

Technical Bulletin

Generator Interconnection Procedures

Generator Interconnection to 500 kV Hassayampa-North Gila Line and the 500 kV Busses of the North Gila Substation

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This document outlines the authority of the California Independent System Operator Corporation (ISO) over, and process for, interconnecting proposed generating facilities to the 500 kV Hassayampa-North Gila transmission line and the 500 kV busses of the North Gila substation.

The 500 kV Hassayampa-North Gila line and the 500 kV busses of the North Gila substation are located within the ISO balancing authority area. In addition, a majority ownership interest in the 500 kV Hassayampa-North Gila line is held by San Diego Gas & Electric Company ("SDG&E"). SDG&E is an ISO participating transmission owner that has turned its interest in this line and substation over to ISO operational control. In addition, the ISO has responsibilities as balancing authority and planning authority to ensure the reliability of these facilities.

Based on these factors, the interconnection of proposed new generating facilities to these transmission facilities is subject to the ISO tariff, which requires developers to submit interconnection requests to any of these facilities to the ISO for processing. ISO tariff provisions governing these interconnection requests are set forth primarily in Section 25 and Appendix U or Y of the tariff, as applicable. The ISO does not recognize interconnection requests submitted to Arizona Public Service Company (APS) as satisfying the ISO interconnection requirements for proposed generating facilities to these facilities. However, pursuant to the interconnection process, the ISO and SDG&E may subcontract or delegate interconnection studies to entities with the demonstrated capability to perform these studies, which could include APS.

In addition to requiring generating facility developers to submit interconnection requests to the ISO for processing, the tariff also requires developers to enter into an interconnection agreement with the ISO and SDG&E before construction of necessary interconnection facilities and transmission facility network upgrades can begin. The ISO standard interconnection agreement form is set forth in Appendix V or Z of the tariff, as applicable.