



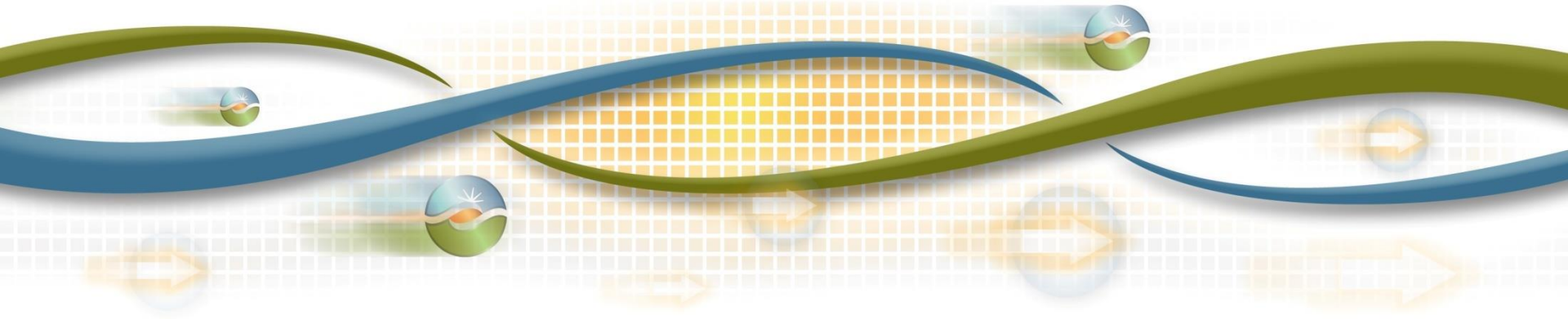
Energy Storage and Distributed Energy Resources Phase 2 (“ESDER2”)

Customer Partnership Group

Stakeholder Conference Call

December 13, 2017

9:00 a.m. - 10:00 a.m. (Pacific Time)



Agenda

- Performance Evaluation Methodologies
- Demand Response Registration System (DRRS)
 - Registration Changes
 - Demand Response System Retirement (DRS)
- Data Submissions in MRI-S
- Questions Received

Performance Evaluation Methodologies

- Currently supported
 - 10 in 10 day matching (moving from ISO-calculated to SC-calculated)
 - Meter Generator Output (SC-calculated)
- New (SC calculated)
 - Weather Matching
 - Day Matching (highest 5/10)
 - Control Group
- Baseline Accuracy Work Group Proposal
<http://www.caiso.com/Documents/2017BaselineAccuracyWorkGroupFinalProposalNexant.pdf>

DRRS-Registration Changes

- Submit Baseline Template for ISO approval
- Register upon ISO approval
- Approved Baseline Template will satisfy California ISO Tariff Section 10.3.7.1

DRRS-Registration Changes

- DRS will retire for Trade Dates beyond ESDER 2 Implementation
 - Remaining DRS functionality moved to new systems/participants
 - ✓ Meter Data Management (MRI-S)
 - ✓ Baseline Calculation (SC responsibility)
- SC will be responsible for calculation of the resources Baseline & resulting Demand Response Energy Measurement (DREM) when dispatched
- DRS will perform functions and remain running to accommodate Trade Dates prior to ESDER2 implementation until T+9 Months
 - Data submittals to DRS for these Trade Dated should continue following the settlement calendar

Data Submissions in MRI-S will include new Measurement Types

Requirements in current external BRS

- DREM as GEN measurement type
- Load data as LOAD measurement type
 - Represents the aggregated load value for the PDR/RDRR during the period of Spin or Non-Spin award/dispatch (event)
- Load data as MBMA measurement type
 - When awarded Spin or Non-Spin

New data submittal requirements based on tariff comments

- Adjusted Baseline Data submitted as load representing what was used in DREM calculation during event
- Load data as LOAD measurement type
 - Contemplating requiring submittal on a daily basis for all participation
- Control group load data – additional for control group baseline only
 - Contemplating requiring submittal on a daily basis for all participation

Questions Received

| BRQ From External BRS | Business Rule | Question(s) |
|-----------------------|--|--|
| ESDER2-BRQ0112 | The DRP/SC shall submit load data for the period of any AS award as LOAD measurement type in MRI-S. | Can you provide explanation/rationale for the use of data and formula in settlements? |
| ESDER2-BRQ0118 | The DRP/SC shall submit Load data for one interval prior to the DR Event and one interval after the DR event for Meter before Meter after (MBMA) value for the period of any AS award as MBMA measurement type in MRI-S. | Can you provide explanation/rationale for the use of data and formula? Does DRP provide CAISO two points and submit to MRI-S? |



Questions?

Next Steps

- Submit further questions or comments to:

Elaine Siegel
esiegel@caiso.com

- Customer Partnership Groups webpage available at:
<http://www.caiso.com/informed/Pages/MeetingsEvents/CustomersPartnershipGroups/Default.aspx>

Thank you!

Next Steps

- Request stakeholders to submit written comments by close of business August 7
- Submit to comments mailbox: initiativecomments@caiso.com

Thank you!