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Energy for What's Ahead®

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Member, Studies Subcommittee
February 20, 2026

To: Studies Subcommittee (StS), Doug Tucker, and Eepsita Priye (StS Chair)
Subject: SCE's 2026 Annual Progress Report

In accordance with the WECC Progress Report Policies and Procedures, Tables 1 and 2 identify Southern California Edison's (SCE) transmission and generation projects, respectively. These tables are provided to: (1) ensure comprehensive reporting of all generation, transmission, and related facilities that may have a significant impact on the reliability of the WECC interconnected electric system; and (2) inform neighboring systems in a timely manner of new facility additions and their potential operational effects.

Table 1 also lists the planned SCE transmission projects for which a waiver of "Significant Impact" status is being requested. These projects are designed to serve local load, enhance or maintain local reliability, and/or reduce local capacity requirements. They are not expected to have a significant impact on the operation of the Western Interconnection system.

Please contact me if you have any questions.

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Table 1: Transmission Projects			
#	Transmission Projects	Expected In-Service Date	Waiver Status
1	**Antelope – Whirlwind 500 kV Line Upgrade** Description: Increase the existing Antelope – Whirlwind 500 kV line rating by fixing the ground clearance for nine towers.	January 2026	Requesting
2	**Eldorado-Lugo-Mohave Series Capacitors Upgrade** Description: Upgrade series capacitors on the Lugo – Mohave 500 kV transmission line from 35% to 70% compensation and the Eldorado – Lugo 500 kV transmission line from 35% to 65% compensation.	June 2026	Requesting
3	**Coolwater 220/115 kV Transformer Project** Description: Add a Coolwater 220/115 280 MVA transformer bank.	December 2026	Requesting
4	**Inyo 220 kV Shunt Reactor** Description: Install a new 25 MVAR shunt reactor at Inyo 220 kV substation.	December 2026	Requesting
5	**Mira Loma – Mesa 500 kV Underground Third Cable** Description: Add third set of 5000 kcmil cable to underground section to increase the rating of the most limiting section of the existing Mira Loma – Mesa 500 kV line.	December 2026	Requesting
6	**Lugo – Victorville Transmission Line Upgrade** Description: Increase rating of LADWP and SCE jointly owned line by upgrading terminal equipment at both substations and removing ground clearance limitations.	March 2027	Granted
7	**Devers 220 kV Reconfiguration Project** Description: Modify the Devers substation bus configuration by changing the Devers – Mirage No. 1 and No. 2 220 kV line positions.	April 2027	Requesting
8	**Colorado River – Red Bluff 500 kV No. 1 Line Upgrade** Description: Increase the existing Colorado River – Red Bluff 500 kV No.1 line by fixing ground clearance.	April 2027	Requesting
9	**Victor 220 kV Switchrack Reconfiguration** Description: Convert the existing Victor 220 kV bus from a double breaker double bus scheme to a breaker-and-a-half configuration.	June 2027	Requesting

