LOS ANGELES DEPARTMENT OF WATER & POWER

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**Subject: Los Angeles Department of Water and Power (LADWP)
2025 Annual and Initial Progress Report**

Los Angeles Department of Water and Power (LADWP) 2025 Annual Progress Report

In accordance with the WECC Progress Report Policies and Procedures, the following is LADWP's 2025 Annual Progress Report. These planned facility modifications and additions are in conformance with NERC Standards and WECC "Project Coordination, Path Rating and Progress Report Processes" guideline. These projects do not have regional impacts to the WECC Interconnected System.

The following projects have been granted waiver status

Facility	Status	In-Service
Pershing - Olympic 230kV Cable B Construction (Re-Terminate Olympic-Pershing Cable B into New Pershing Station)	In-Service	April 2024
Scattergood - Pershing Olympic 230kV Cable B (Re-Terminate Scattergood-Olympic Cable B into New Pershing Station)	In-Service	April 2024
Re-terminate Scattergood-Olympic Cable A into New Pershing Station	In-Service	April 2024
Upgrade RS-K Bus 1 and 2	In-Service	May 2024
Barren Ridge Re-Expansion	In-Service	September 2024
Upgrade Barren Ridge – Haskell Line 1	In-Service	February 2025
Eland I and II	In-Service/ Construction	(COD): November 2024/ February 2025
New Receiving Station RS-X (LAX)	Construction	February 2025
New RS-E Reactor	Construction	March 2025
New Barren Ridge STATCOM	Construction	Q1 2025
Upgrade Rinaldi Tarzana Line 1 & 2	Construction	April 2025
IPP AC Switchyard extension	Construction	May 2025
Clearance Mitigation Upgrade for Victorville - Rinaldi Line 1	Construction	July 2025
IPP Coal Unit Replacement with CC Natural Gas	Construction	July 2025

New IPP Synchronous Condensers	Construction	August 2025
Upgrade Victorville Bank K (Phase IV)	Construction	January 2026
Upgrade McCullough – Victorville Series Compensation	Construction	April 2026
Upgrade Wavetraps and CVTs at Mead 287kV to 300kV	Construction	April 2026
New Spare Mead Bank M	Design	May 2026
New Rosamond Switching Station	Construction	September 2026
Adelanto AC Switchyard extension	Construction	September 2026
New Haskell Bank G (PP1-Haskell L1)	Delayed	March 2027
Upgrade Scattergood Auto and Phase Shifting Transformer	Design	May 2027
Lugo - Victorville Line 1 upgrade	Construction	May 2027
Lugo-Victorville Line 1 Terminal Equipment	Construction	November 2027
New Apex-Crystal Line 1 & Subsynchronous Resonance Protection	Design	December 2027
Clearance Mitigation Upgrade Adelanto - Rinaldi Line 1	Design	February 2028
Upgrade Toluca-Hollywood Line 1 Underground Cable	Design	April 2028
New Converter Station at IPP and Adelanto	Construction	April 2028
Upgrade Wavetraps and CVTs at Victorville 287kV to 300kV	Design	May 2028
Upgrade Wavetraps and CVTs at Century (RS-B) 287kV to 300kV	Design	May 2028
Upgrade Circuit Breakers at Victorville 500kV	Construction	August 2028
Upgrade McCullough – Victorville Transmission Line	Design	December 2028
New Valley - Toluca Line 3 and upgrade Valley -Toluca Lines 1 and 2	Budgeted	May 2030
Clearance Mitigation Upgrade for Adelanto - Toluca Line 1	Design	December 2030
Upgrade Circuit Switcher for McCullough - Victorville Lines 1 and 2	Budgeted	December 2030
Upgrade Rinaldi - Airway Lines 1 and 2	Planning	May 2032
New Toluca - Atwater Line 2 and upgrade Toluca -Atwater Line 1	Planning	May 2033
New Valley - Rinaldi Line 3 and upgrade Valley -Rinaldi Lines 1 and 2	Planning	May 2035
Upgrade Tarzana - Olympic 1A and 1B - Conversion to 2-230kV lines	Design	TBD
New 180 MVAR Variable Shunt Reactor at Marketplace	Planning	TBD

Request for Waiver of "Significant Impact" Status

LADWP is not seeking a path rating for any of the Projects listed below, which are required to serve load and improve local reliability in the long-term planning horizon. Completed studies have demonstrated there are no disturbances or flow of energy impacts on other entities systems.

