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2026 Annual Progress Report to WECC
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Following is the Pacific Gas and Electric Company's (PG&E) 2026 Annual Progress Report per the WECC Progress Report Policies and Procedures.

Table 1 and 2 update the planned transmission and generation projects, respectively, in PG&E service area that were presented in PG&E's previous year's Annual Progress Report. These projects were granted the waiver of "Significant Transmission Project" status for the purpose of Project Coordination Review Process.

Table 3 and 4 list the planned transmission and generation projects, respectively, in PG&E service area requesting waiver of "Significant Transmission Project" status. The purposes of these projects are for serving local load, to enhance or maintain local reliability, and/or to reduce local capacity requirements. These projects are not expected to have significant impacts on the operation of the Western Interconnected System.

PG&E requests waivers of the "Significant Transmission Project" status for the purpose of Project Coordination Review Process.

Table 1
Planned Transmission Projects
Waiver of "Significant Transmission Project" Status Granted in years up to and including 2025[1]

PROJECT NAME	PROJECT DESCRIPTION	DATE IN SERVICE
Estrella 230 kV Transmission Substation	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.	Mar-2029
Midway-Kern Nos. 1 and 2 230kV Line	Reconductor the Midway-Kern #1 230 kV Line and reestablish as two circuits, Midway-Kern #1 and #2 230 kV Lines. In addition, perform minor modifications at Kern and Midway Substations.	Jun-2028
Wheeler Ridge Junction Substation	Construct a new 230/115 kV Substation with Breaker and a Half at Wheeler Ridge Junction, Convert 15.5 miles of the Wheeler Ridge – Lamont 115 kV Line to 230 kV	July-2033

[1] Facilities indicated "In Service" will be removed from the 2027 annual progress report.

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PROJECT NAME	PROJECT DESCRIPTION	DATE IN SERVICE
Monta Vista 230 kV Bus Upgrade Project	Install bus-sectionalizing and bus-parallel breakers on the Monta Vista 230 kV bus and replace the 230kV control building with an MPAC building	Mar-2026
Moraga-Castro Valley 230 kV Line Capacity Increase Project	Upgrade the limiting substation equipment (jumper conductors and wave traps) at Moraga and Castro Valley substations	May-2025
Morgan Hill - Watsonville 115 kV Area Reinforcement (formerly the Spring Substation Project)	Rebuild Metcalf - Green Valley 115 kV into the Green Valley - Morgan Hill 115 kV, Rebuild Morgan Hill 115 kV into a BAAH configuration	Jan-2029
Pittsburg 230/115 kV Transformer Capacity Increase	Install 3rd 230/115 kV Transformer at Pittsburg Substation with a rating of 420 MVA	Sept-2028
Rio Oso 230/115 kV Transformer Upgrades	Replace the Rio Oso 230/115 kV transformers (Nos. 1 and 2) with two 420 MVA rated transformers. .	May-2025
Rio Oso Area 230 kV Voltage Support	Install a new Static Var Compensator (SVC) at Rio Oso Substation.	May-2026
Martin 230 kV Bus Extension Project (Egbert Switching Station)	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.	Dec-2029
Lockeford-Lodi Area 230 kV Development	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.	Dec-2029
Warnerville – Bellota 230 kV Line Reconductoring	Reconductor the Bellota – Warnerville 230 kV Line with a larger capacity conductor	Jan-2027

