

CCA PROCUREMENT REGULATORY REQUIREMENTS

MARCH 2, 2016

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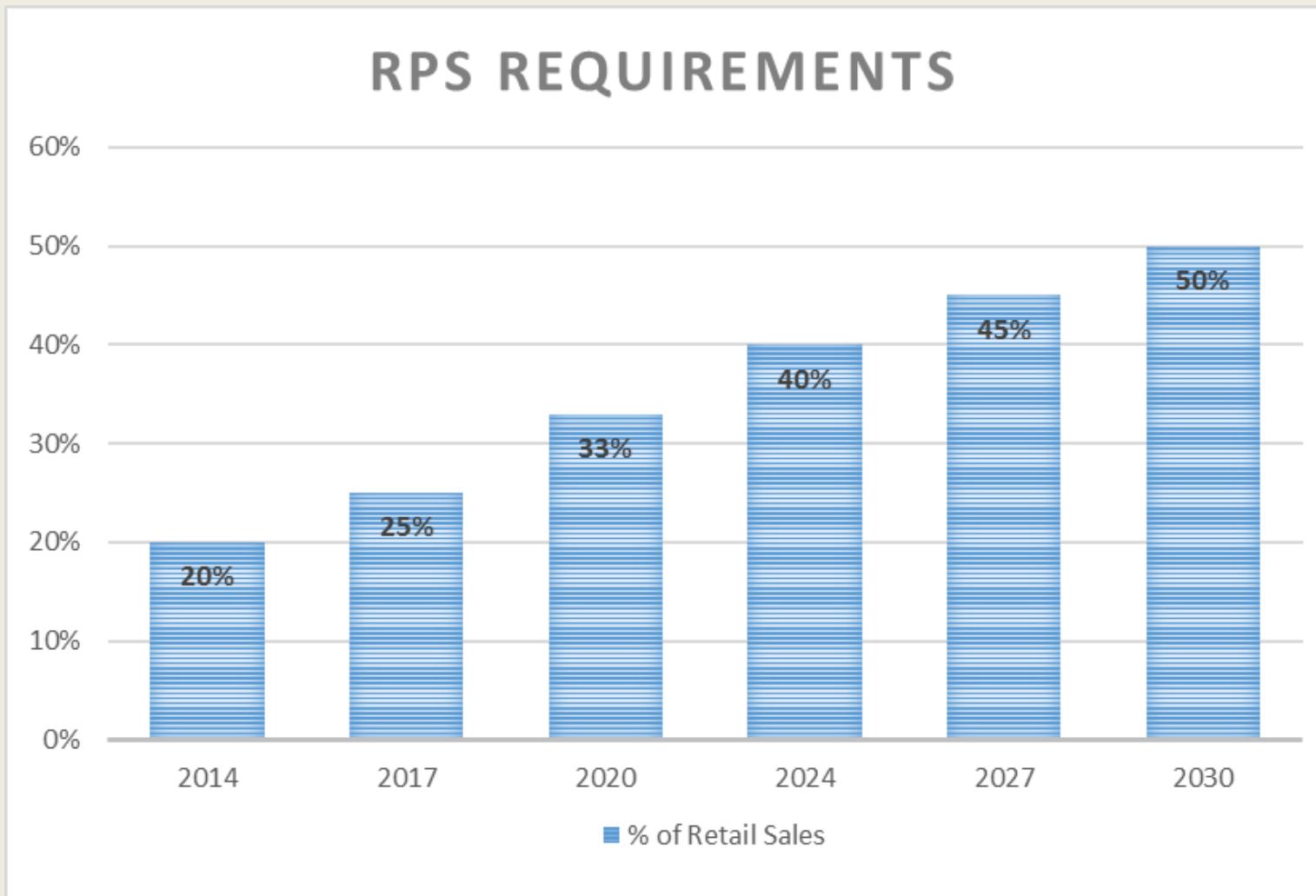
REGULATORY REQUIREMENTS

- **Renewable Portfolio standards**
- **Resource Adequacy Requirements**
- **Energy Storage Requirements**
- **Additional Requirements from SB 350**

RPS REQUIREMENTS

- **SB 1078 in 2002: 20% renewables by 2017**
- **SB 107 in 2006: 20% by 2010**
- **SB 2 in 2011: 33% by 2020**
- **SB 350 in 2015: 50% by 2030**

