



# **Item 5: Renewables Portfolio Standard 2017-2020 Verification Results Reports**

December 13, 2023, Business Meeting

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# Benefits to Californians

**Verifies accurate reporting  
of renewable energy  
procurement by California  
utilities**



Source: <https://us.gedore.com/en/highlights/industry-highlights/regenerative-energies/>

**Supports calculation of  
whether we are on track for  
renewable energy goals**



Source: <https://www.aps.com/en/About/Careers/Working-at-APS>

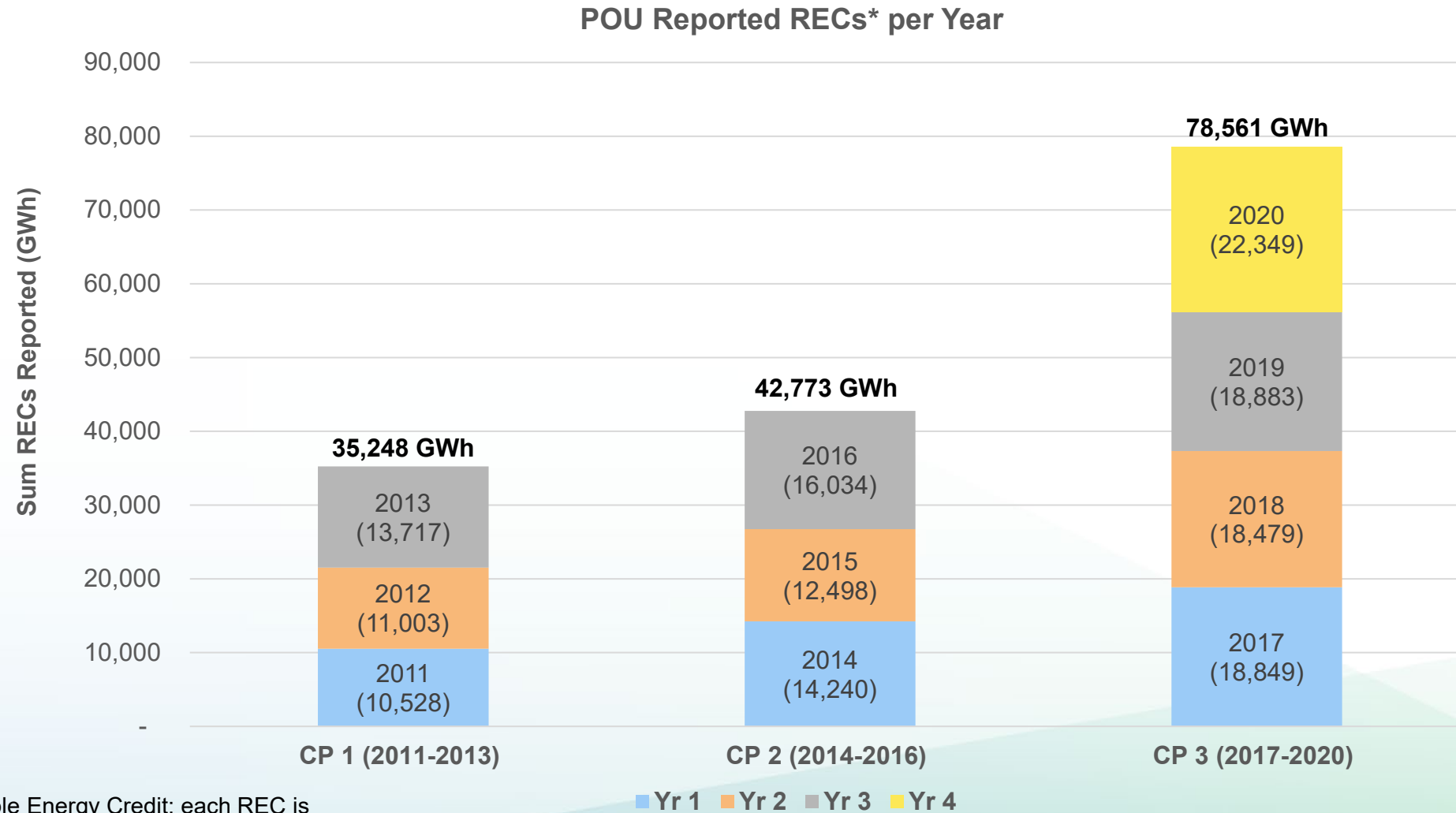


# Compliance Period 3 Overview

|            |  |
|------------|--|
| 01/01/2017 | Compliance Period 3 Starts                     |
| 12/31/2020 | Compliance Period 3 Closes                     |
| 09/01/2021 | RPS Claims Data Received                       |
| 01/25/2023 | Retail Sellers' Report Adopted                 |
| 11/07/2023 | Draft reports posted for public comment        |
| 12/13/2023 | Adoption for 28 Draft POU Verification Reports |



