

T.Dot	T.Dot Project Description	CPUC Filing Type	CPUC Date Filed	CPUC Status	CPUC Status: Year	Project Status
T.0000159	Egbert 230kV Switching Station	CPCN: A.17-12-021	2017-12-28	Approved	2020	Engineering
T.0000597	VIERRA 115 KV REINFORCEMENT	PTC: A.18-06-004	2018-06-15	Approved	2021	Construction
T.0000154	Estrella 230 kV Transmission Substation	PTC: A.17-01-023	2017-01-25	Approved	2024	Engineering
T.0007629	Fulton-Hopland 60 kV Reconductor (EGI)	NOC: AL 7532-E	2025-03-11	Approved	2025	Engineering
T.0000415	IGNACIO-MARE ISLD Jameson/Hwy - Cordelia	NOC: AL 7563-E	2025-04-02	Approved	2025	Engineering
T.0005874	CRAG VIEW-CASCADE 115KV NERC PROJECT	NOC: AL 7571-E	2025-04-11	Approved	2025	Engineering
T.0008284	IGNACIO - SOBRANTE 230KV TRP PH2 & PH3	NOC: AL 7580-E	2025-04-25	Approved	2025	Engineering
T.0000007	Vaca Dixon Area Reinforcement Project	NOC: AL 7542-E PTC: A.24-06-008	2025-03-12 2024-06-28	Approved Filed and Under Review	2025 TBD	Engineering
T.0000155	Lockeford - Lodi Area 230 kV Development	CPCN: A.23-09-001	2023-09-01	Filed and Under Review	TBD	Engineering
T.0009169	Metcalf HVDC Interconnection Project	NOC: AL 7391-E	2024-10-10	Filed and Under Review	TBD	Engineering
T.0000349	Moraga-Oakland #1-#4 Rebuild	PTC: A. 24-11-005	2024-11-15	Filed and Under Review	TBD	Engineering
T.0010230	Cooley Landing Los Altos 60kV Pole Relo	NOC: AL 7605-E	2025-05-23	Filed and Under Review	TBD	Engineering
T.0007072	IGNACIO-MARE ISL 115KV (IGN SUB/HWY SUB)	NOC	Expected 2025 Q2	TBD	TBD	Construction
T.0009190	Merced - 1 70kV - Caltrans Pole Relo	NOC	Expected 2025 Q2	TBD	TBD	Engineering
T.0007676	AWS Gilroy 115kV Interconnection	NOC	Expected 2025 Q2	TBD	TBD	Engineering
T.0004281	Lakeville #2 60kV:RELO:Novato CalT_101	NOC	Expected 2025 Q2	TBD	TBD	Engineering
T.0006100	Potter Valley - Mendocino 60 KV TWR RPL	NOC	Expected 2025 Q3	TBD	TBD	Engineering
T.0009652	Eden Landing Eastshore Grant	NOC	Expected 2025 Q3	TBD	TBD	Engineering
T.0004279	Salinas-Laureles 60kV:RELO:S_Davis_Rd	NOC	Expected 2025 Q3	TBD	TBD	Engineering
T.0008749	Weber-Mormon Jct Reconductor	NOC	Expected 2025 Q3	TBD	TBD	Engineering
T.0009604	Momentum 230/21kV Substation	NOC	Expected 2025 Q3	TBD	TBD	Engineering
T.0008740	Tulucay-Napa No. 2 60kV Pole Relo	NOC	Expected 2025 Q4	TBD	TBD	Engineering
T.0000156	Wheeler Ridge Junction Substation	PTC	Expected 2026 Q1	TBD	TBD	Engineering
T.0008218	Q1444 Beauchamp	NOC	Expected 2026 Q2	TBD	TBD	Engineering
T.0010873	LC24-2 Lockheed #1 Sub TLine Cust Sub	NOC	Expected 2026 Q2	TBD	TBD	Engineering
T.0009607	Tulucay-Napa 60kV Line Reconductoring	NOC	Expected 2026 Q2	TBD	TBD	Engineering
T.0010100	Applied Materials Argues Load Increase	NOC (5809176)	Expected 2026 Q2 (5809176 - Phase 2)	TBD	TBD	Engineering
T.0009641	Cortina #1 60 kV Line Reconductoring	NOC	Expected 2026 Q3	TBD	TBD	Engineering
T.0010903	L0015 Rue Ferrari Large Load	NOC	Expected 2027 Q1	TBD	TBD	Engineering
T.0010809	L0006 BRITTON-MONTA VISTA & NEWARK-APPLI	NOC (5810600) NOC (5810602)	Expected 2027 Q2 (5810600 - Phase 3) Expected 2027 Q2 (5810602 - Phase 3)	TBD	TBD	Engineering

T.0000159 - Egbert 230kV Switching Station

Project Details

County	San Francisco
Year of BC Approval	2016
CAISO Year	2015
CPUC Filing Type	CPCN: A.17-12-021
CPUC Status	Approved
CPUC Status Year	2020
Total Actuals to Date	\$ 81,783
Current Projected Cost	\$ 261,829
In Service Date	11/5/2029
Project Status	Engineering
Original In-Service Date	12/1/2021
Reason for Change in ISD	Prioritization

Project Description

The Martin 230 kV Bus Extension project will: Construct a new 230 kV switching station near, but not adjacent to, Martin Substation. Relocate voltage control and power flow limiting equipment associated with the Jefferson-Martin and Martin-Embarcadero Cables from Martin, if necessary, to the new switching station. Completion of the Martin Bus Extension project will improve service reliability and system resiliency in serving customers in San Francisco and northern San Mateo County.

Entity Initiating Project: CAISO
Distribution Components: N/A

Project Need

The project need was first identified in 2013, when the CAISO initiated a risk and vulnerability assessment of the electric transmission system serving San Francisco and northern San Mateo County. The proposed Egbert 230kV Switching Station project will improve electric system resiliency and resolve reliability concerns for a devastating or catastrophic event at Martin Substation by rearranging existing 230kV transmission circuits to create a separate transmission path into San Francisco that bypasses Martin Substation. In addition to providing another power source into San Francisco, it will also keep the San Francisco alternating current transmission system energized, which will enable TBC to deliver up to 400 MW of power into the City.

Project & Permitting Status Updates

Construction Start: 05/14/27

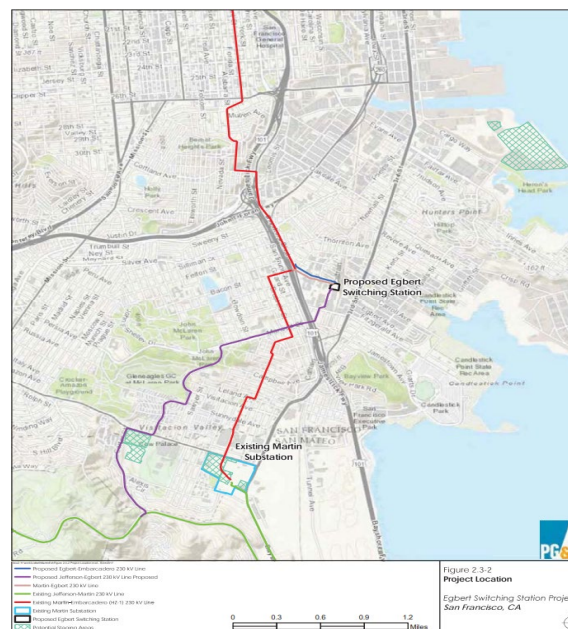
CPUC Date Filed: 12/28/17

Notice to Proceed (NTP) request was submitted July and August 2021. NTP 1 was authorized October 2021. PG&E is continuing to work with the property owners to acquire easements. Egbert 230kV Switching Station is currently internally On Hold.

Actual	ITD	Projected									
2025		2025	2026	2027	2028	2029	2030	2031	EAC		
-\$1,517	\$81,783	\$5,425	\$6,752	\$41,754	\$37,935	\$80,202	\$3,045	\$88	\$261,829		
-1%		2%	3%	16%	14%	31%	1%	0%			

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
MARTIN BUS EXT: SF RAS MODIFICATIONS @ C	Reliability	Substation Reliability	NA	230 kV	5767648	61	10/5/2029	\$ 8	\$ 3,561
MARTIN BUS EXT: EMBARCADERO PROT UPGRADE	Reliability	Substation Reliability	NA	230 kV	5767647	61	10/4/2029	\$ 99	\$ 5,241
MARTIN BUS EXT: JEFFERSON PROT UPGRADES	Reliability	Substation Reliability	NA	230 kV	5767646	61	10/23/2029	\$ 64	\$ 6,989
MARTIN BUS EXT: MARTIN SUB PROT UPGRADES	Reliability	Substation Reliability	NA	230 kV	5767645	61	11/5/2029	\$ 305	\$ 7,270
REROUTE JEFFERSON_MARTIN 230KV LINE	Reliability	T-Line Capacity	230	NA	5767217	60	10/24/2029	\$ 31,772	\$ 74,091
NEW EGBERT SWITCHYARD_230KV BUS EXT.	Reliability	Substation Capacity	NA	230 kV	5767214	61	10/4/2029	\$ 45,751	\$ 131,644
LOOP EMBARCADERO & MARTIN	Reliability	T-Line Capacity	230	NA	5767213	60	10/17/2029	\$ 3,767	\$ 32,176
EGBERT T-LINE - VISITACION AVE EASEMENT	Reliability	T-Line Capacity	230	NA	5551310	60	12/31/2025	\$ 17	\$ 857



*Note: All dollar figures represented in the 000s



T.0000597 - VIERRA 115 KV REINFORCEMENT

Project Details

County	San Joaquin
Year of BC Approval	2018
CAISO Year	2011
CPUC Filing Type	PTC: A.18-06-004
CPUC Status	Approved
CPUC Status Year	2021
Total Actuals to Date	\$ 51,287
Current Projected Cost	\$ 65,440
In Service Date	6/4/2026
Project Status	Construction
Original In-Service Date	1/24/2023
Reason for Change in ISD	Prioritization

Project Description

Loop the Tesla-Stockton Co-Gen Junction 115kV Power Line into Vierra Substation, convert the Vierra 115kV bus into a 4-bay breaker-and-a-half (BAAH) bus configuration, add a Howland Road Co-Gen Radial Feed, install a 115kV Sustainable Modular Protection (SMP) / Modular Protection Automation and Controls (MPAC), and install battery buildings.

Entity Initiating Project: CAISO
Distribution Components: Distribution Relocation

Project Need

The Vierra 115kV Reinforcement project is required to meet NERC Reliability Standards and was approved by the California Independent System Operator (CAISO) in 2011. The Vierra 115kV Reinforcement project reduces these risks by increasing system resiliency with the addition of the fifth transmission path in the Tesla 115kV system, increasing reliability with a more reliable bus configuration and also reducing the transmission line exposure by sectionalizing the Tesla-Stockton Cogen Junction 115kV Power Line by looping it into the Vierra Substation.

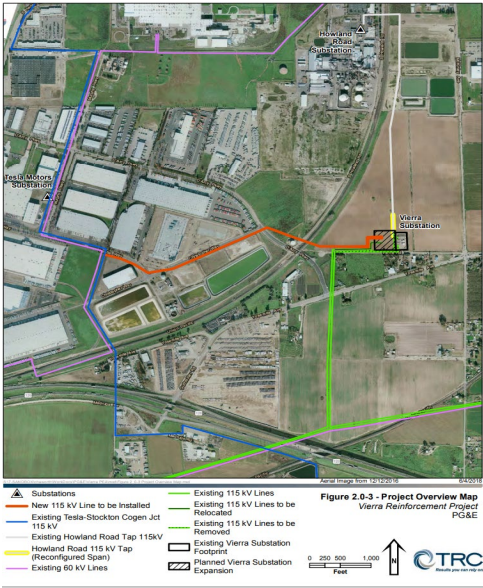
Project & Permitting Status Updates

Construction Start: 05/21/24
CPUC Date Filed: 06/15/18

Actual 2025	ITD	Projected 2025	2026	2027	2028	2029	2030	2031	EAC
\$8,520	\$51,287	\$8,677	\$5,316	\$160	\$0	\$0	\$0	\$0	\$65,440
13%		13%	8%	0%	0%	0%	0%	0%	

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
VIERRA 115KV TLINE RECONFIGURATION PH 2	Reliability	System Design Upgrade	115	NA	5805561	60	10/7/2025	\$ 62	\$ 903
VIERRA 115 KV BAAH PHASE 2	Reliability	Bus Upgrade	NA	115 kV	5805478	61	6/4/2026	\$ 128	\$ 5,142
RIPON: UPGRADE VIERRA REMOTE END	Infrastructure Enhancement	MPAC	NA	115 kV	5777421	67	9/30/2025	\$ 155	\$ 386
HOWLAND: UPGRADE VIERRA REMOTE END	Infrastructure Enhancement	MPAC	NA	115 kV	5777419	67	11/3/2025	\$ 2,387	\$ 4,022
MANTECA: UPGRADE VIERRA REMOTE END	Infrastructure Enhancement	MPAC	NA	115 kV	5777418	67	9/22/2025	\$ 993	\$ 1,637
TRACY: UPGRADE VIERRA REMOTE END	Infrastructure Enhancement	MPAC	NA	115 kV	5777397	67	8/8/2025	\$ 1,347	\$ 1,647
KASSON: UPGRADE VIERRA REMOTE END	Infrastructure Enhancement	MPAC	NA	115 kV	5777396	67	11/12/2025	\$ 1,059	\$ 1,421
TESLA: UPGRADE VIERRA REMOTE END	Infrastructure Enhancement	MPAC	NA	115 kV	5777395	67	11/26/2025	\$ 326	\$ 526
VIERRA BAAH CONTROL BUILDING	Infrastructure Enhancement	MPAC	NA	115 kV	5777394	67	10/9/2025	\$ 10,170	\$ 12,222
NV_VIERRA 115 KV BAAH	Reliability	Bus Upgrade	NA	115 kV	5746745	61	7/31/2025	\$ 21,350	\$ 23,972
VIERRA 115 KV REINFORCEMENT PH 1 (TLINE)	Reliability	System Design Upgrade	115	NA	5746744	60	2/23/2025	\$ 11,646	\$ 11,900
VIERRA ACQUIRE PERM LAND RIGHTS	Reliability	System Design Upgrade	NA	NA	5527666	60	NA	\$ 1,663	\$ 1,663



*Note: All dollar figures represented in the 000s



T.0000154 - Estrella 230 kV Transmission Substation

Project Details

County	San Luis Obispo
Year of BC Approval	2015
CAISO Year	2014
CPUC Filing Type	PTC: A.17-01-023
CPUC Status	Approved
CPUC Status Year	2024
Total Actuals to Date	\$ 44,193
Current Projected Cost	\$ 176,204
In Service Date	3/30/2029
Project Status	Engineering
Original In-Service Date	5/1/2019
Reason for Change in ISD	Prioritization

Project Description

Construct and own the new Estrella 230/70/21 kV Substation and associated transmission line work as defined by the CAISO's Transmission Plan. Connecting the new Estrella Substation to the 230 kV and 70 kV systems will improve capacity and service reliability to PG&E customers in the Paso Robles area. This project is part of the Utility's overall program to upgrade its substation design to meet today's customer service reliability expectations.

