



Decision on Addendum 1 to the ISO's 2023-2024 Transmission Plan

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ISO Board of Governors Meeting

General Session

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ISO Management is recommending approval of two reliability-driven projects, as an addendum to the 2023-2024 Transmission Plan

- The 2023-2024 Transmission Plan was approved by the ISO Board of Governors at the May 2024 meeting
- The plan indicated that analysis of the Short Circuit Mitigation for the Imperial Valley 230 kV and Miguel 230 kV Circuit Breakers projects would continue beyond the approval of the rest of the transmission plan
- Management now has a recommendation for the ISO Board of Governors

Reliability-driven project assessment

- All of the 63 kA, 230 kV circuit breakers at the Imperial Valley and Miguel substations will exceed their ratings during short circuit conditions
- The two reliability-driven projects mitigate the overstress of the 230 kV circuit breakers:
 - Short Circuit Mitigation for Imperial Valley 230 kV Circuit Breakers
 - Short Circuit Mitigation for Miguel 230 kV Circuit Breakers
- The estimated cost of the two projects is \$148 million
- Both projects entail substation reconfigurations and use of reactors rather than breaker replacement programs due to timing, cost, substation limitations

Stakeholders generally supported the ISO's proposal with no one opposed

- A couple of stakeholders expressed concern with level of detail of the estimates provided and changes that had been made between the original projects scopes submitted by SDG&E in the Request Window and the recommended alternatives.
 - The ISO will continue to work with the participating transmission owners in future planning cycles on the appropriate levels of detail in planning level estimates
 - SDG&E provided additional details on the projects in the comments to the draft 2023-2024 Transmission Plan
 - Addendum 1 of the 2023-2024 Transmission Plan includes the latest cost estimates for the recommended projects

Management recommends approval of two reliability-driven projects as an addendum to the 2023-2024 Transmission Plan

- Short Circuit Mitigation for Imperial Valley 230 kV Circuit Breakers
- Short Circuit Mitigation for Miguel 230 kV Circuit Breakers