Select a Schedule Impact Category and Identify it for each project in the column labeled 'Reason for ISD Change from Original Comitted Date'. The Schedule Impact Definitions and Examples are listed below.

1 **Bundling Dependencies –** Schedule impact due to bundling, scope tie-ins, or dependencies with other projects. This includes waiting on another project or benefiting from early completion, combined construction, or coordinated execution (e.g., proceeding early because Project X completed ahead of plan).
Delay example: Project cannot proceed until a dependent project is complete.
Acceleration example: Related project finishes early, enabling coordinated execution sooner.

2 **Clearances –** Schedule impact related to meeting electrical or mechanical clearance requirements, including governing authority approvals (e.g., NERC, GO95/GO128, CAISO/WECC). This includes redesign, mitigation, or approval processes required to meet clearance standards.
Delay example: Redesign required to resolve clearance violations before construction can proceed.

Acceleration example: Clearance requirements are met without modification, allowing work to proceed as planned.

3 **Financing –** Schedule impact driven by funding availability, approvals, cost recovery, or rate treatment timing. This includes delays in securing capital or benefits from early funding authorization.
Delay example: Capital approval is deferred to a future funding cycle.
Acceleration example: Funding is approved earlier than planned, enabling earlier project execution.

4 **ISO Action –** Schedule impact resulting from CAISO actions, including approvals, re-studies, queuing outcomes, scope changes, or project prioritization decisions. This includes both delays and schedule pull-ins driven by ISO determinations.
Delay example: CAISO-required re-study extends the project schedule.
Acceleration example: CAISO approval is granted without requiring additional studies.

5 **Land Rights –** Schedule impact related to land acquisition, easements, title issues, encroachments, access agreements, or eminent domain. This includes delays from negotiations or disputes and acceleration from early acquisition or agreements.
Delay example: Prolonged easement negotiations delay construction start.
Acceleration example: Land rights are secured early through negotiated agreements.

6 **Material –** Schedule impact due to availability or delivery timing of project-specific materials not related to broader supply chain disruptions. This includes fabrication timing, procurement issues, or substitution with available materials.
Delay example: Late delivery of custom-fabricated equipment delays installation.
Acceleration example: Standard materials are used, allowing earlier installation.

7 **Other –** Schedule impact that does not align with established categories and requires additional explanation in project documentation.
Delay example: Unique constraint not captured by standard categories delays the project.
Acceleration example: Innovative execution approach shortens the project duration.

8 **Outage –** Schedule impact related to transmission or substation outage availability, constraints, or system conditions. This includes required outages for construction or energization activities.
Delay example: Required outage window is denied or postponed.
Acceleration example: An earlier or combined outage window becomes available.

9 **Permitting (CPUC/CEQA) –** Schedule impact related to CPUC permitting and CEQA environmental review, including documentation, mitigation requirements, coordination, or litigation.

Delay example: Extended CEQA review or legal challenge delays approval.
Acceleration example: Permit is issued early with minimal conditions.

10 **Permitting (non-CPUC/CEQA) –** Schedule impact related to federal, state, local, tribal, or special-district permits (e.g., BLM, USFS, city/county). This includes agency processing timelines and coordination requirements.
Delay example: Agency permit processing exceeds expected timelines.
Acceleration example: Required permits are issued ahead of schedule.

11 **Project Design –** Schedule impact from engineering scope definition, design development, rework, constructability reviews, or changes outside the approved design.
Delay example: Late scope change requires redesign and delays construction.
Acceleration example: Reuse of previously approved designs shortens the design phase.

12 **Safety –** Schedule impact related to safety incidents, compliance requirements, or work stoppages necessary to maintain safe working conditions.
Delay example: Work halted due to a safety incident investigation.
Acceleration example: Improved safety planning reduces downtime during construction.

13 **Securities –** Schedule impact associated with financial instruments or structuring related to project funding and capital allocation.
Delay example: Delays in financial structuring postpone funding availability.
Acceleration example: Early completion of financing arrangements enables faster project start.

14 **Supply Chain Delays –** Schedule impact driven by macro-level supply chain conditions such as global shortages, shipping congestion, or geopolitical factors affecting procurement timelines.
Delay example: Global shortages extend equipment lead times.
Acceleration example: Alternative sourcing reduces procurement duration.

15 **Unspecified –** Schedule impact reported without a clearly defined or documented cause at the time of reporting.
Delay example: Milestone delay reported without explanation.
Acceleration example: Milestone achieved early without a documented reason.

16 **Vendor Quality / Delays –** Schedule impact related to vendor or contractor performance, including QA/QC issues, rework, missed milestones, or strong execution performance.
Delay example: Vendor quality issues require rework and delay progress.
Acceleration example: Vendor exceeds milestone expectations and completes work early.

17 **Weather –** Schedule impact related to environmental conditions such as severe weather, fire restrictions, access closures, or natural events that limit construction activities.
Delay example: Fire restrictions halt construction work.
Acceleration example: Favorable weather conditions allow extended work periods.

18 **Workforce Availability –** Schedule impact related to labor availability, crew sizing, competing work demands, or specialized skill constraints.
Delay example: Crew shortages delay construction activities.
Acceleration example: Early crew mobilization improves productivity and schedule.

