

# WESTERN ENERGY IMBALANCE MARKET

## Consolidated Energy Imbalance Market Initiatives

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EIM Governing Body Meeting

General Session

November 29, 2017



# Initiative includes components within EIM Governing Body's primary authority and components within its advisory role

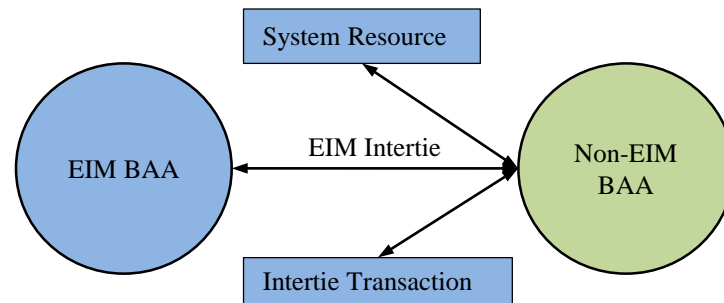
- **Primary authority**

- Auto-matching of intertie schedule change with a non-participating resource
- Automate updating of mirror system resources at ISO intertie scheduling points
- Support imbalance settlement of EIM base transfer schedule changes
- Enable submission of generation distribution factors for non-participating resources

- **Advisory role**

- Clarify market rules for non-generator resources

# Auto-matching balances changes in intertie schedules with an EIM non-participating resource



NPR    ↑ 50 MW

NPR    ↓ 50 MW

NPR    ↓ 50 MW

NPR    ↑ 50 MW

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Import   ↓ 50 MW

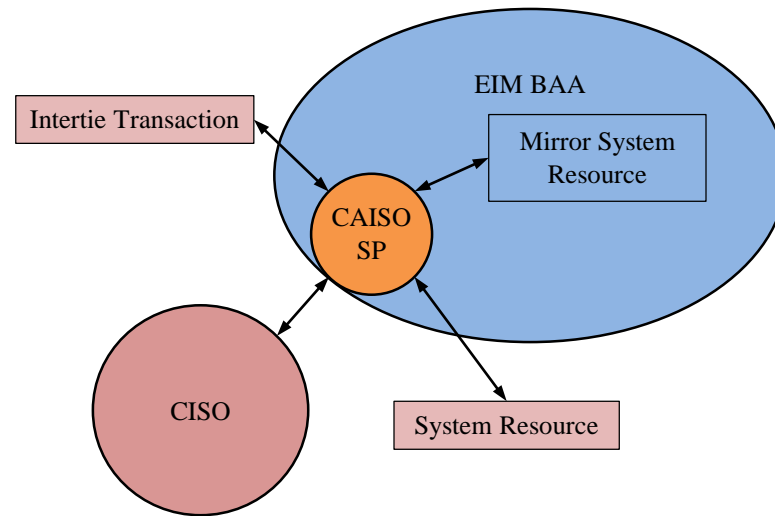
Import   ↑ 50 MW

Export   ↓ 50 MW

Export   ↑ 50 MW

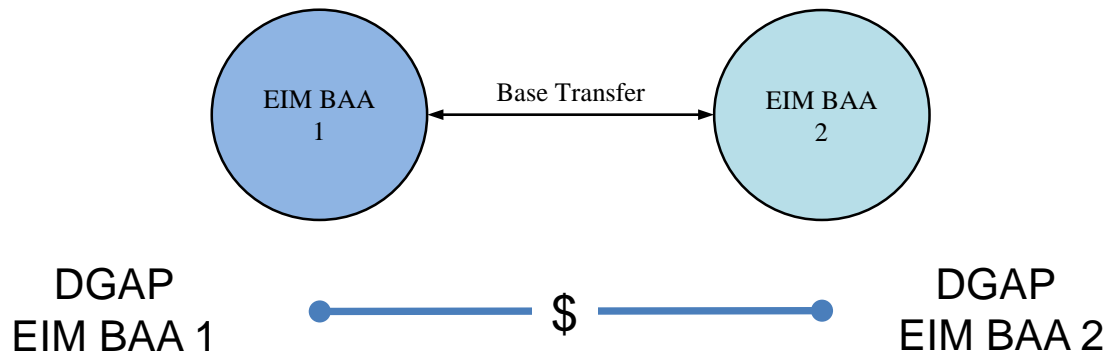
Market aware EIM entity will self-balance intertie change

# Automatic updating of mirror system resources at ISO intertie schedule points eliminates manual adjustments by EIM entity



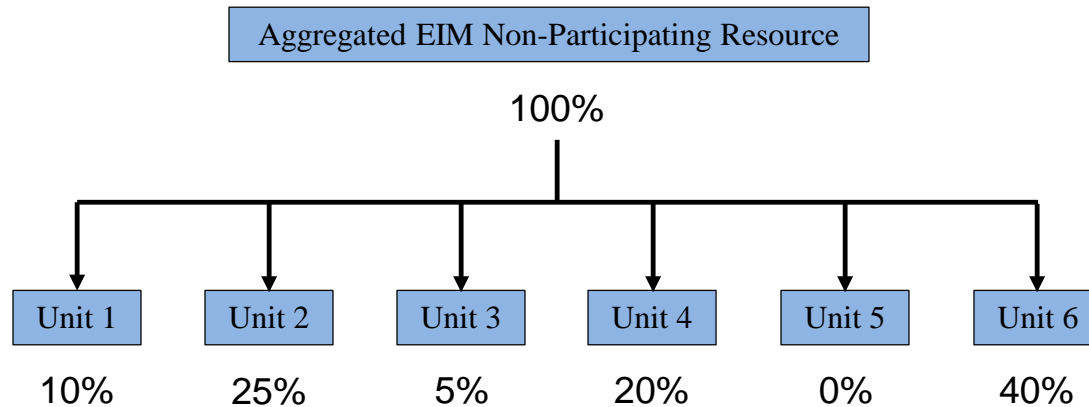
Improves timeliness and accuracy of market modeling

# Settlement of base transfer schedule changes facilitates bilateral scheduling between EIM entities



Agreed upon financial location for base transfer changes

# Submission of generation distribution factors for non-participating resources improves market modeling



Allows GDFs to be updated as frequently as hourly basis

## Market rules for core non-generator resource provides additional clarity on use of the model

- Must be capable of generating energy
- Subject to local market power mitigation based upon the underlying resource technology
- Not eligible to account for resource adequacy capacity at this time

Powerex is using NGR to model its participation in EIM

# Stakeholders generally support proposed enhancements and scope changes

- Automation eliminates manual actions and improves market accuracy
- Supported deferral of other elements as substantial benefit was not demonstrated at this time
  - Equitable sharing of wheeling benefits
  - Third party transmission contribution
  - Management of bilateral schedule changes



# Management requests EIM Governing Body approval of proposed enhancements to:

- Improve market modeling accuracy
- Automate existing manual processes
- Facilitate bilateral settlements