

WESTERN ENERGY IMBALANCE MARKET

Briefing on Western Energy Imbalance Market Readiness

Petar Ristanovic

Vice President, Technology and EIM Executive Sponsor

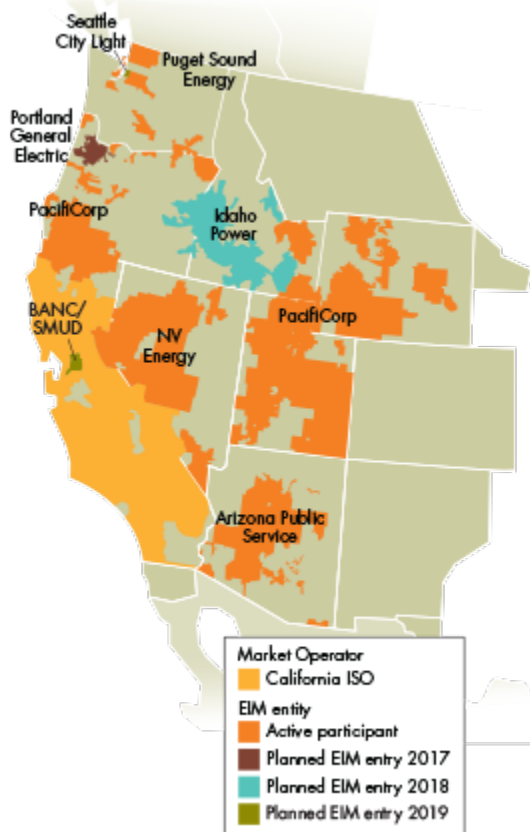
EIM Governing Body Meeting

General Session

April 19, 2017



Portland General Electric (PGE) implementation adds benefits to the western EIM



- PGE will have access to a larger and more diverse resource mix
- PGE joining EIM adds 448 MW of bi-directional transfer capability to PACW, another EIM Entity as well as 450 MW Northbound / 296 MW Southbound
- In addition to PGE expected benefits, estimated to provide \$2.7 to \$3.7 million benefits to existing EIM participants

PGE is on schedule for October 1, 2017 activation

- Key accomplishments:
 - PGE filed their OATT on March 1, 2017
 - All required agreements have been executed
 - PGE full network model is integrated with ISO model
 - Day in the Life testing started early on March 20, 2017
- Upcoming milestones:
 - Structured Market Simulation scheduled for June 6 through July 7, 2017
 - Parallel Operations scheduled to start on August 1, 2017
 - EIM Readiness Certification no later than September 1, 2017

Training and readiness efforts support a smooth transition

- Training enhanced with new approach:
 - The ISO created 24 EIM-specific Computer Based Training (CBT) modules
 - Almost 400 PGE users are registered in the learning management system that tracks CBT module completion
 - The ISO and PGE participated in settlements and metering workshops to ensure system and process readiness
- Readiness certification will occur in July and August
 - The implementation team will measure the 33 criterion primarily during market simulation and parallel operations
 - The ISO moved the Fall 2017 Release to November 1, 2017 to mitigate risk of PGE activation on same date as release deployment