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Transmission Development Forum

Generation Interconnection Project (GIP) Upgrades
and Transmission Planning Process (TPP)
Upgrade Status

January 29, 2025



Presentation Summary

- PG&E workbooks capturing Generator Interconnection Projects (GIP) and Transmission Planning Process (TPP) project statuses. The Excel Workbook contains projects that have been triggered by Interconnection Agreements while it may not show upgrades not yet triggered by an interconnection agreement.
- This presentation provides updates and the opportunity for discussion on the status of GIP and TPP projects that are highest priority to immediate generation interconnection. This is a technical discussion on the projects.
- PG&E requests that stakeholders save questions until the completion of each slide. Projects have been grouped to enable efficient and productive discussion.

Supply Chain Demand Strategy

- PG&E has initiated a purchase program for Long Lead Materials including transmission breakers and transformers to keep up with expected supply chain demand.
- This program, in conjunction with earlier posting of developer paid 3rd financial securities, will allow PG&E to get long-lead materials secured in supplier production cycles sooner and minimize schedule impacts to Interconnection Projects.
- PG&E has already initiated the ordering of a significant portion of the expected demand. The assignment of the pre-ordered equipment is on a first come and first ready basis. PG&E will do everything possible to ensure a fair and systematic approach to supplying these assets to projects as they sign Interconnection Agreements and demonstrate milestone readiness.
- Projects will remain responsible for the cost of the equipment.
- Interconnection Projects that have parked or have been suspended should not expect PG&E to pre-order their equipment.



PG&E Projects Status Summary

2023-2024 Transmission Plan Updates/In-Service

Project No.	Scope	Status	Planned * Const. Start	Previous TDF Report Dated	Planned ** In-Service	Comments
T.0007053	Manteca #1 60 kV Line Section Reconductoring Project	In-Service	12/9/2024	6/20/2025	12/23/2024	Q1-2025: In-Service. Project ISD improved due to schedule/construction adjustments and available funding to proceed in 2024 Q4.
T.0000614	Rio Oso 230/115 kV Transformer Upgrades	In-Flight	07/05/22	5/21/2025	05/21/25	Q1-2025: No date changes at this time. Bank 1 replaced under separate emergency replacement project on 12/4/24. Bank 3 still to be replaced on this project.

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PG&E Projects Status Summary

TPP Projects with Improvements

Project No.	Scope	Status	Planned * Const. Start	Previous TDF Report Dated	Planned ** In-Service	Comments
T.0009566	Cooley Landing 60 kV Substation Circuit Breaker No #62 Upgrade	In-Flight	03/24/25	12/18/26	04/22/25	Q1-2025: Project ISD improved due to improved material availability and scope reduction (not needed)
T.0004950	Gold Hill 230/115 kV Transformer Addition Project	In-Flight	08/16/27	04/12/30	06/22/29	Q1-2025: Project ISD improved due to improved material delivery date
T.0000220	Midway – Kern PP #2 230 kV Line	In flight	11/01/18	12/31/28	06/14/28	Q1-2025: Project ISD improved due to ISD recalibration in PG&E's work portfolio.
T.0004113	Midway-Temblor 115 kV Line Reconductor and Voltage Support	In flight	12/07/27	07/16/30	02/15/29	Q1-2025: Project ISD improved due to ISD recalibration in PG&E's work portfolio.
T.0004832	South of Mesa Upgrade	In flight	11/15/27	03/10/31	06/06/29	Q1-2025: Project ISD improved due to ISD recalibration in PG&E's work portfolio.
T.0002707	Kern PP 115 kV Area Reinforcement	In flight	01/08/27	12/31/30	08/10/29	Q1-2025: Project ISD improved due to ISD recalibration in PG&E's work portfolio.
T.0009633	North East Kern 115 kV Line Reconductoring	Initiating	05/24/29	12/31/32	08/20/29	Q1-2025: Project ISD improved due to ISD recalibration in PG&E's work portfolio. Project has not kicked off yet.
T.0009719	Ignacio Area Upgrade	In-Flight	07/20/27	06/26/29	02/10/28	Q1-2025: Project ISD improved due to prior PM scheduling incorrectly in P6.