ID	Network Upgrades	Description	PTO	Study	Type of Upgrade	Category	Status	Trigger Year	Current Expected Construction Start	Expected CPUC Permit Application	Previous In-Service Jan 2026 TDF	Current In-Service July 2026 TDF (Current)	Aggregate MW in Queue with Executed LGIA	Reason for ISD Change from Original Comitted Date	Delay Resolver	Notes
1Brunt-3	Schindler 70kV Bus Normal & Outage Overload	Upgrade Schindler 70 kV Bus to 1113 kcmil AAC	PG&E	RA-19	Reliability	Bus Flow	Not Assigned						0		N/A	Q1 - 2026 - Removed. No longer assigned to Generation projects
1Brunt-5	Bellota Substation 70kV CBs 12 and 22 Overstress	Bellota Sub- Replace 70kV CB 12 & 22 and switches.	PG&E	RA-21	Reliability	SCD overstress	Not Assigned	2021					0			Q1 - 2026 - Not Triggered
1Brunt-5	Palo Alto 115 kV circuit breakers 412 and 442 overstress	Replace Palo Alto 115 kV circuit breakers 412 and 442 with 63 kA interrupting capability	PG&E	RA-21	Reliability	SCD overstress	Not Assigned	2021		Nov-20	Jan-32	Jul-32	0		N/A	Q1 - 2026 - Removed. No longer assigned to an Active Generation project
1Crunch-2	Cottonwood 60 kV many CB overstress upgrade	Replace Cottonwood 60 kV circuit breakers 22, 32, 42, 52, 62, 82	PG&E	RA-22	Reliability	SCD overstress	Not Assigned						0		N/A	Q1 - 2026 - Removed. No longer assigned to Generation projects
1Eight-SCR01	Moraga- East OCB 587	Replace Moraga 115 kV circuit breakers 587	PG&E	C12	Reliability	SCD overstress	Not Assigned						0		N/A	Q1 - 2026 - Dependent Queue project withdrawn. No longer assigned
1EIP1-NCA02	Cottonwood 230 kV circuit breaker 212, 242 & 282 overstress	Replace Cottonwood 230 kV circuit breaker 212, 242 & 282	PG&E	C13	Reliability	SCD overstress	Not Assigned	2025					0		N/A	Q1 - 2026 - Removed. No longer assigned to Generation projects
1EIP1-WGR03	Mesa Substation 115 kV CBs 142 overstress	Replace Mesa Substation 115 kV CB 142 with 63 kA interrupting capability	PG&E	C14	Reliability	SCD overstress	Not Assigned						0		N/A	Q1 - 2026 - Removed. No longer assigned to Generation projects
1S4P1-GSD001	PG&E_250_QC14PIRAS-03-gilsay-tassajara–q1877ss-overload-RAS	RAS to trips Q1877 at Q1877SS Switching Station when an overload occurs in GRANT-Q1877SS or Q1877SS-EASTSHORE 115kV Lines due to outage of Q1877SS-EASTSHORE or GRANT-Q1877SS 115KV Lines, respectively, when Q1877 is in discharging mode	PG&E	C14	Reliability	RAS (Reliability)	Not Assigned					0		N/A	Q1 - 2026 - Removed. No longer assigned to Generation projects
1S4P1-GSR03	Ames Distribution 115 kV circuit breaker 112 & 122 overstress	Replace Ames Distribution 115 kV circuit breakers 112 & 122	PG&E	C14	Reliability	SCD overstress	Not Assigned						0		N/A	Q1 - 2026 - Removed. No longer assigned to Generation projects
1S4P1-GSR09	Newark 115 kV bus sections between 63 kA	Install series bus reactors between Newark Substation 115 kV bus sections E and F	PG&E	C14	Reliability	SCD overstress	Not Assigned						0		N/A	Q1 - 2026 - Removed. No longer assigned to Generation projects
1S4P1-GSR08	Sobrante 115 kV CB 112 overstress	Replace Sobrante 115 kV circuit breaker 112	PG&E	C14	Reliability	SCD overstress	Not Assigned						0		N/A	Q1 - 2026 - Dependent Queue project withdrawn. No longer assigned
1S4P1-NLD02	Eagle Rock-Cortina 115 kV Line (Lower Lake Sw Sta-Highland (2-Cache J)	Reconductor 2.5 miles of Eagle Rock-Cortina 115 kV (Lower Lake SW STA-Highland (2 section) to 477 ACSS and upgrade any limiting equipment	PG&E	C14	Deliverability	Re-conductor	Not Assigned						0		N/A	Q1 - 2026 - Removed. No longer assigned to Generation projects
1S4P1-NLD04	Ulelah-Hopland-Cloverdale 115 kV Line (Cloverdale-Hopland J) and Geysers #3-Eagle Rock 115 kV Line (Geysers34-Eagle Rock)	Reconductor 14.79 miles of Ulelah-Hopland-Cloverdale 115 kV (Cloverdale-Hopland J) to 477 ACSS and upgrade any limiting equipment	PG&E	C14	Deliverability	Re-conductor	Not Assigned						0			Q1 - 2026 - Not Triggered
1S4P1-NLD05	Geyser #5-Cloverdale 115 kV Line (Asfilin Switch-Cloverdale)	Reconductor 8 miles of Geyser #5-Cloverdale (MPE Tap-Cloverdale) 115 kV to 477 ACSS and upgrade any limiting equipment	PG&E	C14	Deliverability	Re-conductor	Not Triggered						0			Q1 - 2026 - Not Triggered
1S4P1-NLD06	Ulelah-Hopland-Cloverdale 115 kV Line (Cloverdale-Hopland J) and Geysers #3-Eagle Rock 115 kV Line (Geysers34-Eagle Rock)	Reconductor entire Geysers #3-Eagle Rock 115 kV (1.77 miles) to 1113 AAC and upgrade any limiting equipment	PG&E	C14	Deliverability	Re-conductor	Not Assigned						0			Q1 - 2026 - Not Triggered
1S4P2-FGR05	Transient stability mitigation: Panoche-Mendota 115 kV lines RAS	RAS should trip the output of Q1940 for the loss of Panoche-Mendota 115 kV line to mitigate the oscillations and voltage criteria violations.	PG&E	C14	Reliability	RAS (Reliability)	Not Assigned						0		N/A	Q1 - 2026 - Removed. No longer assigned to Generation projects
1S4P2-FGB06	Transient Stability: Updated dynamic models required	Updated dynamic models required that exhibits acceptable performance	PG&E	C14	Reliability	Transient Stability	Initiative	2025					25		N/A	Q1 - 2026 - Not a project This is a transient stability model
1S4P2-FPN02	Los Banos 230 kV circuit breaker 252 & 262 overstress	Relocate CB 262, 242 & 252 and their line terminal to the new 230 kV BAAH bus section: 242 & 252 line terminals would be crossed if we only move one line.	PG&E	C14	Reliability	SCD overstress	Not Assigned	2023		Sep-27		Dec-28	0		N/A	Q1 - 2026 - Removed. No longer assigned to Generation projects. Project In-Service date improved due to study needs and other test results for ratepayers and safety concerns
1S4P2-FPN09	Los Banos- Q1381 is assigned a 230 kV BAAH Bus Section CB 282 Overstress	Needed for CB 282 Overstress GBD1/	PG&E	C14	Reliability	SCD overstress	Not Assigned						0		N/A	Q1 - 2026 - Removed. No longer assigned to Generation projects
1S4P2-GSR10	Claremont OAK 115 kV circuit breaker 122 overstress	Replace Claremont OAK 115 kV circuit breaker 122	PG&E	C14	Reliability	SCD overstress	Not Assigned						0		N/A	Q1 - 2026 - Removed. No longer assigned to Generation projects
1S4P2-GSR11	Palermo 115 kV CB 152 overstress	Replace Palermo 115 kV CB 152	PG&E	C14	Reliability	SCD overstress	Not Assigned						0		N/A	Q1 - 2026 - Removed. No longer assigned to Generation projects
1S4P2-GSR13	Greenwood 115 kV CB 132 and 142	Replace Greenwood 115 kV CB 132 and 142	PG&E	C14	Reliability	SCD overstress	Not Assigned				Removed		0		N/A	Q1 - 2026 - Removed. No longer assigned to Generation projects
1S4P2-GSR14	Birds Landing Sw Sta 230 kV CB 212, 412 overload mitigation	Upgrade Birds Landing Sw Sta 230 kV bay 2 to 3000 A equipment and replacing 3 circuit breakers and associated switches/relays	PG&E	C14	Reliability	Bus Flow	Not Triggered						0			Q1 - 2026 - Not Triggered
1S4P2-GSR15	Pittsburg Substation 230 kV Bus Section 'E' overload. enhance conductor rating	Seek enhanced ratings of 2004/1572A for 2-2500 kcmil AL conductor. Assumes replacement of all fittings to compression and limited reconductor work to attach new fittings	PG&E	C14	Reliability	Bus Flow	Not Assigned						0		N/A	Q1 - 2026 - Removed. No longer assigned to Generation projects
1S4P2-GSR16	Pittsburg Substation 115 kV Bus Section E overload. Reconductor/Reinforce Bus	Reconductor bus to 3-2500 kcmil. Evaluate and Reinforce Structures.	PG&E	C14	Reliability	Bus Flow	Not Assigned						0		N/A	Q1 - 2026 - Removed. No longer assigned to Generation projects
1S4P2-GPT03	San Jose Area HVDC 230 kV Line (Newark - NRS)	To build two HVDC lines, 1) from Newark 230 kV to NRS 230 kV and 2) Metcalf 500 kV to San Jose B 115 kV.	PG&E	LS Power	Capacity	HVDC	Not Assigned	2022		Mar-27	Mar-27	Jun-28	0		N/A	Q1 - 2026 - Removed. No longer assigned to Generation projects
1S4P2-GPT02	San Jose Area HVDC 500 kV Line (Metcalf – San Jose)	To build two HVDC lines, 1) from Newark 230 kV to NRS 230 kV and 2) Metcalf 500 kV to San Jose B 115 kV.	PG&E	LS Power	Capacity	HVDC	Not Assigned	2022		Apr-26	Dec-27	May-28	0		N/A	Q1 - 2026 - Removed. No longer assigned to Generation projects. Tracking to completion of the San Jose B scope and not the LS Power scope with 5/1/2028 ISD.
1S4P2-GSR09	Kern PP 70 kV circuit breaker 62 overstress	Replace Kern PP 70 kV circuit breaker 62	PG&E	C14	Reliability	SCD overstress	Not Assigned						0		N/A	Q1 - 2026 - Removed. No longer assigned to Generation projects
1S4P2-NLD07	Hopland Transformer Bank #2 replacement	Replace Hopland 115/60 kV Transformer Bank #2 with 3-phase 100/110 MVA transformer with LTC	PG&E	C14	Deliverability	Re-conductor	Not Triggered						0			Q1 - 2026 - Not Triggered
1S4P2-NPT03	Rio Oso 230/115 kV Transformer Upgrades	This project will resolve current configuration issues, address reliability and capacity concerns, and alleviate high- voltage issues at Rio Oso Substation. The upgrades to Rio Oso will also position the substation for future system reinforcement projects, enhanced automation, and additional controls of PG&E's transmission system. This proposed project will rebuild Rio Oso Substation within the existing substation fence line. The project will include a 115kV and 230kV gas-insulated switchgear (GIS) in a breaker and a half (BAAH) configuration, and replacement of the two 230/115kV transformers with larger capacity units. This proposal will allow the project team to perform most of the work without interfering with the existing equipment.	PG&E	C14	Capacity	Bus Upgrade	Not Assigned	2007		Jun-21	Apr-25	Apr-25	0		N/A	Q1 - 2026 - Removed. No longer assigned to Generation projects
