

Daily Outage Metadata

Report Category: Current



METADATA

Data Description

The daily outage report provides the daily average amount of supply by fuel type and load on outage for the next three months. For suppliers the report displays all differences between an asset's Maximum Capability (MC) and Availability Capability (AC) including reduced AC during derates or coming online. Using this data, the generating units are separated by fuel type and the outage volumes are then allocated to the date the outage is expected to occur.

Generation Outage:

All units within the same fuel type category are aggregated to create one final outage amount for each fuel type for each time block. The aggregated volume for each fuel type is then rounded off to the nearest 10 MW.

Load Outage:

The load outage column is based on information submitted to the AESO by individual market participants related to decreases in their capability to consume load. For each business day of the then current month and the next 3 successive months, the AESO aggregates the submitted load outage records and determines daily average planned outage, rounded to the nearest MW. A market participant with a planned decrease in its capability to consume load of 40 MW or greater, is required to report load outage records to the AESO as per the requirements of the ISO rules.

Definitions of Column Content

- **Coal** - all coal fired generation as listed on the Current Supply and Demand page
- **Gas** - all gas fired generation as listed on the Current Supply and Demand page
- **Dual Fuel** - all dual fuel generation as listed on the Current Supply and Demand page
- **Hydro** - all hydro generation as listed on the Current Supply and Demand page
- **Wind** - all wind generation as listed on the Current Supply and Demand page
- **Solar** - all solar generation as listed on the Current Supply and Demand page
- **Energy Storage** - all storage generation as listed on the Current Supply and Demand page
- **Biomass and Other** - all other generation as listed on the Current Supply and Demand page
- **Load** - sum of all planned decrease in consumption submitted by participants

Submission and Reporting of Outage Information

Generation Outage:

The generation outage charts are produced using the best available information as submitted to the AESO by market participants. The charts presented in this report are prepared by aggregating submitted outage information based on fuel type.

Description of Methodology:

$$\text{Generation Outage MW} = \text{Rounded} \left\{ \frac{\text{Sum of the MWh of outage by time period and by fuel type}}{\text{Number of hours in the time period}} \right\}$$

Load Outage:

For each business day, all the load planned outage records submitted by market participants must be aggregated and calculated as the aggregated daily planned outages in MW:

Description of Methodology for each business day:

$$\text{Load Outage MW} = \text{Rounded} \left\{ \frac{\text{Sum of the MWh of all submitted planned outages by time period}}{\text{Number of hours in the time period}} \right\}$$

Available Formats

- HTML
- CSV

Timing of Updates

This report is updated on demand and change of data.

References

- Section 306.3 Load Planned Outage Reporting
- Section 306.5 Generation Outage Reporting and Coordination

Disclaimer

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