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PG&E Projects Status Summary

TPP Projects with Improvements

Project No.	Scope	Status	Planned * Const. Start	Previous TDF Report Dated	Planned ** In-Service	Comments
T.0009603	Garberville Area Reinforcement	In-Flight	04/02/27	11/21/29	12/28/27	Q1-2025: Project ISD improved due to project development. PG&E has determined the project will require NOC. Removing the PTC from the schedule saved significant time.
T.0008749	Weber-Mormon Jct 60 kV Line Section Reconductoring Project	In-Flight	12/03/26	12/06/27	04/12/27	Q1-2025: Project ISD improved due to schedule/construction sequencing date adjustments
T.0009531	Cortina 230/115/60 kV Transformer Bank No. 1 Replacement Project	In-Flight	04/01/27	06/01/28	09/21/27	Q1-2025: Project ISD improved due to schedule/construction sequencing date adjustments
T.0000154	Estrella Substation Project	In flight	03/03/25	07/03/29	03/30/29	Q1-2025: Project ISD improved due to schedule/construction sequencing date adjustments
T.0009529	Atlantic 230/60 kV transformer voltage regulator	In-Flight	11/20/26	11/15/29	04/23/27	Q1-2025: Project ISD improved due to schedule/construction sequencing date adjustments.
T.0006962	Banta 60 kV Bus Voltage Conversion	In-Flight	10/28/24	03/30/28	12/10/27	Q1-2025: Project ISD improved due to schedule/construction sequencing date adjustments.
T.0000013	Red Bluff-Coleman 60 kV Reinforcement	In-Flight	07/22/26	08/27/29	03/28/29	Q1-2025: Project ISD improved due to Schedule/construction sequencing date adjustments.
T.0009013	Reconductor Delevan-Cortina 230kV line	In-Flight	08/13/27	08/16/28	02/01/28	Q1-2025: Project ISD improved due to matching available clearances.

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PG&E Projects Status Summary

TPP Projects with Improvements

Project No.	Scope	Status	Planned * Const. Start	Previous TDF Report Dated	Planned ** In-Service	Comments
N/A	Tie line Phasor Measurement Units	In-Flight	05/13/24	12/28/2028	12/01/27	Q1-2025: Project ISD improved due to scope reduction (site cancellations)

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PG&E Projects Status Summary

TPP Projects with Delays (3+ months)

Project No.	Scope	Status	Planned * Const. Start	Previous TDF Report Dated	Planned ** In-Service	Comments
T.0000946	Pittsburg 230/115 kV Transformer Capacity Increase	In-Flight	03/24/28	05/09/28	09/27/28	Q1-2025: Project ISD delayed due to long lead materials and schedule/construction sequencing date adjustments
T.0008048	Contra Costa PP 230 kV Line Terminals Reconfiguration Project	In-Flight	12/06/24	05/27/25	09/15/25	Q1-2025: Project ISD delayed due to schedule/construction sequencing date adjustments
T.0004421	Moraga-Castro Valley 230 kV Line Capacity Increase Project	In-Flight	08/21/24	11/24/24	05/05/25	Q1-2025: Project ISD delayed due to schedule/construction sequencing date adjustments
T.0000675	Monta Vista 230 kV Bus Upgrade	In-Flight	08/17/21	09/23/25	03/06/26	Q1-2025: Project ISD delayed due to schedule/construction sequencing date adjustments
T.0003202	Midway – Kern PP #2 230 kV Line (Bakersfield-Kern Reconductor)	In flight	04/27/26	05/28/30	09/30/30	Q1-2025: Project ISD delayed due to schedule/construction sequencing date adjustments
T.0009194	New Manning 500 kV substation	In-Flight	04/29/26	12/01/27	04/01/28	Q1-2025: Project ISD delayed due to schedule/construction sequencing date adjustments.
T.0009189	New Collinsville 500 kV substation	In-Flight	06/09/27	12/01/27	05/01/28	Q1-2025: Project ISD delayed due to schedule/construction sequencing date adjustments.
T.0003844	Vaca Dixon-Lakeville 230 kV Corridor Series Compensation	In Flight	04/22/26	07/17/26	11/18/26	Q1-2025: Project ISD delayed due to scope development