1S4P2-SGR01	Midway-Substation 500 kV circuit breaker 712 overload mitigation	Replace Midway 500 kV CB 712, switches and jumpers to achieve 4000 A optimal rating	PG&E	C14	Reliability	Bus Flow	Not Assigned						0		N/A	Q1 - 2026 - Removed. No longer assigned to Generation projects
1S8P2-10	QCBRAS-02 SPS (Deliverability Triggered RNU)	QCBSPS-02 SPS to modify the existing Hatchet Ridge SPS to trip Q1106 200 MW wind and Hatchet Ridge 102 MW wind for thermal overloads on the Q1106 SS-Cottonwood, Carberry SS-Round Mountain or PH #3-Carberry 115 230 kV Lines.	PG&E	C8	Deliverability	RAS (Deliverability)	Not Assigned	2017		May-29	Dec-29	Removed	0		N/A	Q1 - 2026 - Queue project that required this upgrade has withdrawn
1S8P2-F17	Panoche 115 kV circuit breakers 152 overstress	Replace Panoche 115 kV circuit breaker 152 and associated switches/relays	PG&E	C9	Reliability	SCD overstress	Not Assigned			Oct-26		Feb-28	0		N/A	Q1 - 2026 - Removed. Upgrade came back as C14P2-FPN09 132 & 152 overstress mitigation
1S8P2-GCR01	Moraga- East OCB 612 & 652	Replace Moraga 115 kV circuit breaker 612 & 652	PG&E	C10	Reliability	SCD overstress	In-Service	2022		Sep-23	Feb-24	Feb-24	0		N/A	Q1 - 2026 - Dependent Queue project withdrawn. No longer assigned
1S8P2-GCR02	Moraga- EM REPL CB 642 & 712	Replace Moraga 115 kV circuit breakers 642 and 712	PG&E	C12	Reliability	SCD overstress	Not Assigned			Nov-25	May-28	Feb-28	0			Q1 - 2026 - Dependent Queue project withdrawn. No longer assigned
2Dorsey-3	Midway 230 kV CB 152 overload mitigation	Replace limiting conductor and line terminals on Bus Section E to achieve 3172 A min. rating	PG&E	RA-20	Reliability	SCD overstress	In-Service	2021		2021	Jul-22	Jul-22	370			Q1 - 2026 - In-Service
2Dunn-5	Tesla 500 kV circuit breaker 642 overstress	Replace Tesla Substation 500 kV CB 642 and associated switches/relays	PG&E	RA-20	Reliability	SCD overstress	In-Service	2020		Oct-25	Jun-26	Mar-26	810			Q1 - 2026 - In-Service
2Dunn-7a	Tesla 500 kV circuit breaker 632 overstress	Replace Tesla 500 kV circuit breaker 632 with 63 kA interrupting capability	PG&E	RA-20	Reliability	SCD overstress	In-Service	2021			Dec-21	Dec-21	1,260			Q1 - 2026 - In-Service
2Dunn-7b	Tesla 500 kV circuit breakers 542 and 642 overstress	Replace Tesla 500 kV circuit breakers 542 and 642 with 63 kA interrupting capability	PG&E	RA-20	Reliability	SCD overstress	In-Service	2020		Sep-24	May-25	May-25	4,830			Q1 - 2026 - In-Service
2Grunt-3	Kern PP Substation 115 kV CB overstress (BAAH Conversion Phase 1 - CB182)	Kern PP Sub: Existing PG&E 115 kV BAAH conversion project will cover this replacement.	PG&E	RA-21	Reliability	SCD overstress	In-Service	2021		Jul-21	Jan-25	Jan-25	0			Q1 - 2026 - In-Service
2Grunt-4	Monta Vista 115 kV circuit breaker 1322 overstress	Replace Monta Vista 115 kV circuit breaker 1322	PG&E	RA-21	TPP	SCD overstress	In-Service	2021			Oct-21	Oct-21	1,550			Q1 - 2026 - In-Service
2Hilltop-FC01	Midway 500kV CB's 722 Overstress	Midway Sub: Replace 500kV CB's 722, 90's and Relays	PG&E	C11	Reliability	SCD overstress	In-Service	2021			Sep-22	Sep-22	1,300		N/A	Q1 - 2026 - In-Service
2Hilltop-FP01	Midway 500 kV circuit breakers 732, 752, 802, 812, 832, 862 & 892 overstress	Replace Midway 500 kV circuit breakers 732, 802, 832 and 862 and associated switches/relays	PG&E	C11	Reliability	SCD overstress	In-Service	2021			Aug-22	Aug-22	1,300			Q1 - 2026 - In-Service
2Hilltop-GP01	Moraga-Castro Valley 230 kV Line Capacity Increase Project	The project scope of work involves upgrading the limiting substation equipment (jumper conductors and wave traps) on the Moraga-Castro Valley and Castro Valley-Newark 230 kV lines to utilize their full conductor rating.	PG&E	C11	Deliverability	Re-conductor	In-Service	2011		Aug-24	Apr-25	Apr-25	0			Q1 - 2026 - In-Service
2Hilltop-NC01	Tesla Substation 230 kV bus section C-D and circuit breakers 372, 382 and 842 overstress (reactors) TESLA: 230kV BUS REACTORS C - D	Increase Tesla Substation 230 kV series bus reactors between bus section C and D and D and E	PG&E	C11	Reliability	SCD overstress	In-Service	2019		Jun-23	Mar-24	Mar-24	1,012			Q1 - 2026 - In-Service
2Hilltop-NC01	Tesla Substation 230 kV bus section D-E and circuit breakers 372, 382 and 842 overstress (reactors) TESLA: 230kV BUS REACTORS D - E	Increase Tesla Substation 230 kV series bus reactors between bus section C and D and D and E	PG&E	C11	TPP-Approved	SCD overstress	In-Service	2019		Apr-22	Jun-23	Jun-23	1,012			Q1 - 2026 - In-Service
2Hilltop-ND03	North Dublin-Cayetano 230 kV Line	Reconductor North Dublin-Cayetano 230 kV Line 2.63 miles OH Line & 2.82 UG cable with new UG cable 797 AlVA/2000 A	PG&E	C11	Deliverability	Re-conductor	In-Service	2021		Aug-25	Mar-26	Mar-26	0	Clearances	Utility	Q1 - 2026 - No change
2Hilltop-SPT01	Ames Distribution 115 kV circuit breaker 132 overstress	Replace Ames Distribution 115 kV circuit breaker 132	PG&E	C12	Reliability	SCD overstress	In-Service	2019		Mar-25	Mar-25	Mar-25	600			Q1 - 2026 - In-Service
2Hilltop-NPT01	Gold Hill Substation 115 kV circuit breakers 142 overstress	Replace Gold Hill Substation 115 kV circuit breakers 142 and associated switches/relays	PG&E	C12	Reliability	SCD overstress	In-Service	2021		Mar-24	Dec-25	Dec-25	50			Q1 - 2026 - In-Service
2Hilltop-NPT01	Gold Hill Substation 115 kV circuit breakers 172 overstress with Bank 5	Replace Gold Hill Substation 115 kV circuit breakers 172 and associated switches/relays	PG&E	C12	Reliability	SCD overstress	In-Service	2021		Mar-24	May-26	Apr-26	50			Q1 - 2026 - In-Service
2Hilltop-NPT08	Vaca Dixon Substation 230 kV circuit breakers 442 overstress	Replace Vaca Dixon Substation 230 kV circuit breakers 442, 452 and 462 and associated switches/relays	PG&E	C12	Reliability	SCD overstress	In-Service	2021		Mar-26	Jun-26	Jun-26	850			Q1 - 2026 - In-Service
2Hilltop-GRN02	Gates Substation 230 kV Bus Overstress (Reactors on Bus E and F)	Install series bus reactors between Gates Substation 230 kV bus sections E and F	PG&E	C12	Reliability	SCD overstress	In-Service	2022			Dec-25	Dec-25	1,200			Q1 - 2026 - In-Service
2Hilltop-GRN01	Midway-Substation 500 kV CB 712 overstress	Replace Midway Substation 500 kV CB 712 with 63 kA interrupting capability	PG&E	C12	Reliability	SCD overstress	In-Service	2021			Feb-22	Feb-22	1,090		N/A	Q1 - 2026 - In-Service
2Hilltop-RED1	Midway-Substation 500kV CB 722 Overload mitigation	Replace Midway 500 kV CB 722 to achieve 3000 A ampacity rating	PG&E	C12	Reliability	Bus Flow	In-Service	2021			Sep-22	Sep-22	1,125		N/A	Q1 - 2026 - In-Service
2Hilltop-PNU-02	Gates 230 kV circuit breakers 352, 362 and 372 overstress mitigation (Cao Banks)	Replace Gates 230 kV circuit breakers 352, 362 and 372 with 63 kA interrupting capability	PG&E	C12	Reliability	SCD overstress	In-Service	2022		Oct-22	Jul-23	Jul-23	1,836			Q1 - 2026 - In-Service
C13P1-FPT02	Warnerville-Bellota 230 kV line reconductoring	The project proposes to reinforce 45 circuit miles of the 230 kV transmission lines between Bellota, Cottle, and Warnerville substations with 1113 kcmil steel-supported aluminum conductors with emergency capability of 1880 Amps. The project includes the installation of a new Optical Ground Wire (OPGW) that will replace the existing aging third-party owned OPGW. The project will upgrade the Bellota, Cottle, and Warnerville terminals and upgrade the line fault protection to current safety standards. The project includes replacing a manual bypass switch and installing an additional shield wire. Key construction elements are as follows: •Replace 148 steel electric transmission lattice towers with 148 new tubular steel poles (TSP's) •Replace 1 manual bypass switch •Replace 22.5 miles of the Bellota-Warnerville 230 kV circuit •Replace 19.9 miles of the Bellota-Cottle 230 kV circuit •Replace 2.5 miles of the Cottle-Melones 230 kV circuit •Replace 0.1 mile of the Warnerville-Wilson 230 kV circuit •Replace 22.5 miles of OPGW with new OPGW •Install 22.5 miles of shield wire •Upgrade transmission line terminals at Bellota, Cottle, and Warnerville substations	PG&E	C13	Deliverability	Re-conductor	In-Service	2013	Dec-19	Oct-23	Mar-24	Mar-24	435			Q1 - 2026 - In-Service
C13P1-GPN04	Metcalf Substation 230 kV capacitor circuit breakers Interim Solution	Metcalf Substation 230 kV capacitor circuit breakers Interim Solution	PG&E	C13	Reliability	SCD overstress	In-Service	2018		Oct-22	Nov-22	Nov-22	500			Q1 - 2026 - In-Service
C13P2-GGR01	Tesla 500 kV circuit breakers 822 overstress	Replace Tesla 500 kV circuit breaker 822 with 63 kA interrupting capability. Only want to 50 kA	PG&E	C13	Reliability	SCD overstress	In-Service	2021			Dec-21	Dec-21	400			Q1 - 2026 - In-Service