No WECC transfer paths have been identified as impacted by these Projects. These projects are not expected to have significant impacts on the operation of the Western Interconnected System. Thus, LADWP requests waiver of "Significant Transmission Project" status for the purpose of the Project Coordination Review Process.

The facilities located within the LA basin and are expected to have a minimal impact on the LADWP transmission system. The project located in the LA 500kV system is expected to support the local HVDC system and not impact the neighboring facilities.

Facility	**Project Location**	**Status**	**In-Service**
RS-B Rack A and Bank A	LA Basin	Construction	December 2025
Adelanto STATCOM	LA 500kV System	Planning	April 2028
RS-A Substation Replacement	LA Basin	Planning	May 2032

Los Angeles Department of Water and Power (LADWP) 2025 Initial Progress Report

In accordance with the WECC Progress Report Policies and Procedures, the following is LADWP's 2025 Initial Progress Report. These planned facility modifications and additions are in conformance with NERC Standards and WECC "Project Coordination, Path Rating and Progress Report Processes" guideline.

Project Name:

Sylmar Bank Replacement Project

Project Purpose:

Upgrade Sylmar Transformer Banks to maintain reliability for future anticipated transfer flow to Southern California Edison (SCE).

Project Description:

LADWP will upgrade Sylmar Bank E, Sylmar Bank F, and Sylmar Bank G at Sylmar Switching Station.

Expected Operating Voltage:

230/220kV

Planned Operating Date:

This project is expected to have a completion date of June 1, 2028 at this time. A detailed timeline of the project phases is provided below.

Project	Existing Rating	New Rating	In-Service
Sylmar Bank E 230/220kV	600 \ 800 MVA	1290 \ 1610 MVA	October 20, 2026
Sylmar Bank F 230/220kV	600 \ 800 MVA	1290 \ 1610 MVA	June 1, 2028
Sylmar Bank G 230/220kV	900 \ 1134 MVA	1290 \ 1610 MVA	December 31, 2027

Project Status:

The project is currently going through the design and procurement process.

Project Coordination Activities:

The project has been jointly studied by LADWP and SCE to determine sizing and reliability needs of the transformers. These transformers make up the WECC Transfer Path 41 and may require a path rating study to determine the new path limit. No other entities were identified as impacted during the initial study process. LADWP has not identified any further impacts from this project. Regular coordination occurs between LADWP and SCE through monthly project meetings.

Project Name:

Sylmar – Pardee Line Upgrade Project – Station Design

Project Purpose:

Upgrade Station Equipment at Sylmar Switching Station to allow for the line rating increase of the Sylmar – Pardee Lines.

Project Description:

LADWP will replace system to 5000 A, 80 kA interrupting duty on Sylmar – Pardee Lines 1 and 2 and replace approximately 6 CBs, 12 disconnects, 12 capacitor voltage transformers and associated equipment at Sylmar Switching Station.

Expected Operating Voltage:

230kV

Planned Operating Date:

This project is expected to be completed January 22, 2029.

Project	Existing Rating	New Rating	In-Service
Clearance Mitigation & Station Equipment Upgrade for Sylmar – Pardee Lines 1 and 2	1195 \ 1195 MVA	1736 \ 1736 MVA	January 22, 2029

Project Status:

The project is currently going through the design and procurement process.

Project Coordination Activities:

The project has been coordinated by LADWP and SCE to determine sizing and reliability needs of the station equipment at Sylmar Switching Station. The project allows for the evaluation of a line rating increase of the Sylmar – Pardee Lines. No other entities were identified as impacted during the initial study process. LADWP has not identified any further impacts from this project.

Thank you,

If you have any questions, please contact:

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