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PG&E Projects Status Summary

TPP Projects with Delays (6+ months)

Project No.	Scope	Status	Planned * Const. Start	Previous TDF Report Dated	Planned ** In-Service	Comments
T.0001129	Cottonwood 230/115 kV Transformers 1 and 4 Replacement Project	In-Flight	01/04/27	12/31/2027	10/20/28	Q1-2025: Bank 1 replaced under separate emergency project on 8/2/24. Bank 4 still to be replaced on this project. Project ISD delayed due to long lead materials and schedule/construction sequencing date adjustments
T.0009626	Santa Rosa 115 kV lines Reconductoring project	Initiating	09/23/31	10/31/29	05/21/32	Q1-2025: ISD recalibrated in PG&E's work portfolio. Project has not kicked off yet.
T.0009570	Ravenswood 230/115 kV transformer #1 Limiting Facility Upgrade	Initiating	12/08/27	12/22/26	06/13/28	Q1-2025: Project is no longer needed and will be canceled.
T.0004889	Coburn-Oil Fields 60 kV system project	In Flight	09/28/28	06/26/29	09/06/30	Q1-2025: Project ISD delayed due to delay in initiating the project and project development
T.0000157	Oro Loma 70 kV Area Reinforcement	In-Flight	09/15/27	01/29/27	08/28/28	Q1-2025: Project ISD delayed due to adjusting project schedule as a result of project being re-kicked off
T.0004116	Wilson 115 kV Area Reinforcement	In Flight	10/12/26	01/28/28	08/16/29	Q1-2025: Project ISD delayed due to adjusting project schedule as a result of project being re-kicked off
T.0004347	Herndon-Bullard 115 kV Reconductoring Project	In-Flight	07/01/26	12/31/26	12/31/27	Q1-2025: Project ISD delayed due to adjusting project schedule as a result of project coming out of deferral & PM assignment.
T.0008870	Coppermine 70 kV Reinforcement Project	Initiating	05/04/27	05/01/27	06/13/28	Q1-2025: Project ISD delayed due to adjusting project schedule as a result of project kickoff & PM assignment.

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PG&E Projects Status Summary

TPP Projects with Delays (6+ months)

Project No.	Scope	Status	Planned * Const. Start	Previous TDF Report Dated	Planned ** In-Service	Comments
T.0010635	Clear Lake 60 kV System Reinforcement	Initiating	09/10/30	07/01/29	10/07/30	Q1-2025: Project ISD delayed due to adjusting project schedule as a result of project kickoff & PM assignment.
T.0009536	Metcalf-Piercy & Swift and Newark-Dixon Landing 115 kV Upgrade	Initiating	10/12/27	03/01/27	05/12/28	Q1-2025: Project ISD delayed due to changes in project scope, awaiting Transmission planning and CAISO approval on updated scope.
T.0004728	East Marysville 115/60 kV Project	Initiating	06/17/27	01/17/28	02/02/33	Q1-2025: ISD recalibrated in PG&E's work portfolio. Project has not kicked off yet.
T.0008980	Metcalf 230 / 115 kV Transformers Circuit Breaker Addition	In-Flight	12/16/26	09/01/26	06/23/27	Q1-2025: Project ISD delayed due to long-lead materials delay
T.0009617	Los Banos 70 kV Area Reinforcement	Initiating	07/08/27	12/01/28	09/12/30	Q1-2025: Project ISD delayed due to dependency with Dos Amigos PP- Panoche 230 kV New SS (NU). This project has no procured land or ordered 230 kV breakers yet.
T.0009607	Tulucay-Napa #2 60 kV line Reconductoring project	In-Flight	06/15/27	12/01/26	07/23/27	Q1-2025: Project ISD delayed due to input error by PM. The schedule will be revised when Re-rate vs. Reconductor is determined. There could be no delay
T.0006022	Newark 230/115 kV Transformer Bank#7 Circuit Breaker Addition	Initiating	07/28/28	12/01/26	02/20/29	Q1-2025: Project ISD delayed due to long lead material delivery and delay in initiating project
T.0001129	Cottonwood 115 kV Bus Sectionalizing Breaker	In-Flight	12/30/26	1/25/2027	02/24/28	Q1-2025: Project ISD delayed due to long lead materials and schedule/construction sequencing date adjustments

