

INFORMATIONAL BOARD LETTER


David Hanson (Apr 22, 2025 08:48 PDT)

DAVID W. HANSON
Senior Assistant General Manager
Power System


Janisse Quinones (Apr 23, 2025 21:44 PDT)

JANISSE QUIÑONES
Chief Executive Officer and Chief Engineer

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SUBJECT: Power System Monthly Report – March 2025

POWER ADVANCED TECHNOLOGIES INFRASTRUCTURE DIVISION (PATI)

Telecommunication Service Restoration

On March 25, 2025, PATI received notice of alarms on several corporate network and Supervisory Control and Data Acquisition (SCADA) circuits. It was determined that about 300 feet of fiber cable was cut near the corner of South Grand Avenue and West 45th Street near Distribution Station 32. In the same area there was a copper theft that occurred the day before. ATI worked to identify, locate, and restore all circuits by March 27, 2025.

POWER CAPITAL PROJECTS AND EXTERNAL GENERATION DIVISION

Rinaldi-Tarzana Lines 1 and 2 Reconductoring Project

Barnard has successfully completed the reconductoring and tower-raising tasks for the Rinaldi–Tarzana Line 1 and Line 2, covering a total distance of 20.6 miles from Receiving Station (RS)–Tarzana to RS–Rinaldi. The tentative energization date for both lines is set for April 11, 2025. All punch list items have been addressed, and the contractor is now focused on demobilizing and restoring the temporary yard.



Tower 209: Wire pull



Tower 250: Recoiling of OPGW

POWER CONSTRUCTION AND MAINTENANCE DIVISION (PCM)

Pacific Palisades Work Activities

During March 2025, PCM construction crews cleared electrical equipment and debris from 177 Pacific Palisades residential property addresses. The PCM Emerging Technology Electricians completed the installation of twenty (20) Level 2 and two (2) Level 3 electric vehicle chargers for the LADWP command center.



POWER ENGINEERING DIVISION

Structural Engineering

Painting work for Phase 7 – Year 1 of our Transmission Tower Corrosion Protection Program was completed on March 3, 2025. Our contractor painted a total of 158 equivalent towers, exceeding our target of 133 towers. There are 239 towers remaining for years 2 and 3. Work for Phase 7 – Year 2 will start in the winter of 2025.



POWER FUEL AND PURCHASED POWER GROUP

Emerging Markets and Energy Settlements Section

The California Independent System Operator reported \$4.2 million of benefits for LADWP's participation in the Western Energy Imbalance Market (WEIM) for the month of February 2025. This takes our total WEIM reported benefit to \$423 million. LADWP's WEIM Operations performance remained in the upper quartile of WEIM participants. As part of the resource sufficiency test performed for each WEIM entity prior to the real-time market being run, LADWP passed 99.73 percent of the balancing tests and 100 percent of the bid-range capacity tests in March 2025. Additionally, power balance constraint infeasibilities for under and over-supply conditions were minimal for the LADWP balancing authority area with 0.24 percent of the total intervals in the fifteen-minute market and 0.13 percent of the total intervals in the Five-Minute Market real-time dispatch for the month of March 2025. LADWP passed 99.87 percent of the upward flexible ramping sufficiency tests and 99.19 percent of its downward flexible ramping sufficiency tests for the same period.

POWER SUPPLY OPERATIONS DIVISION

Aqueduct Power Plants (APP)

At Power Plant 2, Unit 3 commissioning test was partially completed following assembly of head cover and turbine guide bearing on March 27, 2025, but could not be fully conducted due to limited LA Aqueduct water availability. On March 6, Unit 3 was successfully started in auto mode, trip-tested at 1.5 MW, and left generating at 1 megawatt (MW) overnight. The next day, its load was gradually increased to 5.4 MW. Vibration and temperature readings have stabilized, but engineering personnel recommends restricting Unit 3 from exceeding 5.4 MW until full-load testing is verified.

POWER SYSTEM PLANNING DIVISION (PSP)

Resource Planning

Modeling for the LA100 Plan (formerly the Strategic Long-Term Resource Plan [SLTRP]) is complete and the LA100 Plan report is currently in development. On March 20, 2025, PSP held the LA100 Plan Advisory Group meeting to present results outlining the key findings of the 11 sensitivities that were modeled to evaluate risk related to the LA100 Plan. The Financial Services Organization is currently analyzing the rate impacts of the LA100 Plan, relative to the Senate Bill 100 mandate, as a

benchmark for the next Advisory Group meeting targeted in May, followed by Public Outreach meetings. The final LA100 Plan is expected to be finalized by mid-2025.

POWER SYSTEM TRAINING DIVISION

Power System Training has a student body of 621, 5.30 trainees all in various stages of training curriculum and development. The Truesdale Training Center (TTC) continues to provide after-hours training on Wednesday nights for trainees and LADWP employees.

There are 9 active classes with the Electric Distribution Mechanic Training Center (EDMTC). There are 18 active classes totaling 194 trainees with the Electrical Mechanic Training Center (EMTC) with 7 of the classes in the classroom and the remainder on field rotations. The Operator Training Center (OTC) has 22 active trainees in the program distributed amongst 4 classes. Two of these trainees are currently in the classroom. The Electric Meter Setter (EMS) Training Program has 1 class totaling 7 active trainees all involved with training in the field. The Underground Distribution Construction Mechanic (UDCM) Training Program has 5 active classes with 38 trainees. There are 28 active Steam Plant Assistants (SPAs) in this training program. The New Engineering Associate Training (NEAT) Program currently has 189 active trainees distributed across 10 training cohorts. NEAT Class 25 graduated 28 trainees.

POWER TRANSMISSION AND DISTRIBUTION DIVISION

Electric Trouble

Electric Trouble Dispatching processed 19,694 calls through the Outage Management System. There were 88 full or partial primary circuit outages affecting 92,886 consumers. The average duration of these primary outages lasted four hours and 48 minutes with 97.3 percent of the consumers being restored within 24 hours. Of those 88 full or partial primary circuit outages 43 were a direct result of Mylar balloons. Of the 43 incidents, 41 affected the 4.8 kiloVolt (kv) system and 2 affected the 34.5kv system. Combined total (65,125): breakdown (64,455) 4.8kv customers and (670) 34.5kv Industrial Station customers were affected with the average outage duration time of 5 hours and 20 minutes. There were 87 transformer outages that affected 1,690 customers for an average of 7 hours and 38 minutes, mostly in Pacific Palisades, Vermont Square, Venice, Sylmar, and Pacoima.