C13P2-SGR01	Midway Substation 500 kV Switches 721 & 723 overload.	Replace Midway 500 kV Switch 721 & 723 to achieve 4000 A normal rating	PG&E	C13	Reliability	Bus Flow	In-Service	2022		Oct-24	Nov-24	Nov-24	1,550			Q1 - 2026 - In-Service
C13P2-SPN01	Midway Substation 500 kV Control Building	Existing PG&E project to replace the 500 kV Control Building at Midway (Needed for Midway RAS)	PG&E	C13	Reliability	RAS (Reliability)	In-Service	2024		Mar-22	Mar-23	Mar-23	1,890			Q1 - 2026 - In-Service
C14P1-RGR11	Midway 500 kV CB 742, 912, 942 Overstress: Reroute Midway 500 kV CB 742, 822, 912, 942	Reroute Midway 500 kV CB 742, 822, 912, 942	PG&E	C14	Reliability	SCD overstress	In-Service	2024		Jul-23	Oct-23	Oct-23	1,550			Q1 - 2026 - In-Service
C14P2-FGR04	Los Banos 500 kV circuit breakers 822, 832 overstress	Replace Los Banos 500 kV circuit breakers 822, 832 & 842	PG&E	C14	Reliability	SCD overstress	In-Service	2024		Oct-25	Sep-26	May-26	2,660			Q1 - 2026 - In-Service (breakers were uprated)
C14P2-NPT04	Vierra 115 kV Looping Project	Loop the Tesla-Stockton Co-Gen Junction 115kV 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.	PG&E	C14	Capacity	New Station	In-Service	2011		Jun-25	Apr-26	May-26	550			Q1 - 2026 - In-Service
C8P1-34	Re-conductor Padre Flat 55 Panoche #1 230 kV Line	Re-conductor 7.9 50 mi QF79/Padre Flat 55-Panoche #1 230 kV Line with 795 ACSS	PG&E	C8	Deliverability	Re-conductor	In-Service	2017	Feb-22	Sep-24	May-25	Mar-25	0			Q1 - 2026 - In-Service
C8P1-35	Re-conductor Los Banos-Quinto 55 230 kV Line	Re-conductor 6.11 mi Quinto Sw Sta-Los Banos 230 kV Line with super bundled 795 ACSS	PG&E	C8	Deliverability	Re-conductor	In-Service	2017		Mar-22	May-23	May-23	0	Bundling Dependencies	Utility	Q1 - 2026 - In-Service
C8P2-3	QCBRAS-08 RAS (Deliverability Triggered RNU)	QCBRAS-08 RAS to trip Generation offline for outage AND overload of either Gates 500/230 kV Transformer Bank 11 or 12	PG&E	C8	Deliverability	RAS (Deliverability)	In-Service	2017			Oct-24	Oct-24	2,345			Q1 - 2026 - In-Service
C8P2-6	Re-conductor Los Banos-Q779 55 #1 230 kV line	Re-conductor 4.5 mi Los Banos-Padre Flat 55 #1 230 kV Line with 1113 ACSS and upgrade equipment to 1900 A.	PG&E	C8	Deliverability	Re-conductor	In-Service	2017		Oct-22	Dec-22	Dec-22	35			Q1 - 2026 - In-Service
C8P2-F11	Re-conductor Dos Amigos PP-Panoche #3 230 kV Line	Re-conductor 22.63 mi Dos Amigos PP-Panoche #3 230 kV Line with 795 ACSS	PG&E	C8	Deliverability	Re-conductor	In-Service	2017		Feb-25	May-26	Apr-26	1,020			Q1 - 2026 - In-Service
C8P2-F13-F15	Gates 230kV Bus Section B and CB 312, 322, 2102, 2202 overload mitigation (BAAH)	Gates Substation 230 kV circuit breakers 312, 322, 2102, 2202 overload – convert bus section E to BAAH and swap Panoche/Gates #1 and #2 230 kV lines and (312/322/2102/2202) (312/322/2102/2202) into bus section F	PG&E	C9	Reliability	Bus Flow	In-Service	2019		Aug-21	Apr-23	Apr-23	2,041			Q1 - 2026 - In-Service
C9P2-N09	Re-conductor Stockton A-Weber #3 60 kV Line (Stockton A-Hazelton Jct)	Re-conductor 0.9 mi of Stockton A-Weber #3 60 kV Line from Stockton A to Hazelton Jct Pole 000/026 with 715 AAC	PG&E	C9	Reliability	Re-conductor	In-Service	2018		Jan-22	Feb-22	Feb-22	0			Q1 - 2026 - In-Service
POS-C15S1-RG10	Metcalf 230kV MPAC Installation	PG&E Project: 230kV MPAC Installation	PG&E	C13	Reliability	RAS (Reliability)	In-Service	2021		Oct-21	Feb-24	Feb-24	350			Q1 - 2026 - In-Service
2Grunt-SCD-21	El Cerrito 115kV CB 132, 142, 232 Overstress	Replace Overstressed Circuit Breakers	PG&E	RA-21	Reliability	SCD overstress	Not Assigned	2011		Jan-24	Dec-24	Dec-24	0			Q1 - 2026 - In-Service
2Grunt-3	Metcalf 230 kV Substation Circuit Breaker #No 292 Upgrade	Upgrade Metcalf Circuit Breaker #292 due to overstress issues	PG&E	RA-22	TPP-Approved	SCD overstress	Not Assigned	2022			Sep-22	Sep-22	0			Q1 - 2026 - In-Service
C11P2-NP01	Contra Costa 230kV Bus Sections D, E and F and circuit breaker 820 overload. Replaced by Line relocation project	Contra Costa PP: Reconductor Bus Sections D, E and F. Replace circuit breaker 820.	PG&E	C11	Reliability	Bus Flow	Replaced	2021		Sep-24	Feb-26	Feb-26	480		N/A	Q1 - 2026 - In-Service
C11P2-NP02	Contra Costa PP 230 kV Line Terminals Reconfiguration Project (C11P2-NP02, C11P2-NP01)	Contra Costa PP: Reconductor Bus Sections D, E and F. Replace circuit breaker 820.	PG&E	C11	Reliability	Bus Flow	Replaced	2022		Sep-24	Feb-26	Feb-26	480			Q1 - 2026 - In-Service
C11P1-NPN02	Lodi Substation 60 kV circuit breakers 12 and 22 overstress	Lodi Substation 60 kV circuit breakers 12 and 22 overstress	PG&E	C12	TPP	SCD overstress	Not Assigned	2015		Aug-20	May-22	May-22	0			Q1 - 2026 - In-Service
C11P1-NPT03	Rio Oso Substation 115 kV circuit breakers 412, 422, 482, 522 and 542 overstress	Replace Rio Oso Substation 115 kV circuit breakers 412, 422, 482, 522 and 542 and associated switches/relays	PG&E	C12	Reliability	SCD overstress	Not Assigned	2020		Jun-21	Apr-25	Apr-25	0			Q1 - 2026 - In-Service
C12P2-GRN01	Cowley Landing 60 kV Substation Circuit Breaker No 462 Upgrade: aka Cooley Landing 60 kV circuit breaker 62 overstress mitigation	Cooley Landing 60 kV circuit breaker 62 overstress mitigation: Replace Cooley Landing 60 kV circuit breaker 62 with 40 kA interrupting capability	PG&E	C12	Capacity	Breakers	Not Assigned	2022		Mar-25	Apr-25	Apr-25	0			Q1 - 2026 - In-Service
C12P2-15	Cottonwood Substation 230 kV Circuit Breaker 542 Overstress	Cottonwood Substation 230 kV CB Overstress: Replace CB 522 & 542 (rated @ 34.5KA, overstress close-in fault is 36.19kA or 3%) 47661	PG&E	C8	Reliability	SCD overstress	Not Assigned	2018		Jun-25	Jul-25	Jul-25	0			Q1 - 2026 - In-Service
C12P2-15	Cottonwood Substation 230 kV Circuit Breaker 522 Overstress	Cottonwood Substation 230 kV CB Overstress: Replace CB 522 & 542 (rated @ 34.5KA, overstress close-in fault is 36.19kA or 3%) 47661	PG&E	C8	Reliability	SCD overstress	Not Assigned	2018		Jun-25	Jul-25	Nov-25	0			Q1 - 2026 - In-Service. Correcting the operative date from July to November 2025.
C14P2-GGR12	Pittsburg 230 kV bus overstress. Bus D-E 230kV Bus Reactors	Install bus reactors between 230 kV sections D & E	PG&E	C14	Reliability	SCD overstress	On-Hold	2024			Apr-30	Apr-30	2,300		N/A	Q1 - 2026 - PG&E is evaluating alternations to this mitigation before project initiation. New In-service date To be determined.
2Grunt-4	Metcalf 115kV breakers Overstress (almost all breakers), install bus reactors on 230kV banks due to existing, space constraints and the 115kV Bus	Install 4-3 ohm reactors at low side of Metcalf 115 kV 230kV Transformers	PG&E	RA-20	Reliability	Sw Equipment	In-Flight	2020		Feb-28	Feb-27	Jul-28	1,320	Financing	Utility	Q1 - 2026 - Engineering was paused to determine if project was still needed but has since resumed. Scope of project was breaker replacements and was revised to installing reactors only. Long Lead times still a critical path
2Grunt-6	20RSMTRAS-02 (Reliability) to open Bitterwater Sw Sta-Wheeler Ridge #2 230 kV Line for loss of Midway-Bitterwater 230 kV line and overload on the Midway-Wheeler Ridge #1 230 kV line.	20RSMTRAS-02 RAS to open Bitterwater Sw Sta-Wheeler Ridge #2 230 kV Line for loss of Midway-Bitterwater 230 kV line and overload on the Midway-Wheeler Ridge #1 230 kV line.	PG&E	RA-20	Reliability	RAS (Reliability)	In-Flight	2020		Dec-27	Jul-27	Feb-28	100	Bundling Dependencies	Utility	Q1 - 2026 - Remaining install scope to install relay in new 230kV MPAC building and transfer existing connection from Old Bldg to new 230kV MPAC. Construction tentatively planned for Q4 2027 start, with ISD in Q1 2028.
2Grunt-3	Kern PP Substation 115 kV CB overstress (BAAH Conversion Phase 1 - CB182)	Kern PP Sub: Existing PG&E 115 kV BAAH conversion project will cover this replacement.	PG&E	RA-21	Reliability	SCD overstress	In-Flight	2021		Apr-26	Apr-27	Mar-27	0			Q1 - 2026 - Not Triggered by and Active Generation Project. Minor In-Service Date changes.
2Grunt-3	Kern PP Substation 115 kV CB overstress (BAAH Conversion Phase 4 - CB182)	Kern PP Sub: Existing PG&E 115 kV BAAH conversion project will cover this replacement.	PG&E	RA-21	Reliability	SCD overstress	In-Flight	2021		Jul-27	Mar-28	Apr-28	0			Q1 - 2026 - Not Triggered by and Active Generation Project. Minor In-Service Date changes.
2Grunt-1	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 - CB102 Added to the is project	PG&E	RA-22	Capacity	Bus Upgrade	In-Flight	2023		Oct-26	Jun-28	Feb-28	125	Clearances	Utility	Q1 - 2026 - Minor In-Service Date changes to align with overall project.
2Grunt-4	New 230 kV switching station to loop Dos Amigos – Panoche # 3 230 kV	Build a new 2 bay 230 kV BAAH switching station to loop in the Dos Amigos – Panoche # 3 230 kV line requiring access road, land and land rights acquisition and permitting, remote end protection upgrades, and OPGW/fiber telecommunication work	PG&E	RA-22	Deliverability	New Station	In-Flight	2022	Feb-28	Mar-30	Apr-30	May-30	1,095	Land Rights	Utility	Q1 - 2026 - Project evaluated feasibility designs for three different Switching Station parcels. Land Acquisition process initiating. Minor In-Service date changes.

