

## 2023 IRM Study Whitepaper Topics

### High Renewables Phase 3 Study

- EC goal of completing the study by June 2022

### Investigate EOP Call Sequence effects on MARS results

- Evaluate additional mechanisms for aligning MARS EOP calls with expected EOP calls

### Y49/Y50 Outage Rate sensitivity

- Completed

### ELR Model improvements

- Implement enhanced ELR model in 2022 IRM study

### Maintain necessary operating reserves during load shedding events

- Recent load shedding experiences in other control areas indicate the need to maintain reserves during load shedding events

### Perform Tan45 with AC Tx in-service and DEC NOx Rule Peakers retired

- Three cases: (1) AC Tx, (2) AC Tx + 2023 retirements, (3) AC Tx + 2023 & 2025 retirements

### Load Shape Phase 2: Recommendations and Testing

### Enhance Maintenance Scheduling in MARS

- Develop maintenance schedules that avoid causing EOP calls

## Topics for future discussion:

### Evaluate uniform versus dynamic load forecast uncertainty factors

- For example, should shoulder and off-peak periods have lower LFU multipliers?

### Evaluate limits on EOP activations (e.g., limit Voltage Reduction calls to “X” per year)