

## **Outage Management System: Transmission Outage Report**

### **FAQ**

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#### **What is the Transmission Outage Report?**

- The Transmission Outage Report provides market participants details to current and future outages taken within the California ISO's Controlled Grid area. Details include but not limited to the equipment taken out of service, the outage status, detailed switch modeling and the start and end times of each outage.

#### **How often does the report get published?**

- There are two types of outage reports generated each day. The short-term transmission outage report is published on the hour and provides outage data for the next seven days. The long-term outage report is published once a day at 08:45 and contains outage data for the next 1,000 days. Both reports have the same format and differ in the number of days' worth of provided outage data.

#### **Why are there periods that the daily long-term report is not generated?**

- The report is not available to prevent market participants from benefiting from outage data not incorporated in the monthly CRR auction process. The availability of Congestion Revenue Rights offered during the monthly auction considers outages based on a snap shot of what has been recorded in OMS.

#### **How long are the reports available on the site?**

- Both the daily long-term and hourly short-term report are available on the site for 3 calendar days.

#### **Is there a description of the columns in the report?**

- Yes, this FAQ provides an appendix with column descriptions.

#### **Why is the difference between the two sections of the Transmission Outage Report?**

- The first section of the report details the specific equipment that is being taken out of service. The second section, labeled "Transmission Outage Switch Modeling Report" explains exactly how the outage is modeled. It lists all switches and their new statuses/positions (open/closed) for the duration of the outage.

**The equipment name referenced in OMS does not match the CIM Model/Transmission Registry?**

- The equipment name in OMS is populated from the CIM model, however, an alternate name may be used if a transmission owner enters a preferred equipment name in the CAISO's Transmission Registry (TR) application.

**I am unable to match outage elements in the outage report with my PSSE/PSLF/CRR model?**

- Within the CAISO's CIM model, a number of AC line segments and series compensators are grouped to form a "Line" equipment element. This is done to provide convenience to PTOs when the whole line is taken out of service. Outages taken on these lines are reported in the TOR and does not detail the individual elements.

**How do you find out what elements are grouped together in a Line?**

- The Transmission Outage Report mapping document located at <http://www.caiso.com/market/Pages/OutageManagement/Transout.aspx> provides mapping between Transmission Lines and their related equipment (ACLINSEGMENTS & SERIES COMPENSATORS). Participants can use the Equipment TR ID, Equipment Name, or Equipment CIM Name to cross reference the mapping document columns TL TR ID, TR TL NAME or CIM TL NAME respectively to identify the related equipment.