24RSMT-GPN01	Tesla 230 kV & 500 kV Bus Overstress mitigation	Tesla 230 kV & 500 kV Bus Overstress mitigation: Extend 230 kV and 500 kV buses into new sections, add one (1) 500/230 kV XFMR and new control buildings. Design for future SCD Mitigation and additional elements.	PG&E	RA-24	Reliability	SCD overstress	In-Flight	2024		Apr-29	Apr-31	Apr-31	3,950	Project Design	Utility	Q3 - 2026 - Seismic impact to expansion area, evaluating options. In-Service date impacts are not conclusive.
24RSMT-NUD-01	Reconductor Konocti-Eagle Rock 60 kV Line: 7.49 Miles Eagle Rock to ER T-4/23	Reconductor Konocti-Eagle Rock 60 kV Line with 715.5-37 AAC and upgrade any limiting equipment	PG&E	RA-24	Deliverability	Re-conductor	Not Triggered	2025	Jan-28	Oct-29	May-30	May-30	0			Q3 - 2026 - Not Triggered
C11P2-KT01	Wheeler Ridge Junction Substation	Construct and own the new Wheeler Ridge Junction project substation (to be named Casa Loma) including two new 230/115 kV transformers and three 230 kV line terminations. Upgrade existing Wheeler Ridge-Adobe Switching Station and Adobe Switching Station-Lamont 115 kV lines to 230 kV operations. Upgrade existing Kern-Tevis-Stockdale-Lamont and Kern-Tevis-Stockdale 115 kV lines to 230 kV. Rebuild existing idle line that connects Kern-Tevis-Stockdale to Magunden Substation. Reconductor Stockdale 230 kV tap #1 and #2 lines.	PG&E	C11	Deliverability	New Station	In-Flight	2014		Jun-30	May-34	May-34	70	ISO Action	Utility	Q3 - 2026 - No change
C11P2-ND01	Re-conductor Fulton-Hopland 60 kV Line (Fitch Mountain Tap-Geysers Jct) (24 mile sections)	Re-conductor Fulton-Hopland 60 kV Line (Fitch Mountain Tap 009/003A-Geysers Jct 016/004): ~7 mi total length with 715.5AC	PG&E	C11	Deliverability	Re-conductor	In-Flight	2018	Mar-25	Oct-25	Feb-27	Mar-27	230	Clearances	Utility	Q3 - 2026 - Minor In-Service Date changes.
C11P2-NR01	Cottonwood Substation 230 kV circuit breakers 242 overstress	Replace Cottonwood Substation 230 kV circuit breakers 222, 232, 242 and associated switches/relays	PG&E	C11	Reliability	SCD overstress	Not Assigned	2022		Mar-27	Aug-26	Dec-26	0			Q3 - 2026 - Slight In-Service date change.
C11P2-NR01	Cottonwood Substation 230 kV circuit breakers 222, 232 overstress	Replace Cottonwood Substation 230 kV circuit breakers 222, 232, 242 and associated switches/relays	PG&E	C11	Reliability	SCD overstress	Not Assigned	2022		Apr-28	Aug-26	Apr-29	0	Financing	Utility	Q3 - 2026 - No longer assigned to an active Generation project. The breakers are sequenced with a larger project to Install new MPAC, Bank Replacements, and to replace CB 222, 232, 272, 292 at Cottonwood
C12P1-NPT04	Vaca Dixon Substation 230 kV circuit breakers 452 overstress	Replace Vaca Dixon Substation 230 kV circuit breakers 442, 452 and 462 and associated switches/relays	PG&E	C12	Reliability	SCD overstress	In-Flight	2021		Nov-26	Jan-27	Jan-27	850	Bundling Dependencies	Utility	Q3 - 2026 - No change
C12P1-NPT04	Vaca Dixon Substation 230 kV circuit breakers 462 overstress	Replace Vaca Dixon Substation 230 kV circuit breakers 442, 452 and 462 and associated switches/relays	PG&E	C12	Reliability	SCD overstress	In-Flight	2021		Jun-26	Oct-26	Oct-26	850		N/A	Q3 - 2026 - No change
C12P2-LDNU1	Ripon-Manteca 115 kV Line Reconductor	Reconductor Ripon-Manteca 115 kV line 1.51 mi section of 2/0 CU and 0.92 mi 4/0 ACSR (2.43 mi total)	PG&E	C12	Deliverability	Re-conductor	In-Flight	2021	Jul-26	Oct-26	Mar-27	Jun-27	99	Bundling Dependencies	Utility	Q3 - 2026 - Construction Sequencing changes to In-Service Date
C12P2-LDNU2	Stanislaus-Melones Sw Sta-Manteca #1 115 kV Line Reconductor (overlaps 2C project)	Reconductor Stanislaus-Melones Sw Sta-Manteca #1 115 kV line 25.23 miles section of various conductors from 038/115-045/277. This order completes CB1 from #038/195 to 045/277 12.67 miles	PG&E	C12	Deliverability	Re-conductor	In-Flight	2021	Feb-27	Aug-27	Mar-28	Jul-28	99	Bundling Dependencies	Utility	Q3 - 2026 - Construction Sequencing changes to In-Service Date
C12P2-LDNU3	Bellota-Riverbank-Melones Sw Sta 115 kV Line 115 kV Line Reconductor	Reconductor a total of 17 miles of Bellota-Riverbank-Melones SW STA 115 kV Line with 477 ACSS	PG&E	C12	Deliverability	Re-conductor	In-Flight	2021	Nov-25	Apr-26	Jan-27	Feb-27	99	Bundling Dependencies	Utility	Q3 - 2026 - Slight In-Service date change.
C12P2-LDNU4	Stanislaus-Melones SW STA-Riverbank Jct Sw Sta 115 kV Line Reconductor (STAN-MELONES TAP LINES: REPL CU COND P3 7.5 miles - double circuit), LDNU only needs 1 circuit	Reconductor Stanislaus-Melones Sw Sta-Riverbank Jct Sw Sta 115 kV Line 7.53 miles section of various conductors from 000/001-007/043 - scope taken over by the more comprehensive STAN-MELONES TAP LINES: REPL CU CONDP3 project.	PG&E	C12	Deliverability	Re-conductor	In-Flight	2021		May-26	Dec-28	Dec-28	99	Bundling Dependencies	Utility	Q3 - 2026 - No change
C13P1-FLD01	Helm-Crescent Sw Sta 70 kV Line Reconductor (4.7 miles rated ampacity 1400amp)	Reconductor a total of 4.77 miles of Helm-Crescent Sw Sta 70 kV Line with 1113 AAC and upgrade any limiting equipment to enable full conductor rating ~1400 A	PG&E	C13	Deliverability	Re-conductor	In-Flight	2024	Mar-27	Oct-27	Oct-27	Dec-27	70	Bundling Dependencies	Utility	Q3 - 2026 - Right of way acquisitions driving schedule delays. Currently at 60% design.
C13P1-PPT03	Oro Loma 70 kV Area Reinforcement	The Oro Loma 70 kV Area Reinforcement project will reconductor 2.4 miles of the Los Banos - Livingston Jct – Canal 70 kV Line, from Los Banos sub to Sante Nella substation and 10.8 miles of the Mercy Springs SW STA – Canal – Oro Loma 70 kV Line, from Mercy Springs SW STA to Canal Substation. Transmission Planning is recommending a conductor that should be capable of handling at least 1126 Amps during summer normal and emergency conditions. Associated substation terminal equipment will be upgraded as needed to meet the ratings of the new line conductor	PG&E	C13	Capacity	Re-conductor	In-Flight	2011		Feb-28	Jun-28	May-28	75	Financing	Utility	Q3 - 2026 - Minor In-Service Date changes.
C13P1-PPT03b	MERCY SPRINGS SW STA_CONNECT 70KV LINE	MERCY SPRINGS SW STA_CONNECT 70KV LINE	PG&E	C13	Capacity	Re-conductor	In-Flight	2011		May-30	Jun-28	Jan-31	75	Financing	Utility	Q3 - 2026 - This project depends on the completion of the new Dos-Amigos-Pacche Swithcing Station project before it can commence construction.
C13P1-GPN04	Metcalf Substation 230 kV capacitor circuit breakers 654, 664, 674 and 684 overstress.	Replace Metcalf Substation 230 kV capacitor circuit breakers 654, 664, 674 and 684	PG&E	C13	Reliability	SCD overstress	In-Flight	2018		Oct-26	Dec-26	Feb-27	500	Bundling Dependencies	Utility	Q3 - 2026 - Relies on the 230kV MPAC and cap bank breaker project to complete in order to move forward with this project's work.
C13P1-KGR01	QC13P2RAS-04 Modify existing Midway 500/230 kV transformer overload SPS	Midway 500/230 kV transformer overload SPS to include transformer outage detection and transformer overload detection for Bank 11, 12 and 13	PG&E	C13	Reliability	RAS (Reliability)	In-Flight	2024		Dec-27	Feb-29	Mar-29	700	Bundling Dependencies	Utility	Q3 - 2026 - Seeking necessary approvals for RAS from affected parties. Delays to approvals can delay the design process of this project.
C13P1-KGR05	Midway Substation 230 kV bus and 27 circuit breakers overstress - Reused to Install (2) Bus Reactors. Install 2 x 16 ohm series bus reactors between Midway Substation 230 kV bus sections D and E (16 ohm parallel/8 ohm net)	Install 2 x 16 ohm series bus reactors between Midway Substation 230 kV bus sections D and E (16 ohm parallel/8 ohm net)	PG&E	C13	Reliability	SCD overstress	In-Flight	2024		Dec-29	Mar-31	Mar-31	1,800		N/A	Q3 - 2026 - Coordinating project scope, including cluster study and equipment requirement details for project kickoff.
C13P1-KPN02	Midway 230 kV Bus D BAAH Conversion: (Needed to install reactors between Bus Sections D & E)	Convert Midway Substation 230 kV to BAAH in order to install bus reactors & RAS	PG&E	C13	Reliability	SCD overstress	In-Flight	2016		Apr-27	Nov-27	Nov-27	1,900	Bundling Dependencies	Utility	Q3 - 2026 - No change. Tracking to Phase 5 when breaker installs are complete. Time re-arrangement dates follow.
C13P1-KPN03	Midway 230 kV Bus D BAAH Conversion: (Needed for Midway 500/230 kV Transformer overload RAS)	Midway 230 kV Bus D BAAH Conversion: Convert Midway Substation 230 kV to BAAH needed for Midway 500/230 kV Transformer overload RAS	PG&E	C13	Reliability	SCD overstress	In-Flight	2025		Dec-27	Feb-29	Feb-29	300	Bundling Dependencies	Utility	Q3 - 2026 - No change
C14P1-GGR07	Newark 230 kV cap bank circuit breakers 974 & 984 overstress		PG&E	C14	Reliability	SCD overstress	In-Flight	2025			Mar-30	Apr-28	1,430		N/A	Q3 - 2026 - Schedule in early development. Project entering scoping and early design.
C14P1-GGR07	NEWARK REPL CAP BREAKER 974 EMER		PG&E	C14	Reliability	SCD overstress	In-Flight	2025		Mar-21	Mar-30	Apr-28	1,430		N/A	Q3 - 2026 - This project is being coordination along side and SVP MPAC building project. Schedule in early development. Project entering scoping and early design.
C14P1-GGR09	Tesla 230 kV Bus Overstress (2 CB with Line relocations)	Relocate a Tesla - Tracy #2 230kV line to Bus Sect. C - into BAAH bay position where Newark #2 line resides today. Newark #2 will shift to a new BAAH bay. Includes costs for (9) 230kV T-Line structures (4,000 feet of new line). BAAH bay w/2 CB's.	PG&E	C14	Reliability	SCD overstress	In-Flight	2024		Apr-29	Apr-31	Apr-31	3,950	Project Design	Utility	Q3 - 2026 - Seismic impact to expansion area, evaluating options. In-Service date impacts are not conclusive.
C14P1-NGR02	Cottonwood 230 kV circuit breaker 272 & 292 overstress	Replace Cottonwood 230 kV circuit breaker 272 & 292	PG&E	C14	Reliability	SCD overstress	Not Assigned	2025		Apr-28	Aug-29	Apr-29	0		N/A	Q3 - 2026 - Queue project that required this upgrade has withdrawn
C14P2-FGR04	Los Banos 500 kV circuit breakers 842 overstress	Replace Los Banos 500 kV circuit breakers 822, 832 & 842	PG&E	C14	Reliability	SCD overstress	In-Flight	2024		Mar-27	Sep-26	Sep-27	2,600		N/A	Q3 - 2026 - CB has already been ordered and is on track to issue for construction this year.
C14P2-FPN03	Los Banos 230 kV circuit breakers 212 & 222 overstress	Replace Los Banos 230 kV circuit breakers 212 & 222	PG&E	C14	Reliability	SCD overstress	In-Flight	2023		Sep-27	Sep-27	Dec-28	1,900		N/A	Q3 - 2026 - This CB upgrade project is bundled with a larger Los Banos project to replace multiple breakers.
C14P2-FPN06	Panoche 115 kV circuit breakers 152 overstress	Replace Panoche 115 kV circuit breakers 152 and associated switches	PG&E	C14	Reliability	SCD overstress	In-Flight	2022		Oct-26	May-28	Feb-28	125	Clearances	Utility	Q3 - 2026 - Minor In-Service Date changes to align with overall project
C14P2-FPN07	Panoche 230 kV bus overstress above 40 kA design and circuit breakers 212, 232, 242 ,252, 262, 272, 282, 292, 322, 312, 332, 412 & 422 overstress mitigation	Convert Panoche 230 kV Bus D to BAAH & Replace Bus E Overstressed CBs	PG&E	C14	Reliability	SCD overstress	In-Flight	2022		Jun-26	Apr-28	Feb-28	2,725	Bundling Dependencies	Utility	Q3 - 2026 - Minor In-Service Date changes to align with overall project.
C14P2-GGR17	Midway 230 kV reactor replacement: Replace existing 9 ohm Midway 500/230 kV reactors with 13 ohm reactors	Replace existing 9 ohm Midway 500/230 kV reactors with 13 ohm reactors,	PG&E	C14	Reliability	Reactor Upgrade	In-Flight	2025		Feb-29	Mar-29	Sep-29	300	Bundling Dependencies	Utility	Q3 - 2026 - Construction Sequencing changes to In-Service Date.Project is dependent on other Midway project sequencing..
C14P2-GPN01	Pittsburg 115 kV bus overstress. Bus D-E 115kV Bus Reactors	Install bus reactors between 115 kV sections D & E	PG&E	C14	Reliability	SCD overstress	In-Flight	2023		Apr-27	May-28	May-28	1,000	Bundling Dependencies	Utility	Q3 - 2026 - No change
C14P2-GPT03	Vasona-Metcalf 230 kV Line Limiting Elements Removal Project: (Part of Vasona Sub CB212 relay upgrade which will remove the Wavetrap)	The scope of this project is to remove the limiting elements for Vasona-Metcalf 230 kV line at Vasona and Metcalf Substations to achieve the line conductor ratine	PG&E	C14	Capacity	Line Upgrade	Not Assigned	2022		Jan-26	May-27	Jun-27	0			Q3 - 2026 - Minor In-Service Date changes.
C14P2-GPT04	Ravenswood 115 kV CB 152, 312, 322 overstress	Replace Ravenswood 115 kV CB 152, 312, 322	PG&E	C14	Reliability	SCD overstress	In-Flight	2025		Jul-32	Mar-29	Jan-33	750	Bundling Dependencies	Utility	Q3 - 2026 - Project is part of BAAH conversion at Ravenswood Substation.
C14P2-NFT01	Estrella Substation Project	Construct and own the new Estrella 230/70/21 kV Substation and associated transmission line work as defined by the CAISO's Transmission Plan. Construct 230 kV and 70 kV transmission lines to connect the Morro Bay-Gates 230 kV and San Miguel-Paso Robles 70 kV lines via Estrella Substation. Reconductor the southernmost portion of the San Miguel-Paso Robles 70 kV line between Estrella and Paso Robles Substations.	PG&E	C14	Capacity	New Station	In-Flight	2023		Oct-27	Mar-29	Mar-29	300	Permitting	Utility	Q3 - 2026 - No change
C14P2-NFT02	New Manning 500 kV substation	The scope of this project includes a new 500/230 kV substation (Manning), looping in the Midway – Los Banos and Gates – Los Banos 500 kV lines into the new substation, two 500/230 kV transformers, looping in the Panoche – Tranquility 230 kV lines into the new substation and reconductor the Mannign – Tranquility 230 kV lines, and a new double circuit 230 kV line from Manning to Tranquility substation.	PG&E	LS Power	Capacity	New Station	In-Flight	2023	Sep-25	Dec-26	Jun-28	Apr-28	1,735	Project Design	Utility	Q3 - 2026 - No change
C14P2-NFT03	Wilson 115 kV Area Reinforcement	Install new 115 kV and 230 kV Breaker-and-a-half (BAAH) Bus Arrangements, two Modular Protection and Automation Control (MPAC) Buildings, and two new 230/115 kV Transformers.	PG&E	C14	Deliverability	Re-conductor	Not Assigned	2023		Jul-28	May-30	Feb-31	0	Financing	Utility	Q3 - 2026 - Associated with other Wilson Upgrades Impacting a Generation Project. Scope changes under way. Engineering ongoing. In-Service date subject to change as the project completes construction sequencing after Design complete.
C14P2-NFT04	Borden-Storey 230 kV 1 and 2 Line Reconductoring	Reconductoring the Borden – Storey section(s) of the Wilson – Storey #1 and #2 230 kV lines	PG&E	C14	Deliverability	Re-conductor	In-Flight	2023	May-27	Sep-29	Jan-30	May-30	660	Project Design	Utility	Q3 - 2026 - Borden Storey four-month in-service date shift driven by conductor and cable design studies needed to support material selection and engineering decisions, while still remaining within the original CAISO commitment window.
C14P2-NPT01	Cortina 230/115/60 kV Transformer Bank No. 1 Replacement Project	The scope of this project is to replace the Cortina 230/115/60 kV Bank #1 with one 230/115 kV and one 115/60 kV transformer banks.	PG&E	C14	Capacity	Transformer	Not Triggered	2022		Nov-25	Dec-28	Jan-28	0			Q3 - 2026 - Not Triggered
C14P2-NPT02	Round Mountain 500 kV Dynamic Voltage Support	This project will support connection of the new 500kV substation between Round Mountain (RM) and Table Mountain (TM) Substations to the PG&E system. The new 500kV substation, installed by the third party (LS Power), is needed for Western Area Voltage Support. Dynamic Voltage Support (+/- 500MVAR) is required to address both high and low voltages in this area. This project will connect both RM to TM 500kV lines to the new substation. In addition, this project will modify Round Mountain 500kV Series Capacitor Banks 3&4 Reactance to 5.28 ohm, and Table Mountain 500kV Series Capacitor Banks 1&2 Reactance to 36.32 ohm.	PG&E	LS Power	Capacity	HVDC	Not Assigned	2019		Feb-23	Dec-26	Jul-26	0			Q3 - 2026 - No longer assigned to an active Generation project. Round Mountain & Table Mountain Series Capacitors to be operational in July 2027. This work can/will be completed post-energization of Fern Road.
C3P2-1	Re-conductor Borden-Gregg #1 230 kV Line	Re-conductor 6.25 mi Borden-Gregg #1 230 kV Line with 1113 ACSS and upgrade equipment to 2000 A minimum (this is the existing Borden-Gregg 230 kV Line)	PG&E	C8	Deliverability	Re-conductor	In-Flight	2017	Oct-24	Dec-26	May-27	Mar-28	695	Land Rights	Utility	Q3 - 2026 - Project has faced land rights challenges and supply-side material delays. Construction rescheduled to start in 2027 after confirming steel poles not available on time for Q4 2026.
C3P1-F12	Re-conductor Borden-Gregg #2 230 kV Line	Re-conductor 6.25 mi Borden-Gregg #2 230 kV Line with 1113 ACSS	PG&E	C9	Deliverability	Re-conductor	In-Flight	2017	Oct-24	Dec-26	May-27	Feb-28	695	Land Rights	Utility	Q3 - 2026 - Project has faced land rights challenges and supply-side material delays. Construction rescheduled to start in 2027 after confirming steel poles not available on time for Q4 2026.
C3P2-N02	Re-conductor Fulton-Hopland 60 kV Line (Geysers Jct-Cloverdale Jct-Hopland) (7 mile section)	Re-conductor 24.21 mi Fulton-Hopland 60 kV Line (Geysers Jct 016/003A-Cloverdale Jct 026/002-Hopland) with 795 AAC and upgrade any limiting equipment	PG&E	C9	Deliverability	Re-conductor	In-Flight	2019	Mar-25	Oct-26	Mar-27	Jan-27	230	Clearances	Utility	Q3 - 2026 - Minor In-Service Date changes.
POS-Q15B7-NU1	Arco 230kV New CB 2422 & 2432 & Bay + Cntrl Bldg & Relays	Arco 230kV New CB 2422 & 2432 & Bay + Cntrl Bldg & Relays	PG&E	C15	Reliability	RAS (Reliability)	In-Flight	2022		Jun-28		Sep-28	100		N/A	Q3 - 2026 - Trippering Queue In-Service date shifting to Q3 2028.
POS-Q1B72-NU1	PITTSBURG PP: INSTALL 115KV BUS D MPAC			C14			In-Flight	2025		Oct-24		Mar-28	325	Bundling Dependencies	Utility	Q3 - 2026 - The project is in construction and planned in Service date is Q2, 2030
POS-Q1922-NU1	Tesla MPAC	New 230kV MPAC buildine relocates 230kV equipment from existine Control Buildine	PG&E	C14	Capacity	MPAC	In-Flight	2018		May-26	Jan-28	Feb-27	500		N/A	Q3 - 2026 - Project in construction
POS-Q1932-NU1	Wilson Sub: Convert 115 kV DB58 to BAAH	Wilson Sub: Convert 115 kV DB58 to BAAH	PG&E	C14	Reliability	SCD overstress	In-Flight	2023		Jul-28	May-30	Feb-31	200	Financing	Utility	Q3 - 2026 - Engineering ongoing. In-Service date subject to change as the project completes construction sequencing after Design complete.
POS-Q1959-NU2	Morro Bay Sub: Control Building Replacement	New 230kV MPAC building relocates 230kV equipment from existing Control Building	PG&E	C14	Capacity	MPAC	In-Flight	2014			Mar-32		300	Bundling Dependencies	N/A	Q3 - 2026 - PG&E is evaluating options that could remove this project from impacts to Generation Interconnection