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PG&E Projects Status Summary

TPP Projects with Delays (6+ months)

Project No.	Scope	Status	Planned * Const. Start	Previous TDF Report Dated	Planned ** In-Service	Comments
T.0009530	Table Mountain Second 500/230 kV Transformer	In-Flight	05/19/26	09/28/26	10/13/27	Q1-2025: Project ISD delayed due to long-lead materials delay
T.0000156	Wheeler Ridge Junction Substation	In-Flight	12/31/27	12/01/32	07/11/33	Q1-2025: Project ISD delayed due to schedule/construction sequencing date adjustments. In addition, working with key stakeholders in project scope confirmation.
T.0009639	South of San Mateo Capacity Increase	In-Flight	09/03/27	10/29/27	06/22/28	Q1-2025: Project ISD delayed due to RFP process & creation and execution of engineering contract, internal land delays to obtain L3 LiDAR data required for all three circuits
T.0009638	Redwood City 115kV System Reinforcement	Initiating	03/10/27	07/05/28	03/14/30	Q1-2025: Project ISD delayed due to RFP process & creation and execution of engineering contract, internal land delays to obtain L3 LiDAR data required for all three circuits.
T.0000651	Cascade 115/60 kV No.2 Transformer Project	In-Flight	07/09/19	6/13/2025	12/15/25	Q1-2025: Project ISD delayed due to schedule/construction sequencing date adjustments
T.0009571	South Bay Area Limiting Element Upgrade	In-Flight	06/01/24	05/01/25	04/10/26	Q1-2025: Project ISD delayed due to schedule/construction sequencing date adjustments.
T.0009561	Newark-Milpitas #1 115 kV Line Limiting Facility Upgrade	In-Flight	09/16/26	07/01/25	05/06/27	Q1-2025: Project ISD delayed due to scope addition at Milpitas sub

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PG&E Projects Status Summary

Network Upgrades In-Service since July 2024

Project No.	Scope	Status	Planned * Const. Start	Previous TDF Report Dated	Planned ** In-Service	Comments
21rsmt-SCD-23	El Cerrito G 115kV CB 112, 142, 132 Overstress Replace Overstressed Circuit Breakers	In-Service	01/12/24	05/07/25	12/16/24	In-Service
C12P1-NPT01	Gold Hill Substation 115 kV circuit breakers 142 and 172 overstress Replace Gold Hill Substation 115 kV circuit breakers 142 and 172 and associated switches/relays	In-Service	03/01/24	12/31/24	11/27/24	In-Service
C8P2-3	QC8RAS-08 RAS (Deliverability Triggered RNU) QC8RAS-08 RAS to trip Generation offline for outage AND overload of either Gates 500/230 kV Transformer Bank 11 or 12	In-Service		09/30/24	10/16/24	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	In-Service	10/22/24		11/22/24	In-Service

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PG&E Projects Status Summary Network Upgrades with Improvements