#	Transmission Projects Continued	Expected In-Service Date	Waiver Status
10	**Etiwanda – Vista 220 kV Line Upgrade** Description: Increase the existing Etiwanda – Vista 220 kV line by fixing ground clearance and replacing the limiting terminal equipment.	June 2027	Requesting
11	**Barre 220 kV Switchrack Conversion to Breaker-and-a-Half** Description: Convert Barre 220 kV switchrack to a breaker-and-a-half configuration, add sectionalizing circuit breakers to split the bus, and relocate 220 kV lines, towers, and other facilities within the substation.	December 2027	Requesting
12	**Sylmar Bank F Upgrade** Description: Replace the existing 220 kV three-phase transformer bank F, its associated protection, four disconnect switches, twelve surge arresters, and associated equipment based on a 1,290 MVA normal and 1,610 MVA emergency rating.	January 2028	Not Requested
13	**Calcite 220 kV Substation** Description: Construct new Calcite 220 kV switching station to interconnect renewable generation projects. Loop-in the existing Lugo – Pisgah 220 kV No. 1 transmission line.	June 2028	Requesting
14	**Devers – Valley 500 kV No. 1 Line Upgrade** Description: Increase the existing Devers-Valley 500 kV No.1 line by fixing ground clearance and replacing the limited terminal equipment.	December 2028	Requesting
15	**Mira Loma 500 kV Circuit Breaker Upgrade** Description: Circuit breaker replacement at Mira Loma 500 kV substation to address short circuit duty concerns.	December 2028	Requesting
16	**Pardee – Sylmar 220 kV No. 1 and No. 2 Line Upgrade** Description: Upgrading terminal equipment at both ends of the Pardee – Sylmar 220 kV No.1 and No.2 lines to match rating of the conductor.	June 2029	Requesting
17	**Tortilla 115 kV Capacitor Replacement** Description: Replace existing two (2) 14.4 MVAR capacitors with two (2) 28.8 MVAR capacitors.	June 2029	Requesting
18	**Wildlife 220 kV Substation** Description: New 220 kV substation in Riverside County.	October 2029	Requesting
19	**Alberhill 500/115 kV Substation** Description: Develop a new 500/115 kV substation by looping in SCE's existing Serrano – Valley 500 kV line.	December 2029	Requesting

#	Transmission Projects Continued	Expected In-Service Date	Waiver Status
20	**Eldorado 220 kV Short Circuit Duty Mitigation Project** Description: Split of the Eldorado jointly owned 220 kV bus and transmission line reconfiguration for the purpose of lowering short circuit duty to within acceptable levels.	December 2029	Requesting
21	**Julian Hinds-Mirage 220 kV Advanced Reconductor** Description: Reconductor 47 miles of existing line with high temperature low sag advanced conductor. Upgrade select towers to support new conductor. Modify existing Blythe RAS, as required.	April 2030	Requesting
22	**Devers – Red Bluff 500 kV No. 1 and No. 2 Line Upgrade** Description: Increase the existing Devers – Red Bluff 500 kV No.1 and No.2 lines by fixing ground clearance and replacing the limiting terminal equipment.	December 2030	Requesting
23	**Serrano-Alberhill-Valley 500 kV Line Upgrade** Description: Increase the existing Serrano – Valley (future Serrano-Alberhill-Valley) 500 kV line by replacing the limiting terminal equipment.	August 2031	Requesting
24	**Etiwanda – San Bernardino 220 kV Line Upgrade** Description: Re-conductor Etiwanda – San Bernardino 220 kV line and replace line positions at Etiwanda and San Bernardino substations.	December 2031	Requesting
25	**San Bernardino – Vista 220 kV Line Upgrade** Description: Re-conductor San Bernardino-Vista 220 kV line and replace line positions at San Bernardino and Vista substations.	December 2031	Requesting
26	**Alamitos 220 kV SCD Upgrade** Description: Replace six (6) CBs at Alamitos A and B 220 kV to 63 kA.	June 2032	Requesting
27	**Lugo-Victor-Kramer 220 kV Upgrade** Description: Add third Lugo 500/220 kV transformer. (6/2029). Reconductor Lugo – Victor 220 kV No. 1, 2, 3 and 4 lines (12/2028). Rebuild/build Kramer–Victor 115 kV lines to 220 kV and loop the old segment of Kramer–Victor 115 kV into Roadway (9/2032)	September 2032	Requesting