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PROJECT NAME	PROJECT DESCRIPTION	DATE IN SERVICE
South of Mesa Upgrade	This project proposes to upgrade approximately 21.3 miles of conductor on the Sisquoc – Santa Ynez SW STA 115 kV Line, install 20 Mega Volt-ampere reactive (MVAR) shunt capacitors at Cabrillo Substation and install Remedial Action Scheme (RAS) (formerly known as Special Protection Scheme (SPS)) on the Sisquoc – Santa Ynez SW STA 115 kV Line.	Jun-2029
Coburn Banks 1 and 2 Replacement	Replace Coburn 230/60 kV Transformer Banks 1 and 2 with higher capacity transformers	May-2032
Gates 500kV Dynamic Voltage Support	This project proposes to add 500kV breakers, switches, bus work and associated equipment required to connect the voltage support equipment. The voltage support equipment, which is installed by third-party, will support the system voltage after DCPP retires in 2024/2025.	Jan-2025
Bakersfield Nos. 1 and 2 230kV Tap Lines Reconductoring	Loop the Bakersfield 230kV Substation onto the Midway-Kern No. 2 230kV Line and reconductor the Bakersfield Nos. 1 and 2 230 kV Tap Lines with a larger conductor.	Feb-2028
Vaca Dixon - Lakeville 230 kV Corridor Series Compensation	Install about 78 modular power flow control system devices on Vaca Dixon – Lakeville 230 kV and Vaca Dixon – Tulucay 230 kV transmission lines	May-2030
Jefferson 230 kV Bus Upgrade	Construct the third 230 kV BAAH bay at Jefferson and connect the Jefferson-Martin Line into the new bay	Nov-2026
Oakland Clean Energy Initiative	Upgrade to Moraga 230/115 kV transformer bank 3 to remove limiting elements, upgrades at Moraga 115 kV and Oakland X 115 kV substation buses	Apr-2025
Midway 230kV Bus Section D Upgrade Project (Part of Project: Midway-Kern PP 230 kV Lines Nos. 1, 3, and 4 Capacity Increase Project)	Install seven bays (four full and three partial) of 230kV systems (new Bus Section D) and its connection to the existing 230kV bus at Midway Substation.	Feb-2029
(Revised) Wilson 115 kV Area Reinforcement	Relocate lines and expand the Wilson 115 kV bus to make room for the STATCOM (Phase 1 by 2020). Convert the Wilson 115 kV and 230kV bus to BAAH, replace limiting equipment on Wilson 230/115 kV Bank 1 to obtain full bank capacity, install third 230/115 kV transformer bank, replace limiting components and rerate the Atwater-Atwater Jct 115 kV line section (Phase 2 by 2023)	Oct-2028
Moraga 230kV Bus Upgrade	Upgrade Moraga 230 kV Bus (Add sectionalizing breakers and a bus tie breaker to Moraga 230 kV bus)	Dec-2028
East Shore 230 kV Bus Terminals Reconfiguration	Swap the line terminal positions at East Shore 230 kV Substation BAAH bus	Dec-2026
Newark 230/115 kV Transformer Bank #7 Circuit Breaker Addition	Add second high-side circuit breaker to Newark 230/115 kV transformer bank #7 and change this transformer bank connection to Double Bus Double Breaker.	Sept-2027

