

# Chapter 8

## *Plan for Development of Part 2*

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# Plan for part 2 development requirements



As Part of its Part 1 filing each utility should prepare for the upcoming transition period and include a high-level summary to discuss:



a) How legacy distribution planning practices will be transitioned to the requirements of Part 2



b) Whether all legacy distribution planning practices will be transitioned in time for filing Part 2, and if not, the expected timeframe for that eventual transition



c) Efforts to synchronize IRP activities with requirements of Part 2

# Chapter Regulatory Response

Improved forecasting solutions

Exploring NWS as an alternative to traditional options

Align work with IRP as part of DSP efforts

# DER Load Forecasting

- AdoptDER model improves prior forecasting techniques with Increased transparency and broad resource parameters
- Leverages open-source tools and best practices
- Locational results of DER adoption

# Non-Wire Solutions

- The company is exploring how NWS can replace, defer or be combined with traditional solutions
- Previous work with two vendors on NWS analysis was not successful
- Looking to acquire a new tool(s) for more comprehensive NWS analysis for planned minimum of two NWS pilots

# Synchronize IRP Activities

- Improved DER forecasting capabilities with new model
- Ability to run economic potential analysis for flexible load portfolio
- Levelized cost curves on non-cost effective DERs to better understand portfolio selection mechanism
- More interaction with IRP and DSP incorporating locational impacts, improved portfolio optimization and aligned cost benefit approaches

# Chapter Take-Aways



In compliance with these requirements, PGE provides details focusing on planning practice updates around distributed energy resource (DER) forecasting/potential and non-wire solutions. Details on the IRP interaction with the DSP, focusing on the upcoming IRP.



DERs, due to their operational versatility, create a dynamic operational environment in which greater levels of data, analysis and optimization are needed for the company to continue to maximize value for customers.



Improving PGE's planning capabilities is a critical step in enabling and leveraging DERs for different use cases, such as non-wire solutions, improved asset utilization and other projects that provide community benefits.

# Questions?

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