Project No.	Scope	Status	Planned * Const. Start	Previous TDF Report Dated	Planned ** In-Service	Comments
20rsmt-4	Metcalf 115kV breakers Overstress (almost all breakers), install bus reactors on 230kV banks due to existing space constraints on the 115kV Bus Install 4-3 ohm reactors at low side of Metcalf 115 kV 230kV Transformers	In-Flight	03/24/26	12/31/29	04/19/27	Q1-2025 - Scope approval planned 2/2025. Scope reduced to installing reactors. Long Lead times reduced Ordering 3/2025. Dependent on the Metcalf MPAC project with ISD of 4/19/27. Earlier ISD depends on MPAC construction phasing.
C11P2-NR01	Cottonwood Substation 230 kV circuit breakers 222, 232, 242 overstress Replace Cottonwood Substation 230 kV circuit breakers 222, 232, 242 and associated switches/relays	In-Flight	08/05/25	08/25/27	07/01/26	Q1-2025 - Schedule/construction sequencing date adjustments.
C12P1-GPT01	Ames Distribution 115 kV circuit breaker 132 overstress Replace Ames Distribution 115 kV circuit breaker 132	In-Flight	01/28/26	08/08/30	03/23/26	Q1-2025 - Construction sequencing adjustments. Project team is working to advance the schedule. ISD TBD.
C12P2-LDNU4 overlap	Manteca-Ripon-Riverbank-Melones Area 115 kV Line Reconductoring Project Reconductor 2.4 miles between Manteca and Ripon Jct and 1.8 miles between Riverbank SW STA and Valley Home Tap	In-Flight	04/18/28	02/02/29	10/09/27	Q1-2025 - Schedule/construction sequencing date adjustments.

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PG&E Projects Status Summary

Reliability Network Upgrades with Improvements

Project No.	Scope	Status	Planned * Const. Start	Previous TDF Report Dated	Planned ** In-Service	Comments
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	In-Flight	04/01/27	06/01/28	09/21/27	Q1-2025 - Project ISD improvements
C14P2-FPN07	Panoche 230 kV bus overstress above 40 kA design and circuit breakers 212, 232, 242 ,252, 262, 272, 282, 292, 302, 312, 332, 412 & 422 overstress	In-Flight		04/28/28	01/21/28	Q1-2025 - Recently triggered by Generation Agreements. Schedule/construction sequencing date adjustments.
20rsmt-7b	Tesla 500 kV circuit breakers 542 and 642 overstress Replace Tesla 500 kV circuit breakers 542 and 642 with 63 kA interrupting capability	In-Flight	09/16/24	08/05/25	03/31/25	Q1-2025 - Schedule/construction sequencing date adjustments.

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PG&E Projects Status Summary

Reliability Network Upgrades (+3 months)

Project No.	Scope	Status	Planned * Const. Start	Previous TDF Report Dated	Planned ** In-Service	Comments
C11P2-NP02, C11P2-NP01	Contra Costa PP 230 kV Line Terminals Reconfiguration Project Swap the Lone Tree line and Birds Landing Sw Sta. line between Sec 2D and Sec 2E and Move the Wind Master (Delta) line to section 2E. Replaces the need for: Contra Costa 230kV Bus Sections D, E and F and circuit breaker 820 overload Contra Costa 230kV SW's 601, 603 overload	In-Flight	12/06/24	05/22/25	09/09/25	Q1-2025 - Project ISD delayed due to schedule/clearance/construction adjustments
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 Manning – Tranquility 230 kV lines, and a new double circuit 230 kV line from Manning to Tranquility substation.	In-Flight	06/01/26	12/31/27	06/01/28	Q1-2025 - Schedule/construction sequencing date adjustments. See also TPP notes

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PG&E Projects Status Summary

Reliability Network Upgrades (+6 months)