ID	Network Upgrades	Description	PTO	Study	Type of Upgrade	Category	Status	Current Expected Const Consturction Start	Expected CPUC Permit Application	Trigger Year	Previous In-Service Jan 2026 TDF	Current In-Service July 2026 TDF (Current)	Agregate MW in Queue with Executed LGIA	Reason for ISD Change from Original Comitted Date	Delay Resolver	Notes
New: CAISO to provide ID (Devers 220 kV SCD Mitigation)	Devers 220 kV SCD Mitigation	Replace one (1) circuit breaker at Devers 220 kV substation with a circuit breaker with fault interrupting capability of 63kA and a tested X/R of 35 or higher.	SCE	QC13	RNU	SCD	Plan/Analyze	Pending	N/A	Nov-21	TBD					Scope change to operating procedure, to be removed from future NU TDF (Jan)
New: CAISO to provide ID (Devers 220 kV SCD Mitigation: 80kA Upgrade)	Devers 220 kV SCD Mitigation: 80kA Upgrade	Upgrade Devers 220 Switchrack to 80 kA	SCE	QC14	RNU	SCD	Plan/Analyze	Pending	N/A	Jan-24	Nov-30					Now approved in 2025-2026 Transmission plan (Devers 230 kV SCD Upgrade), to be removed from future NU TDF (Jan)
New: CAISO to provide ID (Mira Loma B 220 kV SCD Mitigation: 80kA Upgrade)	Mira Loma B 220 kV SCD Mitigation: 80kA Upgrade	Upgrade Mira Loma B 220 Switchrack to 80 kA	SCE	QC14	RNU	SCD	Initiation	Pending	N/A	Jan-24	Oct-29					Now approved in 2025-2026 Transmission plan (Etiwanda and Mira Loma 230 kV SCD Upgrade), to be removed from future NU TDF (Jan)
New: CAISO to provide ID (Pardee 220 kV SCD Mitigation)	Pardee 220 kV SCD Mitigation	De-loop the Pardee 220 kV bus from the Pastoria-Warne-Pardee and Pardee-Santa Clara 220 kV lines to create the Pastoria-Warne-Santa Clara 220 kV line. Modify the Big Creek/Pastoria CRAS to account for the new transmission line topology.	SCE	QC13	RNU	SCD	Plan/Analyze	Pending	N/A	Nov-21	TBD					Scope change to operating procedure, to be removed from future NU TDF (Jan)
New: CAISO to provide ID (Serrano 500 kV SCD Mitigation)	Serrano 500 kV SCD Mitigation	Replace nine (9) 500 kV GIS circuit breakers at Serrano 500 kV Substation with 63 kA-rated equivalents	SCE	QC14	RNU	SCD	Initiation	Pending	N/A	Oct-24	Aug-33					July 2026: To be removed from NU workbook, project included in TPP workbook.
SCE-TC22-EOP-R4	Lugo - Victorville RAS	Trip generation for Eldorado area 500KV line outages.	SCE	TC Phase II	RNU	RAS/CRAS	Closeout	Jan-25	N/A	Sep-11	Mar-26	Mar-26	1320	No Change	N/A	July 2026: Project completed and it should be removed from future TDF's.
SCE-C11P2-N-L1	Pardee – Pastoria – Warne 220 kV T/L rating increase	Upgrade terminal equipment and fix ground clearance for Pardee – Pastoria- Warne 230kV line	SCE	C11 Phase II	LDNU	Capacity Increase	Closeout	Jun-23	N/A	Jul-20	Sep-25		340			Commercially operational
SCE-C10P2-E-R3	West of Colorado River CRAS Inland/Devers Extension monitorine infrastructure	Infrastructure to convert the formally referred to as the New Devers RAS and the Inland RAS to centralized RAS platform	SCE	C10 Phase II	RNU	RAS/CRAS	Closeout	Mar-22	N/A	Dec-18	In Service		4855			Project completed and it will be removed from future TDF's.
SCE-C9P2-N-R1	Whirlwind AA Bank CRAS Monitoring Infrastructure	Implement Whirlwind AA Bank CRAS - monitoring infrastructure	SCE	2018 Reassessment	GRNU	RAS/CRAS	Closeout	Jul-23	N/A	Jul-20	Mar-25	Mar-25	692	No Change	N/A	July 2026: Project completed and it should be removed from future TDF's.
SCE-C9C10-N	Windhub AA Bank cRAS - monitoring infrastructure	Windhub AA Bank cRAS - monitoring infrastructure	SCE	2021 Reassessment	GRNU	RAS/CRAS	Closeout	Apr-22	N/A	Aug-21	In Service		1800			Project completed and it will be removed from future TDF's.
New: CAISO to provide ID (Calcite CRAS)	Calcite CRAS	Monitoring infrastructure to include multiple outages as part of the new Calcite CRAS	SCE	QC14	RNU	RAS/CRAS	Design	Pending	N/A	Nov-28	N/A	Mar-29	355	Other	N/A	July 2026: Newly added, to be included in future TDFs.
PINE902	Calcite Substation	New four position 220 kV switchrack	SCE	Serial LGIP	GRNU	New Substation	Design	Jan-28	Apr-25	Nov-20	Jun-28	Mar-29	255	Permitting (Non-CPUC/CEQA)	Agency-County	
SCE-C11P2-EOP-R1	Lugo - Victorville CRAS - monitoring infrastructure	Infrastructure to convert the Lugo - Victorville RAS to centralized RAS platform	SCE	C11 Phase II	GRNU	RAS/CRAS	Design	Sep-25	N/A	Nov-19	Jun-28	Jun-28	1520	No Change	N/A	
SCE-C12P2-N-R3	Moorpark CRAS: monitoring infrastructure	New Moorpark CRAS	SCE	C12 Phase II	GRNU	RAS/CRAS	Design	Jun-28	N/A	Jul-21	Dec-28	Dec-28	715	No Change	N/A	
SCE-C9P2-NOL-R1	New North of Lugo RAS - Backbone Portion	New North of Lugo RAS combining HDPP RAS and Calcite RAS	SCE	C9 Phase II	RNU	RAS/CRAS	Design	Jan-29	N/A	43040	Jun-31	Jun-31	350	No Change	N/A	
New: CAISO to provide ID (Pardee 220 kV SCD Mitigation: 80kA Upgrade)	Pardee 220 kV SCD Mitigation	Upgrade Pardee 220 Switchrack to 80 kA	SCE	QC14	RNU	SCD	Design	Jan-29	N/A	Jan-24	May-33	May-33	2950	No Change	N/A	
SCE-C72021-EOP	Participate and modify the planned Lugo-Victorville CRAS - SCE portion	Participate and modify the planned Lugo-Victorville CRAS - SCE portion	SCE	2021 Reassessment	RNU	RAS/CRAS	Design	N/A	N/A	44409	Jun-28	Jun-28	300	No Change	N/A	
PINB483-RNU	South of Vincent CRAS	Add lines south of Vincent to the Tehachapi CRAS	SCE	C13 Phase II	RNU	RAS/CRAS	Design	Aug-26	N/A	12/31/2021	Dec-27	Dec-27	1300	No Change	N/A	
SCE-C12P2-N-R2	Tehachapi CRAS: monitoring infrastructure addition	Add N-1 to RAS	SCE	C12 Phase II	GRNU	RAS/CRAS	Execution	Sep-26	N/A	44228	Nov-26	Jun-27	3200	Bundling Dependency	Utility	
New: CAISO to provide ID (Vincent 500 kV SCD Mitigation)	Vincent 500 kV SCD Mitigation	De-loop Antelope-Vincent No.1 and Lugo-Vincent No.2 500 kV lines	SCE	QC14	RNU	SCD	Design	Sep-27	N/A	Jan-24	Jan-27	Jun-28	8200	Bundling Dependency	Utility	
SCE-C11P2-E-R1	WOCR CRAS Inland/Devers Extension Additional Monitorine (OC11) at Wildlife Sub	WOCR CRAS Inland/Devers Extension Additional Monitoring (OC11) at Wildlife Sub	SCE	C11 Phase II	RNU	RAS/CRAS	Design	Oct-29	N/A	43891	Oct-29	Oct-29	150	No Change	N/A	
SCE-C10P2-E-R3	WOCR CRAS Inland/Devers Extension Monitoring (OC10) at Alberhill Sub	WOCR CRAS Inland/Devers Extension Monitoring (OC10) at Alberhill Sub	SCE	C10 Phase II	RNU	RAS/CRAS	Design	Pending	N/A	43435	On Hold	On Hold	1617	No Change	N/A	

