

## DOCKETED

|                         |   |
|-------------------------|---|
| <b>Docket Number:</b>   | 11-RPS-01   |
| <b>Project Title:</b>   | Renewables Portfolio Standard   |
| <b>TN #:</b>            | 215651  |
| <b>Document Title:</b>  | Sacramento Municipal Utility District Final RPS Verification Results Report for Compliance Period 1 |
| <b>Description:</b>     | N/A   |
| <b>Filer:</b>           | Judi Carter   |
| <b>Organization:</b>    | California Energy Commission  |
| <b>Submitter Role:</b>  | Commission Staff  |
| <b>Submission Date:</b> | 1/30/2017 9:12:38 AM  |
| <b>Docketed Date:</b>   | 1/30/2017   |

California Energy Commission  
**COMMISSION FINAL REPORT**

# Renewables Portfolio Standard Verification Results

Sacramento Municipal Utility District  
Compliance Period 1

California Energy Commission

Edmund G. Brown Jr., Governor

January 2017 | CEC-300-2017-037-CMF



# California Energy Commission

David Hochschild  
**Lead Commissioner**

Chris Metzker  
Olga Romaso  
**Primary Authors**

Emily Chisholm  
Theresa Daniels  
**Project Manager**

Natalie Lee  
**Office Manager**  
RENEWABLE ENERGY OFFICE

Courtney Smith  
**Deputy Director**  
RENEWABLE ENERGY DIVISION

Robert P. Oglesby  
**Executive Director**

# Verification Results: Compliance Period 1 Sacramento Municipal Utility District

---

## Background

Established in 2002, California’s Renewables Portfolio Standard (RPS) is one of the most ambitious renewable energy policies in the nation. Enacted by Senate Bill 1078 (Sher, Chapter 516, Statutes of 2002) with bipartisan support, and accelerated and expanded by subsequent legislation, California’s RPS establishes increasingly progressive renewable energy targets for the state’s electric service providers, requiring both retail sellers and local publicly owned electric utilities (POUs) to increase their procurement of eligible renewable energy resources to 33 percent of retail sales by 2020 and 50 percent of retail sales by 2030. Originally restricted to retail sellers, Senate Bill X1-2 (Simitian, Chapter 1, Statutes of 2011, First Extraordinary Session) expanded the statewide RPS to apply to POUs starting in 2011. The POUs have the following RPS compliance period targets through 2020:

| RPS Targets for Local Publicly Owned Utilities <sup>1</sup> |      |      |                     |      |      |                     |      |      |      |
|---|------|------|---------------------|------|------|---------------------|------|------|------|
| Compliance Period 1   |      |      | Compliance Period 2 |      |      | Compliance Period 3 |      |      |      |
| 2011  | 2012 | 2013 | 2014                | 2015 | 2016 | 2017                | 2018 | 2019 | 2020 |
| 20%   | 20%  | 20%  | 20%                 | 20%  | 25%  | 27%                 | 29%  | 31%  | 33%  |

## POU Procurement Verification Process

California’s RPS is administered by the California Energy Commission (Energy Commission) and the California Public Utilities Commission (CPUC). The Energy Commission is responsible for certifying RPS-eligible renewable energy resources, developing a tracking system to verify renewable energy procurement for all program participants, and overseeing compliance of the POUs. The CPUC is responsible for overseeing compliance and enforcement of the retail sellers.

As part of its administrative responsibility, the Energy Commission verifies the procurement claims of both retail sellers and POUs. The method used by the Energy Commission to verify procurement claims for RPS program participants is detailed in the *Renewables Portfolio Standard Eligibility Guidebook*<sup>2</sup> and further explained in the *Renewables Portfolio Standard Verification Methodology Report*, which can be found at

[http://www.energy.ca.gov/portfolio/documents/rps\\_verification.html](http://www.energy.ca.gov/portfolio/documents/rps_verification.html)

As POUs were mandated to comply with the statewide RPS program starting in 2011, this is the first issuance of verification results for POUs.

---

<sup>1</sup> Compliance with the RPS program is determined on a compliance period basis; however, each year within a compliance period contains a soft target that is applied to that year’s retail sales in order to determine that year’s contribution to the compliance period’s total RPS requirement.

<sup>2</sup> Refer to Section VI of the *Renewables Portfolio Standard Eligibility Guidebook, Eighth Edition*.