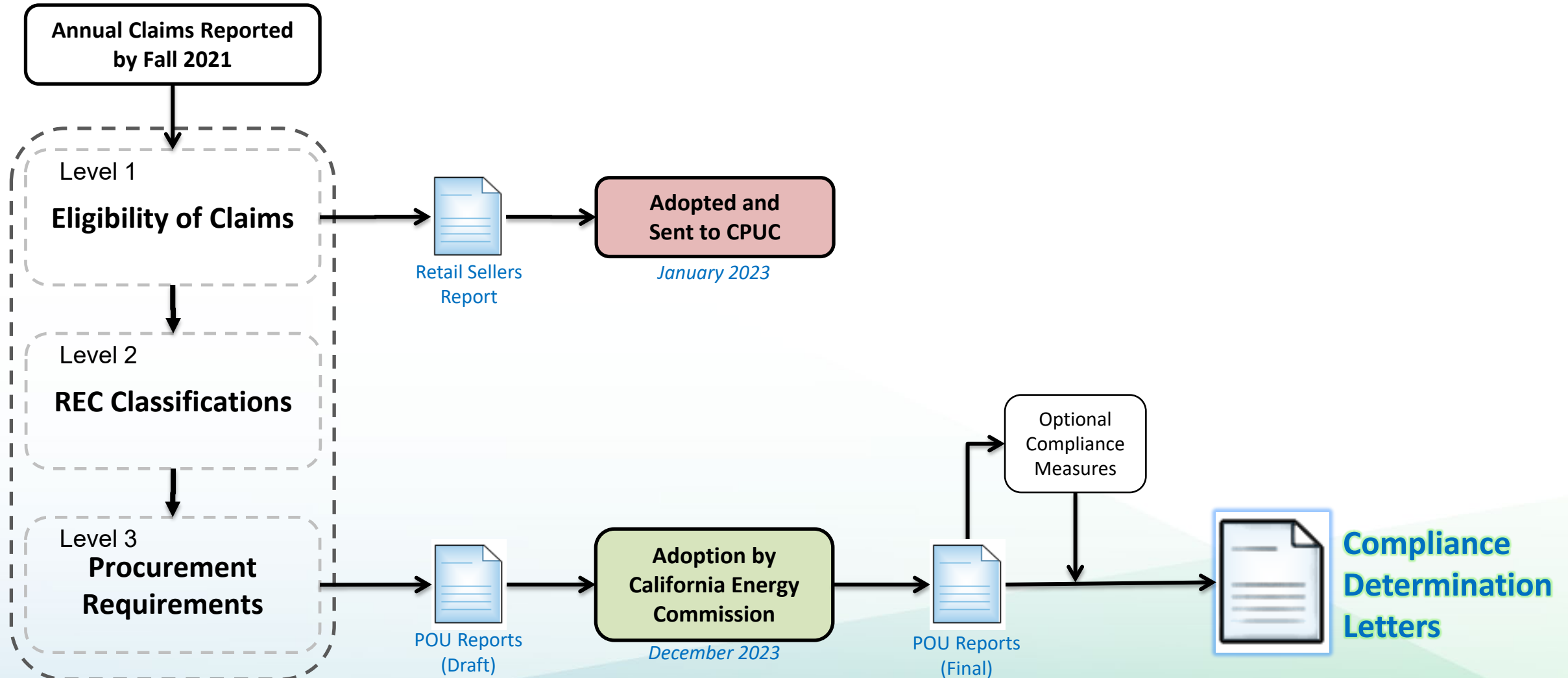
# Reporting by Compliance Period



REC = Renewable Energy Credit; each REC is equal to 1 MWh of generation

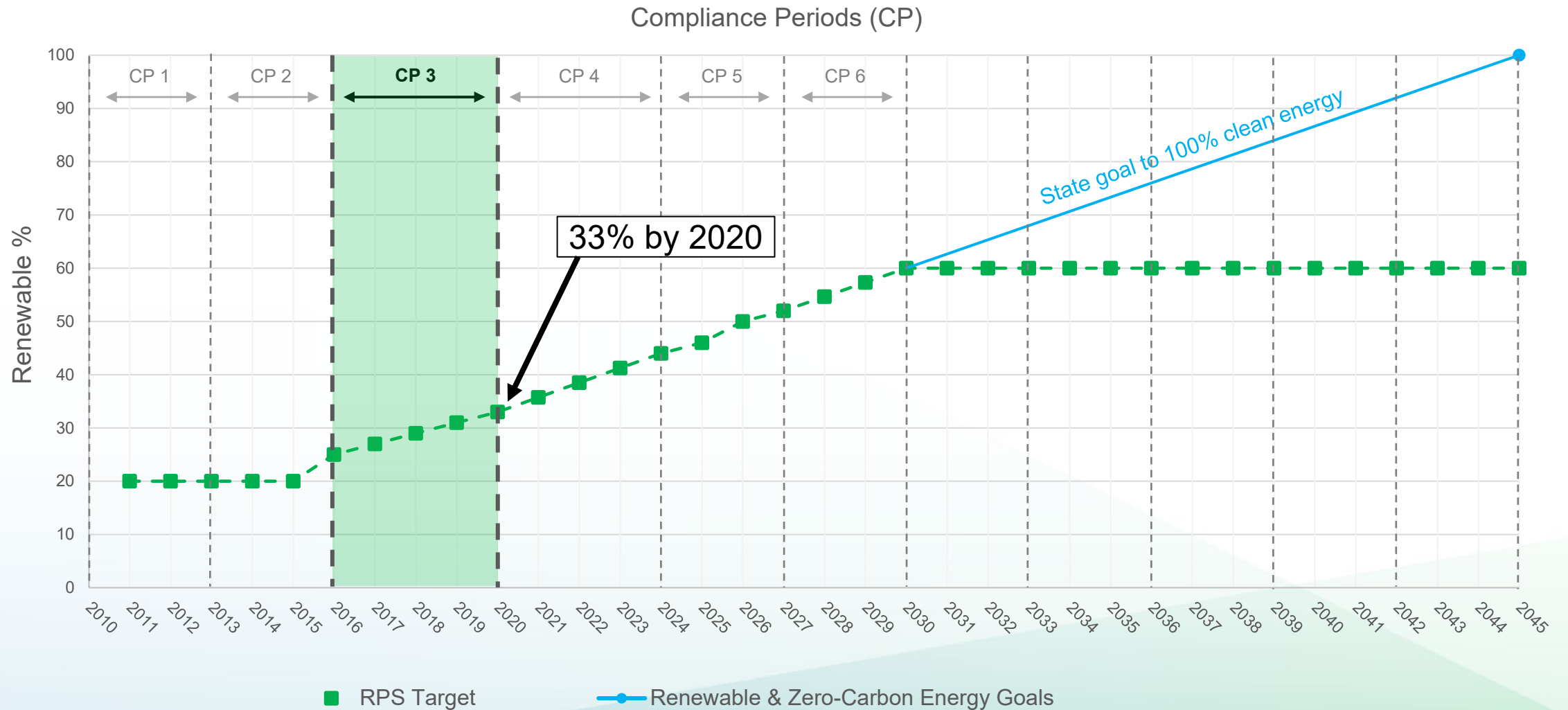


# Verification & Compliance Process



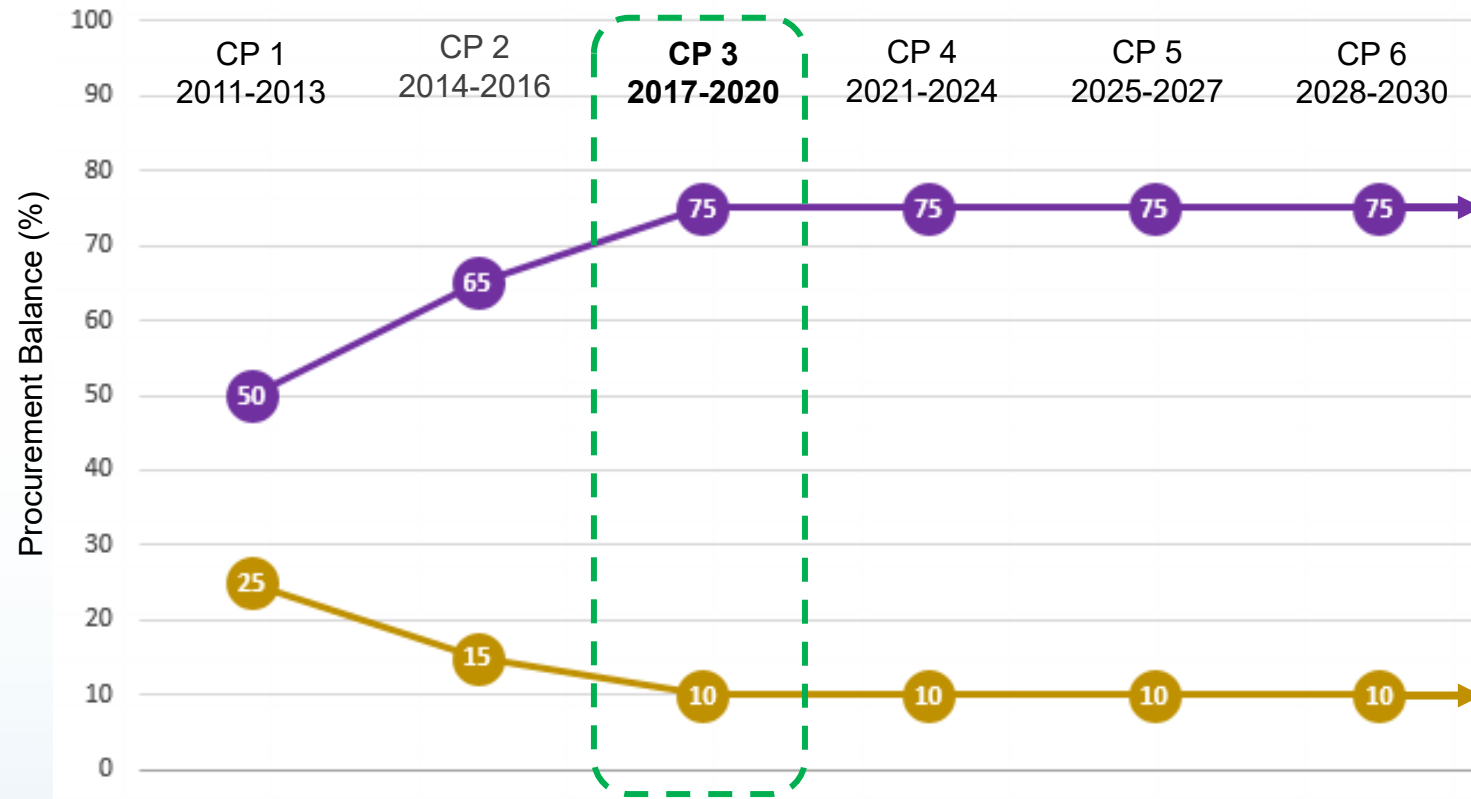


# Procurement Targets

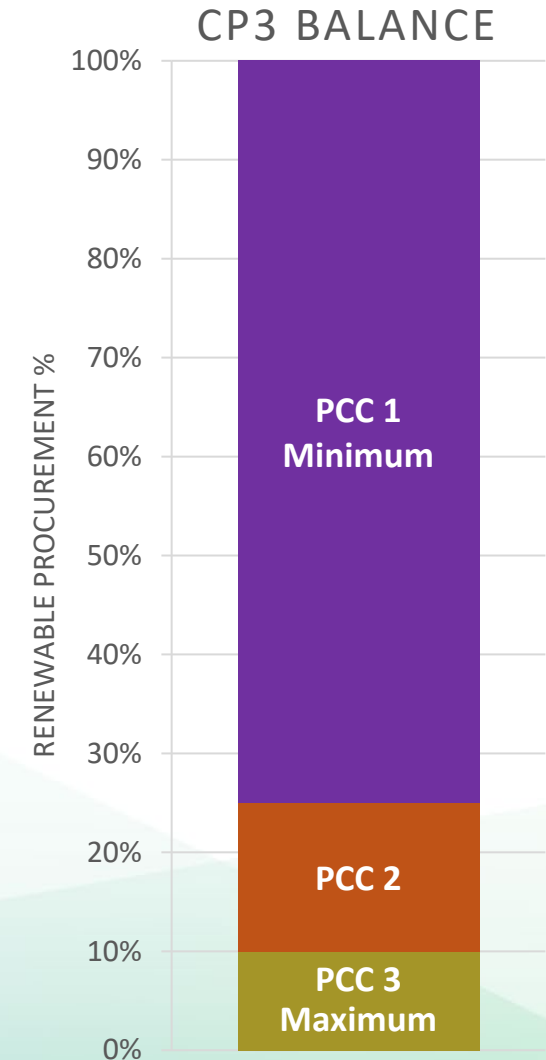




# Portfolio Balance Requirements (PBR)



- Minimum Portfolio Content Category 1 – Bundled product (energy + REC)
- Maximum Portfolio Content Category 3 – Unbundled product (REC only)



\*PCC = Portfolio Content Category



# Verification Results Reports



CALIFORNIA  
ENERGY COMMISSION



CALIFORNIA  
NATURAL  
RESOURCES  
AGENCY

California Energy Commission  
**STAFF DRAFT REPORT**

## Renewables Portfolio Standard Verification Results

Alameda Municipal Power  
Compliance Period 3 (2017-2020)

November 2023 | CEC-300-2023-009-SD|



Renewables Portfolio Standard

Compliance Period  
(2017-20)

|   | Calendar Year      | Annual Retail Sales | Green Pricing Program | Qualifying Hydroelectric Generation | Soft Target Percentage | Soft Targets |
|---|--------------------|---------------------|-----------------------|-------------------------------------|------------------------|--------------|
