



California ISO | RC West

Model Validation Working Group MOD-33 Update

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MOD-33 CASE UPDATE

➤ 10/07/2024 Pine Mountain Fire Event

1804: Captain Jack - Grizzly 500kV tripped.

1832: Grizzly - Summerlake 500 kV tripped. Frequency dropped from 59.99 Hz to 59.843 Hz following the gen drop/run back in BPA. BPA dropped approximately 2,000 MWs.

1845: RCWest/Krebsbach only notified of the fire after the second trip. BPA was unaware for fire as well until after the above line tripped.

1901: Grizzly - Malin 500 kV tripped.

1917: RCWest/Krebsbach blast call to Disarm WECC 1 RAS due to potential open loop. RCWest requested APS/Shad to disarm WECC 1 RAS. Olinda - Tracy 500 kV is out and a breaker failure at Malin will trip both Round Mt - Table Mt 1 & 2 500 kV.

1925: WECC 1 RAS disabled

MOD-33 CASE UPDATE

Three case have been posted on RC portal since last MVS meeting

- 10/07/2024 Pine Fire Event in BPA area
- 10/14/2024 CHPD event
- 08222024 Wind gen trip in PSCO area

TOOL UPDATE

- Completed the mapping effort, RC West real time case could be utilized by WECC - 08222024 case is an example
- RTDMS Tool – PMU data based tool to detect local and inter-area oscillation
 - SCE Devers 500 KV PMU setup in production to capture renewable related oscillation – completed

Q&A?