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PROJECT NAME	PROJECT DESCRIPTION	DATE IN SERVICE
Gold Hill 230/115 kV Transformer Addition Project	Installation of a third 420 MVA 230/115 kV transformer at Gold Hill substation	Jun-2029
Contra Costa PP 230 kV Line Terminals Reconfiguration Project	The project scope is to swap Lone Tree – Contra Costa PP 230 kV line and Birds Landing – Contra Costa PP 230 kV line terminal positions at Contra Costa PP 230 kV Substation	Feb-2026
Vasona-Metcalf 230 kV Line Limiting Elements Removal Project	At Metcalf substation, upgrade Vasona-Metcalf line terminal conductors; At both Metcalf and Vasona Substations, replace the wave traps and any other terminal conductors to achieve an overall line summer rating of 1743 Amps.	Jul-2026
Atlantic high voltage mitigation	Install a 200 MVA 3-phase 230/60 kV transformer with LTC at Atlantic substation	Apr-2027
Cortina Bank #1 230/115/60 kV Cortina 23011560 kV Transformer Bank No. 1 Replacement Project	Replace the existing Cortina 230/115/60 kV transformer Bank #1 with one 230/115 kV and one 115/60 kV transformer banks.	Sept-2027
Reconductor Delevan-Cortina 230kV line	Reconductoring Delevan-Cortina 230 kV Line • Reconductor ~17.7 miles (full line) • Replace insulators and hardware at 122 structures	Feb-2028
Installing 10 ohms series reactors on the PG&E's Moss Landing – Las Aguilas 230 kV line	The scope of this project is to install a 10 ohm series reactor on Moss Landing - Las Aguilas 230 kV line to mitigate the line congestion during normal and emergency condition.	Sept-2028
Metcalf 230/115 kV Transformers Circuit Breaker Addition	Add parallel breakers to each of the 230/115 kV banks Nos. 1, 2, and 3 at Metcalf 230 kV Substation so that the three Metcalf 230/115 kV transformer banks can connect to both Metcalf 230 kV Bus1 and Bus 2.	Jun-2027
Lone Tree–Cayetano–Newark Corridor Series Compensation	Add 6 SmartValve units (2 SmartValve 10-1800 units per phase) to the Cayetano – Lone Tree 230 kV line Add 6 SmartValves units (2 SmartValve 10-1800 units per phase) to the Las Positas - Newark 230 kV Line	Dec-2027
Los Banos 230 kV Circuit Breakers Replacement	Replace 230 kV circuit breakers 212, 222, 252 and 262 at Los Banos substation.	Dec-2028
Panoche 115 kV Circuit Breaker Replacement and 230 kV Bus Upgrade project	Replace 115 kV circuit breakers 132, 152, 102 and 162, install a new MPAC building for the 115 kV bus section, convert 230 kV Bus Section D to BAAH and replace overstressed breakers in Bus E to 63 kA at Panoche substation	Apr-2028
Mesa 230/115kV Spare Transformer	Install spare 230/115 kV transformer at Mesa substation.	Dec-2028
Covelo 60 kV Voltage Support	Install a 10 MVAR Shunt Capacitor at Covelo 60 kV	May-2030
Martin-Millbrae 60 kV Area Reinforcement	Reconductor 7.2 miles on the Martin-Sneath Lane 60 kV line and 2.5 miles on the Millbrae-Sneath Lane 60 kV line	May-2030
Diablo Canyon Area 230 kV high voltage mitigation	Add 120 MVAR shunt reactor (3X40 MVAR or 4X30 MVAR) and removal of one or two shunt capacitor steps at Mesa 115 kV	Aug-2027
Crazy Horse Canyon - Salinas - Soledad #1 and #2 115 kV Line Reconductoring	Re-conductor sections of CHCSS-Salinas-Soledad #1 and #2 115 kV lines	May-2030

