

## 2023 IRM Study Whitepaper Topics

- 1) High Renewables Phase 3 Study
  - EC goal of completing the study by June 2022
- 2) Maintain necessary operating reserves during load shedding events (White Paper Scope February ICS Meeting)
  - Recent load shedding experiences in other control areas indicate the need to maintain reserves during load shedding events
- 3) Perform Tan45 with AC Tx in-service and DEC NOx Rule Peakers retired (FEB/MARCH),
  - Three cases: (1) AC Tx, (2) AC Tx + 2023 retirements, (3) AC Tx + 2023 & 2025 retirements

## Model Improvement Work Activities during 2022:

- 1) Investigate EOP Call Sequence effects on MARS results
  - Evaluate additional mechanisms for aligning MARS EOP calls with expected EOP calls
- 2) Evaluate limits on EOP activations (e.g., limit Voltage Reduction calls to “X” per year)

## Topics for future discussion:

### Enhance Maintenance Scheduling in MARS

- 1) Develop maintenance schedules that avoid causing EOP calls
- 2) Evaluate uniform versus dynamic load forecast uncertainty factors
  - Duration of Peak load events will be evaluated as part of 2022 Load Shape updates.
    - Load shapes being reviewed in LFU PH. 2 White Paper. Might address issue at least in part.
    - Remaining concerns will be addressed following this work.