Entity Initiating Project: CAISO
Distribution Components: Distribution Substation

Project Need

Completion of this project will mitigate outage risks associated with thermal overloads and voltage concerns across the planning area. The project will also support the Paso Robles Substation, which has reached maximum capacity, by connecting a new substation and downstream assets to an additional, reliable source from the Morro Bay-Gates 230 kV transmission line. Construction/reconductoring of a 70 kV power line that connects the new substation to Paso

Project & Permitting Status Updates

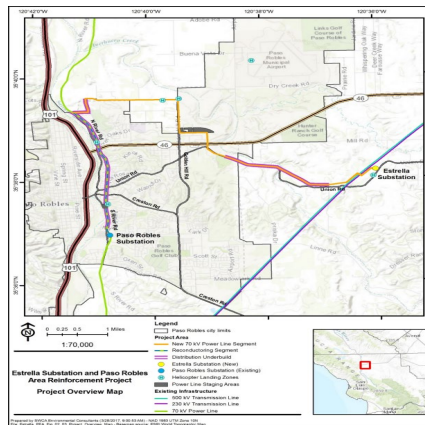
Construction Start: 10/27/25
CPUC Date Filed: 01/25/17

Final EIR released early Q2 2023. Request for NTP submitted February 7, 2025. CPUC comments received February 26. Currently working on response, anticipate re-submittal in June 2025

Actual	ITD	Projected								
2025		2025	2026	2027	2028	2029	2030	2031	EAC	
\$3,386	\$44,193	\$11,662	\$20,416	\$39,391	\$33,916	\$26,595	\$31	\$0	\$176,204	

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
REC SAN MIGUEL-PASO ROBLES 70KV PH.2 ENG	Reliability	Line Reconductoring	70	NA	5810240	60	12/28/2027	\$ 106	\$ 5,589
UNION-SAN MIGUEL_PASO ROBLES 70KV - ENG	Reliability	T-Line Capacity	70	NA	5806384	60	3/30/2029	\$ 5,598	\$ 23,344
TEMPLETON SUB-INSTALL REVERSE POWER RELA	Reliability	Substation Capacity	NA	230 kV	5805698	61	9/30/2027	\$ 28	\$ 1,200
TERMINAL UPGRADES PASO ROBLES SUB	Reliability	New T-Line	NA	70 kV	5805506	61	1/7/2026	\$ 100	\$ 858
REC SAN MIGUEL-PASO ROBLES 70KV PH.2 EST	Reliability	Line Reconductoring	70	NA	5805505	60	12/28/2027	\$ 3,911	\$ 11,109
MORRO BAY: UPGRADE 230KV RELAY	Reliability	Substation Reliability	NA	230 kV	5771722	61	7/23/2027	\$ 46	\$ 1,941
CALIFORNIA FLATS: UPGRADE 230KV RELAY	Reliability	Substation Reliability	NA	230 kV	5771721	61	7/16/2027	\$ 53	\$ 2,230
UNION-SAN MIGUEL_PASO ROBLES 70KV - EST	Reliability	New T-Line	70	NA	5771719	60	3/30/2029	\$ 10,956	\$ 42,439
MORRO BAY - CAL FLATS 230KV LINE SHOOFLY	Reliability	T-Line Capacity	230	NA	5771718	60	12/14/2026	\$ 121	\$ 1,393
RECOND. SAN MIGUEL-PASO ROBLES 70KV PH.1	Reliability	New T-Line	70	NA	5767231	60	4/15/2026	\$ 6,836	\$ 18,068
ESTRELLA_CPUC LIC/PER	Reliability	T-Line Capacity	230 70	NA	5767230	60	6/2/2025	\$ 1,330	\$ 1,412
MORRO BAY-CAL FLATS 230KV INTERCONNECTIO	Reliability	New T-Line	230	NA	5767208	60	5/26/2028	\$ 1,392	\$ 9,163
UNION 70KV SUBSTATION	Reliability	New Substation	NA	70 kV	5767207	61	5/26/2028	\$ 12,688	\$ 54,019
ROW UNION-SAN MIGUEL_PASO ROBLES 70KV	Reliability	New T-Line	70	NA	5554011	60	NA	\$ 170	\$ 1,050
ROW San Miguel-Paso Robles 70KV Ph. 2	Reliability	New T-Line	70	NA	5554010	60	NA	\$ 4	\$ 940
ROW San Miguel-Paso Robles 70KV Ph.1	Reliability	New T-Line	70	NA	5554009	60	NA	\$ 455	\$ 643
Land Purchase for 70KV Substation	Reliability	New Substation	NA	NA	5553459	61	NA	\$ 401	\$ 806



*Note: All dollar figures represented in the 000s



T.0007629 - Fulton-Hopland 60 kV Reconductor (EGI)

Project Details

County	Sonoma
Year of BC Approval	2024
CAISO Year	2018
CPUC Filing Type	NOC: AL 7532-E
CPUC Status	Approved
CPUC Status Year	2025
Total Actuals to Date	\$ 3,395
Current Projected Cost	\$ 57,893
In Service Date	3/31/2027
Project Status	Engineering
Original In-Service Date	3/31/2027
Reason for Change in ISD	NA

Actual 2025	ITD	Projected 2025	2026	2027	2028	2029	2030	2031	EAC
\$249	\$3,395	\$13,634	\$20,135	\$20,686	\$43	\$0	\$0	\$0	\$57,893
0%		24%	35%	36%	0%	0%	0%	0%	

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
FULTON-HOPLAND RECON (HOPLAND-GEYSERS)	Generator Interconnection	Generation Interconnection	60	NA	5798940	82	2/2/2027	\$ 2,501	\$ 45,941
FULTON-HOPLAND RECON (GEYSERS-FITCH MTN)	Generator Interconnection	Generation Interconnection	60	NA	5798804	82	3/31/2027	\$ 893	\$ 11,952

Project Description

The project scope of work includes the following: Local Delivery Network Upgrade:
Reconductor Fulton-Hopland 60kV Line (Fitch Mountain Jct 009/005A – Geysers Jct 016/004) ~7 miles total length with 715 AAC.
Reconductor Fulton-Hopland 60kV Line (Geysers Jct 016/003A/Cloverdale Jct 026/002-Hopland) ~ 24.21 miles total length with 715 AAC and upgrade any limiting equipment.

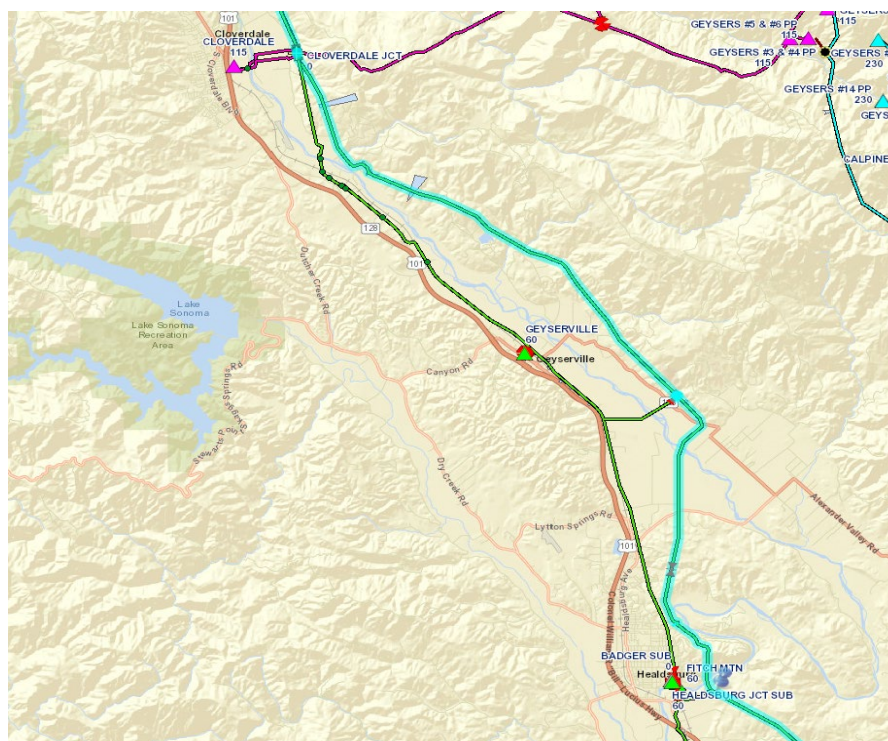
Entity Initiating Project: Third Party
Distribution Components: N/A

Project Need

This Local Delivery Upgrade project is tied to the following electric generation interconnection projects: Q1455 & Q1444

Project & Permitting Status Updates

Construction Start: 11/01/25
CPUC Date Filed: 03/11/25



*Note: All dollar figures represented in the 000s



T.0000415 - IGNACIO-MARE ISLD Jameson/Hwy - Cordelia

Project Details

County	Napa
Year of BC Approval	2022
CAISO Year	NA
CPUC Filing Type	NOC: AL 7563-E
CPUC Status	Approved
CPUC Status Year	2025
Total Actuals to Date	\$ 23,690
Current Projected Cost	\$ 35,716
In Service Date	10/31/2025
Project Status	Engineering
Original In-Service Date	9/30/2023
Reason for Change in ISD	NA

Actual 2025	ITD	Projected 2025	2026	2027	2028	2029	2030	2031	EAC
\$1,772	\$23,690	\$11,684	\$342	\$0	\$0	\$0	\$0	\$0	\$35,716
5%		33%	1%	0%	0%	0%	0%	0%	

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
IGNACIO-MARE ISLAND HWY SUB-JAMESON SHOO	Asset Condition	NERC Compliance - GO 95	115	NA	5801318	93	NA	\$ 1,883	\$ 1,883
IGNACIO-MARE ISL 115KV (HWY SUB/COR SUB)	Asset Condition	NERC Compliance - GO 95	115	NA	5774831	93	10/31/2025	\$ 8,351	\$ 20,322
IGNACIO-MARE ISLD #1 115KV NERC STEEL	Asset Condition	NERC Compliance - GO 95	115	NA	5754759	93	11/5/2024	\$ 11,443	\$ 11,473
IGNACIO-MARE ISLD #1 - SUPPORT OF IGNACI	Asset Condition	NERC Compliance - GO 95	115	NA	5551781	93	11/14/2023	\$ 1,238	\$ 1,238
IGNACIO-MARE-ISLAND LAND RIGHTS ACQ	Asset Condition	NERC Compliance - GO 95	115	NA	5547940	93	NA	\$ 775	\$ 801

Project Description

The Ignacio-Mare Island #1 and #2 115kV NERC project team will be performing work from the Highway Substation to Cordelia Substation to replace and install structures, install cage extensions, and reconductor approximately 16.0 miles due to over-tension issues. It will also perform work from Jameson Substation to the North Tower and Mare Island Substations to replace and install structures and reconductor approximately 5.2 miles due to over-tension issues.

Entity Initiating Project: PG&E
Distribution Components: NA

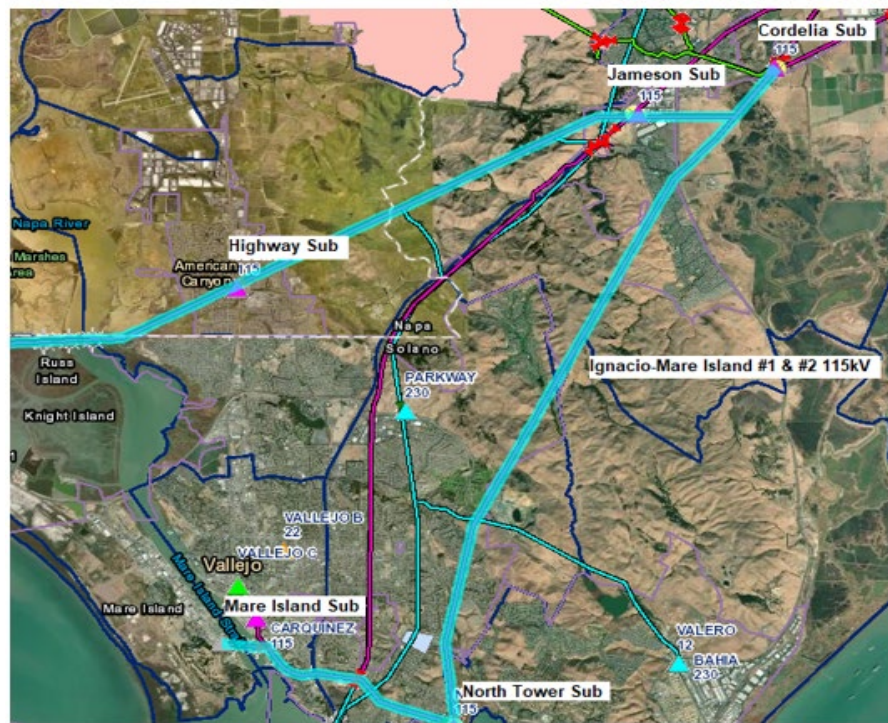
Project Need

The project team will improve system performance and reduce extended outage risk on the Ignacio-Mare Island 115kV transmission line by completing the scopes shown below.

Project & Permitting Status Updates

Construction Start: 10/04/23
CPUC Date Filed: 04/02/25

NOC: AL 6601-E Approved for Jameson South portion of the scope. NOC: AL 7563-E Approved for Ignacio-Mare Island Highway Sub to Cordelia portion of the scope (Construction Start 6/9/25)



*Note: All dollar figures represented in the 000s



T.0005874 - CRAG VIEW-CASCADE 115KV NERC PROJECT

Project Details

County	Shasta
Year of BC Approval	2021
CAISO Year	NA
CPUC Filing Type	NOC: AL 7571-E
CPUC Status	Approved
CPUC Status Year	2025
Total Actuals to Date	\$ 20,189
Current Projected Cost	\$ 44,027
In Service Date	10/31/2025
Project Status	Engineering
Original In-Service Date	10/31/2022
Reason for Change in ISD	Prioritization

Actual 2025	ITD	Projected 2025	2026	2027	2028	2029	2030	2031	EAC
\$501	\$20,189	\$23,701	\$137	\$0	\$0	\$0	\$0	\$0	\$44,027
1%		54%	0%	0%	0%	0%	0%	0%	

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
CRAGVIEW-CASCADE 115KV RECON P2	Asset Condition	NERC Compliance - GO 95	115	NA	5795434	93	10/31/2025	\$ 2,726	\$ 26,565
CRAGVIEW-CASCADE 115KV RECON P1	Asset Condition	NERC Compliance - GO 95	115	NA	5790354	93	2/23/2023	\$ 17,462	\$ 17,462

Project Description

Project Scope:
 Replace 21.6 miles of existing conductor with 397 Aluminum Conductor Steel Reinforced (ACSR) conductor (Phase 1 = ~8.6 miles & Phase 2 = ~13 miles).
 Replace 99 existing structures with new steel structures (Phase 1 = 37 structures & Phase 2 = 63).
 Re-tension Optical Ground Wire (OPGW)

Entity Initiating Project: PG&E
 Distribution Components: N/A

Project Need

The project team will address CPUC GO-95 and PG&E standard requirements, in addition to increasing system performance and reducing fire ignition risk in Shasta County

Project & Permitting Status Updates

Construction Start: 06/21/22
 CPUC Date Filed: 04/11/25

Phase 1: NOC AL 6547-E (Construction Start June 2022)
 Phase 2: NOC AL 7571-E (Construction Start 6/30/25)



*Note: All dollar figures represented in the 000s

T.0008284 - IGNACIO - SOBRANTE 230KV TRP PH2 & PH3

Project Details

County	Napa
Year of BC Approval	2022
CAISO Year	NA
CPUC Filing Type	NOC: AL 7580-E
CPUC Status	Approved
CPUC Status Year	2025
Total Actuals to Date	\$ 1,366
Current Projected Cost	\$ 14,502
In Service Date	11/4/2025
Project Status	Engineering
Original In-Service Date	12/31/2022
Reason for Change in ISD	Scope Change

Project Description

The project scope of work includes following:
 Replace structures IG004/025, IG004/024, IG004/023, IG004/022, IG004/021, and IG003/020 and their foundations under phase 2.
 Replace structures IG003/015 through IG002/010 and their foundations under phase 3.

Entity Initiating Project: PG&E
 Distribution Components: N/A

Project Need

The replacement of these towers is necessary because they are in critical condition, and the engineering recommendation was to replace the whole structure.

