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***Incorporating SCEs Demand Side
LCR resource CAM resources into the
Load Forecast Process***

2016-10-27

LCR Demand Side Resources

LCR application filed on November 21, 2014 with resources forecast to reach COD between 2017-2020

- CPUC approved all demand side resources although the application is still held up in the appeals process
- SCE waived appeals process for preferred resources in 2017

LCR demand side resources deemed to be “incremental” to existing CEC IEPR forecast

- Currently all other existing demand side programs are incorporated into the yearly RA process
- Cost Allocation Mechanism (CAM) construct approved to socialize RA capacity value

Delineation between LCR demand side resource types for peak load forecasting discussion (2 types)

1. Supply-side Demand Response (DR) resources bid into the CAISO market
2. Behind-the-meter Distributed Generation (DG), Energy Efficiency (EE) and Permanent Load Shift (PLS)

What is the most efficient way to incorporate LCR demand side resources into the existing Resource Adequacy framework?

LCR Demand Side Resources

Proposed treatment of Supply-side resources bid into CAISO market

- Utilize contract capacity of the resource. Approach in line with how the Demand Response Auction Mechanism (DRAM) resources are treated
- Utilize the existing Cost Allocation Mechanism (CAM) construct for yearly & quarterly allocations of RA capacity value
 - Details posted to CPUC's web-site for program transparency



CAM Allocation

- [Quarterly CAM List 2016](#)
- [2016 Year Ahead CAM List Final Allocation](#)

140 MW of LCR Supply-side resources have been signed and executed

- All expected COD dates awaiting final seller agreement post-appeals process
- Up to 20 MW expected on-line during 2018

LCR Demand Side Resources

Proposed treatment of BTM DG, EE and PLS – **2018 and beyond**

- Incorporate into CPUC’s year-ahead RA obligations
 - Place LCR monthly MW values into LSE Allocations tab Element 5 OR create a new, separate Element solely for LCR
 - 204 MW of signed and executed BTM expected to reach COD in 2018 or later

CEC Adjustment for 4 Plausibility/Migrating load	SCE SDGE PGE
5 EE/DG/DR Adjustment	SCE SDGE PGE
Pro rata adjustment to match CEC forecast within 6 1%	SCE

Proposed treatment of BTM DG, EE and PLS – **2017**

- Year-ahead RA obligations already complete for 2017
 - CPUC to allocate RA credit quarterly through end of 2017 and then move to year-ahead process for years 2018 and beyond
 - 8 MW of signed and executed BTM expected to reach COD in 2017 (first COD is 09/27/17)

Next Steps

- For questions and comments, please contact:

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