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California Energy Commission

STAFF DRAFT REPORT

Renewables Portfolio Standard Verification Results

Merced Irrigation District

Compliance Period 4 (2021–2024)

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California Energy Commission

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DISCLAIMER

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ABSTRACT

This *Renewables Portfolio Standard Verification Results Report* covers the verification results for Merced Irrigation District for Compliance Period 4, which covers 2021 through 2024.

Keywords: Renewables Portfolio Standard, RPS, Renewable Energy Credits, RECs, renewable attributes, retail sellers, annual procurement target, certification, verification, compliance, generation, load-serving entities, Long-term Procurement Requirement, local publicly owned electric utilities, POU, Portfolio Content Categories, historic carryover, optional compliance measures, Western Renewable Energy Generation Information System, WREGIS

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RPS Verification Results: Compliance Period 4

Merced Irrigation District

Background

The California Energy Commission (CEC) administers the state's landmark Renewables Portfolio Standard (RPS), ensures the state's utilities disclose electricity sources to consumers, supports renewable energy development, and tracks the state's progress toward its renewable energy goals. Enacted by Senate Bill 1078 (Sher, Chapter 516, Statutes of 2002) and accelerated and expanded by subsequent legislation, California's RPS establishes increasing renewable energy procurement targets spanning multiyear compliance periods for the state's electric load-serving entities (LSEs). Originally applicable to retail sellers, the statewide mandatory RPS was expanded by Senate Bill X1-2 (Simitian, Chapter 1, Statutes of 2011, First Extraordinary Session) to include local publicly owned electric utilities (POUs). As a result of Senate Bill 100 (De León, Chapter 312, Statutes of 2018), LSEs are required to increase their procurement of eligible renewable energy resources to 60 percent of retail sales by 2030.

As part of its responsibilities, the CEC verifies the eligibility of renewable energy procured by LSEs, which include retail sellers and POUs that are obligated to participate in California's RPS. The CEC is also responsible for certifying RPS-eligible renewable energy resources and overseeing compliance and enforcement of POUs. The California Public Utilities Commission (CPUC) is responsible for compliance and enforcement for retail sellers.

Report Overview

This report covers the RPS verification results for POU procurement claims for Compliance Period 4, which covers 2021 through 2024. The verification report provides an overview of the identified POU's results and tables, including:¹

- The POU's procurement target and portfolio balance requirements and limitations.
- The amount of eligible renewable energy credits (RECs) retired, and the amount applied to meet the compliance period requirements, both shown by Portfolio Content Category classification and Long-Term Procurement Requirement classification, as applicable.
- Any deficits in meeting RPS procurement requirements for the compliance period.
- Any optional compliance measures being applied by the POU for the compliance period.
- A calculation of excess procurement accumulated in this compliance period.
- A summary of the POU's excess procurement and historic carryover, if any, including any prior balance, the amount accumulated and used in the current compliance period, and remaining balance.

¹ The contents of verification results reports will vary for POUs with specific exclusions, exceptions, or different procurement requirements under the RPS statutes and as described in the [Enforcement Procedures for the Renewables Portfolio Standard for Local Publicly Owned Electric Utilities](#) based on the requirements specific to that POU.

In adopting this report, the CEC finds the procurement claim amounts listed are consistent with RPS certification and procurement requirements specified in the [*Renewables Portfolio Standard Eligibility Guidebook, Ninth Edition \(Revised\)*](#) and the [*Enforcement Procedures for the Renewables Portfolio Standard for Local Publicly Owned Electric Utilities*](#) and are eligible for the RPS as indicated. Therefore, the procurement claim amounts count toward meeting the identified POU's RPS procurement requirements.

Verification Process

The methods used by the CEC to verify load-serving entity procurement claims are detailed in the [*Renewables Portfolio Standard Eligibility Guidebook, Ninth Edition \(Revised\)*](#) and further explained in the [*Renewables Portfolio Standard Verification Methodology Report, Fourth Edition*](#).²

The verification results presented in this report are not a compliance determination. After the POU's verification results are adopted by the CEC, staff will use the verification results to determine if the POU complied with the RPS requirements for Compliance Period 4 in accordance with the [*Enforcement Procedures for the Renewables Portfolio Standard for Local Publicly Owned Electric Utilities*](#).³ The CEC executive director will make a compliance determination informed by the verification results presented in each POU's verification results report 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.

Verification Results

For RPS Compliance Period 4 (2021–2024), the Merced Irrigation District retired and reported 334,551 RECs, and 334,551 RECs were verified by the CEC as RPS-eligible. Each [POU's summary claims report](#), which includes claim eligibility details, is available at <https://www.energy.ca.gov/programs-and-topics/programs/renewables-portfolio-standard/renewables-portfolio-standard/renewables>.

For Compliance Period 4, Merced Irrigation District had a procurement target of 828,951 RECs, which represents the sum of all the annual soft targets of its retail sales over 2021–2024. Merced Irrigation District applied 325,988 RECs from Compliance Period 4 RPS-eligible RECs toward its procurement requirements, equal to 15.67 percent of its retail sales for the compliance period and had a procurement target deficit of 502,963 RECs.

Merced Irrigation District applied the cost limitation optional compliance measure to meet its procurement requirements. CEC staff will evaluate optional compliance measures following adoption of Merced Irrigation District's Compliance Period 4 (2021–2024) verification results.