Project & Permitting Status Updates

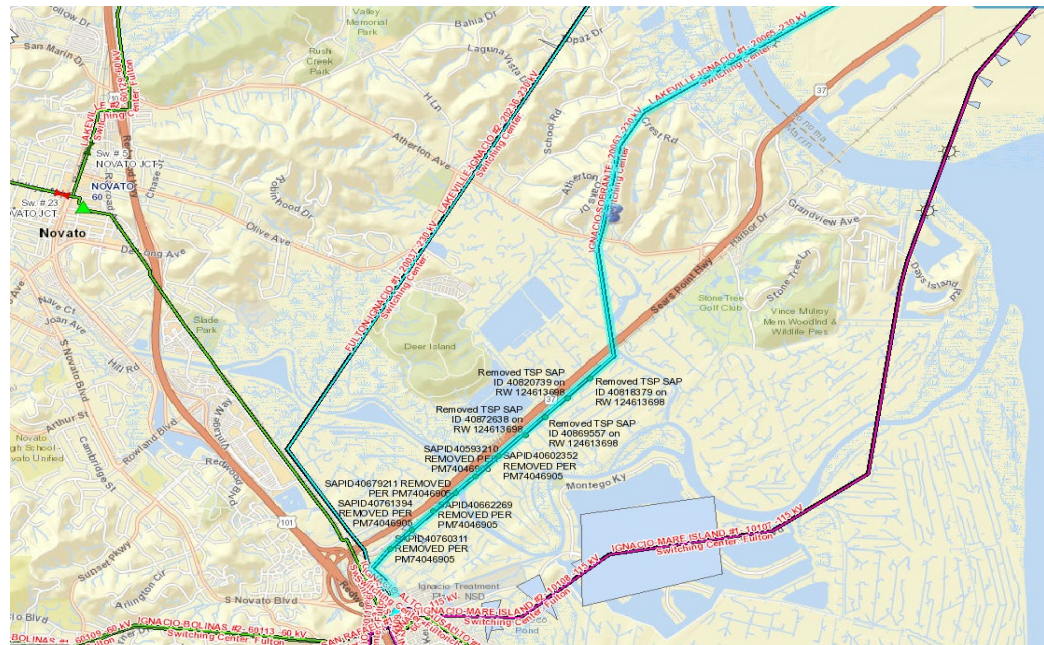
Construction Start: 09/25/25
 CPUC Date Filed: 04/25/25

Phase 2 CatEx

Actual 2025	ITD	Projected 2025	2026	2027	2028	2029	2030	2031	EAC
\$458	\$1,366	\$12,987	\$149	\$0	\$0	\$0	\$0	\$0	\$14,502
3%		90%	1%	0%	0%	0%	0%	0%	

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
IGNACIO - SOBRANTE 230KV TRP PH3	Asset Condition	Replace Steel Poles	230	NA	5800802	70	11/4/2025	\$ 1,366	\$ 14,502



*Note: All dollar figures represented in the 000s

T.0000007 - Vaca Dixon Area Reinforcement Project

Project Details

County	Solano
Year of BC Approval	2024
CAISO Year	2011
CPUC Filling Type	NOC: AL 7542-E PTC: A.24-06-008
CPUC Status	Approved Filed and Under Review
CPUC Status Year	2025 TBD
Total Actuals to Date	\$ 5,930
Current Projected Cost	\$ 42,791
In Service Date	4/30/2027
Project Status	Engineering
Original In-Service Date	12/1/2023
Reason for Change in ISD	Prioritization

Project Description

The California ISO's 2018-2019 Transmission Planning Process (TPP) has identified the need for the Vaca – Dixon Area Reinforcement Project. This project will mitigate overloads and voltage criteria violations in the 115kV and 60kV transmission systems among Vaca Dixon, Davis, Rio Oso and Brighton Substations. The project will include the following work:
 Install two 5.0 MVAR capacitor banks at Plainfield Substation.
 Replace the limiting elements on the 60kV equipment at Dixon Substation.
 Re-rate the Woodland - Davis 115kV Line and the Rio Oso - West Sac 115kV Line.

Entity Initiating Project: CAISO
 Distribution Components: N/A

Project Need

The California ISO's 2018-2019 Transmission Planning Process (TPP) has identified the need for the Vaca – Dixon Area Reinforcement Project. This project will mitigate overloads and voltage criteria violations in the 115kV and 60kV transmission systems among Vaca Dixon, Davis, Rio Oso and Brighton Substations.

Project & Permitting Status Updates

Construction Start: 03/03/25

CPUC Date Filed: 3/12/2025 | 6/28/2024

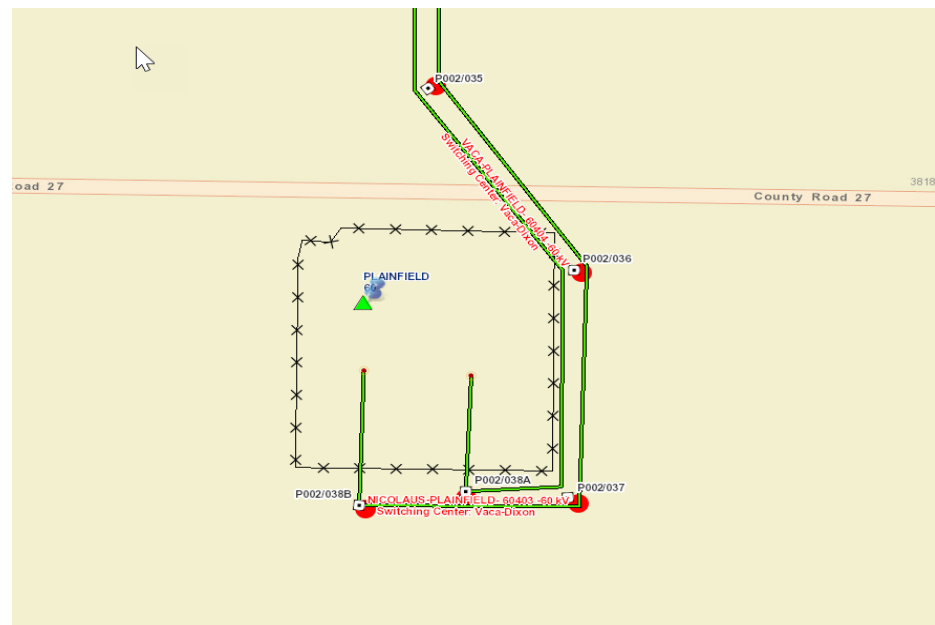
PO 5766696 (Plainfield) – PTC filed 6/28/24. Anticipate CPUC IS/MND to be finalized on 9/29/25
 PO 5766694 (Woodland-Davis) – NOC filed 3/12/25, effective 4/18/25

Actual 2025	ITD	Projected 2025	2026	2027	2028	2029	2030	2031	EAC
\$955	\$5,930	\$9,713	\$20,829	\$6,126	\$193	\$0	\$0	\$0	\$42,791

2%	23%	49%	14%	0%	0%	0%	0%
----	-----	-----	-----	----	----	----	----

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
PLAINFIELD SUB - RELOCATE TSPS	Reliability	System Design Upgrade	60	NA	5785807	60	3/24/2027	\$ 779	\$ 6,653
PLAINFIELD: INSTALL TWO CAP BANKS	Reliability	Voltage Support	NA	60 kV	5766696	61	4/30/2027	\$ 3,234	\$ 28,780
RERATE WOODLAND - DAVIS T-LINE	Reliability	Line Reconductoring	115	NA	5766694	60	11/19/2025	\$ 1,884	\$ 5,387
WOODLAND: 115KV LINE TERMINAL UPDATE	Reliability	Line Termination	NA	115 kV	5560779	61	7/16/2025	\$ 0	\$ 0
DAVIS: 115KV LINE TERMINAL UPDATE	Reliability	Line Termination	NA	115 kV	5560573	61	7/16/2025	\$ 1	\$ 1
PLAINFIELD: ACQUIRE LAND	Reliability	New Substation	NA	NA	5554308	61	9/26/2025	\$ 32	\$ 1,969



*Note: All dollar figures represented in the 000s



T.0000155 - Lockeford - Lodi Area 230 kV Development

Project Details

County	San Joaquin
Year of BC Approval	2022
CAISO Year	2013
CPUC Filing Type	CPCN: A.23-09-001
CPUC Status	Filed and Under Review
CPUC Status Year	TBD
Total Actuals to Date	\$ 22,196
Current Projected Cost	\$ 142,844
In Service Date	11/7/2029
Project Status	Engineering
Original In-Service Date	3/1/2017
Reason for Change in ISD	Prioritization

Actual 2025	ITD	Projected 2025	2026	2027	2028	2029	2030	2031	EAC
\$678	\$22,196	\$3,827	\$4,763	\$28,312	\$36,845	\$42,731	\$4,160	\$10	\$142,844
0%		3%	3%	20%	26%	30%	3%	0%	

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
LOCKEFORD SUBSTATION UPGRADES	Reliability	Bus Upgrade	NA	230 kV	5771389	61	11/7/2029	\$ 324	\$ 25,175
230 KV TLINE LOCKEFORD - NEW INDUSTRIAL	Reliability	New T-Line	230	NA	5767239	60	11/7/2029	\$ 19,036	\$ 53,751
LOOP IN BRIGHTON-BELLOTA INTO LOCKEFORD	Reliability	System Design Upgrade	230	NA	5767209	60	11/7/2029	\$ 1,463	\$ 28,548
NEW 230 KV INDUSTRIAL SWITCHING STATION	Reliability	New Substation	NA	230 kV	5767188	61	6/12/2029	\$ 1,373	\$ 35,371

Project Description

The Lockeford-Lodi Area 230 kV Development Project will loop the Brighton – Bellota 230 kV Line into Lockeford 230 kV Substation to bring a new 230 kV source into the area. A new 230 kV double circuit tower line will be constructed to connect the existing Lockeford 230 kV Substation to a new 230 kV switching to be constructed near the City of Lodi's existing Industrial 60 kV Substation. To accommodate the Brighton – Bellota loop-in and the new DCTL, the Lockeford 230 kV Bus will be upgraded to a four-bay breaker-and-a-half (BAAH) bus configuration. The City of Lodi will be constructing a new 230/60 kV Substation which will be connected to the new 230 kV switching station.

Entity Initiating Project: CAISO
Distribution Components: N/A

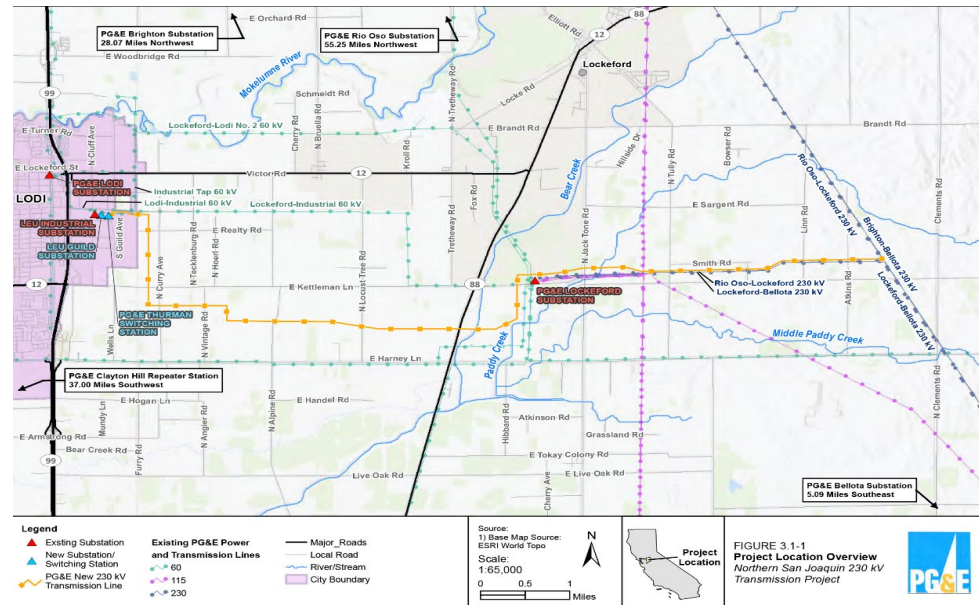
Project Need

Planning analysis has identified several voltage and thermal issues in the area under NERC TPL-001-4 Category P1 and P6 contingencies. To mitigate the voltage issues in the area, the operating action plan radializes the Lockeford-Lodi Area, when the area load reaches 150 MW, putting the entire area at risk of an outage for a single contingency. The proposed project is required to reliably serve the Lockeford-Lodi Area.

Project & Permitting Status Updates

Construction Start: 12/07/28

CPUC Date Filed: 09/01/23



CPUC Draft EIR public review ended 2/11/2025. PG&E submitted a comment letter on the draft EIR on 2/7/25

*Note: All dollar figures represented in the 000s

T.0009169 - Metcalf HVDC Interconnection Project

Project Details

County	Santa Clara
Year of BC Approval	2024
CAISO Year	2022
CPUC Filing Type	NOC: AL 7391-E
CPUC Status	Filed and Under Review
CPUC Status Year	TBD
Total Actuals to Date	\$ 20,835
Current Projected Cost	\$ 553,240
In Service Date	6/28/2030
Project Status	Engineering
Original In-Service Date	6/1/2030
Reason for Change in ISD	NA

Project Description

The scope of the Metcalf – San Jose B HVDC project is modified as follows:

- Build a 1,000 MW HVDC link between Metcalf 500 kV and San Jose B 230 kV substation (LS Power)
- The voltage at the AC side of the San Jose B converter station is changed from 115 kV to 230 kV.
- A 230 kV switchyard and a 230/115 kV transformer will be required at San Jose B.

Entity Initiating Project: CAISO
Distribution Components: Distribution Underbuild

Project Need

The CAISO awarded a third party (LS Power) the two new transmission projects to construct high-voltage direct current (HVDC) lines in the South Bay area to alleviate potential grid overloads.

Project & Permitting Status Updates

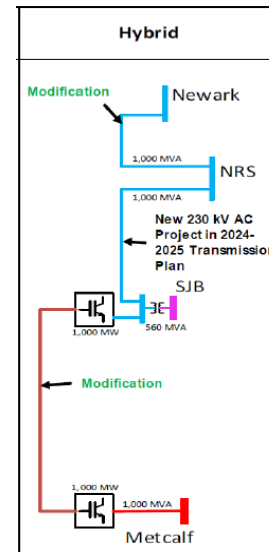
Construction Start: 07/29/25
CPUC Date Filed: 10/10/24

2/24/25 - NOC was protested. The AL is suspended while we work out a settlement with one of the protests.

