



## LOS ANGELES DEPARTMENT OF WATER & POWER

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**Subject: Los Angeles Department of Water and Power (LADWP)  
2024 Annual and Initial Progress Report**

**Los Angeles Department of Water and Power (LADWP) 2024 Annual Progress Report**

In accordance with the WECC Progress Report Policies and Procedures, the following is LADWP's 2024 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
New Castaic - Haskell Line 230kV Line 3	In Service	April 2023
Upgrade RS-K 138kV-230kV Bus Bank F	In Service	May 2023
Upgrade Rinaldi Circuit Breakers (2 sets) and disconnect switches (3 sets) rating to 5000A	In Service	May 2023
Intermountain - Gonder 230/345kV Bank M replacement	In Service	November 2023
New Haskell-Sylmar Line 2 & Station Equipment at Sylmar	In Service	January 2024
Pershing - Olympic 230kV Cable B Construction (Re-Terminate Olympic-Pershing Cable B into New Pershing Station)	Construction	April 2024
Scattergood - Pershing Olympic 230kV Cable B (Re-Terminate Scattergood-Olympic Cable B into New Pershing Station)	Construction	April 2024
Re-terminate Scattergood-Olympic Cable A into New Pershing Station	Construction	April 2024
Clearance Mitigation Upgrade for Victorville - Rinaldi Line 1	Design	May 2024
Barren Ridge Re-Expansion	Construction	May 2024
New Barren Ridge STATCOM	Construction	June 2024
New RS-E Reactor	Construction	June 2024
Upgrade RS-K Bus 1 and 2	Construction	June 2024
New Haskell Bank G (PP1-Haskell L1)	Construction	November 2024
IPP AC Switchyard extension	Construction	Q4 2024

Upgrade Victorville Bank K (Phase IV)	Construction	January 2025
Upgrade Circuit Breakers at Victorville 500kV	Construction	January 2025
Upgrade Barren Ridge – Haskell Line 1	Construction	February 2025
Upgrade Rinaldi Tarzana Line 1 & 2	Design	April 2025
Eland I and II	Construction	(COD): September 2024 February 2025
IPP Coal Unit Replacement with CC Natural Gas	Construction	July 2025
Upgrade McCullough – Victorville Series Compensation	Design	November 2025
New Rosamond Switching Station	Budgeted	November 2025
New IPP Synchronous Condensers	Design	January 2026
Upgrade Wavetraps and CVTs at Mead 287kV to 300kV	Design	April 2026
New Valley - Toluca Line 3 and upgrade Valley -Toluca Lines 1 and 2	Budgeted	April 2026
Upgrade Tarzana - Olympic 1A and 1B - Conversion to 2-230kV lines	Design	April 2026
New Spare Mead Bank M	Design	May 2026
Upgrade Scattergood Auto and Phase Shifting Transformer	Design	May 2026
Adelanto AC Switchyard extension	Design	July 2026
New Receiving Station RS-X (LAX)	Construction	December 2026
Clearance Mitigation Upgrade Adelanto - Rinaldi Line 1	Design	December 2026
Clearance Mitigation Upgrade for Adelanto - Toluca Line 1	Design	December 2026
Upgrade Toluca-Hollywood Line 1 Underground Cable	Design	April 2027
New Converter Station at IPP and Adelanto	Budgeted	April 2027
Upgrade Wavetraps and CVTs at Victorville 287kV to 300kV	Design	May 2027
Upgrade Wavetraps and CVTs at Century (RS-B) 287kV to 300kV	Design	May 2027
New Apex-Crystal Line 1 & Subsynchronous Resonance Protection	Design	December 2027
New Valley - Rinaldi Line 3 and upgrade Valley -Rinaldi Lines 1 and 2	Planning	April 2028
Upgrade Circuit Switcher for McCullough - Victorville Lines 1 and 2	Budgeted	December 2028
Upgrade McCullough – Victorville Transmission Line	Budgeted	January 2029
Upgrade Lugo-Victorville Line 1 & terminal equipment	On-Hold	January 2029
New Toluca - Atwater Line 2 and upgrade Toluca -Atwater Line 1	Planning	May 2029
Upgrade Rinaldi - Airway Lines 1 and 2	Planning	December 2029
New 180 MVAR Variable Shunt Reactor at Marketplace	Planning	TBD

### **Request for Waiver of “Significant Impact” Status**

LADWP has no new projects to request a “Waiver of ‘Significant Impact’ Status” for the 2024 WECC Annual Progress Report.

## **Los Angeles Department of Water and Power (LADWP) 2024 Initial Progress Report**

In accordance with the WECC Progress Report Policies and Procedures, the following is LADWP's 2024 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 December 31, 2028 at this time. A detailed timeline of the project phases is provided below.

<b>Project</b>	<b>Existing Rating</b>	<b>New Rating</b>	<b>In-Service</b>
Sylmar Bank E 230/220kV	600 \ 800 MVA	1290 \ 1610 MVA	January 31, 2026
Sylmar Bank F 230/220kV	600 \ 800 MVA	1290 \ 1610 MVA	December 31, 2026
Sylmar Bank G 230/220kV	900 \ 1134 MVA	1290 \ 1610 MVA	December 31, 2028

### **Project Status:**

The project is currently going through the procurement process to acquire the bank.

### **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.

**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 in 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	2029

**Project Status:**

The project is currently is going through board approval process this quarter and expected to have completion date of 2029.

**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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