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PROJECT NAME	PROJECT DESCRIPTION	DATE IN SERVICE
Salinas Area Reinforcement	Build new 115 kV station near Chaular; convert existing Salinas-Spence 60 kV network to 115 kV and operate Salinas-Chaular system at 115 kV	Dec-2032
Cortina #1 60 kV Line Reconductoring	This project will help facilitate the delivery of an additional 10 MW to serve increased load in the Cortina area. 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 477 ACSS conductor, or equivalent, to achieve at least 1126 Amps of summer interior emergency rating.	Aug-2027
French Camp Reinforcement	Loop French Camp substation into Bellota-Tesla #2 230 kV line to add a new 230 kV bus at French Camp. The total length of transmission circuit is about 4.4 miles	May-2030
Rio Oso - W. Sacramento Reconductoring	Reconductoring Rio Oso – W. Sacramento 115 kV line as original re-rate of this line as a part of Vaca Dixon reinforcement project approved in 2017-18 TPP is no longer viable due to aging infrastructure.	May-2030
Vaca-Plainfield 60 kV Line Reconductoring	Reconductor Vaca-Plainfield 60 kV (about 30 miles) to achieve minimum conductor rating of 635 AMPS for summer normal and 741 AMPS for summer emergency rating	May-2030
Camden 70 kV Reinforcement	Reconductor Camden-Kingsburg 70 kV and add 30 MVAR voltage support at Comden substation.	May-2030
Gates 230/70 kV Transformer Addition	Add additional 230/70 kV bank at Gates	May-2030
Reedley 70 kV Capacity Increase	Add a double circuit between Reedley-Dinuba 70 kV line #2 and upgrade rating of existing Reedley-Dinuba 70 kV line #1 and upgrade Reedley 230/70 kV bank 4.	May-2030
Tejon Area Reinforcement	Reconductor of the Wheeler Ridge – Tejon 70kV line (5 miles), Wheeler Ridge – San Bernard 70kV line (5.9 miles), and San Bernard – Tejon 70kV line (7.1 miles) and replace the limiting disconnect switches	Dec-2029
Wilson-Borden 230 kV 1 and 2 Line Reconductoring	Reconductoring the Borden – Storey section(s) of the Wilson – Storey #1 and #2 230 kV lines	Jan-2030
Henrietta 230/115 kV Bank 3 Replacement	Replace Henrietta 230/115 kV Bank 3	Jul-2028

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Table 2
Planned Generation Interconnection Projects
Waiver of "Significant Transmission Project" Status Granted in years up to and including 2025[1]

PROJECT NAME	PROJECT DESCRIPTION	DATE IN SERVICE
Fountain Wind	Interconnect a 200-megawatt (MW) (net output) wind generation facility to Pacific Gas and Electric Company's (PG&E's) Pit #1 – Cottonwood 230 kV Line in Shasta County, California.	Dec-29 ENGINEERING
Corby	The Project is a Battery Storage generation plant with a net output of 300 MW to Pacific Gas and Electric Company's (PG&E's) Vaca-Dixon Substation 230 kV Bus in Vacaville, Solano County, CA.	Jan-2027 ENGINEERING
Sonrisa	The Project is a Solar PV generation plant with a net output of 200 MW to Pacific Gas and Electric Company's (PG&E's) Tranquility Switching Station 230 kV Bus in Levis, Fresno County	May-26 ENGINEERING
Key Storage 1	The Project is a Battery Storage generation plant with a net output of 300.1 MW to Pacific Gas and Electric Company's (PG&E's) Gates Substation 500 kV in Huron, Fresno County, CA.	Jun-2026 CONSTRUCTION
Irving Storage	The Project is a Battery Energy Storage generation plant with a net output of 750.0 MW to Pacific Gas and Electric Company's (PG&E's) Moss Landing Substation 500 kV in Moss Landing, Monterey County	Nov-27 ENGINEERING
Tanager Storage	The Project is a Storage generation plant with a net output of 200.0 MW to Pacific Gas and Electric Company's (PG&E's) Los Esteros Substation in San Jose, Santa Clara.	May-28 ENGINEERING
Buttonbush Solar Hybrid Energy Storage	The Project is a PV/Storage generation plant with a net output of 800.0 MW to Pacific Gas and Electric Company's (PG&E's) Midway Substation in Unincorporated, Kern.	Dec-27 CONSTRUCTION
Pelicans Jaw Project	The Project is a Solar and Battery generation plant with a net output of 300MW connects to Pacific Gas and Electric Company's (PG&E's) Mustang 230kV Switching Station in Kings County Kings, CA.	Jul-28 ENGINEERING

* ENGINEERING: Engineering and design stage

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Table 3
Planned Transmission Projects
Requesting Waiver of "Significant Transmission Project" Status