Actual 2025	ITD	Projected 2025	2026	2027	2028	2029	2030	2031	EAC
\$4,106	\$20,835	\$55,250	\$157,828	\$102,043	\$88,893	\$105,013	\$23,025	\$353	\$553,240
1%		10%	29%	18%	16%	19%	4%	0%	

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
SAN JOSE B 230KV GIS	Reliability	Bus Upgrade	NA	230 kV	5813144	61	6/28/2030	\$ -	\$ 149,298
TLSUP:SAN JOSE B SUB RELOCATE MAINL P1	Reliability	T-Line Capacity	NA	NA	5810781	6	9/23/2025	\$ 535	\$ 3,056
TLSUP_METCALF LS POWER FIBER RELOCATION	Reliability	T-Line Capacity	NA	NA	5810185	6	6/17/2030	\$ 18	\$ 46
TLSUP_SAN JOSE B SUB RELOC MAINLINE PH2	Reliability	T-Line Capacity	NA	NA	5810184	6	5/1/2026	\$ 359	\$ 3,034
SAN JOSE B - HVDC - SAN JOSE A RE	Reliability	Substation Capacity	NA	115 kV	5807758	61	2/2/2028	\$ 82	\$ 980
SAN JOSE B - HVDC - TRIMBLE RE	Reliability	Substation Capacity	NA	115 kV	5807739	61	3/3/2028	\$ 18	\$ 966
SAN JOSE B - HVDC CONNECTION - TLINE	Reliability	T-Line Capacity	115	NA	5806625	60	2/2/2028	\$ 77	\$ 7,977
SAN JOSE B - HVDC CONNECTION	Reliability	Substation Capacity	NA	115 kV	5804789	61	12/30/2027	\$ 17,115	\$ 245,666
METCALF - 500KV HVDC CONNECTION	Reliability	Substation Capacity	NA	500 kV	5804788	61	12/31/2027	\$ 2,610	\$ 141,542
SAN JOSE B - HVDC - SOUTH TRANSITION RE	Reliability	Substation Capacity	NA	115 kV	5555161	61	3/3/2028	\$ 11	\$ 370
SAN JOSE B - HVDC - NORTH TRANSITION RE	Reliability	Substation Capacity	NA	115 kV	5555160	61	12/30/2027	\$ 10	\$ 304



*Note: All dollar figures represented in the 000s

T.0000349 - Moraga-Oakland #1-#4 Rebuild

Project Details

County	Contra Costa
Year of BC Approval	2020
CAISO Year	NA
CPUC Filing Type	PTC: A. 24-11-005
CPUC Status	Filed and Under Review
CPUC Status Year	TBD
Total Actuals to Date	\$ 20,443
Current Projected Cost	\$ 274,181
In Service Date	12/30/2030
Project Status	Engineering
Original In-Service Date	7/31/2025
Reason for Change in ISD	Prioritization

Actual	Projected									
2025	ITD	2025	2026	2027	2028	2029	2030	2031	EAC	
\$870	\$20,443	\$2,051	\$2,523	\$3,204	\$6,025	\$95,341	\$116,158	\$27,298	\$274,181	
0%		1%	1%	1%	2%	35%	42%	10%		

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
MORAGA-OAKLAND X 115KV #3&4 RECOND	Asset Condition	Replace Conductor	115	NA	5793948	93	12/30/2030	\$ 7,468	\$ 116,883
MORAGA-OAKLAND X 115KV #1&2 RECOND	Asset Condition	Replace Conductor	115	NA	5793947	93	12/30/2030	\$ 11,269	\$ 128,613
MORAGA SUB: 115KV TERMINAL UPGRADES	Reliability	Substation Reliability	NA	115 kV	5789522	61	12/30/2030	\$ 267	\$ 13,248
OAKLAND X SUB: 115KV BUS UPGRADE	Reliability	Substation Reliability	NA	115 kV	5789521	61	12/30/2030	\$ 460	\$ 14,271
MORAGA-OAKLAND X 115KV LINES 1-4 LAND	Asset Condition	Replace Conductor	115	NA	5551684	93	12/30/2030	\$ 979	\$ 1,166

Project Description

The project proposes to replace the structures, conductors, and hardware in the same overhead alignment between Moraga Substation and California State Highway 13 and also to relocate the line sections between Highway 13, and Oakland X underground (UG) within city streets. By replacing the aging facilities PG&E can improve wildfire safety and public safety and increase path capacity into the Oakland area. The project scope of work includes:

- Removal of 78 existing lattice steel transmission towers
- Removal of approximately 20 circuit miles of conductor
- Installation of approximately 60 new lattice steel transmission towers
- Installation of approximately 11 miles of ACCR conductor
- Installation of three 115kV underground duct banks with 115kV transmission cables totaling approximately six miles
- Installation of new 115kV circuit breakers and air switches at Moraga Substation
- Upgrade the 115kV bus at Oakland X Substation to complement the higher capacity ACCR conductor

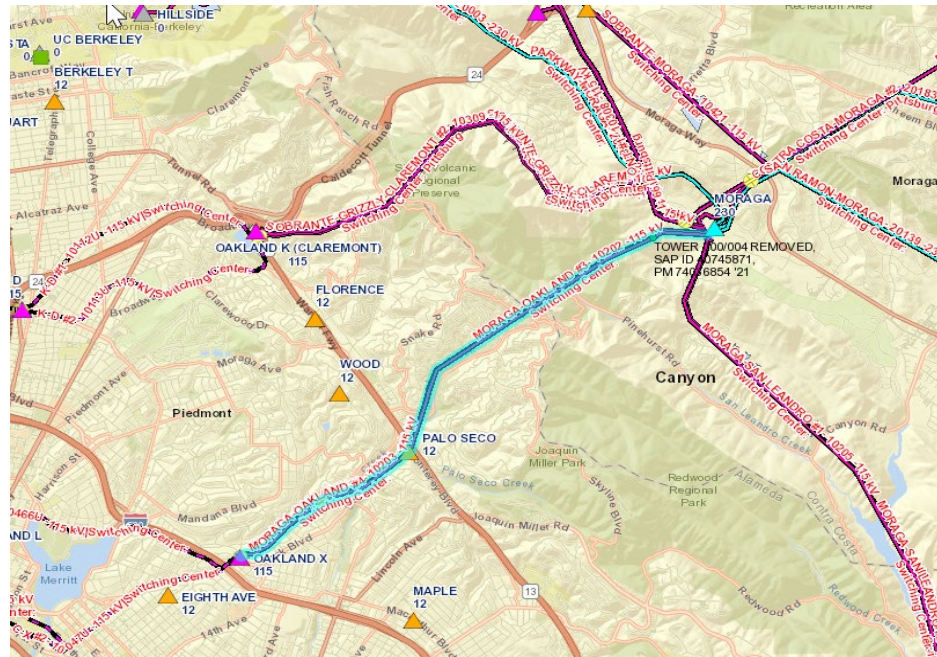
Entity Initiating Project: PG&E
Distribution Components: N/A

Project Need

By replacing the aging facilities PG&E can improve wildfire safety and public safety and increase path capacity into the Oakland area.

Project & Permitting Status Updates

Construction Start: 05/01/29
CPUC Date Filed: 11/15/24



*Note: All dollar figures represented in the 000s



T.0010230 - Cooley Landing Los Altos 60kV Pole Relo

Project Details

County	Santa Clara
Year of BC Approval	2025
CAISO Year	NA
CPUC Filing Type	NOC: AL 7605-E
CPUC Status	Filed and Under Review
CPUC Status Year	TBD
Total Actuals to Date	\$ (246)
Current Projected Cost	\$ (0)
In Service Date	11/5/2025
Project Status	Engineering
Original In-Service Date	5/5/2025
Reason for Change in ISD	Resources

Project Description

This project proposes to relocate one pole, (Cooley Landing-Los Altos A002/052) and install a new pole, (Cooley Landing-Los Altos A002/051A) on the Cooley Landing-Los Altos 60kV line near the intersection of Jordan Ave and El Camino Real, in the City of Los Altos.

Entity Initiating Project: Third Party
Distribution Components: NA

Project Need

Replace and relocate one transmission poles A002/052 and add new pole (A002/051A) on PG&E owned Cooley Landing-Los Altos 60kV in Santa Clara, CA, to accommodate a new residential development and road improvement project.

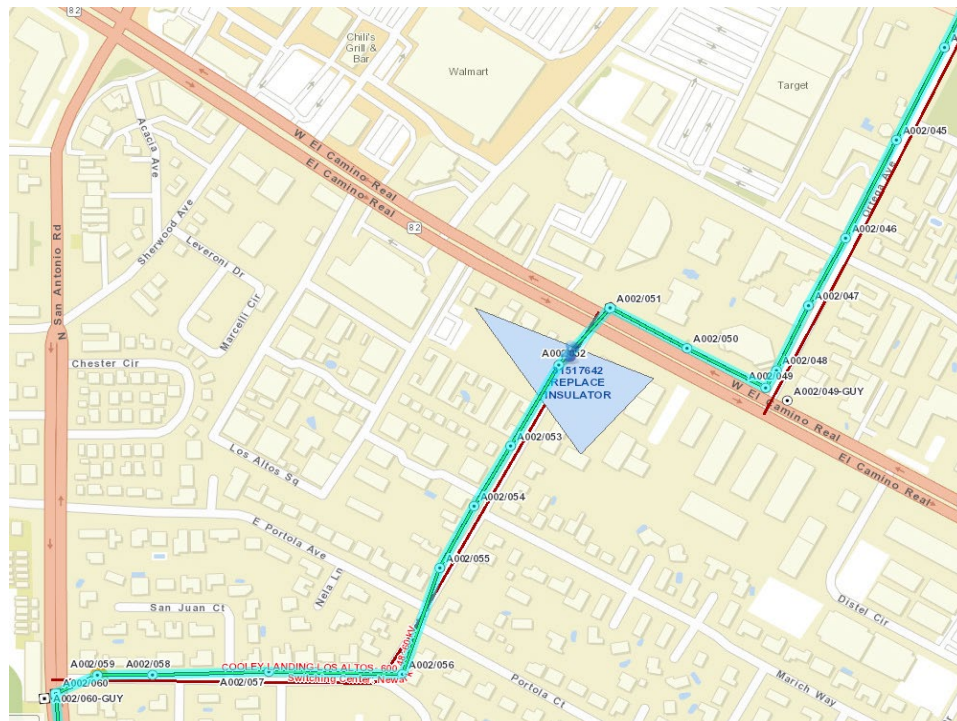
Project & Permitting Status Updates

Construction Start: 10/29/25
CPUC Date Filed: 05/23/2025

Actual 2025	ITD	Projected 2025	2026	2027	2028	2029	2030	2031	EAC
\$59	-\$246	\$230	\$16	\$0	\$0	\$0	\$0	\$0	\$0
-19823%		-77539%	-5439%	0%	0%	0%	0%	0%	

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
COOLEY LANDING LOS ALTOS 60KV POLE RELO	WRO	Facility Relocation	60	NA	5557239	82	11/5/2025	\$ (246)	\$ (0)



*Note: All dollar figures represented in the 000s

T.0007072 - IGNACIO-MARE ISL 115KV (IGN SUB/HWY SUB)

Project Details

County	Napa
Year of BC Approval	2022
CAISO Year	NA
CPUC Filing Type	NOC
CPUC Status	TBD
CPUC Status Year	TBD
Total Actuals to Date	\$ 51,817
Current Projected Cost	\$ 228,311
In Service Date	12/31/2027
Project Status	Construction
Original In-Service Date	1/15/2027
Reason for Change in ISD	Clearances

Project Description

Replace 34 deteriorated towers along the Ignacio-Mare Island #1 and #2 115 kV transmission line.

Entity Initiating Project: PG&E
Distribution Components: N/A

Project Need

The replacement of the 34 towers in the scope of this project will address NERC non-compliances from Ignacio Substation to Highway Substation and improve the overall safety and reliability of the system due to the condition of these towers.

Project & Permitting Status Updates

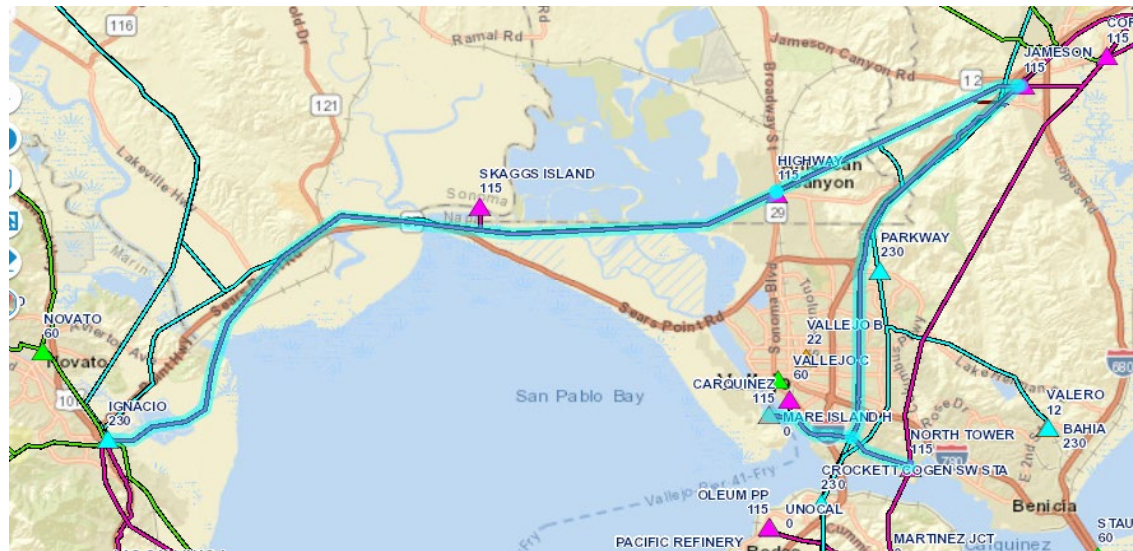
Construction Start: 02/28/23
CPUC Date Filed: Expected 2025 Q2

Phase 4 Construction Start Date 11/17/25

Actual	ITD	Projected								
2025		2025	2026	2027	2028	2029	2030	2031	EAC	
\$843	\$51,817	\$56,306	\$54,323	\$52,573	\$13,093	\$200	\$0	\$0	\$228,311	
0%		25%	24%	23%	6%	0%	0%	0%		

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
IGNACIO - MARE ISLAND TWR REPL PHASE 3	Asset Condition	Replace Steel Poles	115	NA	5801466	70	12/13/2024	\$ 12,747	\$ 12,747
IGNACIO - MARE ISLAND TWR REPL PHASE 2	Asset Condition	Replace Steel Poles	115	NA	5798400	70	12/19/2023	\$ 20,802	\$ 20,805
IGNACIO-MARE ISL 115KV (IGN SUB/HWY SUB)	Asset Condition	Replace Steel Poles	115	NA	5792138	70	3/20/2023	\$ 17,846	\$ 17,846
IGNACIO - MARE ISLAND TWR REPL PHASE 4	Asset Condition	Replace Steel Poles	115	NA	5801467	70	12/19/2025	\$ 422	\$ 62,123
IGNACIO - MARE ISLAND TWR REPL PHASE 5	Asset Condition	Replace Steel Poles	115	NA	5806102	70	11/25/2026	\$ -	\$ 55,073
IGNACIO - MARE ISLAND TWR REPL PHASE 6	Asset Condition	Replace Steel Poles	115	NA	5806103	70	12/31/2027	\$ -	\$ 59,718



*Note: All dollar figures represented in the 000s

T.0009190 - Merced - 1 70kV - Caltrans Pole Relo

Project Details

County	Fresno
Year of BC Approval	2023
CAISO Year	NA
CPUC Filing Type	NOC
CPUC Status	TBD
CPUC Status Year	TBD
Total Actuals to Date	\$ 535
Current Projected Cost	\$ 1,314
In Service Date	10/23/2025
Project Status	Engineering
Original In-Service Date	6/30/2024
Reason for Change in ISD	Permitting

Actual 2025	ITD	Projected 2025	2026	2027	2028	2029	2030	2031	EAC
\$230	\$535	\$864	-\$84	\$0	\$0	\$0	\$0	\$0	\$1,314
18%		66%	-6%	0%	0%	0%	0%	0%	

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
MERCED - 1 70KV - CALTRANS POLE RELO	WRO	Facility Relocation	70	NA	5552619	82	10/23/2025	\$ 535	\$ 1,314

Project Description

Relocate at least five wood poles, 002/008, 002/009, 002/010, 002/011, 002/012, on the Merced #1 70 kV Line in Merced County, California

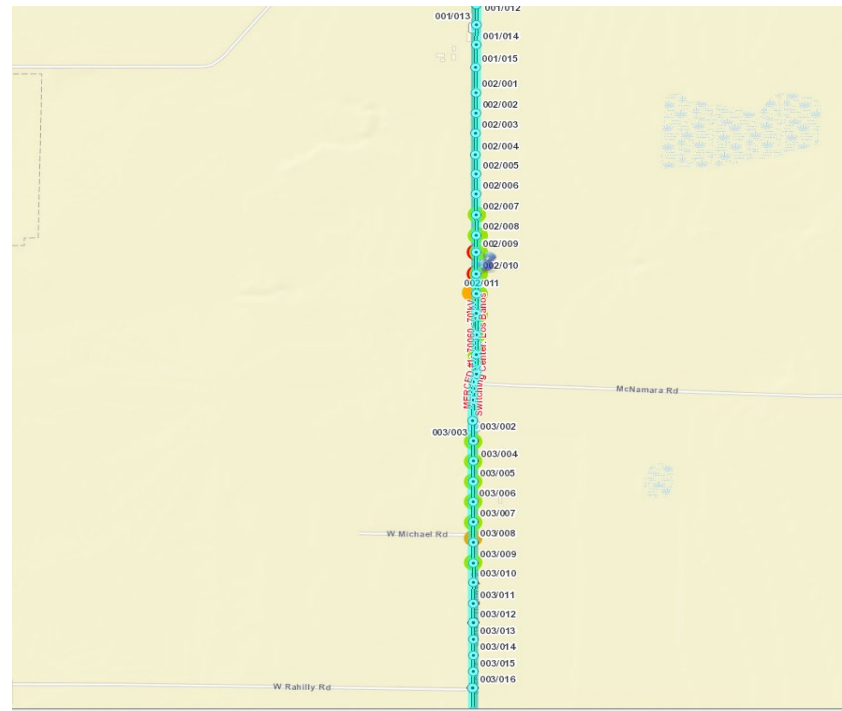
Entity Initiating Project: Third Party
Distribution Components: N/A

Project Need

The work is needed to accommodate California Department of Transportation (Caltrans) proposed roadway improvements, along State Route 59, between Post Mile R0.0 and R12.1, in Merced County

Project & Permitting Status Updates

Construction Start: 09/10/25
CPUC Date Filed: Expected 2025 Q2



*Note: All dollar figures represented in the 000s

T.0007676 - AWS Gilroy 115kV Interconnection

Project Details

County	Santa Clara
Year of BC Approval	TBD
CAISO Year	NA
CPUC Filing Type	NOC
CPUC Status	TBD
CPUC Status Year	TBD
Total Actuals to Date	\$ 2,239
Current Projected Cost	\$ 22,224
In Service Date	10/14/2026
Project Status	Engineering
Original In-Service Date	NA
Reason for Change in ISD	NA

Project Description

Construct new switching station and install additional conductor on the Morgan Hill-Llagas 115 kV tower line to a new switching station at the customer site.

