purpose of Webinar	2:05 -2:10 pm
Refinements from the 2023 RPS Plans ACR	2:10 -2:20 pm
Changes to RPS Plan Templates	2:20 -2:30 pm
Submission Instructions and Procedural Schedule	2:30 – 2:35 pm
Retail Seller Q&A	2:35 -2:50 pm
Wrap Up	2:50 -2:55 pm

Purpose of Webinar

- Energy Division Staff will review RPS Plan refinements and answer questions related to the [2023 RPS Procurement Plan Ruling \(2023 RPS Plans ACR\)](#)
 - *See also the May 19, 2023, [Ruling Correcting Errors to the 2023 RPS Plans ACR](#) for corrected procedural schedule and updated templates links*
- Energy Division Staff will explain changes to the 2023 RPS Procurement Plan templates and answer questions on the revised templates:
 1. Renewable Net Short (RNS) Template (.xlsx)
 2. Cost Quantification Template (.xlsx)
 3. Project Development Status Update Template (.xlsx)
 4. Transmission/Interconnection Delay Data Reporting Template (.xlsx)
- Templates: Posted on the CPUC's [RPS Procurement Plans](#) webpage

Refinements from the 2023 RPS Plans ACR

- Section IV.A.1 - Voluntary Allocation and Market Offer (VAMO)
 - Retail sellers must report VAMO results and milestones anticipated during the 2023 RPS Plans cycle:
 - Market Offer (MO) transactions results and plans:
 - Delivery volumes & periods, short & long-term allocations
 - Remaining steps / timelines for completing Market Offer
 - IOU Request for Information (RFI) plans:
 - IOU request for approval of 2023 RFI proposals
 - Status and results of previous RFIs

Refinements from the 2023 RPS Plans ACR cont.

- Section IV.B.1 - Long-term Procurement
 - Retail sellers must provide narrative of how RPS portfolios will comply with long-term procurement requirements **and** include a quantitative assessment of retail sellers' long-term RPS positions
 - Quantitative assessments must include:
 - Specific long-term procurement values in GWh for current & future RPS Compliance Periods
 - Short description of the long-term contracts, resources, or portfolio mix that will be used to meet the long-term procurement requirement
 - (charts & graphs alone are insufficient)
 - If retail seller received SB 155 letter from ED Staff, retail seller must include a timeline describing planned actions to meet the 65% long-term procurement requirement

Refinements from the 2023 RPS Plans ACR cont.

- Section IV.C - Portfolio Diversity & Reliability – Transp. Electrification
 - Discussion of transportation electrification forecasts is a required component of RPS Plans for all retail sellers
 - All retail sellers must address transportation electrification trends while planning for renewables procurement to meet incremental RPS requirements, consistent with Ordering Paragraph 3 of D.18-05-026
 - When discussing transportation electrification forecasts in RPS Plans, retail sellers must include:
 - Detailed description of the data and methodology used to create forecast
 - Comparison to the CEC's Integrated Energy Policy Report (IEPR) transportation electricity demand forecast

Refinements from the 2023 RPS Plans ACR cont.


- Section VII - Risk Assessment

- Retail sellers must organize the discussion of Risk into the following subsections to Section VII of their RPS Plans:
 - *Compliance Risk*
 - *Risk Modeling & Risk Factors*
 - *System Reliability*
 - *Lessons Learned*
- For *Compliance Risk*: retail sellers must describe the severity of the risks (high, medium, low) and include steps & timeline for overcoming / reducing compliance risks

Refinements from the 2023 RPS Plans ACR cont.

- Section XV - Conformance with the IRP Proceeding
 - Each retail seller's 2023 RPS Plan Section XV must align with the information in their most recent IRPs (filed November 1, 2022) to ensure their RPS obligations are in compliance (e.g., renewable resource valuation and target setting)
 - When summarizing RPS-IRP Alignment in Table 4 of the ACR, retail sellers should discuss new and existing RPS resources that will be used to meet the MTR obligations adopted in D.21-06-035 and the supplemental procurement ordered in D.23-02-040

Refinements from the 2023 RPS Plans ACR cont.