| Procurement Target Calculation (MWh) <sup>1</sup> | 2017               | 335,292             | 0                     | 0                                   | 27                     | 90,528       |
|   | 2018               | 319,173             | 0                     | 0                                   | 29                     | 92,560       |
|   | 2019               | 335,205             | 0                     | 0                                   | 32                     | 103,913      |
|   | 2020               | 331,939             | 0                     | 0                                   | 33                     | 109,539      |
|   | Procurement Target |                     |                       |                                     |                        | 396,540      |

| Verification Results |         |
|----------------------|---------|
| Target               | 396,540 |
| Applied              | 396,540 |
| Deficit              | 0       |
| Renewable Percentage | 30.00%  |

| RECs Available <sup>1</sup> | Surplus RECs | Eligible RECs Retired in CP3 | Prior Balances Available | Total RECs Available |
|-----------------------------|--------------|------------------------------|--------------------------|----------------------|
| Category 0 (PCC 0)          | 0            | 370,528                      | 726,576                  | 1,097,102            |
| June 2010 PCC 1             | 0            | 0                            | 0                        | 0                    |
| June 2010 PCC 2             | 0            | 0                            | 0                        | 0                    |
| June 2010 PCC 3             | 0            | 0                            | 0                        | 0                    |
| Category 1 (PCC 1)          | 0            | 152,627                      | 62,592                   | 215,219              |
| Category 2 (PCC 2)          | 0            | 0                            | 0                        | 0                    |
| Category 3 (PCC 3)          | 0            | 0                            | 0                        | 0                    |
| Historic Carryover          |              |                              | 469,693                  | 469,693              |
|                             |              |                              | Total                    | 1,782,013            |

| RECs Applied       | Surplus RECs | Eligible RECs Retired in CP3 | Prior Balances Applied | Total RECs Applied |
|--------------------|--------------|------------------------------|------------------------|--------------------|
| Category 0 (PCC 0) | 0            | 0                            | 0                      | 0                  |
| June 2010 PCC 1    | 0            | 0                            | 0                      | 0                  |
| June 2010 PCC 2    | 0            | 0                            | 0                      | 0                  |
| June 2010 PCC 3    | 0            | 0                            | 0                      | 0                  |
| Category 1 (PCC 1) | 0            | 0                            | 0                      | 0                  |
| Category 2 (PCC 2) | 0            | 0                            | 0                      | 0                  |
| Category 3 (PCC 3) | 0            | 0                            | 0                      | 0                  |
| Historic Carryover |              |                              | 396,540                | 396,540            |
|                    |              |                              | Total                  | 396,540            |