PROJECT NAME	PROJECT DESCRIPTION	DATE IN SERVICE
Metcalf 500/230 kV Transformer Addition	•Install a new (4th) 500/230 kV transformer at the Metcalf Substation to achieve at least 1122 MVA summer emergency rating. •Upgrade any limiting components as necessary to achieve full transformer capacity. •Relocate existing equipment within the substation to accommodate the new transformer.	Dec-2030
Table Mountain 500/230 kV Transformer Addition	The scope of this project is to install another 500/230 kV transformer bank at the Table Mountain substation to address a local high voltage issue.	Apr-2039
San Jose Area HVDC Line (Newark – NRS 230kV AC Line)	Build a new Newark – NRS 230 kV AC line.	May-2032
Tesla - Newark 230 kV Line No. 2 Reconductoring	Reconductor Tesla –Newark #2 230 kV line - From 024/148 to Newark (approximately 4.28 miles), with minimum summer emergency rating of 3428 AMPS, matching other sections of the line or highest conductor feasible with existing structure. Will also include any other limiting element upgrades to achieve this line rating.	Jun-2028
North Dublin-Vineyard 230 kV line Reconductoring	Reconductor North Dublin -Vineyard 230 kV line with minimum summer emergency rating of 1350 AMPS or highest conductor feasible with existing structure and will include any other limiting elements upgrade to achieve the new line rating	May-2034
Moraga 230/115kV Transformer Bank Addition	Install a new 230/115 kV transformer bank at Moraga Substation with minimum 420 MVA for summer normal rating and 462 MVA for summer emergency rating. Upgrade Moraga 115 kV bus and any limiting elements to achieve full bank capacity.	May-2031
Sobrante 230 kV Bus Upgrade	Expand Sobrante 230 kV bus and split to two sections, section D and section E by adding two sectionalizing breakers and one bus-tie breaker. • Terminals for the future Sobrante 230/115 kV transformer bank #3 and two 230 kV lines will be connected to the section E. Terminals for the other two 230 kV lines and 230/115 kV transformer bank #1 & #2 will be connected to section D.	May-2033
Sobrante 230/115 kV Transformer Bank Addition	Install a new 230/115 kV transformer bank at Sobrante Substation with minimum 420 MVA for summer normal rating and 462 MVA for summer emergency rating.	May-2034

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PROJECT NAME	PROJECT DESCRIPTION	DATE IN SERVICE
Coburn-Oil Fields 60 kV System Project	Install 10 MVAR of shunt capacitors on the 60 kV bus at San Ardo Substation. Upgrade San Ardo 60 kV bus to loop in two lines (Coburn - Oil Fields #1 & #2) and connect the capacitor as well as the transformer.	Sep-2031
Pittsburg-Kirker 115kV Line Section Limiting Elements Upgrade	Upgrade any limiting elements on Pittsburg-Kirker-Columbia Steel 115kV Line for the section from Pittsburg to Kirker Substation to achieve 1126 Amps of summer normal rating.	May-2028
Christie-Sobrante 115 kV Line Reconductor	Reconductor the Christie - Sobrante 115 kV line with a larger capacity conductor	Dec-2029
North Oakland Reinforcement Project	• Rebuild existing two Sobrante-Grizzly-Claremont #1 and #2 115 kV lines into four lines with at least 1714 Amps of summer normal rating. Two of the four lines will bypass Claremont Substation and connect to Oakland D and Oakland L Substations through new underground (UG) cable sections. • Build a new UG cable to connect one of the new rebuilt lines to Oakland D with at least 1380 Amps of summer normal rating. • Build a new UG cable to connect one of the new rebuilt lines to Oakland L with at least 1380 Amps of summer normal rating. • Reroute the Moraga-Oakland X #4 line to bypass the Oakland X Substation. Build a new UG cable section to connect the Moraga-Oakland#4 115 kV line to Oakland C with at least 1380 Amps of summer normal rating. • Convert Oakland C to GIS. • Replace the Oakland C-X#2 115 kV underground cable with larger size cable with at least 1380 Amps of summer normal rating. • Disconnect existing Oakland D-Oakland L 115 kV cable.	May-2032
North Tower 115 kV Looping Project	This project proposes to loop North Tower Substation into the Martinez-Sobrante 115 kV Line by utilizing an idle 115 kV line into North Tower and reconfiguring the connection points at Martinez JCT.	Nov-2029
South Oakland Reinforcement	Reconductor below lines: 1. Moraga – San Leandro #1, #2, and #3 115 kV Lines; 2. Moraga – Oakland J 115 kV Line; 3. San Leandro – Oakland J 115 kV Line	Jun-2029

