

Information on AESO Website Reports - Outages

The following is an overview of AESO website tools that provide information on generator and transmission outages, targeted at several different purposes. This communication is intended to provide stakeholders with a summary of some of the resources that are available for them to track such outages and their respective effects.

1. Long Term Critical Transmission Outages

The purpose of this report is to aid in the coordination of outages between transmission facility owners (TFOs). It lists outage *requests* from TFOs covering a period starting 10 days in the future. It is updated on Wednesdays but may be updated at other times, if necessary. It includes outages 240 kV or greater, or those affecting the Saskatchewan or British Columbia interties, intertie transfer capability, multiple transmission facility owners or generator interconnections to the AIES. It includes only outages to facilities within Alberta. The outages are not necessarily approved by the AESO System Operations group.

http://www.aeso.ca/outage_reports/Longterm_Critical_Outages.html

2. System Coordination Plan - Approved Outages

The purpose of this report is to send notice of outage approvals to TFOs. It includes all transmission outages 69 kV or greater that have been approved by the AESO System Operations group for the following week. It is updated on Wednesdays but may be updated at other times, if necessary.

http://www.aeso.ca/outage_reports/qryOpPlanTransmissionTable_1.html

3. Supply-Demand Charts

The purpose of the reports is to provide information to aid in the planning of generator and intertie outages. The charts present the anticipated available supply compared with expected system demand. The system demand includes load and required reserves. The supply portion accounts for scheduled generator outages/derates (including those caused by transmission outages) and reductions to intertie capability due to transmission system conditions. Generator outages are aggregated so an individual unit outage is not disclosed. Three time-frames are presented (one week, three months and remaining calendar year), each with a number of alternative scenarios. The one week

view is located on the AESO's secure ETS website. The three-month and year-end views are located on the AESO's regular website.

http://ets.aeso.ca/Market/Reports/Manual/AiesGraphs/process_description.html

4. Short Term Outage and Monthly Outage Graphs

The purpose of these graphs is to illustrate generator unit outages based on participant submissions in the ETS. The information is aggregated by fuel type in order to not identify any particular unit.

<http://ets.aeso.ca/> (Short Term Outage and Monthly Outage reports in Current Reports)

5. Intertie Transfer Capacity Report

The purpose of this report is to present the current and anticipated available transfer capabilities (ATC) for both the Saskatchewan and British Columbia interties to aid market awareness of Alberta import/export conditions. The report covers a selectable period, on an hour-by-hour basis, as far out as six months.

<http://itc.aeso.ca/itc/public/atcQueryInit.do>

In order to better understand the overall implications of transmission related outages in general, it is important for stakeholders to also view the appropriate ISO Operating Policy and Procedure (OPP), available on the AESO website. For example, the OPPs address the resulting curtailment of net generation and operating reserves for affected generators. There could also be additional remedial actions due to unexpected system conditions.

If you would like additional information on the reports available on the AESO website, please contact Ron Smith, Market Services ph: (403) 539-2595.

Yours truly,
“original signed by”

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