Install two (2) 115kV bay BAAH Switching station on ADS property and include space for future expansion up to 4 bays

Install protective relaying for the new breakers/lines

Upgrade remote ends(ADS, Morgan Hill & Llagas substations) with the necessary protective relaying/communication/SCADA

Install 0.16 miles of Double Circuit Transmission line from Tower 019/123 on the Morgan Hill-Llagas 115 kV tower line to a new switching station

Entity Initiating Project: Third Party

Distribution Components: N/A

Project Need

The Interconnection Customer (IC) has requested PG&E to serve the proposed data center.The IC plans to build two datacenters and a dedicated customer power facility capable of receiving power starting with 30 MW and up to 96MW at 115 kV.

Project & Permitting Status Updates

Construction Start: 10/13/25

CPUC Date Filed: Expected 2025 Q2

Actual 2025	ITD	Projected 2025	2026	2027	2028	2029	2030	2031	EAC
\$845	\$2,239	\$7,020	\$12,711	\$255	\$0	\$0	\$0	\$0	\$22,224
4%		32%	57%	1%	0%	0%	0%	0%	

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
AWS SFO69: DIRECT ASSIGNMENT	WRO	Load Interconnection	NA	115 kV	5800026	82	10/14/2026	\$ 151	\$ 791
AWS SFO69: LLAGAS REMOTE END	WRO	Load Interconnection	NA	115 kV	5800025	82	8/7/2026	\$ 473	\$ 5,379
AWS SFO69: MORGAN HILL RE	WRO	Load Interconnection	NA	115 kV	5800024	82	6/24/2026	\$ 328	\$ 2,857
AWS SFO69: GARLIC 115KV SS	WRO	Load Interconnection	NA	115 kV	5799024	82	10/14/2026	\$ 669	\$ 3,161
AWS SFO69: ARROYO 115KV T-LINES	WRO	Load Interconnection	115	NA	5560042	82	10/14/2026	\$ 5	\$ 5
AWS SFO69: METERING	WRO	Load Interconnection	NA	115 kV	5557503	82	10/14/2026	\$ 3	\$ 204
EP L005 AWS MORGAN HILL FIBER INSTALL	WRO	Load Interconnection	NA	NA	5557259	10	12/31/2025	\$ 39	\$ 792
EP L005 AWS LLAGAS FIBER INSTALL	WRO	Load Interconnection	NA	NA	5557240	10	12/11/2025	\$ 61	\$ 1,989
AWS SFO69: MH-LLAGAS 115KV LOOP	WRO	Load Interconnection	115	NA	5547567	82	9/10/2026	\$ 447	\$ 5,907
AWS GILROY: LAND ACQUISITION	WRO	Load Interconnection	NA	115 kV	5547486	82	NA	\$ 62	\$ 1,140



T.0004281 - Lakeville #2 60kV:RELO:Novato_Calt_101

Project Details

County	Marin
Year of BC Approval	2022
CAISO Year	NA
CPUC Filing Type	NOC
CPUC Status	TBD
CPUC Status Year	TBD
Total Actuals to Date	\$ 1,059
Current Projected Cost	\$ 2,749
In Service Date	11/6/2025
Project Status	Engineering
Original In-Service Date	5/31/2024
Reason for Change in ISD	Prioritization

Project Description

The project scope of work addresses Poles A006/126 to A009/167 on the Lakeville #2 60kV line: Relocate and replace forty (40) existing wood transmission poles with new wood transmission poles. Relocate and upgrade two (2) wood transmission poles with new tubular steel poles (TSP). Relocate 13,943 circuit feet of 1/0-7 CU and 397.5-19 AAC 60 kV conductor. Relocate distribution under-build. Relocate and replace four (4) field switches.

Entity Initiating Project: Third Party
Distribution Components: Underbuild

Project Need

Caltrans has initiated the Highway 101 Improvement Project in Marin County, which proposes improvements to a segment of Highway 101, in Novato, CA. These improvements are in conflict with 42 overhead transmission poles on PG&E's Lakeville #2 60 kV Line. This project proposes to relocate PG&E's transmission infrastructure in conflict

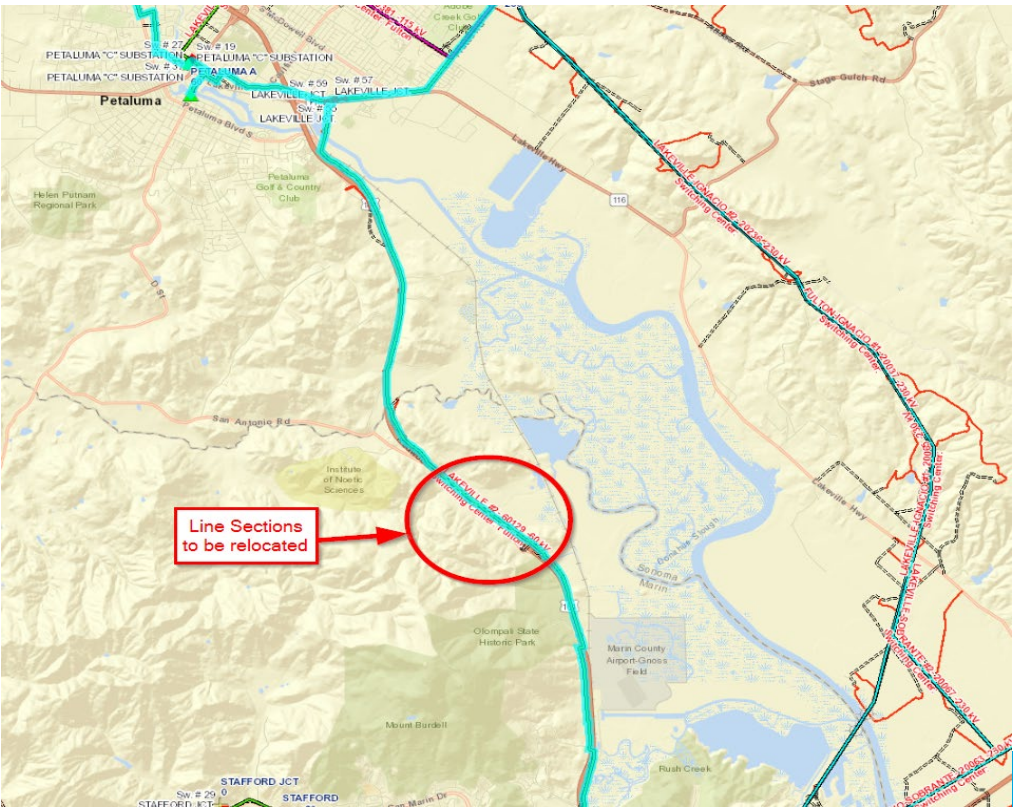
Project & Permitting Status Updates

Construction Start: 10/30/25
CPUC Date Filed: Expected 2025 Q2

Actual 2025	ITD	Projected 2025	2026	2027	2028	2029	2030	2031	EAC
\$99	\$1,059	\$4,183	-\$2,368	\$0	\$0	\$0	\$0	\$0	\$2,749
4%		152%	-86%	0%	0%	0%	0%	0%	

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
LAKEVILLE #2 60KV:RELO:NOVATO_CALT_101	WRO	Facility Relocation	60	NA	5531919	82	11/6/2025	\$ 1,059	\$ 2,749



*Note: All dollar figures represented in the 000s



T.0006100 - Potter Valley - Mendocino 60 KV TWR RPL

Project Details

County	Mendocino
Year of BC Approval	TBD
CAISO Year	NA
CPUC Filing Type	NOC
CPUC Status	TBD
CPUC Status Year	TBD
Total Actuals to Date	\$ 1,387
Current Projected Cost	\$ 3,525
In Service Date	7/17/2028
Project Status	Engineering
Original In-Service Date	TBD
Reason for Change in ISD	NA

Actual 2025	ITD	Projected 2025	2026	2027	2028	2029	2030	2031	EAC
\$135	\$1,387	\$2,123	\$15	\$0	\$0	\$0	\$0	\$0	\$3,525
4%		60%	0%	0%	0%	0%	0%	0%	

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
POTTER VALLEY-MENDOCINO LAND ORDER	Asset Condition	Replace Steel Poles	NA	NA	5800759	70	NA	\$ 2	\$ 2
TLSUP_POTTER VALLEY 1105 UNDERBUILD	Asset Condition	Replace Steel Poles	NA	NA	5800359	6	7/17/2028	\$ 101	\$ 109
POTTER VALLEY - MENDOCINO 60 KV TWR RPL	Asset Condition	Replace Steel Poles	60	NA	5541160	70	11/26/2025	\$ 1,284	\$ 3,414

Project Description

Four lattice steel tower replacements (w/new lattice steel towers), replace conductors, insulators and transmission line from Structures 000/004 to 000/007. Reconductoring approximately 0.42 miles. The existing 3/0 CU conductor will be replaced with 397 AAC 19 Strands "Canna" between 000/004 and 000/007. No new access roads will be constructed. A pull site may be used for reconductoring activities, the location of which is still being determined.

Entity Initiating Project: PG&E
Distribution Components: Underbuild

Project Need

Structures 000/005, 000/006 and associated conductor (1 span) be replaced due to severe leaning, on the Potter Valley-Mendocino 60 kV line. This issue was identified during inspection of the line as a part of the Wildfire Safety Inspection Program (WSIP) launched in 2018.

Engineering review conducted by internal PG&E engineers has determined that the two structures cannot be replaced in place without creating cascading ground infractions. Other issues identified on the line were over-tension (OT), California Public Utilities Commission (CPUC)

General Order GO-95 ground infractions and right-of-way (ROW) conductor blowout issues.

Project & Permitting Status Updates

Construction Start: 11/01/25

CPUC Date Filed: Expected 2025 Q3



NOC could be N/A. Need pull site location to complete ePlan and PEAR.



*Note: All dollar figures represented in the 000s

T.0009652 - Eden Landing Eastshore Grant

Project Details

County	Alameda
Year of BC Approval	TBD
CAISO Year	NA
CPUC Filing Type	NOC
CPUC Status	TBD
CPUC Status Year	TBD
Total Actuals to Date	\$ 1,242
Current Projected Cost	\$ (17,895)
In Service Date	11/29/2027
Project Status	Engineering
Original In-Service Date	TBD
Reason for Change in ISD	NA

Project Description

The project scope of work includes following:
Install Gas Insulated Switchgear (GIS) Switching Station: Install two (2) GIS BAAH switching station looping into Grant-Eastshore #2 115kV Line. Provide dual 115kV service from a new GIS Switching station.

Install T-Line: Two 115 kV OH Transmission lines will be built to interconnect 115 kV GIS switching station to Eastshore & Grant's 115 kV bus. The new line will be 0.40 double circuit miles of aluminum concentric stranded conductor.

Entity Initiating Project: Third Party
Distribution Components: N/A

Project Need

The Interconnection Customer (IC), has submitted an application to Pacific Gas and Electric Company (PG&E) to interconnect a manufacturing load to PG&E's Transmission system. The Project has an initial demand of 15 MW and reach 75 MW in Q1 2030.

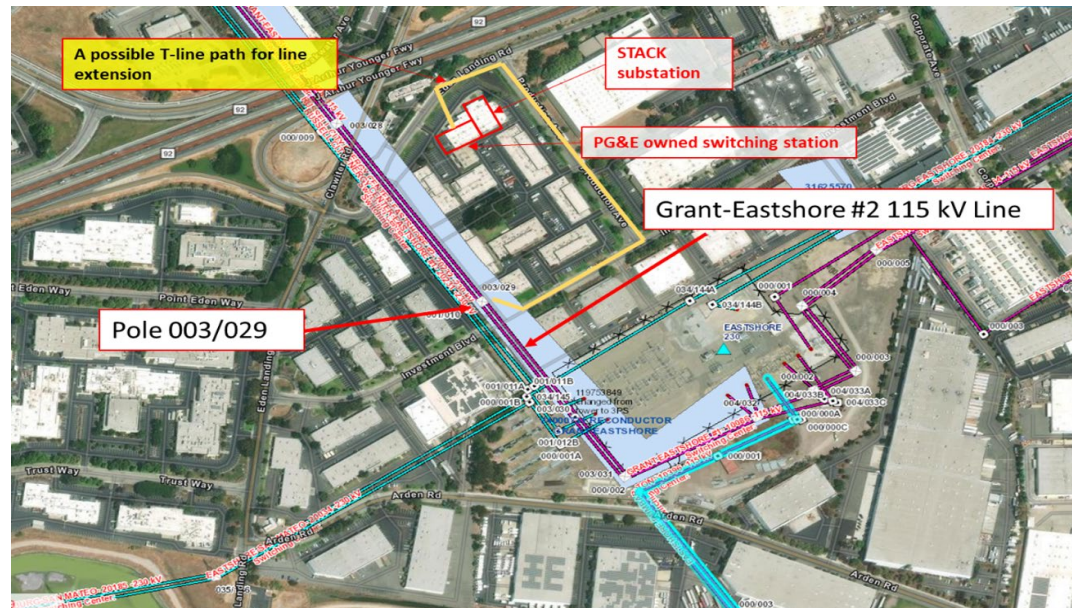
Project & Permitting Status Updates

Construction Start: 12/04/25
CPUC Date Filed: Expected 2025 Q3

Actual 2025	ITD	Projected 2025	2026	2027	2028	2029	2030	2031	EAC
\$371	\$1,242	\$1,920	\$4,190	-\$11,571	-\$13,676	\$0	\$0	\$0	-\$17,895
-2%		-11%	-23%	65%	76%	0%	0%	0%	

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
CUSTOMER SUBSTATION 115 KV T-LINE	WRO	Load Interconnection	115	NA	5813950	82	5/18/2027	\$ -	\$ 1,133
EDEN LANDING INSTALL T-LINE	WRO	Load Interconnection	115	NA	5807592	82	12/21/2026	\$ 522	\$ 3,042
EDEN LANDING INSTALL GIS	WRO	Load Interconnection	NA	115 kV	5807505	82	11/29/2027	\$ 226	\$ (25,661)
EDEN LANDING METERING	WRO	Load Interconnection	NA	115 kV	5554927	82	NA	\$ 8	\$ 20
EDEN LANDING DIRECT ASSIGNMENT	WRO	Load Interconnection	NA	115 kV	5554926	82	7/26/2027	\$ 108	\$ 532
GRANT REMOTE END UPGRADE	WRO	Load Interconnection	NA	115 kV	5554925	82	11/29/2027	\$ 139	\$ 1,596
EASTSHORE REMOTE END UPGRADE	WRO	Load Interconnection	NA	115 kV	5554924	82	11/29/2027	\$ 239	\$ 1,443



*Note: All dollar figures represented in the 000s

T.0004279 - Salinas-Laureles 60kV:RELO:S_Davis_Rd

Project Details

County	Monterey
Year of BC Approval	2020
CAISO Year	NA
CPUC Filing Type	NOC
CPUC Status	TBD
CPUC Status Year	TBD
Total Actuals to Date	\$ 151
Current Projected Cost	\$ 358
In Service Date	1/26/2026
Project Status	Engineering
Original In-Service Date	11/30/2020
Reason for Change in ISD	Customer Action

Project Description

This project will replace 27 transmission poles and install 2 new transmission poles, with distribution underbuild, between structures 002/060 to 003/096.