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PROJECT NAME	PROJECT DESCRIPTION	DATE IN SERVICE
South Bay 115 kV System Reinforcement Project	• Reconductor 0.01 circuit miles line drop at San Jose A and 0.03 circuit miles line drop at El Patio between the El Patio and San Jose A Substation on the El Patio – San Jose A 115kV line with a larger conductor to achieve at least 3000 Amps during summer emergency conditions. • Reconductor 2.54 circuit miles overhead line (multiple line sections) and 1.11 circuit miles of underground cable between the Trimble and San Jose B Substation on the Trimble – San Jose B 115 kV Line with a larger conductor to achieve at least 3000 Amps during summer emergency conditions. • Reconductor 4.78 circuit miles between the Mountain View and Monta Vista Substation on the Mountain View – Monta Vista 115 kV Line with a larger conductor to achieve at least 3000 Amps during summer emergency conditions. • Reconductor 5.97 circuit miles between the Whisman and Monta Vista Substation on the Whisman – Monta Vista 115 kV Line with a larger conductor to achieve at least 3000 Amps during summer emergency conditions. • Remove the limiting elements at the Metcalf Substation on the Los Esteros – Metcalf 230kV line to achieve at least 725 MVA during summer emergency conditions. • Ringwood loop: Loop Ringwood onto the Los Esteros-Montague 115 kV line by extending Los Esteros-Montague via two 0.6 mile new line sections to Ringwood to terminate the new Los Esteros – Ringwood and Ringwood – Montague 115kV lines. (Note that the looping conductor must achieve at least 2000 Amp during summer emergency conditions, and 3000 Amp during summer emergency conditions is prefered). • Reconductor about 1.3 circuit miles between the Ringwood and Milpitas Substation on the Ringwood – Milpitas 115 kV Line with a larger conductor to achieve at least 3000 Amps during summer emergency conditions.	May-2032
Ames Distribution – Palo Alto 115 kV transmission line	New transmission line between Ames and Palo Alto	May-2034
Redwood city area 115 kV system reinforcement	• Install a new 230/115 kV Transformer at the Ravenswood Substation using 420 MVA Summer Normal Rating and 460 MVA SE Rating. • Reconductor 6.5 miles of the San Mateo – Belmont 115 kV Line with single 477 ACSS conductor. • Remove any limiting components as necessary to achieve full conductor capacity. • Reconductor 7.5 miles of the Ravenswood – Bair 115 kV Line #1 with single 477 ACSS conductor.	Feb-2030

