

Minimum Stable Generation

Workgroup Meeting

October 21, 2010

Agenda

- Workshop objective
- Scope
- Review of supply surplus workgroup recommendations on MOL/MSG
- MOL/MSG Stakeholder comments on supply surplus discussion paper
- AESO Point of View
- Updating the application of MSG
- Discussion

Workshop Objective

- Discuss the operation and limitations of generators, considering the safe, reliable, operation of the AIES
- Provide input into a revised definition and application of Minimum Stable Generation (MSG)

- Limited to MSG changes
- MSG changes must consider impact to supply surplus, congestion management, dispatch down service
- Consider supply surplus workgroup recommendations for minimum operating level
- Consider stakeholder feedback on the supply surplus initiative related to MSG and MOL

Review of supply surplus workgroup recommendations on MSG/MOL

- Proposed a new term: MOL, to be used to define a physical operating limit for the asset that is constrained by legal/regulatory, environmental, health and safety, equipment reliability, operating level required to serve dispatched ancillary services, or operating level required to prevent damages to third party equipment.
- MOL is a physical limit, not an economic limit
- Content included in the proposed term already considered in other areas i.e. definition of directive

Stakeholder comments on Supply Surplus Discussion Paper (MOL/MSG)

- Do not see the need for both an MOL and MSG
- Physical operating level, not economic
- Should reflect the facilities real time operations
- One participant stated that the updated definition should consider:
 - Legal/regulatory, environmental, health and safety, equipment reliability, operating level required to dispatch AS or operating level required to prevent adverse impacts on other operations and assets.

- Do not see the need for an MOL and MSG
- Recommend that the definition and application of MSG be updated to reflect the operational limitations of generators similar to offers
- In supply surplus procedures, non-flexible assets will be dispatched to MSG
- In emergency situations, and as a last resort, generators may be dispatched below MSG
- MSG should include operational limitations, not economic

Updating the application of MSG

- Currently the participant submits one number to the AESO for MSG
 - It should not change unless there is a physical change to the asset
- Allow the participant to submit changes to the MSG on a time-ahead basis:
 - Options:
 - Day-ahead
 - T-2
 - T-2 and changes within T-2 require an AOR
- Consider as part of outage scheduling

Discussion/Questions?