

DRP Growth Scenarios Working Group Supplemental Background

April 17, 2017



Working Group Guidance (1 of 2)

The Growth Scenarios Working Group (GSWG) guidance was provided in the February 27, 2017 Assigned Commissioner's Ruling (ACR)

Description

“Working Group meetings will be held to address DER inputs/divergence from statewide planning assumptions and disaggregation methods.”

WG Task:

“The working group shall be tasked with clarifying the use cases, proposing the methodology and assumptions for DER adoption scenarios, and developing approaches to disaggregate forecasts to the circuit level.”

WG Expectations:

“While we expect that the growth scenarios will be developed consistent with the IEPR demand forecast used in the IRP and TPP, divergence from state-level assumptions may be necessary based on either better information available regarding the adoption of certain DER resources that has not been previously considered, or considerations regarding unique circumstances in application of the state level assumptions in local planning processes and models.”

Working Group Guidance (2 of 2)

WG Guiding Principles (from ACR):

- Development of growth scenarios needs to be coordinated with IRP and TPP processes in terms of process schedule and consistency of methodology and results
- Local DER adoption scenarios must support the primary distribution planning objectives of providing safe, reliable, affordable, and clean energy services to customers
- Input on known DER projects from distribution engineering staff is critical to maintaining reasonable local forecasts
- Information/feedback from stakeholders representing the various DERs could be beneficial in developing better locational DER adoption scenarios

Overall Schedule (from ACR)

Date	Activity
April 7, 2017	IOUs develop Draft Assumption and Framework document containing load and DER adoption assumptions and Trajectory/Most Likely scenario to be used for local area planning.
April 14, 2017—May 26, 2017	Working Group meetings will be held to address DER inputs/divergence from statewide planning assumptions and disaggregation methods.
June 9, 2017	IOUs submit revised Assumptions and Framework document
July 3, 2017	Party comments due on revised Assumptions and Framework document
Third Quarter 2017	Proposed Decision (PD) adopting Assumptions and Framework. The PD will also establish annual deadlines for the parties to continue to refine methodologies, use cases, and to develop additional DER scenarios in future iterations.

Planned Working Group Schedule

- **Meeting #1 (April 17):** Introduction to the WG and discussion of near-term (2017-18 planning cycle) objectives; Review IOUs' Assumptions & Framework Document submitted on April 7; General discussion of Statewide Forecast Assumptions and Disaggregation Methodology in the context of IOU document .
- **Meeting #2 (April 26):** Resource specific discussion, focused on Energy Efficiency and Demand Response. For each type of DER, the session will include a discussion on forecast methodology and disaggregation methodology. Technical sub-groups would be formed to pursue specific issues .
- **Meeting #3 (May 3):** Resource specific discussion, focused on Distributed Generation, Energy Storage and Electric Vehicles. For each type of DER, the session will include a discussion on forecast methodology and disaggregation methodology. Technical sub-groups would be formed to pursue specific issues.
- **Meeting (May 10):** Placeholder for an optional meeting if needed to continue discussions
- **Meeting #4 (May 17):** Sub-groups report to the Working Group. Discuss and compile recommended revisions to the IOU document, discuss next steps and longer-term objectives. Technical Facilitator to provide a draft summary of recommended revisions before the next meeting.
- **Meeting #5 (May 24):** Review the draft summary of recommended revisions, agree on consensus/non-consensus items, and finalize working group input to the IOUs.