#	Transmission Projects Continued	Expected In-Service Date	Waiver Status
28	**Serrano 4AA 500/220 kV Transformer and 220 kV GIS Rebuild** Description: Rebuild 220 kV GIS to 80 kA capability with option to sectionalize in the future and add a new fourth 500/220 kV transformer bank at Serrano substation.	May 2033	Requesting
29	**Serrano 500 kV SCD Mitigation** Description: A fourth 500/220 kV AA transformer, 220 kV GIS rebuild to 80 kA capability, and two new 500 kV transmission lines into the Serrano substation. Replace 500 kV GIS bus positions 1 through 3 with 63 kA-rated equivalent equipment.	August 2033	Requesting
30	**Serrano 220 kV SCD GIS Bus Split** Description: A fourth 500/220 kV AA transformer, 220 kV GIS rebuild to 80 kA capability, and two new 500 kV transmission lines into the Serrano substation. Sectionalize 220 kV GIS bus.	October 2033	Requesting
31	**Kramer-Coolwater 115 kV Line Looping into Tortilla 115 kV Substation** Description: Build 11.5 miles of double circuit 115 kV lines and terminate both lines at Tortilla 115 kV substation.	June 2034	Requesting
32	**Del Amo-Mesa-Serrano 500 kV Transmission Reinforcement** Description: New Del Amo 500 kV switchyard with three 500/220 kV transformers, loop Alamitos – Barre 220 kV No.1 and No.2 lines into Del Amo substation, utilize existing conductor on the Mesa – Mira Loma 500 kV line and construct new 500 kV transmission line facilities resulting in the new Del Amo – Mesa and Del Amo – Serrano 500 kV transmission lines.	January 2035	Requesting

Table 2: Generation Projects		
#	Generation Projects	Expected In-Service Date
1	**Bellefield Solar Farm (Q1510)** Description: 500 MW hybrid PV and BESS generating facility. POI: 220 kV Windhub Substation	In-Service
2	**Commerce Energy Storage (Q1611)** Description: 250 MW BESS located in Commerce, CA. Shared gen-tie with Commerce Energy Storage 1, 2, and 3. POI: 220 kV Laguna Bell Substation	In-Service
3	**Lockhart Solar, Lockhart Solar 2, & SEGS Expansion Hybrid 2 (0043CONV/Q1617/Q1775)** Description: 330 MW hybrid PV and BESS generation facility. It will share the existing Kramer – LSP 220 kV gen-tie line. POI: 220 kV Kramer Substation	In-Service
4	**Baldy Mesa Solar 2 (Q1519)** Description: 125 MW (50 MW hybrid PV and 75 MW BESS) project split into two phases. This project shares a POI MW with Baldy Mesa 1 (200 MW). POI: 115 kV Roadway Substation	In-Service
5	**Daggett Solar 1 (Q1312)** Description: 144 MW hybrid PV and BESS generation plant located in Daggett, CA. POI: 115 kV Coolwater Substation	In-Service
6	**Willow Spring 3 (Q1076)** Description: 50 MW BESS located in Rosamond, CA. POI: 220 kV Whirlwind Substation	In-Service
7	**Willow Spring 4 (Q1217)** Description: 75 MW BESS located in Rosamond, CA. POI: 220 kV Whirlwind Substation	In-Service
8	**Camino Solar (Q1419)** Description: 54.28 MW hybrid PV and BESS located in Rosamond, CA. POI: 220 kV Whirlwind Substation	In-Service
9	**Oberon (Q1642)** Description: 500 MW hybrid PV and BESS generation facility. Dedicated 500 kV gen-tie line. POI: 500 kV Red Bluff Substation	March 2026