- Section XVI – Impact of Transmission & Interconnection Delays 
- In order to implement SB 1174, electrical corporations that own transmission facilities are required to provide info detailing the impacts that delays to transmission facilities & network system upgrades have had on renewable & energy storage resources with executed interconnection agreements
- Reporting must include:
 - Each transmission facility & system network upgrade that experienced a delay between June 1, 2022 - May 31, 2023
 - Projects that are expected to total \$1 million or more in capital costs
 - List of all renewable & energy storage projects that were delayed as a result of the transmission and network upgrade delays
- Reporting must be provided in both:
 - Narrative summary in the text of RPS Plan
 - Transmission/Interconnection Delay Data Reporting Template

Submission of info with Confidential Claims

- Underlying principle: information is to be publicly accessible to the greatest extent possible while allowing for protection of certain market-sensitive information
- [D. 21-11-029](#) modified the number of years that may be kept confidential for RPS Compliance Reporting for all LSEs
 - Detailed energy and load forecasts - **Front two years** of forecast data **and the year of filing** may be kept confidential

Changes to the RPS Plan Templates

- **General Rule:** Templates will cover all years of current or past Compliance Periods where procurement has not been verified by the California Energy Commission and RPS compliance determinations have not been made by the CPUC
 - Compliance Periods (CP) may be eliminated from the templates after compliance determinations have been made
- 1. Renewable Net Short Template: Added a column for 2033 using 60% PQR past CP 6 and updated forecast years
- 2. Cost Quantification Template: Updated reporting years (actual and forecast)
- 3. Project Development Status Update Template: No change
- 4. Transmission/Interconnection Delay Data Reporting Template: New template

RPS Plan Template Changes

Template	Change Description	Location in Excel File: Tab	Location in Excel File: Cells
Renewable Net Short	Updated forecast years beginning in 2023	1. "RNS Calculations"	1. Row 5, Column M
Renewable Net Short	Added column for 2033 using 60% PQRs past CP 6	1. "RNS Calculations"	1. Column Z
Cost Quantification	Updated reporting years to 2020 – 2022 (actual) and 2023 – 2033 (forecast)	1. "Tables 1 & 2 (Cost)" 2. "Tables 3 & 4 (Generation)"	1. C7:E7, C36:M36, C62:M62 2. C7:E7, C34:M34, C58:M58

Transmission / Interconnection Delay Template

NEW!

- **Purpose:** electrical corporations that own transmission facilities must provide info on transmission & network system upgrade delays that have had impacts on renewable & energy storage projects
- **Required Info:**
 - Each transmission facility & system network upgrade that experienced a delay between June 1, 2022 - May 31, 2023
 - Projects that are expected to total \$1 million or more in capital costs
 - "IX_TX Data Template" tab – used to enter transmission & network system upgrade delays
 - "Generation Data Template" tab – used to list all renewable & energy storage projects that were delayed as a result of transmission & network system upgrade delays

Transmission / Interconnection Delay Template

- **Tab 1 - "IX_TX Data Field Descriptions"**: describes the Transmission Project Data fields in the "IX_TX Data Template" tab

	A	B	C
1	Line	Transmission Project Data Field	Input Terms and Descriptions
2	1	Project Name	Include project name at date of report filing. Include projects with a cost of 1 million dollars or more over the 12-month period between June 1, 2022 and May 31, 2023.
3	2	Unique Project ID	Project identifier used by the electrical corporation.
4	3	Location	City/Cities and County/counties
5	4	Project Description	General project overview: what, where, and why. Discuss all assets to be installed and include all relevant information.
6	5	Project Description - What	Transmission line (new, reconductor, relocation), substation (breaker, transformer relay protection)
7	6	Project Description - Action taken	New, replacement, upgrade, etc. (provide list of all categories)
8	7	Related IX/TX Projects	Identify all other IX/TX projects in the IX/TX spreadsheet that are operationally dependent on this project in tandem with this project.
9	8	Transmission Project Size (length in miles)	Miles of transmission power lines included in the project.
10	9	Substation Project Footprint (acres)	Acres of substation footprint included in the project.
11	10	Transmission Voltage Level (kV)	Use kV for transmission power lines ratings.
12	11	Substation or Transformer Capacity (MVA and/or kV)	Use MVA and/or kV for substations.