An additional 12 distribution poles will be replaced and 5 new distribution poles will be installed as part of the construction project, since the alignment of the distribution poles is affected by the transmission relocation. Additionally, an existing PG&E Cabinet located by Pole 002/060 will be removed, and 3 guy stubs will be relocated.

Entity Initiating Project: Third Party
Distribution Components: Underbuild

Project Need

Monterey County is requesting that PG&E relocate transmission poles on the Salinas-Laureles 60 kV Line in Monterey County to accommodate their planned construction project to widen Davis Road and reconstruct the existing bridge over the Salinas River.

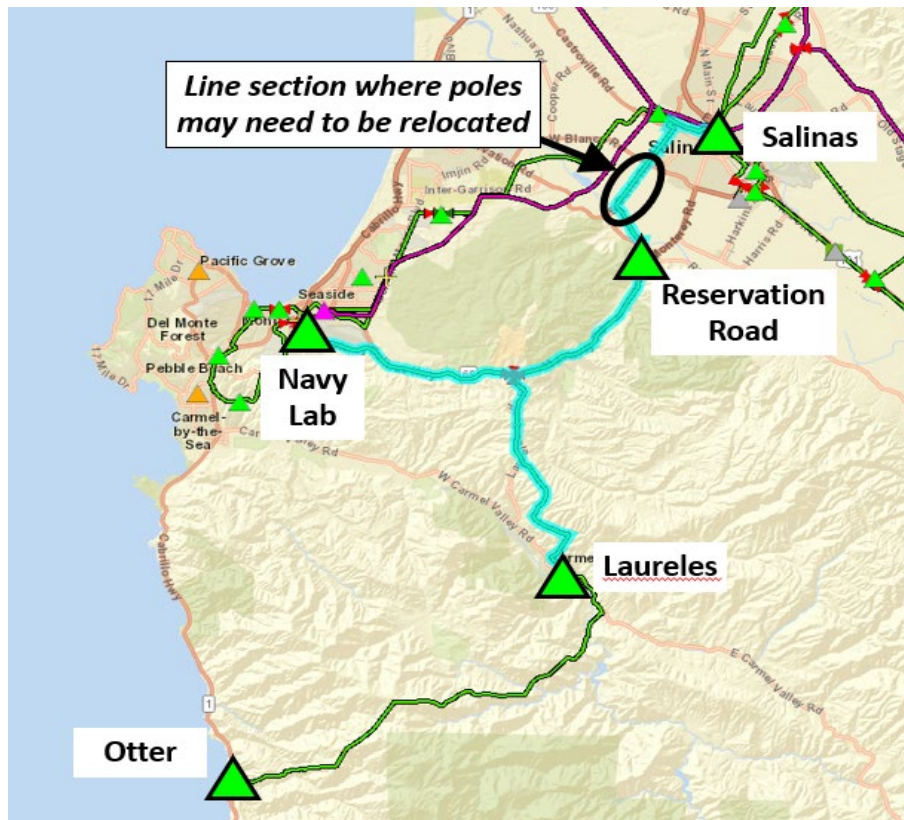
Project & Permitting Status Updates

Construction Start: 01/08/26
CPUC Date Filed: Expected 2025 Q3

Actual 2025	ITD	Projected 2025	2026	2027	2028	2029	2030	2031	EAC
\$24	\$151	\$105	\$552	\$0	\$0	\$0	\$0	\$0	\$358
7%		29%	154%	0%	0%	0%	0%	0%	

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
SALINAS-LAURELES 60KV:RELO:S_DAVIS_RD	WRO	Facility Relocation	60	NA	5531823	82	1/26/2026	\$ 151	\$ 358



*Note: All dollar figures represented in the 000s

T.0008749 - Weber-Mormon Jct Reconductor

Project Details

County	San Joaquin
Year of BC Approval	TBD
CAISO Year	2022
CPUC Filing Type	NOC
CPUC Status	TBD
CPUC Status Year	TBD
Total Actuals to Date	\$ 588
Current Projected Cost	\$ 11,846
In Service Date	4/14/2027
Project Status	Engineering
Original In-Service Date	5/1/2027
Reason for Change in ISD	NA

Project Description

Project scope:
Rebuild 6.2 circuit miles between Weber (000/004) and Mormon (006/103) of the Weber - Mormon Jct. 60 kV Line and conductor with a larger conductor to achieve at least 742 Amps of summer interior emergency rating. New poles will be sized to accommodate future distribution under build conductor.
Upgrade substation terminal equipment to achieve full conductor capacity, if needed.

Entity Initiating Project: CAISO
Distribution Components: Underbuild

Project Need

The project will increase operating flexibility, load serving capability, customer reliability, eliminate normal overloads and improve asset health

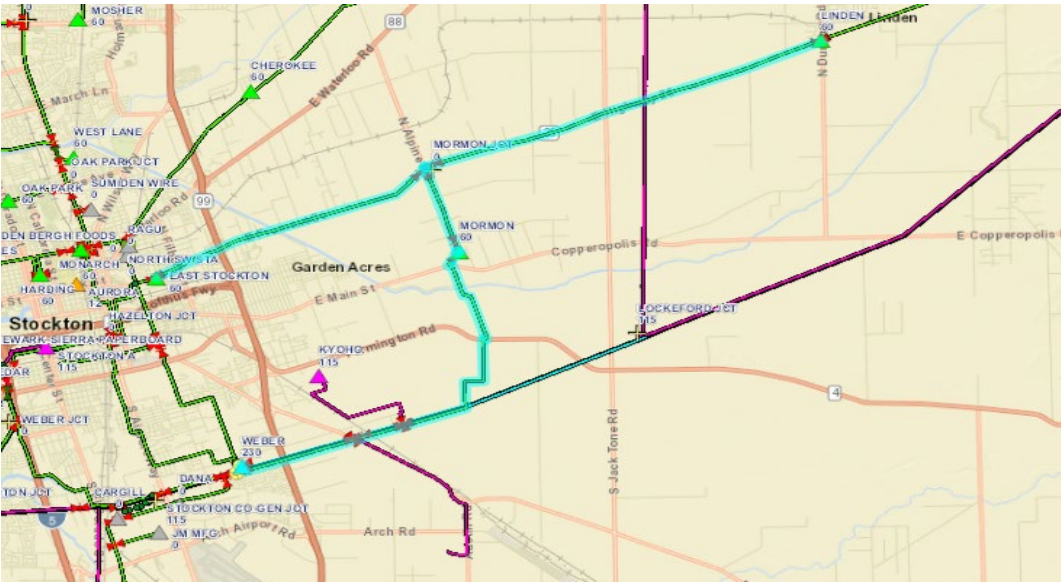
Project & Permitting Status Updates

Construction Start: 12/04/26
CPUC Date Filed: Expected 2025 Q3

Actual 2025	ITD	Projected 2025	2026	2027	2028	2029	2030	2031	EAC
\$200	\$588	\$827	\$7,124	\$3,244	\$62	\$0	\$0	\$0	\$11,846
2%		7%	60%	27%	1%	0%	0%	0%	

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
WEBER-MORMON JCT RECONDUCTOR	Reliability	Line Reconductoring	60	NA	5803222	60	4/14/2027	\$ 588	\$ 11,846



*Note: All dollar figures represented in the 000s

T.0009604 - Momentum 230/21kV Substation

Project Details

County	Placer
Year of BC Approval	TBD
CAISO Year	NA
CPUC Filing Type	NOC
CPUC Status	TBD
CPUC Status Year	TBD
Total Actuals to Date	\$ 4,189
Current Projected Cost	\$ 65,375
In Service Date	11/21/2028
Project Status	Engineering
Original In-Service Date	TBD
Reason for Change in ISD	NA

Project Description

This project will install a new substation on a 11 acre parcel being purchased in 2024. The project includes a 230kV breaker-and-a-half transmission bus, one 75MVA distribution transformer, three 21kV feeders, and work needed to loop in the 230kV transmission line into the station. The three new 21 kV underground distribution feeders will serve the residential and industrial load to prevent and prevent the overloads at Pleasant Grove substation.

Entity Initiating Project: PG&E
Distribution Components: New Substation

Project Need

To eliminate the deficiency and provide surplus distribution capacity to meet growing demand by installing two 230/21kV (75 MVA) distribution transformers at Momentum Substation(greenfield).

Project & Permitting Status Updates

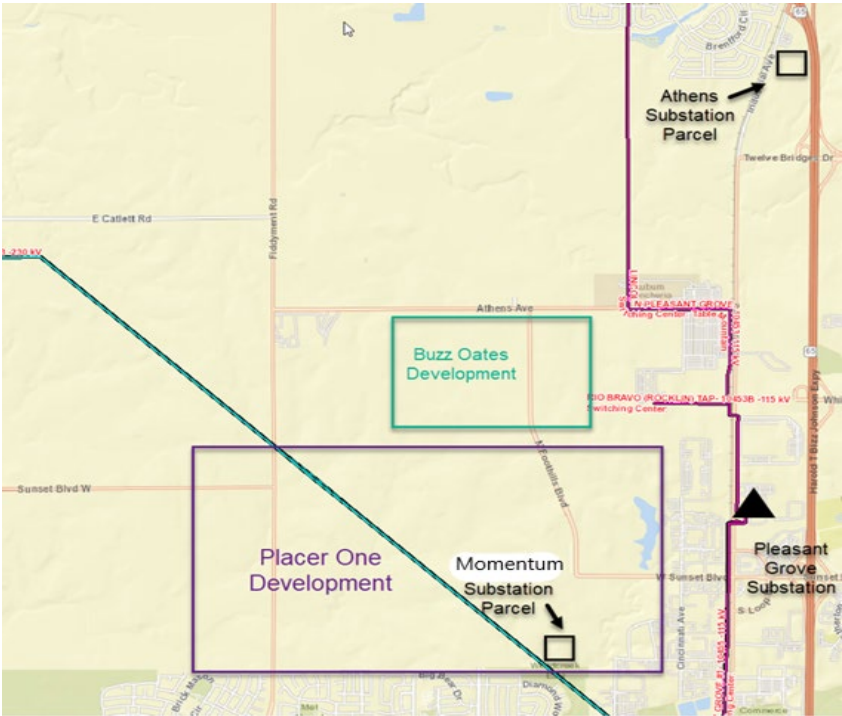
Construction Start: 02/02/27
CPUC Date Filed: Expected 2025 Q3

PG&E withdrew NOC AL 7375-E and will file an "expedited" PTC, due to Significant Unavoidable Impact in larger CEQA doc. This has been discussed with CPUC. However, with the new GO-131E, we think it probable to file another NOC instead. Waiting on some design details to confirm.

Actual	ITD	Projected								
2025		2025	2026	2027	2028	2029	2030	2031	EAC	
\$1,166	\$4,189	\$2,314	\$15,725	\$34,097	\$8,749	\$300	\$0	\$0	\$65,375	
2%		4%	24%	52%	13%	0%	0%	0%		

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
INSTALL MOMENTUM BANK 2	Load Growth	New Substation	NA	230 21 kV	5811154	46	11/21/2028	\$ 18	\$ 9,209
MOMENTUM SUB: 230KV BAAH	Load Growth	New Substation	NA	230 kV	5808038	61	12/21/2027	\$ 437	\$ 11,111
RIO OSO GOLD HILL MOMENTUM SUB TLINE WRK	Load Growth	New T-Line	230	NA	5808004	60	12/21/2027	\$ 15	\$ 5,402
MOMENTUM SUBSTATION:DIST FDR WORK	Load Growth	New Substation	NA	21 kV	5807645	6	11/5/2027	\$ 29	\$ 10,204
MOMENTUM: INSTALL 230/21KV 75 MVA TXFMR	Load Growth	New Substation	NA	230 21 kV	5807358	46	12/21/2027	\$ 3,662	\$ 26,815
MOMENTUM: UPGRADE GOLD HILL REMOTE END	Load Growth	Line Termination	NA	230 kV	5560144	61	10/29/2027	\$ 14	\$ 1,315
MOMENTUM: UPGRADE RIO OSO REMOTE END	Load Growth	Line Termination	NA	230 kV	5560143	61	10/29/2027	\$ 14	\$ 1,318



*Note: All dollar figures represented in the 000s

T.0008740 - Tulucay-Napa No. 2 60kV Pole Relo

Project Details

County	Napa	
Year of BC Approval	2014	
CAISO Year	NA	
CPUC Filing Type	NOC	
CPUC Status	TBD	
CPUC Status Year	TBD	
Total Actuals to Date	\$	226
Current Projected Cost	\$	641
In Service Date	10/2/2025	
Project Status	Engineering	
Original In-Service Date	12/15/2024	
Reason for Change in ISD		

Project Description

This project scope is to relocate poles 003/001 and 003/002 on the Tulucay-Napa No. 2 60kV line.

Entity Initiating Project: Third Party
Distribution Components: NA

Project Need

Caltrans is proposing to widen the Tulucay Creek Bridge along Highway 121 just north of the Socscal Ave and Kansas Ave intersection in Napa, CA. Poles 003/001 and 003/002 of the Tulucay-Napa No. 2 60kV line conflict with the proposed project and is being proposed to be relocated to avoid the bridge widening.

Project & Permitting Status Updates

Construction Start: 09/04/25
CPUC Date Filed: Expected 2025 Q4

[enter text]

Actual		Projected								
2025	ITD	2025	2026	2027	2028	2029	2030	2031	EAC	
\$58	\$226	\$402	\$13	\$0	\$0	\$0	\$0	\$0	\$641	
9%		63%	2%	0%	0%	0%	0%	0%		

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
TULUCAY-NAPA NO. 2 60KV POLE RELO	WRO	Facility Relocation	60	NA	5551181	82	10/2/2025	\$ 226	\$ 641



*Note: All dollar figures represented in the 000s



T.0000156 - Wheeler Ridge Junction Substation

Project Details

County	Kern
Year of BC Approval	2015
CAISO Year	2014
CPUC Filing Type	PTC
CPUC Status	TBD
CPUC Status Year	TBD
Total Actuals to Date	\$ 21,792
Current Projected Cost	\$ 352,381
In Service Date	5/1/2034
Project Status	Engineering
Original In-Service Date	5/1/2020
Reason for Change in ISD	ISO Action

Project Description

Competitive Scope (230 kV):
Construct 230 kV portion of Casa Loma Substation, including two new 230/115 kV transformers and three 230 kV line terminations.

