

SCE Quarterly Infrastructure Projects Licensing Update

March 18, 2025

Summary of Projects

Forecasted CPCN and PTC Applications

North of SONGS-Serrano 500 kV line
Del Amo-Mesa-Serrano 500 kV Upgrade Project
Kramer-Victor 115 kV to 230 kV Rebuild Project
Timepiece 115/33 kV Substation Project
Off Road 115/12 kV Substation Project
Rector-Riverway No. 2 66 kV Subtransmission Project

Upcoming Advice Letters

Del Valle 66/ 16 kV Substation Project
Commerce Energy Project
Corum-Goldtown 66 kV Relocation Project
Pier S Energy Storage Project
Deer Creek Solar Project
So. Cal Gas Retention Substation Project
Calcite 220 kV Substation Project
West Los Angeles Veteran's Affair Campus Master Plan Project
Brightline West Project

Summary of Projects (Continued)

Licensing Projects

- Alberhill System Project
- TLRR Ivanpah-Control 115 kV Project
- TLRR Control- Silver Peak 55 kV Project
- TLRR Gorman- Kern River 66 kV Project
- Cal City Substation 115 kV Upgrade Project
- TLRR Eldorado-Pisgah-Lugo 220 kV Project
- TLRR Eagle Mountain- Blythe 161 kV Project

Forecasted CPCN, PTC Applications and Advice Letters

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Forecasted CPCN or PTC Applications

| Project | TPP | Permit Type* | Filing Date* | Original In-Service Date* | Current In-Service Date |
|--|------|--------------|--------------|---------------------------|-------------------------|
| North of SONGS- Serrano 500 kV line | 2023 | TBD* | Q4 2025 | 2034 | 2034 |
| "Del Amo"-Mesa-Serrano 500 kV Upgrade Project (SP-157) | 2023 | TBD* | Q1 2027 | Q4 2033 | Q4 2033 |
| Kramer-Victor 115 kV to 230 kV Rebuild Project (SP-165) | 2023 | TBD* | Q1/ Q2 2027 | Q4 2033 | Q4 2033 |
| Timepiece 115/33 kV Substation Project | N/A | PTC^ | Q1 2027^ | Q2 2030 | Q2 2030 |
| Off Road Substation Project | N/A | PTC^ | Q3 2026^ | Q2 2032 | Q2 2032 |
| Rector-Riverway No. 2 66 kV Subtransmission Project | N/A | PTC^ | TBD | Q2 2029 | Q2 2029 |

*All permitting types and dates are estimates and subject to change

^Application filing date is estimated but may not be required if project is eligible to submit an advice letter

Forecasted Advice Letters

| Project | Anticipated Advice Letter Submittal Date* |
|--|---|
| Del Valle 66/16 kV Substation Project | March 17, 2025 |
| Commerce Energy Project | Q2 2025 |
| Corum-Goldtown 66 kV Relocation Project | Q2/Q3 2025 |
| Pier S Energy Storage Project | Q2/Q3 2025 |
| Deer Creek Solar Project | Q3 2025 |
| So. Cal Gas Retention Project | Q3 2025 |
| Calcite 220 kV Substation Project (SP-01) | Q3 2025 |
| West Los Angeles VA Campus Master Plan Project | Q3/Q4 2025 |
| Brightline West Project (SP-162) | 2025 |

**All permitting types and dates are estimates and subject to change*

Projects in Development

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CPCN and PTC Applications in Development

- **Del Amo-Mesa-Serrano ("Del Amo") 500 kV Upgrade Project**
 - 2022-2023 CAISO TPP- approved Policy Driven Project requiring transmission upgrades to address on-peak deliverability constraints. Work scope involves construction of 500/220/66/12 kV substation and approximately 41 miles of 500 kV transmission line in the LA Basin. The anticipated operating date is 2033 and the anticipated filing date is Q1 2027.
- **Kramer-Victor 115 kV to 230 kV Rebuild Project**
 - 2022-2023 CAISO TPP- approved project to upgrade the existing 115 kV to 230 kV to address voltage instability issues and improve the deliverability of resources in the North of Lugo area. The proposed project is located in San Bernardino County on unincorporated land near the communities of Adelanto, Hesperia, Oak Hills, and Victorville. Anticipated operating date is 2033 and the anticipated filing date is Q1/ Q2 2027.
- **Timepiece 115/33 kV Substation Project**
 - Construct a new 115/ 33 kV substation and two (2) new 115 kV subtransmission lines and telecommunication fiber lines (length to be determined) to serve forecasted load. The project is located in the Town of Apple Valley, San Bernardino County. Need date is June 1, 2030, and the anticipated PTC filing is Q1 2027.
- **Off Road 115/12 kV Substation Project***
 - Construct a new 115/ 12 kV substation and approximately 15 miles of new 115 kV conductor to serve a new housing development in the southern portion of the City of Hesperia, San Bernardino County. The anticipated operating date is 2032 and the anticipated filing date is Q3 2026.
- **Rector-Riverway No. 2 66 kV Subtransmission Project***
 - Install approximately 14 miles of new 66 kV line including substation related equipment to terminate the line at each end, to address a thermal overload condition during N-1 conditions in Tulare County. Project was previously presented to Energy Division as a potential PTC exemption for construction within existing ROW. The anticipated operating date is June 2029 and the PTC filing date to be determined.