Project No.	Scope	Status	Planned * Const. Start	Previous TDF Report Dated	Planned ** In-Service	Comments
20rsmt-5	Tesla 500 kV circuit breaker 612 overstress Replace Tesla Substation 500 kV CB 612 and associated switches/relays	In-Flight	10/01/25	10/31/25	06/08/26	Q1-2025 - Schedule/construction sequencing date adjustments. Project must follow 20rsmt-7b Tesla CB 542 and CB642 replacements (in construction)
20rsmt-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.	In-Flight	01/14/27	07/02/26	07/13/27	Q1-2025 - construction sequencing / dependency delays.
C12P1-NPT04	Vaca Dixon Substation 230 kV circuit breakers 442, 452 and 462 overstress Replace Vaca Dixon Substation 230 kV circuit breakers 442, 452 and 462 and associated switches/relays	In-Flight	03/01/27	11/05/26	05/28/27	Q1-2025 - Schedule/construction sequencing date adjustments pending. Engineering IFC delayed due to scope changes. Construction starts 2025. Pending 42 Week lead time on structural steel supporting Install of Spare breaker CB402 which allows expanded construction season.
POS-Q1922-NU1	Tesla MPAC New 230kV MPAC building relocates 230kV equipment from existing Control Building	In-Flight	12/03/25	06/09/26	01/11/28	Q1-2025 - Recently triggered by Generation Agreements.
C13P1-KPN02	Convert Midway Substation 230 kV Bus D to BAAH Convert Midway Substation 230 kV to BAAH in order to install bus reactors & RAS	In-Flight	02/17/28	01/21/28	08/22/30	Q1-2025 - construction sequencing. Mitigation will not be complete until last phase of the project.

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PG&E Projects Status Summary

Deliverability Network Upgrades (+3 months)

Project No.	Scope	Status	Planned * Const. Start	Previous TDF Report Dated	Planned ** In-Service	Comments
C11P2-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 ratings.	In-Flight	07/05/24	11/24/24	05/05/25	Q1-2025 - Schedule/construction sequencing date adjustments.
C12P2-LDNU1	Ripon-Manteca 115 kV Line 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)	In-Flight	03/08/27	10/31/27	04/25/28	Q1-2025 - Schedule/construction sequencing date adjustments.

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Deliverability Network Upgrades (+6 months)

Project No.	Scope	Status	Planned * Const. Start	Previous TDF Report Dated	Planned ** In-Service	Comments
22rsmt-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	In-Flight	09/21/29	12/01/28	03/04/30	Q1-2025 - Schedule/construction sequencing date adjustments. Project has not yet obtained sought after land acquisitions or started environmental planning. Scoping in progress.
C11P2-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 MVA/2000 A	In-Flight	10/07/25	03/20/25	05/01/26	Q1-2025 - Schedule/construction sequencing date adjustments due to predecessor dependencies. Project delayed due to clearances for preceding Queue project construction schedule.
C12P2-LDNU4	Stanislaus-Melones SW STA-Riverbank Jct Sw Sta 115 kV Line Reconductor Manning Stanislaus-Melones Sw Sta-Riverbank Jct Sw Sta 115 kV Line 7.53 miles section	In-Flight	10/27/28	07/21/28	01/19/29	Q1-2025 - Schedule/construction sequencing date adjustments.
C8P2-10	QC8RAS-02 SPS (Deliverability Triggered RNU) QC8SPS-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 Pit #3-Carberry SS 230 kV Lines.	In-Flight	08/20/26	10/10/25	03/18/27	Q1-2025 - Schedule/construction sequencing date adjustments. Dependency on Midway 230kV Building
C14P2-NFT04	Borden-Storey 230 kV 1 and 2 Line Reconductoring Story the Borden – Storey section(s) of the Wilson – Storey #1 and #2 230 kV lines	Initiating	11/06/28	05/01/29	04/12/30	Q1-2025 - Project recently triggered by Generation Contracts. Project re-kicked off. Long lead material orders in Q3 2025.

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Deliverability Network Upgrades (+6 months)

Project No.	Scope	Status	Planned * Const. Start	Previous TDF Report Dated	Planned ** In-Service	Comments
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.	In-Flight	10/12/26	01/28/28	08/16/29	Q1-2025 - Recently triggered by Generation Agreement. See also TPP
C13P1-FPT03	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 Santa 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.	In-Flight	09/15/27	01/29/27	08/28/28	Q1-2025 - Recently triggered by Generation Agreement. See also TPP
<p>* Construction start is dependent on design strategy, CPUC permitting, obtaining necessary land / aerial rights, clearance sequence, obtaining necessary construction easements, and access to structures</p> <p>** In-Service Date is subject to change through the design process as more information becomes available.</p>						