#	Generation Projects Continued	Expected In-Service Date
10	**Angeleno (Q1625)** Description: 1,100 MW hybrid PV and BESS generating facility. Dedicated 500 kV gen-tie line. POI: 500 kV Vincent Substation	April 2026
11	**Aratina Solar Center 2 (Q1604)** Description: 200 MW hybrid PV and BESS generation plant located in Boron, CA. It will share a gen-tie with Aratina Solar Center 1. POI: 220 kV Kramer Substation	May 2026
12	**Pastoria Solar (Q1335)** Description: 105.2 MW hybrid PV and BESS located in Lebec, CA. POI: 220 kV Pastoria Substation	May 2026
13	**Aratina Solar Center (Q1204)** Description: 200 MW hybrid PV and BESS generating facility. POI: 220 kV Kramer Substation	June 2026
14	**Commerce Energy Storage 2 (Q1677)** Description: 250 MW BESS located in Commerce, CA. Shared gen-tie with Commerce Energy Storage 1, 2, and 3. POI: 220 kV Laguna Bell Substation	July 2026
15	**Centennial Flats (Q1529)** Description: 500 MW hybrid PV and BESS generating facility. Dedicated 500 kV gen-tie line. POI: 500 kV Cielo Azul Substation	August 2026
16	**Solar Star 3 (Q1322)** Description: 24 MW hybrid PV and BESS located in Rosamond, CA. POI: 220 kV Whirlwind Substation	October 2026
17	**Solar Star 4 (Q1323)** Description: 24 MW hybrid PV and BESS located in Rosamond, CA. POI: 220 kV Whirlwind Substation	October 2026
18	**Athos Power Plant (Q1405)** Description: 450 MW hybrid PV and BESS generating facility. Dedicated 220 kV gen-tie line. POI: 220 kV Red Bluff Substation	November 2026
19	**Sanborn Hybrid 3 (Q1632)** Description: 1400 MW hybrid PV and BESS generating facility. Dedicated 500kV gen-tie line. POI: 500 kV Windhub Substation	November 2026

#	Generation Projects Continued	Expected In-Service Date
20	**Atlas Solar (Q1402)** Description: 3,200 MW hybrid PV and BESS generating facility. POI: 500 kV Cielo Azul substation	December 2026
21	**Golden Field Solar (Q1212)** Description: 92 MW hybrid PV and BESS located in Rosamond, CA. POI: 220 kV Whirlwind Substation	December 2026
22	**Marici (Q2116)** Description: 400 MW BESS located in City of Industry, CA. Dedicated 220 kV gen-tie line. POI: 220 kV Walnut Substation	December 2026
23	**Gabriel Storage (Q2113)** Description: 400 MW BESS located in Irwindale, CA. Dedicated 220 kV gen-tie line. POI: 220 kV Rio Hondo Substation	December 2026
24	**Sanborn 5 Hybrid (Q1791)** Description: 600 MW DC-coupled hybrid PV and BESS generating facility. Dedicated 220 kV gen-tie line. POI: 220 kV Windhub Substation	March 2027
25	**Grace Energy Center (Q1761)** Description: 500 MW hybrid PV and BESS generating facility. Dedicated 220 kV gen-tie line. POI: 220 kV Colorado River Substation	March 2027
26	**Bellefield 2 Solar Farm (Q1631)** Description: 500 MW hybrid PV and BESS generating facility. POI: 220 kV Windhub Substation	April 2027
27	**Avocet (Q1608)** Description: 200 MW BESS generating facility. Dedicated 220 kV gen-tie line. POI: 220 kV Hinson Substation	May 2027
28	**Overnight Solar (Q1774)** Description: 150 MW hybrid PV and BESS generation plant located in Hinkley, CA. It will share a gen-tie with the Mojave Solar project. POI: 220 kV Sandlot Substation	May 2027
29	**Rexford 2 Solar Farm (Q1789)** Description: 200 MW hybrid PV and BESS located in, CA. POI: 220 kV Vestal Substation	May 2027