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SDGE-EXISTING-RNU-01	Imperial Valley Existing/Modified RAS'	Imperial Valley Existing/Modified RAS'	SDGE		PNU		Operational									
SDGE-EXISTING-RNU-7.1	Existing Miguel BK 80 / 81	Existing Miguel BK 80 / 81	SDGE		PNU		Operational									
SDGE-EXISTING-RNU-02	Existing Otay Mesa RASs	Existing Otay Mesa RASs	SDGE		PNU		Operational									
SDGE-EXISTING-RNU-04	Existing ECO/BUE anti-islanding scheme for radial generators	Existing ECO/BUE anti-islanding scheme for radial generators	SDGE		PNU		Operational									
SDGE-C11-PHII-RNU-02	Participate in the proposed RAS to protect TL13810A/TL13810B/TL13810C Friars - Penasquitos - Doublett Tap 138kV Lines (formerly known as Participate in the proposed RAS to protect TL13827 Mission – Friars 138kV line)	Participate in the proposed RAS to protect TL13810A/TL13810B/TL13810C Friars - Penasquitos - Doublett Tap 138kV Lines (formerly known as Participate in the proposed RAS to protect TL13827 Mission – Friars 138kV line)	SDGE	C11 Phase II	PNU	Reliability	Operational		N/A	N/A	Jun-24					Placed in service on 6/18/22
SDGE-C08-PHII-RNU-03.1	TL680 OLS	Overload Scheme to protect TL680C. Previously named as Modify TL684 RAS.	SDGE	C8 Phase II	GRNU	Deliverability	Operational		N/A	Jul-05	Jun-24					Placed in service on 3/30/23
SDGE-C07-PHI-RNU-01	Participate in the proposed RAS to protect TL23006/TL23010/TL23002 San Luis Rey – San Onofre 230kV lines	Participate in the proposed RAS to protect TL23006/TL23010/TL23002 San Luis Rey – San Onofre 230kV lines	SDGE	C7 Phase I	PNU	Reliability	Operational		N/A	Jul-05	Jun-24					Placed in service 8/20/23
SDGE-C08-PHII-RNU-04	Participate in the proposed RAS to protect TL23003 & TL23011 Encina to San Luis Rey 230 kV lines (Proposed grouping RAS to protect Encina/Pen/San Luis Rey 230kV Lines)	Proposed RAS to Protect TL23003 Encina - San Luis Rey 230 kV line	SDGE	C8 Phase II	PNU											
SDGE-PRE-AMEND-RNU-01.2	Proposed RAS to Protect TL23011B Encina Tap - Encina 230 kV line	Proposed RAS to Protect TL23011B Encina Tap - Encina 230 kV line	SDGE		CANU-GR											
SDGE-C14-PHII-RNU-81	update relay settings for Q1532 - ECO 138 kV #1 line	update relay settings for Q1532 - ECO 138 kV #1 line	SDGE	C14 Phase II	GRNU	Deliverability	Design	Apr-25	N/A	2024	May-27	Removed				This Network Upgrade was removed in the 2024 Reassessment Report