Non-competitive Scope (230 kV / 115 kV):
Construct a new two and-a-half bay, BAAH 115 kV bus configuration at the new WRJ project substation. Upgrade existing Wheeler Ridge-Adobe Switching Station and Adobe Switching Station-Lamont 115 kV lines to 230 kV. Upgrade existing Kern-Tevis-Stockdale-Lamont and Kern Tevis-Stockdale 115 kV lines to 230 kV. Reconductor Stockdale 230 kV tap #1 and #2 lines.

Entity Initiating Project: CAISO
Distribution Components: N/A

Project Need

This project will construct a new 230/115 kV transmission substation in the Bakersfield area to provide additional transmission capacity and improve service reliability to customer in the greater Kern County area.

Project & Permitting Status Updates

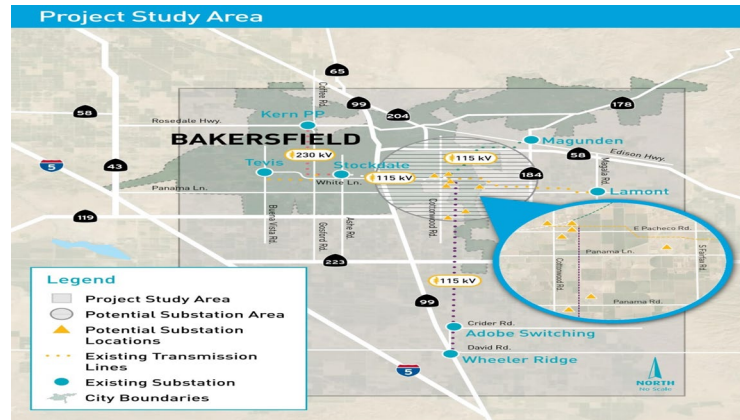
Construction Start: 03/01/28
CPUC Date Filed: Expected 2026 Q1

Pre-filing of PEA expected Q2 or Q3 2025

Actual		Projected								
2025	ITD	2025	2026	2027	2028	2029	2030	2031	EAC	
\$1,038	\$21,792	\$3,356	\$7,191	\$13,470	\$41,284	\$80,641	\$74,627	\$72,860	\$352,381	
0%		1%	2%	4%	12%	23%	21%	21%		

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
W R - WEEDPATCH (9/119 - WR)	Reliability	T-Line Capacity	70	NA	5773278	60	12/1/2032	\$ 24	\$ 2,652
STOCKDALE 230KV SUBSTATION - AMPACITY AN	Reliability	Substation Capacity	NA	230 kV	5771739	61	1/14/2032	\$ 538	\$ 38,811
KERN PP 230KV SUBSTATION - RELAY UPGRADE	Reliability	Substation Capacity	NA	230 kV	5771738	61	10/22/2031	\$ 20	\$ 2,410
WHEELER RIDGE 230KV STATION - NEW BAY	Reliability	Substation Capacity	NA	230 kV	5771737	61	2/24/2031	\$ 61	\$ 6,973
ADOBE 115KV STATION - LINE & RELAY UPGRA	Reliability	Substation Capacity	NA	115 kV	5771736	61	6/25/2031	\$ 10	\$ 857
LAMONT 115KV SUBSTATION - RELAY UPGRADE	Reliability	Substation Capacity	NA	115 kV	5771734	61	11/25/2030	\$ 27	\$ 1,191
KERN PP 115KV SUBSTATION - RELAY UPGRADE	Reliability	Substation Capacity	NA	115 kV	5771733	61	8/16/2030	\$ 28	\$ 1,118
RECONDUCTOR STOCKDALE_MAGUNDEN 115KV	Reliability	T-Line Capacity	115	NA	5767237	60	12/1/2032	\$ 34	\$ 1,993
RECONDUCTOR KERN PP_STOCKDALE 230KV	Reliability	New T-Line	230 115	NA	5767236	60	12/1/2032	\$ 265	\$ 21,471
VOLTAGE UPGRADE STOCKDALE_LAMONT 115KV	Reliability	T-Line Capacity	115	NA	5767235	60	12/1/2032	\$ 125	\$ 26,378
VLTG UPG WR SS_WRJ CASA LOMA_115KV TO 23	Reliability	T-Line Capacity	115	NA	5767234	60	12/1/2032	\$ 180	\$ 52,799
WRJ NONCOMPETITIVE_CPUC LIC/PER	Reliability	T-Line Capacity	230 115	NA	5767233	60	12/8/2027	\$ 15,788	\$ 20,831
WRJ COMPETITIVE_CPUC LIC/PER	Reliability	Substation Capacity	NA	230 115 kV	5767232	61	5/1/2034	\$ 3,375	\$ 8,088
CASA LOMA JCT SUBST_COMPETITIVE	Reliability	New Substation	NA	230 115 kV	5767215	61	5/14/2032	\$ 794	\$ 92,279
CASA LOMA JUNCTION SUBSTATION	Reliability	New Substation	NA	230 115 kV	5767199	61	1/28/2033	\$ 523	\$ 72,719
PURCHASE LAND FOR NEW SUB - NON-COMP	Reliability	New Substation	NA	NA	5523423	61	NA	\$ -	\$ 405
PURCHASE LAND FOR NEW SUBSTATION - COMP	Reliability	New Substation	NA	NA	5523422	61	3/8/2030	\$ 0	\$ 405



*Note: All dollar figures represented in the 000s



T.0008218 - Q1444 Beauchamp

Project Details

County	Colusa
Year of BC Approval	2024
CAISO Year	2022
CPUC Filing Type	NOC
CPUC Status	TBD
CPUC Status Year	TBD
Total Actuals to Date	\$ 1,871
Current Projected Cost	\$ 7,360
In Service Date	10/6/2027
Project Status	Engineering
Original In-Service Date	4/28/2025
Reason for Change in ISD	Permitting

Project Description

The Project is a PV and battery generation plant with a net output of 150 MW to Pacific Gas and Electric Company's (PG&E's) owned Cortina 115 kV Substation in Colusa County CA

Entity Initiating Project: Third Party
Distribution Components: NA

Project Need

This project will support California's policy to increase renewable energy production and reduce greenhouse gas emissions and fulfill the Utility's obligation to serve mandated by the Federal Energy Regulatory Commission (FERC).

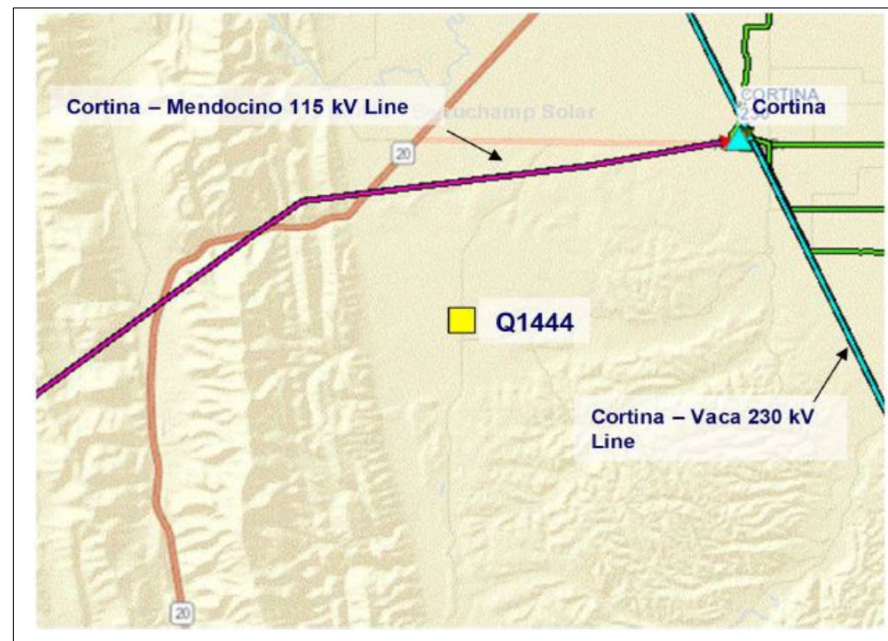
Project & Permitting Status Updates

Construction Start: 01/09/26
CPUC Date Filed: Expected 2026 Q2

Actual 2025	ITD	Projected 2025	2026	2027	2028	2029	2030	2031	EAC
\$1,155	\$1,871	\$2,207	\$3,510	\$483	\$0	\$0	\$0	\$0	\$7,360
16%		30%	48%	7%	0%	0%	0%	0%	

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
Q1444 SALOON ENRGY CRTNA CB(RNU)	Generator Interconnection	Generation Interconnection	NA	115 kV	5800367	82	7/31/2026	\$ 1,862	\$ 6,895
Q1444 SALOON ENERGY T-LINE (DA)	Generator Interconnection	Generation Interconnection	115	NA	5800366	82	8/30/2027	\$ 4	\$ (2)
Q1444 SALOON ENERGY GEN SITE (DA)	Generator Interconnection	Generation Interconnection	NA	115 kV	5800365	82	7/27/2027	\$ 1	\$ (1)
Q1444 SALOON ENERGY STORAGE (DA)	Generator Interconnection	Generation Interconnection	NA	115 kV	5800364	82	10/6/2026	\$ 4	\$ 468
Q1444 SALOON ENERGY METER (DA)	Generator Interconnection	Generation Interconnection	NA	115 kV	5548811	82	10/6/2027	\$ -	\$ 0



*Note: All dollar figures represented in the 000s

T.0010873 - LC24-2 Lockheed #1 Sub TLine Cust Sub

Project Details

County	Santa Clara
Year of BC Approval	TBD
CAISO Year	NA
CPUC Filing Type	NOC
CPUC Status	TBD
CPUC Status Year	TBD
Total Actuals to Date	\$ 89
Current Projected Cost	\$ 15,752
In Service Date	7/3/2030
Project Status	Engineering
Original In-Service Date	TBD
Reason for Change in ISD	NA

Actual 2025	ITD	Projected 2025	2026	2027	2028	2029	2030	2031	EAC
\$89	\$89	\$2,984	\$6,373	\$1,515	\$2,355	\$917	\$1,161	\$358	\$15,752
1%		19%	40%	10%	15%	6%	7%	2%	

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
L0017 - DIRECT ASSIGNMENT CUSTOMER SUBST	WRO	Load Interconnection	NA	115 kV	5813906	82	5/24/2027	\$ 11	\$ 969
LC24-2 TRANSMISSION LINE	WRO	Load Interconnection	115	NA	5813905	82	7/3/2030	\$ 43	\$ 9,284
L0017 - REMOTE END LOCKHEED #1 SUBSTATIO	WRO	Load Interconnection	NA	115 kV	5813904	82	5/24/2027	\$ 35	\$ 5,500

Project Description

Interconnect a data center to PG&E's Lockheed #1 substation. Install One (1) 115kV Circuit Breaker, associated switches and bus structures. Install approximately 1 mile long single service 115kV T-line (single circuit combination underground & overhead) to customer site from Lockheed #1.

Entity Initiating Project: Third Party
Distribution Components: NA

Project Need

The Interconnection Customer ("IC"), has signed Preliminary Engineering Study (PES) with Pacific Gas and Electric Company (PG&E) for LC24-2 ("Project") to interconnect a data center load PG&E's Transmission system.

Project & Permitting Status Updates

Construction Start: 09/11/26
CPUC Date Filed: Expected 2026 Q2



*Note: All dollar figures represented in the 000s

T.0009607 - Tulucay-Napa 60kV Line Reconductoring

Project Details

County	Napa
Year of BC Approval	TBD
CAISO Year	2023
CPUC Filing Type	NOC
CPUC Status	TBD
CPUC Status Year	TBD
Total Actuals to Date	\$ 269
Current Projected Cost	\$ 5,571
In Service Date	12/17/2026
Project Status	Engineering
Original In-Service Date	12/31/2028
Reason for Change in ISD	NA

Project Description

Reconductor approximately 1.38 miles of the Tulucay-Napa #2 60 kV Line from Tulucay to Basalt with a conductor able to achieve at least 1350 Amps of summer emergency rating. The use of Aluminum conductor composite reinforced (ACCR) will be investigated to minimize unnecessary structure replacement.

Entity Initiating Project: CAISO
Distribution Components: NA

Project Need

The Tulucay-Napa 60 kV line is around 3.9 miles long with 65 structures in Napa county. The 2022 planning analysis concluded that during summer peak conditions, the Tulucay – Napa No.2 60 kV Line could overload by 7.0 % in 2032 following an outage of the Tulucay – Napa No. 1 60 kV Line. This line is projected to experience overloading as high as 35.9% for P1 (loss of one transmission component) category outage, with overloads occurring in 2024 and beyond.

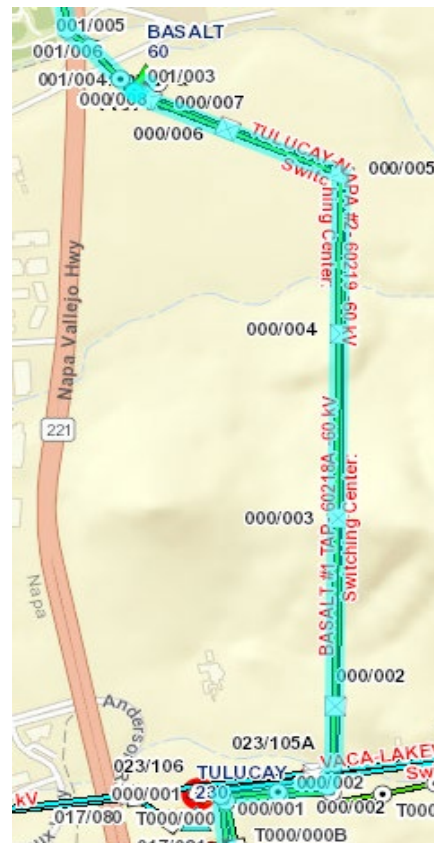
Project & Permitting Status Updates

Construction Start: 11/06/26
CPUC Date Filed: Expected 2026 Q2

Actual 2025	ITD	Projected 2025	2026	2027	2028	2029	2030	2031	EAC
\$139	\$269	\$310	\$4,578	\$413	\$0	\$0	\$0	\$0	\$5,571
2%		6%	82%	7%	0%	0%	0%	0%	

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
TULUCAY-NAPA 60KV LINE RECONDUCTORING	Reliability	Line Reconductoring	60	NA	5807341	60	12/17/2026	\$ 269	\$ 5,571



*Note: All dollar figures represented in the 000s



T.0010100 - Applied Materials Arques Load Increase

Project Details

County	Santa Clara
Year of BC Approval	TBD
CAISO Year	NA
CPUC Filing Type	NOC (5809176)
CPUC Status	TBD
CPUC Status Year	TBD
Total Actuals to Date	\$ 1,357
Current Projected Cost	\$ 43,064
In Service Date	8/25/2027
Project Status	Engineering
Original In-Service Date	TBD
Reason for Change in ISD	NA

Project Description

Lockheed 2 Substation: Install two (2) 115kV Circuit Breaker (CB) and associated equipment replacing the existing Circuit Switchers (326 & 346)

Reconductor Newark-Lockheed #2 transmission line
Reconductor Monta Vista-Britton transmission line
Expansion on Applied Materials Switching Station

Entity Initiating Project: Third Party
Distribution Components: N/A

Project Need

The Interconnection Customer (IC) has requested PG&E to increase load. The proposed scope will add an additional 14MW, 23MW & 15MW in Phase 1, Phase 2 & Phase 3 respectively to the existing 20MW.