#	Generation Projects Continued	Expected In-Service Date
30	**Antelope Solar 2 (Q1208)** Description: 650 MW hybrid PV and BESS generating facility. POI: 220 kV Antelope Substation	June 2027
31	**Delamar Energy Storage (Q1796)** Description: 250 MW BESS located in Boulder City, NV. POI: 220 kV Eldorado Substation	June 2027
32	**Roadhouse (Q1768)** Description: 300 MW BESS located in Commerce, CA. Dedicated 220 kV gen-tie line. POI: 220 kV Mira Loma 'A' Substation	July 2027
33	**Easley (Q2042)** Description: 650 MW hybrid PV and BESS generating facility. It will share the existing Oberon – Red Bluff 500 kV gen-tie line. POI: 500 kV Red Bluff Substation	August 2027
34	**Kestrel (Q1615)** Description: 200 MW BESS generating facility. Dedicated 220 kV gen-tie line. POI: 220 kV Walnut Substation	November 2027
35	**Humidor Storage (Q1629)** Description: 300 MW BESS generating facility. Dedicated 500 kV gen-tie line. POI: 500 kV Vincent Substation	April 2028
36	**Dirac (Q2114)** Description: 400 MW BESS located in Chino, CA. Dedicated 220 kV gen-tie line. POI: 220 kV Chino Substation	April 2028
37	**Shoals Energy Storage (Q1783)** Description: 400 MW BESS located in Ventura, CA. Dedicated 220 kV gen-tie line. POI: 220 kV Santa Clara Substation	May 2028
38	**Sienna Solar Farm (Q1207)** Description: 200 MW PV generating facility. The Calcite – Sienna 220 kV gen-tie line will terminate in a new 220 kV position at Calcite substation. POI: 220 kV Calcite Substation	June 2028
39	**Arida Solar Farm (Q1522)** Description: 370 MW Hybrid PV and BESS located Laughlin, NV. POI: 500 kV Mohave Substation	June 2028

#	Generation Projects Continued	Expected In-Service Date
40	**Arida 2 Solar Farm aka Angora Farm (Q1647)** Description: 700 MW Hybrid PV and BESS located Laughlin, NV. POI: 500 kV Mohave Substation	August 2028
41	**Cobalt (Q1757)** Description: 250 MW hybrid PV and BESS generating facility. Dedicated 220kV gen-tie line. POI: 220 kV Colorado River Substation	October 2028
42	**Goldback Solar Center (Q1619)** Description: 500 MW BESS generating facility. Dedicated 220 kV gen-tie line. POI: 220 kV Moorpark Substation	December 2028
43	**Sagebrush Energy Storage (Q2060)** Description: 500 MW BESS located in Rosamond, CA. POI: 220 kV Vincent Substation	May 2029
44	**Mineral King Solar (Q2081)** Description: 200 MW hybrid PV and BESS located in Visalia, CA. POI: 220 kV Rector Substation	July 2029
45	**Twin Palms Solar (Q2048)** Description: 280 MW hybrid PV and BESS located in Blythe, CA. POI: 220 kV Colorado River Substation	February 2030
46	**Lycan Solar (Q1643)** Description: 400 MW hybrid PV and BESS generating facility. Dedicated 500 kV gen-tie line. POI: 500 kV Red Bluff Substation	April 2030
47	**Double Butte (Q1646)** Description: 500 MW BESS located in Menifee, CA. POI: 500 kV Valley Substation	April 2030
48	**Los Nietos (Q2129)** Description: 100 MW BESS located in Santa Ana, CA. Dedicated 220 kV gen-tie line. POI: 220 kV Johanna Substation	June 2030
49	**Tyrell Energy Storage (Q2125)** Description: 300 MW BESS located in City of Lake Forest, CA. Dedicated 220 kV gen-tie line. POI: 220 kV Viejo Substation	July 2030

