

# SE 109 Outage Management Process Redesign

## Minutes of Meeting

<b>Date held:</b> April 1, 2015	<b>Time held:</b> 9:00 – 9:30 am	<b>Location held:</b> IESO
<b>Invited/Attended</b>	<b>Company Name</b>	<b>Attendance Status</b> (A)ttended; (R)egrets; (S)ubstitute
Simmons, Dave	Gerdau	A
Baroskov, Juri	Goreway Station	A
Molyneaux, David	Hydro One	A
Noble, Brian	Hydro One	A
Khan, Shahid	Northland Power	A
Shek, Alan	Ontario Power Generation	A
Gray, Jim	Ontario Power Generation	A
Ahmad, Eiman	Hydro One	A
Chintapalli, Raj	Customized Energy Solutions	R
White, Bruce	Northland Power	R
Gojmerac, Mark	IESO	A
Johnson, Len	IESO	A
Romeo, Rick	IESO	A
Satish, Anuradha	IESO	A
D'Costa, Candida	IESO	A
Cui, Jennifer	IESO	A
Scribe: Anuradha Satish - Please report any corrections, additions or deletions e-mail to <a href="mailto:stakeholder.engagement@ieso.ca">stakeholder.engagement@ieso.ca</a>		

All meeting material is available on the IESO web site at:

<http://www.ieso.ca/Pages/Participate/Stakeholder-Engagement/SE-109.aspx>

Document output of each agenda item below:

### **Item 1 Welcome, Introduction and Opening Remarks**

Rick Romeo welcomed the attendees to the Outage Management Process Redesign Consultation (SE-109) meeting.

### **Item 2 Outcomes from the February 11<sup>th</sup> Meeting**

Mark Gojmerac briefly described the materials that were presented in the last SE-109 meeting held on February 11, 2015. Feedback was requested on the following items:

- Conflict Rationale field and associated business rules;
- Proposed reporting obligations for the Quarterly, Weekly and Daily processes; and
- Market Rules development schedule.

No comments were received from stakeholders and the proposed materials are considered approved.

### **Item 3 Requirements Summary Document Changes**

The Requirements Summary Document has been updated to include the following clarifications:

- The question “Loss of Redundancy?” has been changed to “Only a Loss of Redundancy?” This question is used in the assessment of low-impact outages and the edit is aimed at making the question more intuitive for the outage request submitter as well as for the IESO.
- Significant Change Criteria in Appendix C has been updated to include changes to all Auto AA/Low Impact Questions and Scaling Impact Questions as impacting the Priority Date of an outage request. It was noted during Early Deployment System testing that the Priority Date did not change when answers to low-impact questions were altered. The change aligns the application with market rules that consider low-impact changes as scope changes to the original outage request.
- Several diagrams in the Outage Management Redesign Requirements Summary document will be corrected to align with their respective process descriptions as described below:

Figure 3 currently shows an “At Risk” outage going into the Weekly process; however as discussed in previous SE-109 meetings, “At Risk” outages can either go into the Weekly or the 3 Day processes.

Figure 5 currently shows “At Risk” and “Advance Approved” outages going into the 3 or 1 Day processes; however these outages would first pass through the 3 Day process before proceeding to the 1 Day process.

Figure 7 currently shows “Advance Approved” outages going into the Current Day process; however these outages would first pass through the 1 Day process before proceeding to the Current Day process.

Figure 9 currently shows an “At Risk” and “Advance Approved” outages coming into the 1 Day process from the Weekly process; however as discussed in previous SE-109 meetings, “At Risk” outages are not considered in the 1 Day process and “Advance Approved” outages come into the 1 Day process from the 3 Day process rather than the Weekly process.

#### **Item 4 Introduction to the Proposed Outage Planning Guideline**

It is proposed that Market Manuals include outage planning guidelines either as a separate section or an Appendix item. The format will be decided based on stakeholder feedback.

The guidelines will include undesirable outage combinations that consider thermal, voltage and stability limits, system re-preparation and black start restoration paths. The manuals may also describe other undesirable situations such as capacity and energy shortfalls as well as material impacts to the IESO-administered market as per Chapter 5, Section 6.1.1.

Confidentiality is a key factor in determining the format of publishing these guidelines. While majority of undesirable transmission outages can be posted publicly, undesirable generator combinations and power system restoration paths cannot. The IESO is considering the level of effort associated with creating and maintaining both public and private reports.

Mark Gojmerac presented the proposed format of publishing undesirable outage combinations. Stakeholders were asked to review and provide feedback on the format and whether it meets their outage planning requirements.

The following are questions that were asked during the presentation by stakeholders along with the IESO’s responses (in italics):

A member requested further clarification regarding black start restoration paths being considered undesirable outage combinations. Will this mean no equipment deemed for a black start restoration can be taken out of service?

*The IESO responded this does not mean that “black start” equipment can never be taken out of service. Rather the guidelines may restrict multiple black start facilities from being taken out of service at the same time.*

A member inquired if the outage planning guidelines regarding generators applied more to limitations on spare reactive absorbing capabilities as opposed to capacity and/or energy shortfalls?

*The IESO responded yes.*

A member inquired if they could continue to submit requests despite the conflict warning?

*The IESO responded yes. Participants are allowed to submit outages despite the conflict warning, if they provide a rationale. The IESO will assess the validity of the rationale on a case-by-case basis.*

## **Item 5      Review Action Items and Next Steps**

Mark Gojmerac reviewed next steps which included seeking feedback from stakeholders, IESO’s response to stakeholder feedback, and a reminder of the upcoming Technical Panel meeting. A date for the next SE-109 meeting has yet to be determined.

The meeting then adjourned.