These verification results are not a compliance determination. The Energy Commission is responsible for determining POU compliance with the RPS.<sup>3</sup> After the Energy Commission adopts a POU's *Verification Results*, it will begin the process of determining if the POU is in compliance with the RPS requirements in accordance with the *Enforcement Procedures for the Renewables Portfolio Standard for Local Publicly Owned Electric Utilities*<sup>4</sup> for Compliance Period 1 (2011-2013). The Energy Commission's Executive Director will make a compliance determination informed by the verification results presented here and, if applicable, the application of optional compliance measures by the POU. The Executive Director will issue a letter to each POU documenting the RPS compliance determination. If the Executive Director determines a POU is not in compliance with the RPS requirements, a complaint will be issued to the POU, and adjudicated by the Energy Commission in accordance with the *Enforcement Procedures for the Renewables Portfolio Standard for Local Publicly Owned Electric Utilities*.

## Verification Results

This document provides the verification results for Sacramento Municipal Utility District's RPS procurement for Compliance Period 1 (2011-2013). The verification results are shown in renewable energy credits (RECs)<sup>5</sup> and include the following:

- The amount of eligible renewable energy procured by Sacramento Municipal Utility District.
- The Portfolio Content Category classification of eligible renewable energy.
- Sacramento Municipal Utility District's procurement target and portfolio balance requirements.
- Any optional compliance measures being applied by Sacramento Municipal Utility District.
- Sacramento Municipal Utility District's additional procurement above requirements, which may be applied to a future compliance period.

The Energy Commission finds that the procurement claim amounts listed in this report are eligible for the RPS, consistent with the RPS certification and procurement rules and requirements specified in the *Renewables Portfolio Standard Eligibility Guidebook* and *Enforcement Procedures for the Renewables Portfolio Standard for Local Publicly Owned Electric Utilities*, and should therefore count toward meeting the Sacramento Municipal Utility District's RPS procurement requirements.

For Compliance Period 1, Sacramento Municipal Utility District procured eligible renewable energy equal to 20 percent of its retail sales for the period and met its procurement target. Sacramento Municipal Utility District also met its Category 1 portfolio balance requirement.

---

<sup>3</sup> Pub. Util. Code § 399.30, subd. (o) and (p).

<sup>4</sup> The *Enforcement Procedures for the Renewables Portfolio Standard for Local Publicly Owned Electric Utilities* are set forth in 20 CCR §§ 1240 and 3200 - 3208, and establish the rules and procedures by which the Energy Commission will assess a POU's procurement actions and determine whether those actions meet the RPS procurement requirements in the law.

<sup>5</sup> Refer to 20 CCR § 3201(v). RECs are measured in megawatt hours (MWh).

The table below summarizes REC eligibility determinations for Sacramento Municipal Utility District, and provides a breakdown of the total procurement claim amount, the amounts identified as ineligible, the amounts withdrawn by the Load Serving Entity (LSE), and the procurement claim amount determined to be eligible for the RPS.

Sacramento Municipal Utility District claimed 9,015 RECs that are ineligible because the electricity associated with the RECs was generated before the facilities were RPS-eligible, claimed from the following facilities: SB1\_2007G2, SB1\_2008G1, SB1\_2009G2, SB1\_2009G1, SB1\_2009G2, SB1\_2010G1, SB1\_2010G2, SB1\_2010G3, SB1\_2011G1, SB1\_2011G2, SB1\_2011G3, SB1\_2011G4, SB1\_2011G6, SB1\_2011G7, Raley’s Distribution Center – A, Raley’s Distributions Center – B, Los Rios Community College District – Parking Garge, Intel Corporation Phase 2, City of Sacramento – Fairbarn Water Treatment Plant, FAA Norcal TRACON, Walmart Stores, Inc. #1760 Folsom. According to the *Renewables Portfolio Standard Eligibility Guidebook*, procurement claims generated before the eligibility date of the facility are not eligible to be claimed for the RPS.<sup>6</sup>

Additionally, 1,382 RECs are ineligible due to the procurement claims being reported using the interim tracking system (ITS) report instead of the Western Renewable Energy Generation Information System (WREGIS), claimed from the following facilities: SB1\_2007G2, SB1\_2008G1, SB1\_2008G2, SB1\_2009G1, SB1\_2009G2, SB1\_2011G1, SB1\_2011G2, SB1\_2011G3, SB1\_2011G4, SB1\_2011G7, SB1\_2012G4, SB1\_2013G4, SB1\_2013G3, SB1\_2013G2, SB1\_2013G1. The *Renewables Portfolio Standard Eligibility Guidebook* requires that all procurement claims from aggregated facilities are reported through WREGIS.<sup>7</sup>

