



Decision on consolidated energy imbalance market initiatives proposal

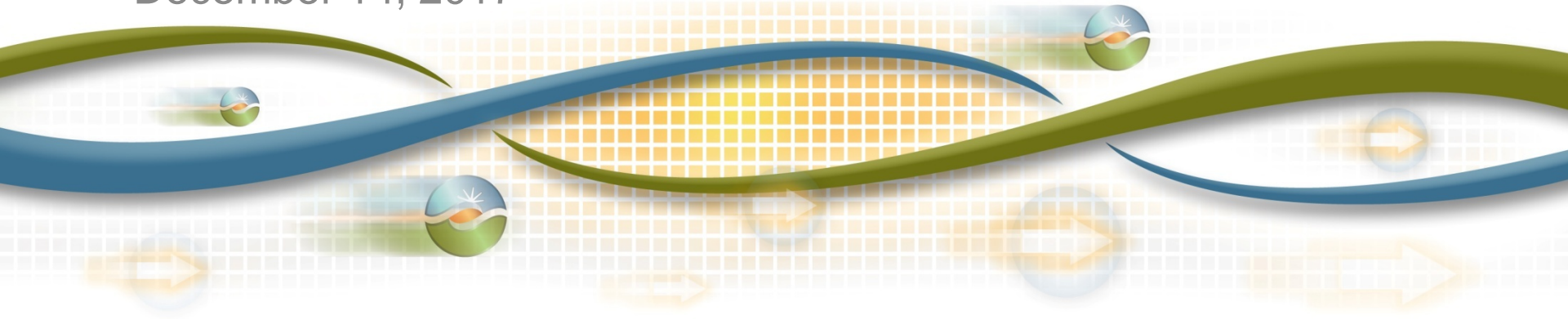
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ISO Board of Governors Meeting

General Session

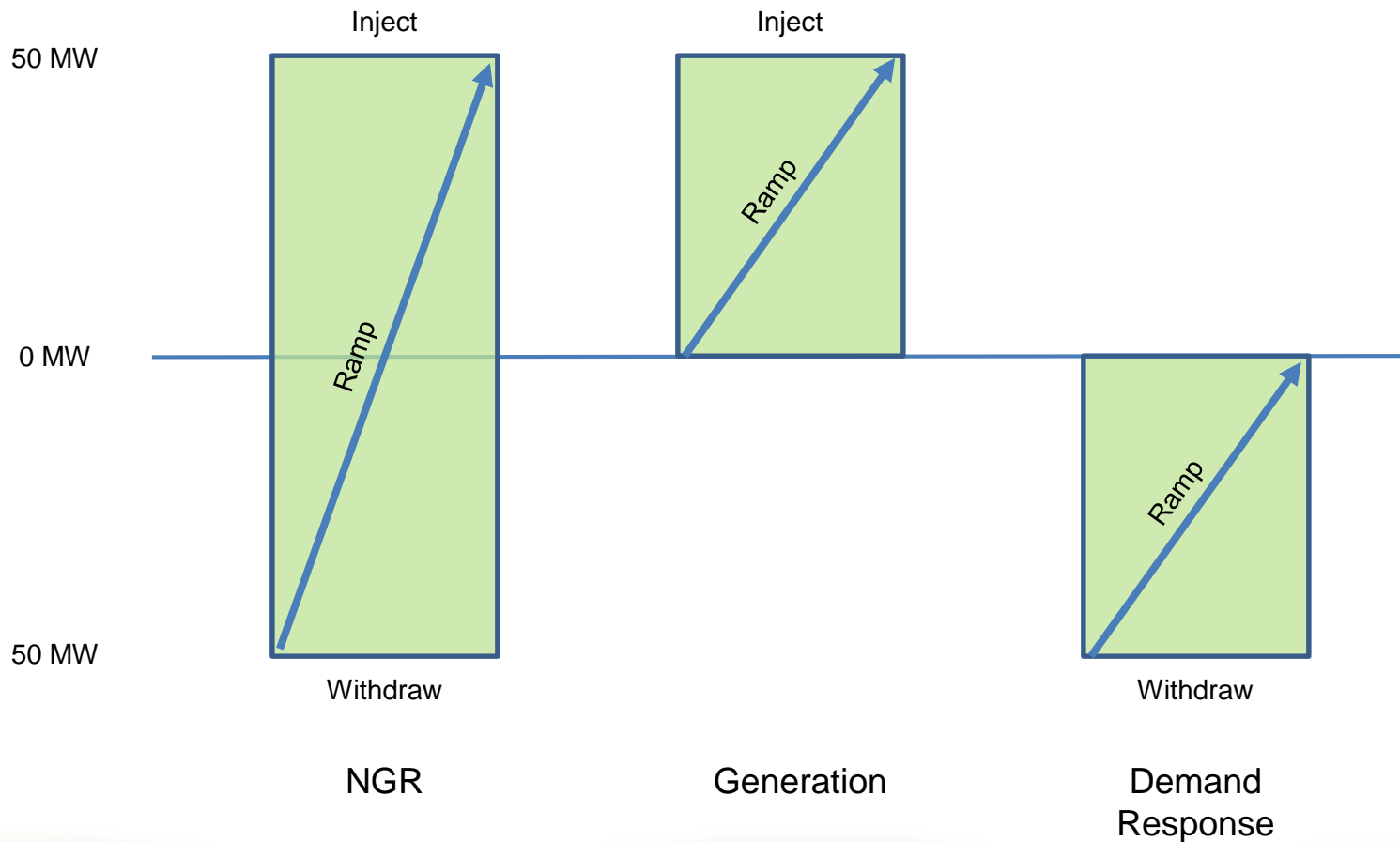
December 14, 2017



This initiative includes a decisional item for the ISO Board of Governors as well as consent agenda items for elements previously approved by the EIM Governing Body.

- **Decision to:**
 - Clarify market rules for non-generator resources
- **EIM Governing Body approved the following items on November 29, 2017:**
 - 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

Non-generator resource (NGR) modeling is used for storage, but can be utilized for other applications



Rule clarifications are needed to extend model to additional applications

- Core NGR model was approved in ESDER initiative
 - Market does not enforce state of charge constraint
- Clarifications to extend the model's use include:
 - Must be capable of generating energy
 - Subject to local market power mitigation based upon the underlying resource technology
 - Not eligible to count as resource adequacy capacity at this time

Management requests approval of the non-generator resource model rule clarifications.

- Stakeholders support clarifications to allow NGR to be used for additional purposes
- Facilitates Powerex joining the EIM in Spring 2018
- Ongoing ESDER initiative will continue to prioritize enhancements of NGR model to support new use cases for storage and distributed energy resources