



**Data for Power System Modeling and Analysis
MOD-032-1
One Park Place
May 21, 2015**



MOD-032-1: Meeting Agenda

- Agenda
 - Introductions
 - MOD-032-1 Data for Power System Modeling and Analysis overview
 - Documentation Review
 - BPA MOD-32 Data Requirements and Process
 - WECC Data Preparation Manual
 - WECC Base Case Compilation Schedule
 - WECC Approved Dynamic Model Library





MOD-032-1: Overview

- Data for Power System Modeling and Analysis: MOD-032-1 is a consolidation and replacement of existing data collection standards:
 - MOD-010-0, MOD-011-0, MOD-012-0, MOD-013-1, MOD-014-0, and MOD-015-0.1
- MOD-032-1 requires data submission by applicable data owners to their respective Transmission Planner (TP) and/or Planning Coordinator (PC)
- Supports building the interconnection wide cases in the Western Interconnection





MOD-032-1: Overview cont.

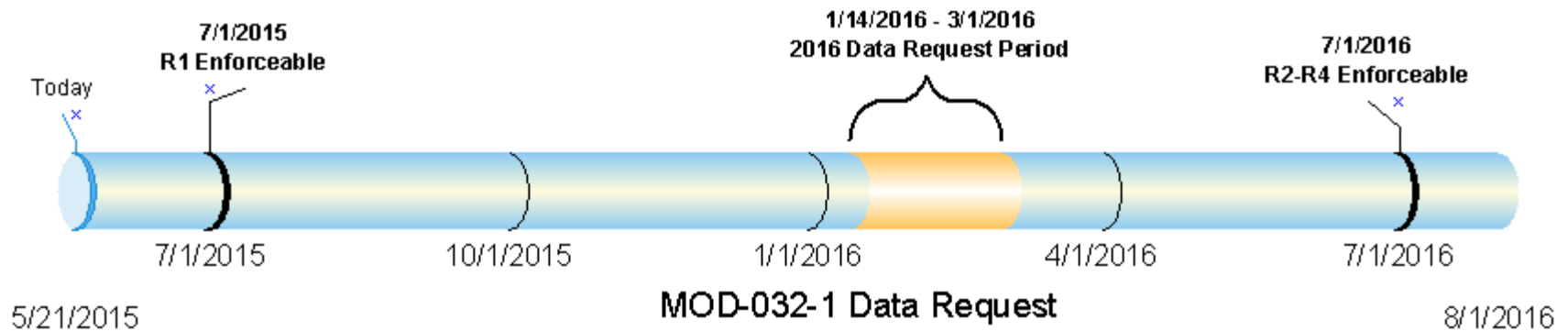
Requirement	Functional Entities	Enforceable Date	Description
R1	PC and TPs	7/1/2015	Process Development
R2	GO, LSE, and TO	7/1/2016*	Data response from customers
R3	GO, LSE, and TO	7/1/2016*	PC/TP Data validation
R4	PC	7/1/2016*	Data rollup to WECC

* See project key dates and milestones



Key Dates and Milestones

- Staged rollout:
 - 7/1/2015: R1 enforceable
 - 7/1/2016: R2-R4 enforceable, MOD-010 thru MOD-015 retired
 - 5 Year Cycle: MOD-026/027 still apply



What's in it for you?

- Consolidated data collection
 - Goal is to minimize data requests to customers
 - Goal is to decrease workload for customers
 - Simplified process
- Refreshing existing data collection processes for building the interconnection wide cases
- Consistent data submission format increases data quality and effectiveness
- BPA as the PC assist in entities compliance efforts
- Seeking to collaborate with TP's to improve BPA's data collection process
 - Please comment!
- It's the law – we all have to do it



MOD-032-1: Documents:

- MOD-032-1 Data Requirements and Reporting Procedures
 - Custodian: BPA (supplemental to DPM)

- WECC Data Preparation Manual (DPM)
 - Custodian: WECC SRWG

- WECC Base Case Compilation Schedule (BCCS)
 - Custodian: WECC SRWG

- WECC Approved Dynamic Model Library
 - Custodian: WECC MVWG



How is the process different for TPs vs. other functions:

- TP's
 - Annually submit to BPA as your PC
 - Typically 1st QTR of each calendar year
 - Submit to SRWG as requested per SRWG Base Case Compilation Schedule (BCCS)
 - Schedule can be found on page 4 of [Base Case Compilation Schedule](#)
- Everyone else (GO's, TO's, LSE's, & DP's)
 - Annually submit to BPA as your PC
 - Typically 1st QTR of each calendar year



Next steps:

- 6/4/15: Customers to comment on BPA's Data Requirements and reporting procedures
 - csreliabilityprogram@bpa.gov
- 6/26/15: BPA posts BPA's Data Requirements and reporting procedures V1
 - [BPA's Customer Service Reliability Program \(CSRP\)](#)
- 1/1/16*: BPA begins to implement BPA's Data Requirements and reporting procedures
- 3/1/16*: Data submission due back from customers
- 3/1/16 – 7/1/16: BPA validates and compiles data
 - BPA will work with entities if additional reconciliation is needed



Questions?



Please email csreliabilityprogram@bpa.gov