| <b>Overview of RPS Claims (MWh):</b>  |                  |
|---|------------------|
| Total RPS Claims Reported   | <b>6,341,763</b> |
| <b>Ineligible Claims:</b>   |                  |
| Amount ineligible because facility is not RPS-Certified when RECs were created                    | 9,015            |
| Amount ineligible because the claim was retired more than 36 months after the vintage of the RECs |                  |
| Amount ineligible due to double claiming of RECs  |                  |
| Amount ineligible because facility exceeded fossil fuel usage limit or used ineligible fuel       |                  |
| Amount ineligible because generation not reported through WREGIS                                  | 1,382            |
| Claims with a pre-2011 vintage are only eligible for historic carryover                           |                  |
| <b>Withdrawn Claims</b>   |                  |
| Amount withdrawn by LSE   | 0                |
| <b>Claims Eligible Toward the RPS</b>   | <b>6,331,366</b> |

<sup>6</sup> For additional information regarding the eligibility date, refer to Section IV in the *RPS Eligibility Guidebook, Eighth Edition*.

<sup>7</sup> For additional information regarding aggregated units, refer to Section IV in the *RPS Eligibility Guidebook, Eighth Edition*.



STATE OF CALIFORNIA  
**CALIFORNIA ENERGY COMMISSION**  
 Renewables Portfolio Standard

Sacramento Municipal Utility District  
 Compliance Period 1 (CP 1)

| Procurement Target Calculation (MWh) | Calendar Year | Annual Retail Sales | Soft Target Percentage | Soft Targets     |
|--------------------------------------|---------------|---------------------|------------------------|------------------|
|                                      | 2011          | 10,385,013          | 20%                    | 2,077,002        |
|                                      | 2012          | 10,454,769          | 20%                    | 2,090,953        |
|                                      | 2013          | 10,446,627          | 20%                    | 2,089,325        |
| <b>Procurement Target</b>            |               |                     |                        | <b>6,257,280</b> |

| Eligible RECs Retired and Applied <sup>1</sup> | Category 0 (PCC 0) | Category 1 (PCC 1) | Category 3 (PCC 3) | Pre-June 2010 PCC 3 | Total <sup>2</sup> |
|--|--------------------|--------------------|--------------------|---------------------|--------------------|
| Eligible RECs Retired                          | 5,489,327          | 737,029            | 64,304             | 40,705              | 6,331,365          |
| Eligible RECs Applied                          | 5,489,327          | 662,944            | 64,304             | 40,705              | 6,257,280          |

| RPS Portfolio Balance Requirements (MWh)    | CP 1    |
|---|---------|
| Category 1 Balance Requirement <sup>3</sup> | 363,624 |
| Category 3 Balance Limitation <sup>4</sup>  | 181,812 |
| Disallowed Category 3 RECs                  | 0       |

| RPS Requirement Deficits               | CP 1 |
|--|------|
| Procurement Target Deficit             | 0    |
| Category 1 Balance Requirement Deficit | 0    |
| Percent Renewable for CP1              | 20%  |

| Optional Compliance Measures Applied | CP 1 |
|--------------------------------------|------|
| Cost Limitations                     | No   |
| Delay of Timely Compliance           | No   |
| Portfolio Balance Reduction          | No   |

| Excess Procurement Calculation (MWh)                | CP 1          |
|---|---------------|
| Total RECs Retired, less disallowed Category 3 RECs | 6,331,365     |
| RECs Applied to Target                              | 6,257,280     |
| Category 3 RECs Not Applied                         | 0             |
| Short Term RECs                                     | 0             |
| <b>Eligible Excess Procurement</b>                  | <b>74,085</b> |

| Balance of Additional Procurement (MWh) | Starting Balance | Accumulated in CP 1 | Applied to CP 1 | Remaining Balance |
|---|------------------|---------------------|-----------------|-------------------|
| Historic Carryover                      | 2,666,104        | 0                   | 0               | 2,666,104         |
| PCC 1 Excess Procurement                | 0                | 74,085              | 0               | 74,085            |

1. Only includes REC categories that are claimed by the POU listed above

2. Total RECs Applied does not include Disallowed Category 3 RECs

3. Calculated as lesser of RECs retired or procurement target less Category 0 RECs, pre-June 2010 RECs, and Historic Carryover, multiplied by 0.5

4. Calculated as lesser of RECs retired or procurement target less Category 0 RECs, pre-June 2010 RECs, and Historic Carryover, multiplied by 0.25