



February 27, 2025

Studies Subcommittee Members, STS@wecc.biz

Eepsita Priye, eepsita.priye@pse.com, StS Chair

Doug Tucker, WECC Staff Liaison, dtucker@wecc.biz

Subject: SDG&E 2024 Annual Progress Report to RAC StS for Major Transmission and Generation Projects

Dear Eepsita and Doug:

San Diego Gas & Electric Company (SDG&E) is submitting the following annual progress report for our major transmission projects in accordance with the reporting guidelines in the WECC Progress Report Policies and Procedures:

NEW PROJECTS

In this section of the report, SDG&E reports new applicable transmission projects where SDG&E is the Interconnecting Utility per the “WECC Progress Report Policies and Procedures”. All of these projects are already modelled in the latest WECC base case.

1. Downtown Reliability Reinforcement

The recommended project involves the following:

- Open Miguel 230 kV CB 6X
- Energize Silvergate 230/69 kV spare bank
- Upgrade Sampson 69 kV circuit breakers (CBs)
- Expand existing Vine 69/12 kV substation to 230/69/12 kV
- Loop TL23029 Old Town – Mission into Vine substation
- Install a 230/69 kV 350 MVA bank at Vine substation

UPDATES TO PROJECTS REPORTED IN THE PAST YEARS

In this section of the report, SDG&E provides implementation status updates for those projects that have already been granted the waivers of “significant transmission project”.



1. **Miguel-Sycamore Canyon 230 kV line Loop-in to Suncrest Project**
There are no changes to the original anticipated in-service date (2032)
2. **Imperial Valley–North of SONGS 500 kV Line and Substation**
There are no changes to the original anticipated in-service date (2032)
3. **North Gila–Imperial Valley 500 kV line**
There are no changes to the original anticipated in-service date (2032)
4. **Rearrange TL23013 PQ-OT and TL6959 PQ-Mira Sorrento**
There are no changes to the original anticipated in-service date (2032)
5. **3 ohm series reactor on Sycamore-Penasquitos 230 kV line**
The original 2032 in-service date has been moved to 7/30/2027.
Construction will start in October of this year.
6. **Short Circuit Mitigation for Miguel 230 kV Circuit Breakers Project**
There are no changes to the original anticipated in-service date (2035)
7. **Short Circuit Mitigation for Imperial Valley 230 kV Circuit Breakers Project**
There are no changes to the original anticipated in-service date (2035)

INFORMATION ONLY – APPLICABLE GENERATION PROJECTS

The following generation projects, owned by 3rd parties, were approved by the CAISO to connect with the SDG&E transmission system. Due to the confidential nature of the ownership information, the following list is for your information only.

The generation projects listed below are not in-service as of the date of this report.

Queue Position	Type-1	Type-2	MW-1	MW-2	Net MWs to Grid	Station or Transmission Line	Current On-line Date
1429	Wind Turbine		400		400	Suncrest - Ocotillo 500 kV Line	2/5/2031
1435	Photovoltaic	Storage	250	250	250	Hoodoo Wash Switchyard 500 kV	3/6/2026
1657	Storage		200		200	Talega Substation 138 kV	4/15/2026
Q1665	Storage	Photovoltaic	360	360	360	Imperial Valley Substation 230 kV	1/31/2030
1673	Storage		300		300	Sycamore Canyon Substation 138 kV	3/1/2026
Q1806	Storage		256.875		250	Trabuco - Capistrano 138 kV Line	6/1/2028
1810	Storage		312.96		300.01	Otay Mesa Switchyard 230 kV	6/25/2030
Q1824	Wind Turbine		1001		972.82	East County Substation 500 kV	8/28/2032
Q2173	Storage		206.31		200	Boulevard East Substation 138 kV	2/5/2029

WAIVER OF “SIGNIFICANT IMPACT” STATUS

SDG&E requests a waiver of “Significant Impact” status for the following projects:



1. Downtown Reliability Reinforcement

- a. Project name: see above
- b. Project purpose: Reliability project per CASO TPP
- c. Brief Project description, including expected termination points:
The recommended project involves the following:
 - o Open Miguel 230 kV CB 6X
 - o Energize Silvergate 230/69 kV spare bank
 - o Upgrade Sampson 69 kV circuit breakers (CBs)
 - o Expand existing Vine 69/12 kV substation to 230/69/12 kV
 - o Loop TL23029 Old Town – Mission into Vine substation
 - o Install a 230/69 kV 350 MVA bank at Vine substation
- i. Expected date of release to operations: 2037
- d. Expected operating voltage: 230kV
- e. Description of how the Project, has been coordinated through a transmission planning forum: Please see CAISO TPP approval - <https://stakeholdercenter.caiso.com/InitiativeDocuments/BoardApproved-2024-2025-TransmissionPlan.pdf>

Please feel free to contact me if you have any questions regarding the above reported projects. Thanks.

Best Regards,

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