### RPS Portfolio Balance Requirements (MWh)<sup>1</sup>

|                                |   |
|--------------------------------|---|
| Category 1 Balance Requirement | 0 |
| Category 1 Requirement Deficit | 0 |
| Category 3 Balance Limitation  | 0 |
| Category 3 Disallowed          | 0 |

| CP3 Excess Procurement Calculation (MWh) <sup>1</sup> | Eligible RECs Retired | RECs Applied | Deductions | Accumulated in CP3 |
|---|-----------------------|--------------|------------|--------------------|
| Category 0 (PCC 0)                                    | 370,528               | 0            |            | 370,528            |
| June 2010 PCC 1                                       | 0                     | 0            | 0          | 0                  |
| June 2010 PCC 2                                       | 0                     | 0            | 0          | 0                  |
| Category 1 (PCC 1)                                    | 152,627               | 0            | 0          | 152,627            |
| Category 2 (PCC 2)                                    | 0                     | 0            | 0          | 0                  |

| Balance of Excess Procurement and Historic Carryover (MWh) | Beginning Balance | Applied in CP3 | Accumulated in CP3 | Ending Balance |
|--|-------------------|----------------|--------------------|----------------|
| Category 0 (PCC 0)   | 726,576           | 0              | 370,528            | 1,097,102      |
| June 2010 PCC 1  | 0                 | 0              | 0                  | 0              |
| June 2010 PCC 2  | 0                 | 0              | 0                  | 0              |
| Category 1 (PCC 1)   | 62,592            | 0              | 152,627            | 215,219        |
| Category 2 (PCC 2)   | 0                 | 0              | 0                  | 0              |
| Historic Carryover   | 469,693           | 396,540        |                    | 73,153         |

<sup>1</sup> Target<sup>1</sup> is defined in section 3224(a)(2) of the RPS Policy Regulations.  
<sup>2</sup> RECs verified as Available during CP 3, does not include Disallowed PCC

### Optional Compliance Measures Applied

|                             |   |
|-----------------------------|---|
| Cost Limitation             | h |
| Delay of Timely Compliance  | h |
| Portfolio Balance Reduction | h |





# Public Comment Period

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- Posted on November 7 with 2-week comment period
- No comments received from the POUs
- Comments received from one member of the public
- Staff discussed with member of the public and will be providing some of the underlying data
- No changes to final verification reports



# POU Verification Summary

## 43 POUs subject to RPS Requirements

### ➤ 28 Reports presented today

#### ➤ 23 Reports

- Met or exceeded RPS procurement target
- Met RPS portfolio balance requirements

#### ➤ 5 Reports

- Did not meet RPS procurement and/or portfolio balance requirements
- Elected to apply Optional Compliance Measures

*\*One POU opted for voluntary early compliance with long-term procurement requirement for CP 3*



# Next Steps

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## **Notify 23 POUs Meeting All Requirements**

- Executive Director Compliance Determination Letters

## **Evaluate 5 POUs' Optional Compliance Measures**

- Executive Director will Notify POUs of Compliance Determination
- Follow the Enforcement Process, if needed

## **Adopt remaining 15 POUs Verification Reports**

- Resolve remaining items delaying 15 POUs
- Adopt at a Q2 business meeting

## **Continue Compliance Period 4 Analysis**

- Continue to find ways to streamline review
- WREGIS tracking system update



# Staff Recommendation

- Adopt the Resolution adopting the 28 POU Verification Results Reports for Compliance Period 3.

| List of 28 POUs Recommended for Adoption |                                 |   |  |
|--|---------------------------------|---|--|
| Alameda Municipal Power                  | Eastside Power Authority        | Moreno Valley, City of                      | Sacramento Municipal Utility District  |
| Anaheim Public Utilities                 | Healdsburg, City of             | Needles, City of                            | Shasta Lake, City of                   |
| Azusa Light & Water                      | Imperial Irrigation District    | Oakland, Port of                            | Stockton, City of                      |
| Banning, City of                         | Kirkwood Meadows Public Utility | Palo Alto, City of                          | Truckee Donner Public Utility District |
| Biggs Municipal Services                 | Lodi Electric Utility           | Power and Water Resources Pooling Authority | Ukiah, City of                         |
| Cerritos, City of                        | Lompoc, City of                 | Redding, City of                            | Vernon, City of                        |
| Colton, City of                          | Merced Irrigation District      | Riverside, City of                          | Victorville, City of                   |