RPS REQUIREMENTS



RPS ELIGIBLE SOURCES

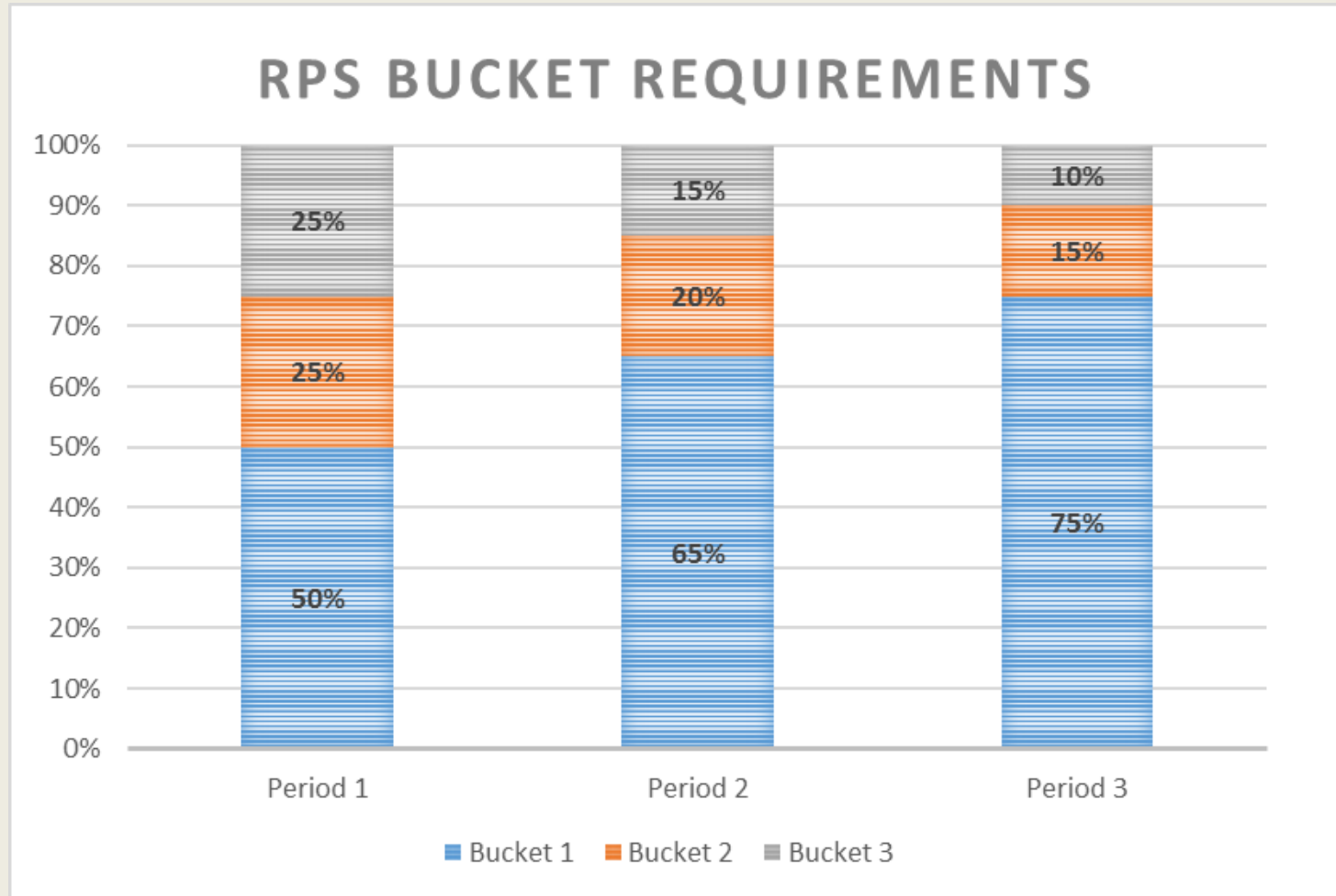
Eligible Without Qualification	Eligible Subject to Criteria	Ineligible
Solar	Fuel Cell	Large Hydroelectric
Tidal Current	Small Hydroelectric	Nuclear
Wind	Conduit Hydroelectric	
Ocean Thermal/Wave	Water supply/conveyance	
Biodiesel	Incremental Hydroelectric	
Biomass	Municipal Solid Waste	
Biogas		

PORTFOLIO CONTENT CATEGORIES

3 content categories or “buckets” for RPS sources

- **Bucket 1:** Renewable Energy delivered in California
- **Bucket 2:** Equal amount of energy and RECs, but not necessarily at the same time but on a specified schedule
- **Bucket 3:** Unbundled RECs

BUCKET REQUIREMENTS/LIMITATIONS



RESOURCE ADEQUACY (RA)

- **System RA:** Generation equal to total load forecast + 15% planning reserve margin
- **Local RA:** Generation equals to total load forecast for a particular constrained region (Bay Area)
- **Flexile RA:** (New) how quickly the power plants can ramp up or down.

RA FILING REQUIREMENTS

- **Annual filings:**
 - **90% of System RA for the upcoming summer**
 - **100% of Local RA and 90% of Flexible RA for each month of the coming year**
- **Monthly filings:**
 - **100% of System RA obligation**
 - **100% of Flexible RA obligation**
 - **Revised Local RA obligation for May-December**

ENERGY STORAGE

- **Established by AB 2514 (2013)**
- **Requires:**
 - **Storage projects to meet 1% of peak load**
 - **Contracts by 2020**
 - **In place by 2024**

SB 350 REQUIREMENTS FOR CCAS

- 5-year renewable energy procurement plan
- Annual compliance report that includes:
 - Current status and progress made in prior year towards RPS procurement
 - Recommendations to remove impediments to achieving RPS goals