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PROJECT NAME	PROJECT DESCRIPTION	DATE IN SERVICE
San Mateo 230/115 kV Transformer Bank Addition Project	• Install a new 230/115 kV transformer at the San Mateo Substation to achieve minimum 420 MVA of summer normal rating and 462 MVA of summer emergency rating. • Upgrade San Mateo 230 kV bus and any limiting components as necessary to achieve full transformer capacity.	May-2032
South of San Mateo Capacity Increase (Originally: Ravenswood - San Mateo 115 kV Line)	Reconductor the Ravenswood-San Mateo 115 kV Line with higher capacity conductors.	May-2029
Series Compensation on Los Esteros-Nortech 115 kV Line	The project includes adding series compensation on the Los Esteros – Nortech	May-2033
Borden 230/70 kV Transformer Bank #1 Capacity Increase	Upgrade Bank Breaker CB 52 and associated switches. Upgrade Borden 70 kV Bus Section "D"	Mar-2029
Coppermine 70 kV Reinforcement Project	Reconductor ~9.45 miles on the Borden-Coppermine 70kV Line between Borden and Cassidy Substations with a larger conductor; Reconductor ~3.57 miles between Cassidy and Coppermine Substations on the Borden-Coppermine 70kV Line with a larger conductor; Remove any limiting components to achieve the full conductor capacity; Install 20 Mvar voltage support at Coppermine Substation.	Apr-2030
Herndon-Bullard 115 kV Reconductor	Reconductor roughly 8 circuit miles (4 miles of double circuits) between Pinedale Junction and Bullard Substation on the Herndon - Bullard No. 1 and 2 115 kV lines.	Feb-2028
Oro Loma 70 kV Area Reinforcement (Revised)	Reconductor 2.4 miles of Los Banos-Livingston Jct-Canal 70 kV line from Los Banos to Santa Nella, and 10.8 miles of the Mercy Springs SW STA-Canal-Oro Loma line from Mercy Springs SW STA to Canal.	May-2028
Los Banos 70 kV Area Reinforcement Project	Install 230 kV partial bay at the new generation driven 230 kV switching station adjacent to Dos Amigos PP 230 kV Substation. • Add a new 70 kV bus in the 230 kV switching station to convert the station into a new 230/70 kV substation. • Install one 230/70 kV transformer at the new 230/70 kV substation. • Install a new 70 kV transmission line from new 70 kV Bus to Mercy Springs 70 kV Bus, which is about one mile. • Install one breaker at Mercy Springs 70 kV Switching Station.	Jan-2031
West Fresno 115 kV Voltage Support Project	1. Install 75 MVar voltage support at West Fresno Substation 2. Expand West Fresno 115 kV bus as needed for voltage support interconnection.	May-2034
Wilson-Oro Loma 115kV Line Reconductoring	Reconductor ~9 circuit miles between Wilson and El Nido Substations	Jul-2028

PROJECT NAME	PROJECT DESCRIPTION	DATE IN SERVICE
Garberville Area Reinforcement Project	1. Reconductor 36 circuit miles of Bridgeville-Garberville 60 kV line to achieve at least 631 Amps of summer normal rating and replace the wood poles with light duty steel poles (LDSP). 2. Install a 20 Mvar STATCOM at Fort Seward Substation. 3. Establish a control point to open the line section from Garberville to Kekawaka 60 kV line. 4. Establish a control pint to open the line section from Newburg to Rio Dell Jct. 60 kV line.	Dec-2028
Willow Creek Reactive Support (Original Project: Maple Creek Voltage Support)	Install STATCOM at Willow Creek Substation.	Oct-2028
Kern PP 115 kV Area Reinforcement (Revised)	· Reconductor 8.3 miles of the Kern – Live Oak 115 kV Line and 4.6 miles of the Live Oak – Kern Oil 115 kV Line to achieve mint 852 amps SE rating. · Rerate 3.5 miles of the Westpark – Magunden 115 kV Line from Columbus to Magunden to achieve min 610 amps SE rating. · Rerate 9.0 miles of the Kern-Magunden-Witco 115 kV Line (Kern Oil Junction to Magunden) with at least 805 Amps SE rating. · Rerate the Lerdo-Kern Oil-7th Standard 115 kV (Lerdo Junction to Kern Oil Section) with at least 610 amps. · Upgrade Magunden CB122 with at least 805 amps under summer emergency conditions. · Upgrade associated substation terminal equipment as needed to meet the ratings of the new line conductor	Aug-2029

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Table 4
Planned Generation Interconnection Projects
Requesting Waiver of "Significant Transmission Project" Status

PROJECT NAME	PROJECT DESCRIPTION	DATE IN SERVICE