Exempt Projects

- **Del Valle 66 kV Substation Project.**

- Del Valle 66 kV Project is needed to support growth in the electrical needs area near Santa Clarita area of Los Angeles County. The project scope includes construction of a new 66/16 kV substation, 66 kV subtransmission line rebuild and reconductor, and telecommunications. The operation date is forecasted for April 13, 2029. SCE filed an Advice Letter pursuant to a CEQA consistency determination letter that was received from the County of Los Angeles on March 17, 2025.

- **Commerce Energy Project**

- Construct an overhead 0.4 mile 220 kV generation tie line (gen-tie) from the existing SCE Laguna Bell Substation to a newly installed pole riser located adjacent to the substation. Construction of the pole riser will require the relocation and undergrounding of approximately 800 linear feet of two existing overhead 66 kV subtransmission lines, approximately 400 feet of two 16 kV distribution lines and approximately 400 linear feet of telecommunication lines. SCE anticipates filing an Advice Letter in Q2 2025.

- **Corum-Goldtown 66 kV Relocation Project**

- Construct two 500 kV gen-tie lines from interconnection customer's point of change of ownership (POCO) structure to existing SCE Windhub Substation. Relocate approximately one mile of existing 66 kV subtransmission line from the interior of the customer's project site to the perimeter of the Windhub Substation. SCE anticipates filing an Advice Letter in Q2/Q3 2025.

Exempt Projects (continued)

- **Pier S Energy Storage Project**

- Construction of an approximately 450-foot 66 kV overhead gen-tie line from existing SCE Long Beach 66 kV Substation to customer-built Pier S Battery Energy Storage System Project within the Port of Long Beach. The Pier S Battery Energy Storage System Project is a 70 MW battery energy storage system (BESS). Construction includes demolition of existing concrete intake pipes and installation of telecommunication facilities. SCE anticipates filing an Advice Letter in Q2/Q3 2025.

- **Deer Creek Solar Project**

- Construct the new Rhonda 66 kV Substation and 66kV tap line from the existing Poplar-Terra Bella line to interconnect with the Deer Creek Solar and Storage Project in Tulare County. Construction includes a new approximately 260ft tap line from the existing Poplar-Terra 66kV line to Rhonda Station and the construction of distribution and telecommunication facilities. SCE anticipates filing an Advice Letter in Q3.

- **So Cal. Gas Retention Substation Project**

- Construct a new 66 kV subtransmission gen-tie to connect 19.5 MVA at So Cal Gas' Honor Rancho Modernization Project to the new Retention Substation, located in Santa Clarita, CA. The Saugus-Haskell-Lockheed 66kV subtransmission line would loop into the new customer-dedicated, SCE-owned Retention 66/12kV Substation facility. SCE anticipates filing an Advice Letter in Q2 2025.

Exempt Projects (continued)

- **Calcite 220 kV Substation Project**

- Construct new SCE Calcite 220 kV Substation and 220 kV generation tie line (gen-tie) to connect to Advantus Sienna Solar and Storage Project in San Bernardino County. Construction includes looping-in approximately 5,000 feet of existing Lugo-Pisgah No. 1 220 kV transmission line into the Calcite Substation, and construction of distribution and telecommunication facilities. Awaiting issuance of final recirculated EIR by San Bernardino County. SCE anticipates filing an Advice Letter in Q3 2025.

- **West Los Angeles VA Campus Master Plan Project**

- Construct customer dedicated 66 kV Infirmary Substation to provide 28 MVA redundancy in support of the Veteran's Affairs Administration's Hospital Campus expansion. SCE anticipates filing an Advice Letter in Q3/Q4 2025.