² Refer to Chapter 7 of the [*Renewables Portfolio Standard Eligibility Guidebook, Ninth Edition \(Revised\)*](#) and the [*Renewables Portfolio Standard Verification Methodology Report, Fourth Edition*](#).

³ The [*Enforcement Procedures for the Renewables Portfolio Standard for Local Publicly Owned Electric Utilities*](#), with the most recent update having taken effect July 12, 2021, are set forth in 20 CCR §§ 1240 and 3200–3208 and establish the rules and procedures by which the CEC will assess a POU's procurement actions and determine whether those actions meet the RPS requirements.



Compliance Period (CP) 4 RPS Requirement Calculations

Procurement Target Calculation (MWh)			
Calendar Year	Annual Retail Sales	Soft Target Percentage ¹	Soft Targets
2021	521,528	35.75	186,446
2022	535,680	38.50	206,236
2023	505,765	41.25	208,628
2024	517,366	44.00	227,641
Procurement Target			828,951

Portfolio Balance Requirement Calculation (PBR) (MWh) ²						
RECs Applied	Category 0 Applied	Total Pre June 1, 2010, Applied	Historic Carryover Applied	Category	PBR Percentage	Balance Requirements
325,988	20,178	0	0	Category 1 minimum	75	229,357
				Category 3 limit	10	31,437

Long-Term Procurement Requirement Calculation (MWh) ³	
65% (RECs Applied)	
65% (828,951)	
Long-Term Procurement Requirement	211,892

Compliance Period 4 Verification Results

Procurement Target (MWh)	
Target	828,951
Applied	325,988
Deficit	502,963
Renewable Percentage	15.67%
RPS Portfolio Balance Requirements (MWh)	
Category 1 Balance Requirement	229,357
Category 1 Applied	274,373
Category 1 Requirement Deficit	0
Category 3 Balance Limitation	31,437
Category 3 Applied	40,000
Category 3 Disallowed	8,563

Long-Term Procurement Requirement	
Long-Term Procurement Requirement	211,892
Long-Term Applied	334,551
Long-Term Procurement Requirement Deficit	0
Optional Compliance Measures Applied	
Cost Limitation	Yes
Delay of Timely Compliance	No
Portfolio Balance Reduction	No

RECs Available and Applied in Compliance Period 4

RECs Available (MWh)						
Portfolio Content Category (PCC)	Surplus RECs	Prior Balances Available		Eligible RECs Retired in CP4		Total RECs Available
		Long-Term	Short-Term	Long-Term	Short-Term	
Category 0 (PCC 0)	0			20,178		20,178
Pre June 2010 PCC 1	0	0		0	0	0
Pre June 2010 PCC 2	0	0		0	0	0
Pre June 2010 PCC 3	0			0	0	0
Category 1 (PCC 1)	0	0		274,373	0	274,343
Category 2 (PCC 2)	0	0		0	0	0
Category 3 (PCC 3)	0			40,000	0	40,000
Historic Carryover		0				
Subtotal	0	0		334,551	0	
Total RECs Available						334,551

CP 4 RECs Applied (MWh)						
Portfolio Content Category (PCC)	Surplus RECs	Prior Balances Applied		Eligible RECs Retired in CP4		Total RECs Applied
		Long-Term	Short-Term	Long-Term	Short-Term	
Category 0 (PCC 0)	0	0		20,178		20,178
Pre June 2010 PCC 1	0	0		0	0	0
Pre June 2010 PCC 2	0	0		0	0	0
Pre June 2010 PCC 3	0			0	0	0
Category 1 (PCC 1)	0	0		274,343	0	274,373
Category 2 (PCC 2)	0	0		0	0	0
Category 3 (PCC 3)	0			40,000	0	40,000
Historic Carryover		0				0
Subtotal	0	0			0	
Total RECS Applied						334,551

Excess Procurement

CP 4 Excess Procurement Calculation (MWh) ⁴						
Portfolio Content Category (PCC)	CP 4 Eligible RECs Retired		CP 4 RECs Applied		CP 4 Accumulated	
	Long-Term	Short-Term	Long-Term	Short-Term	Long-Term	Short-Term
Category 0 (PCC 0)	20,178		20,178		0	
Pre June 2010 PCC 1	0	0	0	0	0	0
Category 1 (PCC 1)	274,373	0	274,343	0	0	0
Subtotal	294,551	0	294,551	0		
Total RECS Accumulated						0

Balance of Excess Procurement and Historic Carryover (MWh)								
Portfolio Content Category (PCC)	Beginning Balance		Applied in CP4		Accumulated in CP4		Ending Balance	
	Long-Term	Short-Term	Long-Term	Short-Term	Long-Term	Short-Term	Long-Term	Short-Term
Category 0 (PCC 0)	0		0		0		0	
Pre June 2010 PCC 1	0		0		0	0	0	0
Pre June 2010 PCC 2	0		0				0	
Category 1 (PCC 1)	0		0		0	0	0	0
Category 2 (PCC 2)	0		0				0	
Historic Carryover	0		0				0	
Subtotal	0		0		0	0		
Total Ending Balance							0	

1 "Soft Target" is defined in Section 3204(a)(4) of the [RPS POU Regulations](#).

2 Calculated as specified in Section 3204(c)(3) of the [RPS POU Regulations](#).

3 Calculated as specified in Section 3204(d)(1) of the [RPS POU Regulations](#).

4 Calculated as described in the [RPS Verification Methodology Report, Fourth Edition](#) and in Section 3206(a)(1) of the [RPS POU Regulations](#).

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