#	Generation Projects Continued	Expected In-Service Date
50	**Arida 3 Solar Farm (Q1795)** Description: 450 MW Hybrid PV and BESS located Laughlin, NV. POI: 500 kV Mohave Substation	July 2030
51	**Electron (Q2082)** Description: 300 MW BESS located in Lancaster, CA. POI: 220 kV Antelope Substation	July 2030
52	**Trolley (Q2032)** Description: 400 MW BESS located in Ontario, CA. POI: 220 kV Etiwanda Substation	November 2030
53	**Commerce Energy Storage 3 (Q2139)** Description: 250 MW BESS located in Commerce, CA. Shared gen-tie with Commerce Energy Storage 1, 2, and 3. POI: 220 kV Laguna Bell Substation	December 2030
54	**Haven Storage (Q2136)** Description: 300 MW BESS located in Irwindale, CA. Dedicated 220 kV gen-tie line. POI: 220 kV Rio Hondo Substation	December 2030
55	**Juniper Storage (Q2061)** Description: 150 MW hybrid PV and BESS located in Littlerock, CA. POI: 220 kV Vincent Substation	December 2030
56	**Sandrift Storage 1 (Q2039)** Description: 250 MW BESS located in Desert Center, CA. POI: 220 kV Red Bluff Substation	January 2031
57	**Sandrift Storage 2 (Q2041)** Description: 250 MW BESS located in Desert Center, CA. POI: 220 kV Red Bluff Substation	January 2031
58	**Redonda (Q2036)** Description: 250 MW hybrid PV and BESS located in Desert Center, CA. POI: 220 kV Red Bluff Substation	January 2031
59	**Conduit Energy Storage (Q2105)** Description: 500 MW BESS located in Hesperia, CA. Dedicated 500 kV gen-tie line. POI: 500 kV Lugo Substation	February 2031
60	**Greasewood Energy Storage (Q2089)** Description: 500 MW BESS located in Rosamond, CA. POI: 500 kV Whirlwind Substation	February 2031

#	Generation Projects Continued	Expected In-Service Date
61	**Calypso Solar (Q1636)** Description: 400 MW hybrid PV and BESS generating facility. Dedicated 500 kV gen-tie line. POI: 500 kV Colorado River Substation	April 2031
62	**Greenwood Energy Storage (Q2121)** Description: 250 MW BESS located in Monterey Park, CA. Dedicated 500 kV gen-tie line. POI: 500 kV Mesa Substation	April 2031
63	**Seqouia Solar (Q1792)** Description: 200 MW hybrid PV and BESS located in Delano, CA. POI: 220 kV Vestal Substation	April 2031
64	**Sterling (Q2140)** Description: 250 MW Hybrid PV and BESS located Laughlin, NV. POI: 500 kV Mohave Substation	May 2031
65	**Coral Reef (Q2117)** Description: 400 MW BESS located in Redondo Beach, CA. Dedicated 220 kV gen-tie line. POI: 220 kV El Nido Substation	February 2032
66	**Simon (Q2115)** Description: 400 MW BESS located in Culver City, CA. Dedicated 220 kV gen-tie line. POI: 220 kV La Cienega Substation	February 2032
67	**Fleetwood (Q2111)** Description: 400 MW BESS located in Long Beach, CA. Dedicated 220 kV gen-tie line. POI: 220 kV Lighthipe Substation	February 2032
68	**Tabla Energy Storage (Q2124)** Description: 300 MW BESS located in Irwindale, CA. Dedicated 220 kV gen-tie line. POI: 220 kV Rio Hondo Substation	May 2032
69	**Euismod (Q2055)** Description: 600 MW BESS located in Rosamond, CA. POI: 220 kV Whirlwind Substation	December 2032
70	**Solsken (Q2085)** Description: 460.55 MW hybrid PV and BESS located in Strathmore, CA. POI: 220 kV Springville Substation	December 2032

#	Generation Projects Continued	Expected In-Service Date
71	**J90 Energy Storage (Q2059)** Description: 250 MW BESS located in Lancaster, CA. POI: 220 kV Antelope Substation	March 2033
72	**Drifter Energy Storage (Q2066)** Description: 500 MW BESS located in Moorpark, CA. POI: 220 kV Moorpark Substation	May 2033
73	**Dorian Solar (Q2062)** Description: 200 MW BESS located in Pearblossom, CA. POI: 220 kV Vincent Substation	February 2034
74	**Elion Energy Storage (Q2064)** Description: 300 MW BESS located in Valeyrmo, CA. POI: 220 kV Antelope Substation	February 2034
75	**Desert Sands (Q1758)** Description: 300 MW BESS located in Desert Hot Springs, CA. POI: 220 kV Devers Substation	January 2035