

# Monthly Outage Metadata

Report Category: Current



## METADATA

### Data Description

The monthly outage report provides the hourly average amount of supply on outage by month and fuel type on a rolling 24-month basis. The report defines monthly operational outages as the difference between an asset's Maximum Capability (MC) and Availability Capability (AC) including reduced AC during derates or coming online. Outages of all assets are summed by hour and by fuel type, excluding any mothball (MBO) assets. The MBO outages are grouped independently and are not separated by fuel type.

The hourly data by fuel type is combined in a monthly number by averaging hourly volumes for all hours of the month by fuel type. The aggregated volume for each fuel type is then rounded off to the nearest 1MW. The monthly data is displayed on a rolling 24-month basis.

For a given asset with MC, AC:

$$\text{Operational Outage} = MC - AC - MBO \quad (\text{Displayed on fuel type specific column})$$

Where

- MBO is the hourly average mothball outage for the asset for each month

### Definitions of Column Content

- **Month** - Next 24 months
- **Coal** - all coal 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
- **SC** - all simple cycle generation as listed on the Current Supply and Demand page
- **Cogen** - all Cogen generation as listed on the Current Supply and Demand page
- **CC** - all combined cycle generation as listed on the Current Supply and Demand page
- **GFS** - all gas fired steam 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
- **Mothball (MBO)** - volume of all assets on mothball outage, regardless of fuel type

## Submission and Reporting of Outage Information

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:

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

## Available Formats

- Graph
- HTML
- CSV

## Timing of Updates

This report is updated on demand and change of data.

- **Generation outage records received as of** - The latest date and time (MST) at which the generation outage records were fetched from the database
- **Last Updated** - The latest date and time (MST) at which the report was updated.

## Disclaimer

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