- **Brightline West (formerly Xpress West) Project (Federal Preemption)**

- Installation of three new 115 kV substations and new 115 kV subtransmission lines to support the proposed Las Vegas to Victorville high speed railway project. New substations will be located near Hesperia, Barstow, and Ivanpah, CA. New subtransmission lines will be necessary to serve the three new substations. SCE anticipates filing an Advice Letter following completion of updated federal review, which is expected to occur in 2025.

Projects in Licensing Phase

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Projects in Licensing Phase

- **Alberhill System Project (A. 09-09-022) CPCN**
 - Construct a new Alberhill 500/115 kV Substation, two new 500 kV transmission line (T/L) segments to connect substation to existing Serrano-Valley 500 kV T/L, new 115 kV subtransmission line, and telecommunication facilities to address capacity, reliability, and resiliency needs in the Valley South System located in Riverside County. CAISO approved the Alberhill Substation Project in 2009. Current forecast reflects capacity deficit in 2024 and anticipated operating date is Q4 2029.
- **TLRR Ivanpah- Control Project (A. 19-07-015) PTC**
 - Remediate 262 miles of existing 115 kV subtransmission line for consistency with GO 95 and North American Electric Reliability Corporation (NERC) Facility Rating standards. Project scope includes a full rebuild of existing structures in Segments 1 and 2 and reconductor and replacement of some structures in Segments 3N and 3S. Project extends from Control Substation in Mono County south to Kramer Substation and east past the City of Barstow, in San Bernardino County. Need date is December 31, 2025, and the anticipated operating date is August 2030.
- **TLRR Control- Silver Peak Project (A. 21-08-009) PTC**
 - Remediate 60 miles of existing 55 kV subtransmission line for consistency with GO 95 and NERC Facility Rating standards. Project scope includes replacing the two existing single-circuited poles lines with one double-circuited pole line. Project extends from Control Substation in Mono County east to Fish Lake Metering Station in Nevada. Need date is December 31, 2025, and the anticipated operating date is March 2031.
- **TLRR Gorman-Kern River Project (A.22-02-014) PTC**
 - Remediate 65 miles of existing 66 kV lines to comply with GO 95 and NERC Facility Rating standards and address reliability concerns. Project scope includes rebuilding the Banducci-Kern River 1 and Gorman- Kern River 1 66 kV lines as the new three-point Banducci- Gorman- Kern River 1 66 kV line. Project extends from Kern River Hydroelectric Substation northeast in Bakersfield to Gorman Substation east of the community of Gorman with a branch extending east of the Banducci Substation near the City of Tehachapi. Need date is December 31, 2030, and the anticipated operating date is July 2029.

Projects in Licensing Phase (Cont.)

- **Cal City Substation 115 kV Upgrade Project (A. 23-03-005)**
 - Construct new subtransmission lines, underground getaways, telecommunications, and upgrade transformers to address forecasted need and provide Edwards 115/33kV Substation with a second source line for reliability and operational flexibility. The Proposed Project extends from the existing Cal City 33/12 kV Substation in California City, northeast bordering Kern County, east towards Highway 395, south to 220/115 kV Kramer Substation in San Bernardino County and EAFB. Project extends from Edwards Substation in EAFB, northeast in Kern County, and branches off east to Holgate Switchyard. The need date is June 2023 and anticipated operating date is December 2029.
- **TLRR Eldorado-Pisgah-Lugo (EPL) Project (A.23-04-009)**
 - Remediate approximately 350 circuit miles of existing 220 kV lines (two approx. 175-mile-long circuits) to comply with GO 95 and NERC Facility Rating standards. Project scope includes reconductoring approximately 121 linear miles of 220 kV transmission line, modifying 79 structures, and installing 12 interset structures. Project extends from Lugo Substation in Hesperia/San Bernardino County east to Eldorado Substation in Clark County/Nevada. Need date is December 31, 2025, and the anticipated operating date is Q4 2028.
- **TLRR Eagle Mountain- Blythe Project (A. 24-07-021)**
 - Remediate 53 circuit miles of existing 161 kV lines to comply with GO 95 and NERC Facility Rating standards. Project scope includes reconductoring approximately 53 linear miles of transmission line and replacing 53 structures with 44 new structures. The project extends from Eagle Mountain east to the City of Blythe, in Riverside County. Need date is December 31, 2025, and the anticipated operating date is Q1 2027.