ID	Network Upgrades	Description	PTO	Study	Type of Upgrade	Category	Status	Current Expected Const Consturction Start	Expected CPUC Permit Application	Trigger Year	Original Estimated In-service Date	Previous In-Service Jan 2026 TDF	Current In-Service July 2026 TDF (Current)	Agregate MW in Queue with Executed LGIA	Reason for ISD Change from Original Comitted Date	Delay Resolver	Notes
VEA-C6P2-EOP-R5	VEA Vista RAS	VEA Vista RAS: Install a new RAS to protect Jackass Flats - Mercury Switch 138 kV line under contingency conditions	VEA	C6 Phase II	RNU	Thermal	Cancelled	N/A	N/A	N/A	N/A	Completed					Project was replaced by upgrading the Jackass Flats - Mercury Switch 138kV line. This project is completed.
VEA-C8P2-VEA-R2	Innovation RAS	Install a new Innovation RAS	GLW	C8 Phase II	RNU					N/A	Sep-22	Completed		1,547			Project completed.
VEA-C9P2-EOP-R3	Innovation RAS (VEA-GLW portion)	New Innovation RAS (include Desert View RAS from QC8) to trip generation under N-1	GLW	C9 Phase II	RNU					N/A	Sep-22	Completed		1,547			Project completed.
VEA-C9P2-EOP-R4	Sloan Canyon RAS (fka Bob RAS - VEA-GLW portion)	New Sloan Canyon RAS to trip generation under N-1 and N-2	GLW	C9 Phase II	RNU					N/A	Sep-22	Completed		1,547			Project completed.
GLW-2021-EOP-L1	Trout Canyon - Sloan Canyon 230kV line upgrade	Trout Canyon - Sloan Canyon 230kV line upgrade	GLW	2021 Reassessment	LDNU		Inflight	26-Jul	N/A	N/A	TBD	Dec-27	Dec-27	N/A	No Change	N/A	BLM permit received, construction activities underway