



# Under Frequency Load Shedding Work Group Update

March 20, 2024

Robby Anderst, PSE

# 2023-2024 Assessment

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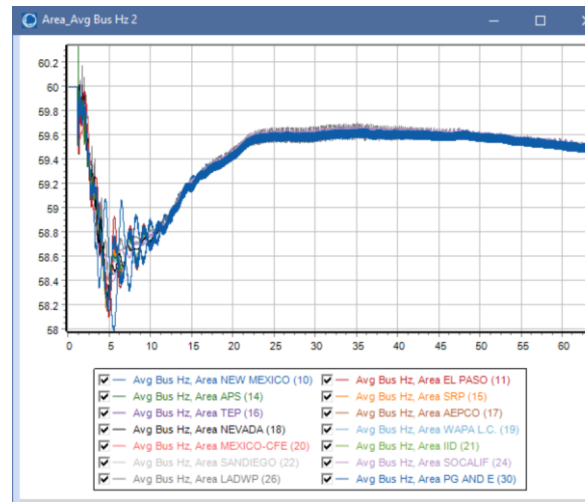
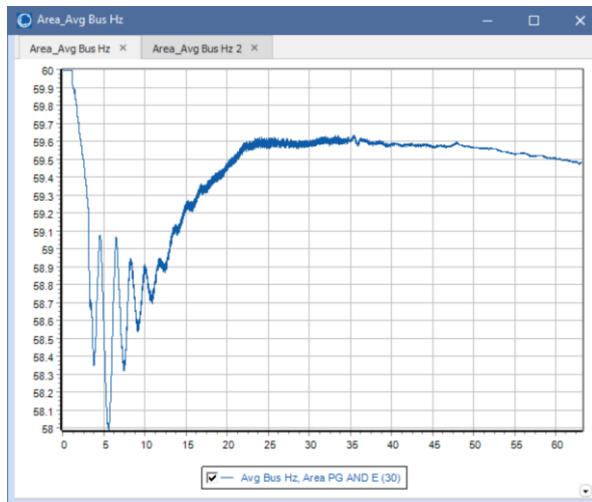
- 2023-2024 UFLS Assessment is underway by PowerWorld
- Cases being studied:
  - 2023 Heavy Summer
  - 2024 Light Spring
- Assessment timeline: 08/01/2023 – 10/01/2024 (14 months)
- CAISO has finalized and sent out the contract for billing individual PCs for the study
  - Distribution of costs is based off NEL
  - PCs will be billed upon completion of the study this fall

# 2023-2024 Assessment

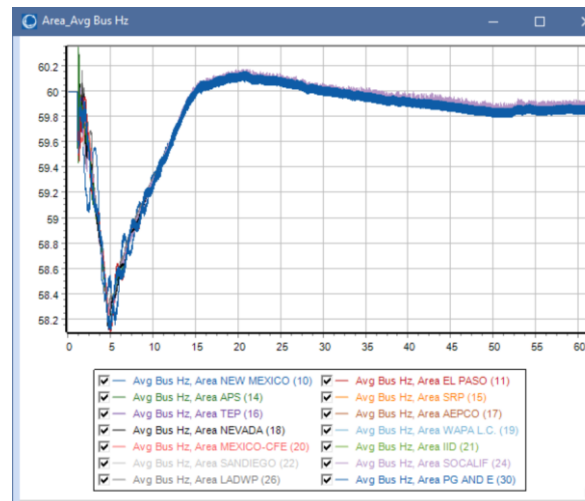
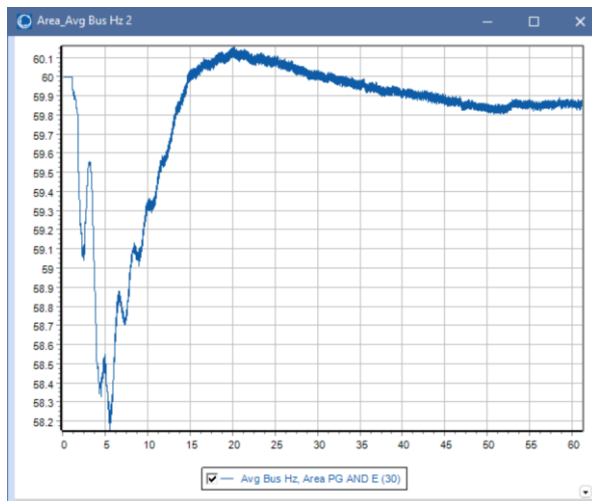
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- All six cases and 18 contingencies have been built
- PowerWorld is currently troubleshooting some voltage issues within the PG&E area in the Southern Island 25% contingency
  - A tripping delay as small as .6785 seconds for the PG&E generators allows the simulation to complete successfully
  - PowerWorld is coordinating with CAISO and PG&E planners to fix the issue
    - Potential fix: As part of a RAS PG&E would drop ~700MW of load upon the separation of the North and South Island.

# 2023-2024 Assessment



With 2 second delay



With .6785 second delay

# Other Updates

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- UFLSWG meetings are now occurring on a monthly basis (second Tuesday of each month)
- Monthly check-ins occur with PowerWorld at some point in the first week of each month



## Contact:

Robby Anderst, PE

[robby.anderst@pse.com](mailto:robby.anderst@pse.com)