Transmission / Interconnection Delay Template

- **Tab 3 - “Gen Data Field Descriptions”**: describes the Dependent Generation Project Data fields in the “Generation Data Template” tab

Line	Dependent Generation Project Data Field	Input Terms and Descriptions
1	Generation Project Name	Name of generation project with interconnection agreement delayed by a transmission or network system upgrade delay. Include projects that experienced a delay in the 12-month period between June 1, 2022 and May 31, 2023.
2	Primary Developer Name	Developer with the highest percentage interest in the project. Use parent company unless it is a wholesale aggregated contract. For wholesale aggregated contracts, use name of aggregator (e.g., Shell, Barclays etc.)
3	Nameplate Capacity (MW)	Total nameplate capacity of the whole project (maximum MW it can deliver under the interconnection agreement)

Transmission / Interconnection Delay Template

- **Tab 4 - “Generation Data Template”**: used to list all renewable & energy storage projects that were delayed as a result of transmission & network system upgrade delays
- **Note:** the cells in columns D & E have Drop-down Lists

	A	B	C	D	E	F
1	1	2	3	4	5	6
2	Generation Project Name	Primary Developer Name	Nameplate Capacity (MW)	Interconnection Request Type	Technology Type	IX/TX Unique Project ID(s)
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						

Filing and Submission Instructions

For instructions or questions related to filing and serving RPS Procurement plans:

- Refer to <https://www.cpuc.ca.gov/efile> for filing instructions and requirements

If an LSE is requesting confidential treatment for any portion of its RPS Procurement Plan:

- Send Energy Division the confidential versions of the RPS Procurement Plan PDF document and raw Excel spreadsheets to rpscompliance@cpuc.ca.gov through the CPUC's secure File Transfer Protocol website - <https://kwftp.cpuc.ca.gov/>

Procedural Schedule For 2023 RPS Procurement Plans

Process Details	Date
Assigned Commissioner's Ruling setting scope and schedule for annual RPS Plans	5/5/2023 (5/19/2023)
PacifiCorp files 2023 On-Year Supplement	5/12/2023
IOUs, Small Utilities, ESPs & CCAs file draft annual RPS Plans	7/17/2023
Comments on RPS Plans	8/15/2023
Motions requesting evidentiary hearing	8/15/2023
Motions to update RPS Plans	8/29/2023
Reply Comments on RPS Plans	8/29/2023
Commission votes on Proposed Decision	Fourth Quarter 2023
IOUs, Small Utilities, ESPs & CCAs file final annual RPS Plans	30 days from the effective date of the Final Decision
IOUs issue Request for Offers for Solicitations or otherwise pursue approved RPS Plan	14 days after Final RPS Plan filings, unless extended by Energy Division

Retail Seller Q&A

- **Q&A Session Instructions**

- All participants are muted on entry into the webinar
- Use the Raise Hand function and send your question through the chat panel to the Host

- **To use the Raise Hand Function**

- Find your name on the participant list, and hover over your name. A Raise Hand icon will appear. Click on the Raise Hand button, which will place a small hand icon next to your name in the participant list. Click on the Lower Hand button to withdraw the request.



- **To Send a Question through Chat**



- Click on the Chat icon at the bottom of the screen. The chat panel will appear in the bottom right corner. By default, when sending a message, it will go to all the participants. You can send messages to the host, panelists, or all participants by selecting the drop-down labeled: **Send to** and choosing between these options.

Example:



Additional Questions?

The RPS website can be accessed at

[Renewables Portfolio Standard \(RPS\) Program \(ca.gov\)](https://www.cpuc.ca.gov/renewables-portfolio-standard-rps-program)

Answers to frequently asked questions on RPS Procurement Plans are available on the [RPS Procurement Plans](#) webpage

For any remaining questions or comments please contact rpscompliance@cpuc.ca.gov