Project & Permitting Status Updates

Construction Start: 11/06/25

CPUC Date Filed:

Expected 2026 Q2

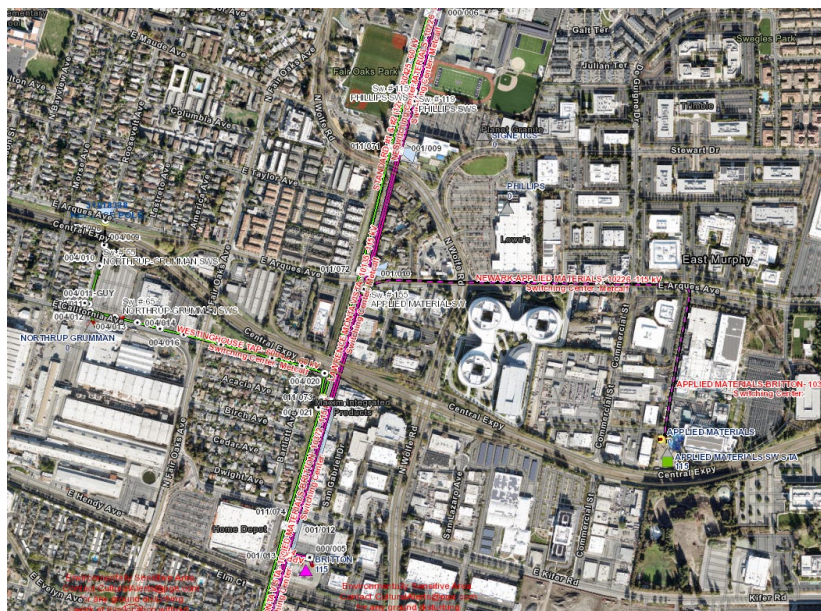
(5809176 - Phase 2)

Phase 1 N/A, Phase 2 NOC (Applied Materials Expansion),
& Phase 3 NOC (Reconductoring)

Actual 2025	ITD	Projected 2025	2026	2027	2028	2029	2030	2031	EAC
\$896	\$1,357	\$2,955	\$27,232	\$11,337	\$183	\$0	\$0	\$0	\$43,064
2%		7%	63%	26%	0%	0%	0%	0%	

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
APPLIED MATERIALS LATERAL FIBER UPGR	WRO	Load Interconnection	115	NA	5815037	82	NA	\$ -	\$ -
APPLIED MATERIALS ARQUES (DA)	WRO	Load Interconnection	NA	115 kV	5814795	82	4/23/2027	\$ 0	\$ (43)
L0006_BRITTON SUB PROTECTION UPGRADE	WRO	Load Interconnection	NA	115 kV	5810601	82	4/19/2027	\$ 40	\$ 2,229
L0006_MONTA VISTA PROTECTION UPGRADE	WRO	Load Interconnection	NA	115 kV	5810599	82	6/29/2027	\$ 33	\$ 1,734
L0006_NEWARK SUB PROTECTION UPGRADE	WRO	Load Interconnection	NA	115 kV	5810598	82	4/12/2027	\$ 42	\$ 1,991
L0006_LOCKHEED #2 PROTECTION UPGRADE	WRO	Load Interconnection	NA	115 kV	5810528	82	8/25/2027	\$ 233	\$ 17,060
L0006_LOCKHEED #1 PROTECTION UPGRADE	WRO	Load Interconnection	NA	115 kV	5810527	82	2/8/2027	\$ 59	\$ 8,072
L0006_APPLIED MATERIALS SW STAT PROT	WRO	Load Interconnection	NA	115 kV	5810526	82	3/30/2027	\$ 167	\$ 10,041
APPLIED MATERIALS ARQUES LOAD INCREASE	WRO	Interconnection	NA	115 kV	5809176	82	1/8/2026	\$ 784	\$ 1,980



*Note: All dollar figures represented in the 000s



T.0009641 - Cortina #1 60 kV Line Reconductoring

Project Details

County	Colusa
Year of BC Approval	TBD
CAISO Year	2024
CPUC Filing Type	NOC
CPUC Status	TBD
CPUC Status Year	TBD
Total Actuals to Date	\$ 578
Current Projected Cost	\$ 79,740
In Service Date	2/28/2028
Project Status	Engineering
Original In-Service Date	TBD
Reason for Change in ISD	NA

Actual 2025	ITD	Projected 2025	2026	2027	2028	2029	2030	2031	EAC
\$407	\$578	\$1,478	\$3,929	\$61,028	\$12,727	\$0	\$0	\$0	\$79,740
1%		2%	5%	77%	16%	0%	0%	0%	

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
ARBUCKLE SUB TERMINAL UPGRADES	Reliability	Line Termination	NA	60 kV	5811850	61	12/29/2026	\$ 33	\$ 780
CORTINA #1 SUB TERMINAL UPGRADES	Reliability	Line Termination	NA	60 kV	5811724	61	1/26/2028	\$ 23	\$ 802
CORTINA 1 RECOND ARBUCKLE TO DUNNIGAN	Reliability	Line Reconductoring	60	NA	5811325	60	2/28/2028	\$ 196	\$ 34,515
CORTINA #1 RECOND CORTINA TO ARBUCKLE	Reliability	Line Reconductoring	60	NA	5807521	60	10/29/2027	\$ 326	\$ 43,644

Project Description

The project scope of work includes: Reconductor approximately 26.2 miles of the Cortina #1 60 kV Line between Cortina Substation and Dunnigan Substation with a conductor able to achieve at least 818 Amps of summer interior normal rating. Existing distribution underbuild will be relocated to new transmission structures. Removal of the idle Drake Substation tap and Switch 25. Upgrade substation terminal equipment to achieve full conductor capacity.

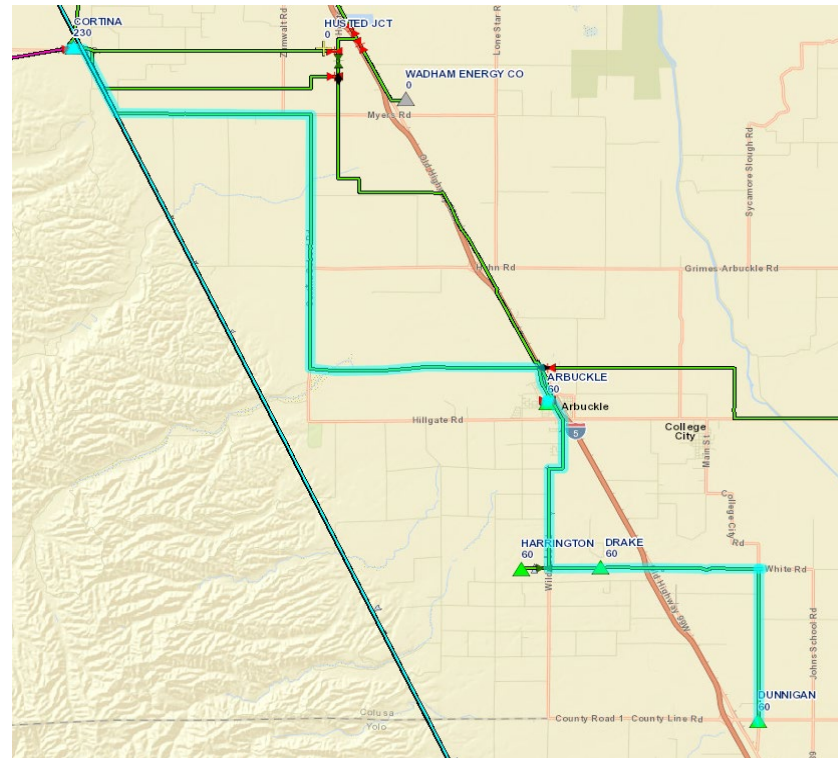
Entity Initiating Project: CAISO
Distribution Components: Underbuild

Project Need

The Cortina #1 60 kV transmission line, located in Colusa County, is approximately 26.2 miles long and supported by 447 structures. The Arbuckle, Harrington and Dunnigan 60 kV substations are radially served by the Cortina #1 60 kV line with the Cortina #2 60 kV line serving as an alternate source with normally open switches. This project will help facilitate the delivery of an additional 10 MW to serve increased load in the Cortina area due to the addition of Tesla charging banks.

Project & Permitting Status Updates

Construction Start: 07/17/26
CPUC Date Filed: Expected 2026 Q3



*Note: All dollar figures represented in the 000s



T.0010903 - L0015 Rue Ferrari Large Load

Project Details

County	Santa Clara
Year of BC Approval	TBD
CAISO Year	NA
CPUC Filing Type	NOC
CPUC Status	TBD
CPUC Status Year	TBD
Total Actuals to Date	\$ 120
Current Projected Cost	\$ 32,979
In Service Date	2/23/2028
Project Status	Engineering
Original In-Service Date	TBD
Reason for Change in ISD	NA

Project Description

This project proposes to install new 115kV BAAH GIS switching station with four (4) bays and the existing Swift-Metcalf 115kV line and Piercy-Metcalf 115kV lines will be looped through the new switching station.

Entity Initiating Project: Third Party
Distribution Components: NA

Project Need

The Interconnection Customer ("IC"), has signed Preliminary Engineering Study (PES) with Pacific Gas and Electric Company (PG&E) for LC24-13 ("Project") to interconnect a data center load to PG&E's Transmission system.

Project & Permitting Status Updates

Construction Start: 07/15/26
CPUC Date Filed: Expected 2027 Q1

Actual 2025	ITD	Projected 2025	2026	2027	2028	2029	2030	2031	EAC
\$120	\$120	\$493	\$27,674	\$3,458	\$1,220	\$13	\$0	\$0	\$32,979
0%		1%	84%	10%	4%	0%	0%	0%	

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
L0016 SILVER CREEK REDUNDANT SRVC (DA)	WRO	Load Interconnection	115	NA	5814794	82	5/5/2027	\$ -	\$ -
74065333_L0015 METCALF REMOTE END	WRO	Load Interconnection	NA	115 kV	5814471	82	8/26/2026	\$ 1	\$ 1
74065334_L0015 EVERGREEN REMOTE END	WRO	Load Interconnection	NA	115 kV	5814470	82	8/26/2026	\$ 1	\$ 1
74064642_L0015 RUE FERRARI NEW SW STA	WRO	Load Interconnection	NA	115 kV	5814133	82	2/23/2028	\$ 45	\$ 32,845
74064643_L0015 RUE FERRARI T-LINE	WRO	Load Interconnection	115	NA	5814132	82	5/5/2027	\$ 58	\$ 58
74064644_L0015 RUE FERRARI CUST SUB (DA)	WRO	Load Interconnection	NA	115 kV	5814131	82	5/5/2027	\$ 4	\$ 4
74064646_L0016 SILVER CREEK T-LINE	WRO	Load Interconnection	115	NA	5814128	82	5/5/2027	\$ 6	\$ 6
74064647_L0016 SILVER CREEK CUST SUB (DA)	WRO	Load Interconnection	NA	115 kV	5814127	82	5/5/2027	\$ 3	\$ 3
74065623_L0015 NEW SW STA LAND ACQUIS	WRO	Load Interconnection	NA	NA	5561439	82	12/17/2026	\$ 3	\$ 3
74065332_L0015 RUE FERRARI CUST METERING	WRO	Load Interconnection	NA	115 kV	5561279	82	3/12/2027	\$ 0	\$ 59



*Note: All dollar figures represented in the 000s

T.0010809 - L0006_BRITTON-MONTA VISTA & NEWARK-APPLIED

Project Details

County	Santa Clara
Year of BC Approval	TBD
CAISO Year	NA
CPUC Filing Type	NOC (5810600)
CPUC Status	NOC (5810602)
CPUC Status Year	TBD
CPUC Status Year	TBD
Total Actuals to Date	\$ 459
Current Projected Cost	\$ 53,016
In Service Date	2/19/2031
Project Status	Engineering
Original In-Service Date	TBD
Reason for Change in ISD	NA

Actual 2025	ITD	Projected 2025	2026	2027	2028	2029	2030	2031	EAC
\$75	\$459	\$1,141	\$3,848	\$9,071	\$14,117	\$9,024	\$13,532	\$1,707	\$53,016
0%		2%	7%	17%	27%	17%	26%	3%	

Order Details

Project Name	Primary Purpose	Secondary Purpose	Transmission Voltage Level	Substation Voltage Level	Planning Order	MWC	In Service Date	Inception to Date	Estimated at Completion
L0006_BRITTON-MONTA VISTA RECON	WRO	Load Interconnection	115	NA	5810602	82	2/19/2031	\$ 198	\$ 27,529
L0006 NEWARK-APPLIED MATERIALS RECON	WRO	Load Interconnection	115	NA	5810600	82	1/30/2030	\$ 261	\$ 25,487

Project Description

Lockheed 2 Substation: Install two (2) 115kV Circuit Breaker (CB) and associated equipment replacing the existing Circuit Switchers (326 & 346)

Reconductor Newark-Lockheed #2 transmission line
Reconductor Monta Vista-Britton transmission line
Expansion on Applied Materials Switching Station

Entity Initiating Project: Third Party
Distribution Components: N/A

Project Need

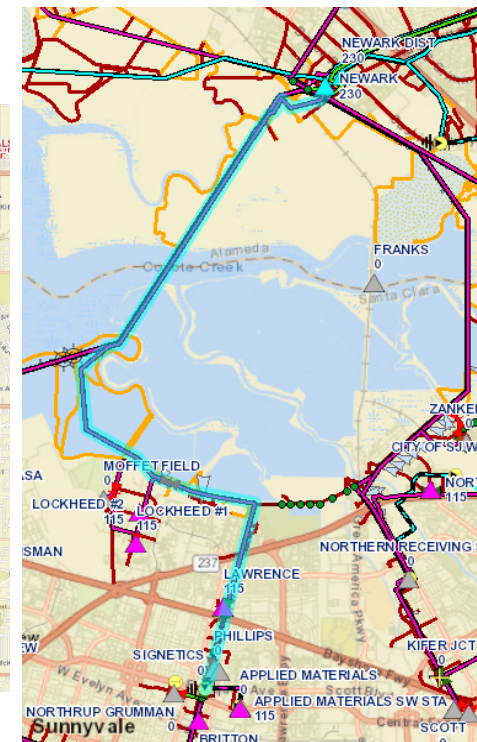
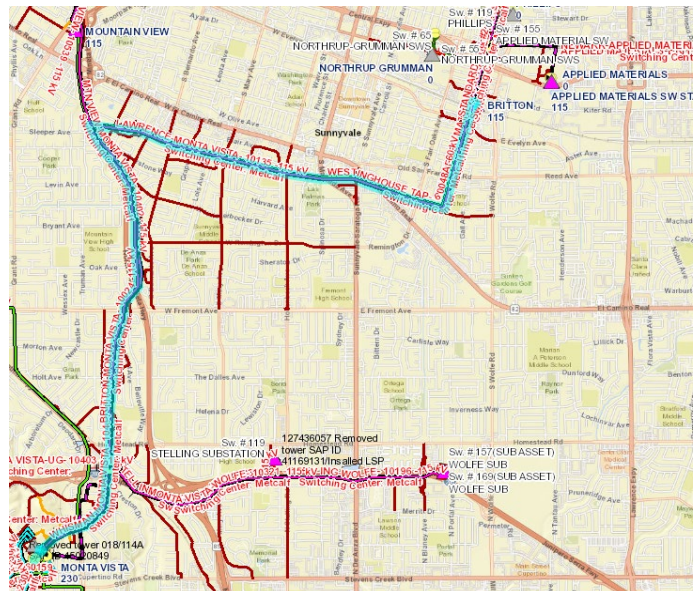
The Interconnection Customer (IC) has requested PG&E to increase load. The proposed scope will add an additional 14MW, 23MW & 15MW in Phase 1, Phase 2 & Phase 3 respectively to the existing 20MW.

Project & Permitting Status Updates

Construction Start: 03/16/28

CPUC Date Filed:
Expected 2027 Q2
(5810600 - Phase 3)
Expected 2027 Q2
(5810602 - Phase 3)

Phase 1 N/A, Phase 2 NOC (Applied Materials Expansion),
& Phase 3 NOC (Reconductoring)



*Note: All dollar figures represented in the 000s