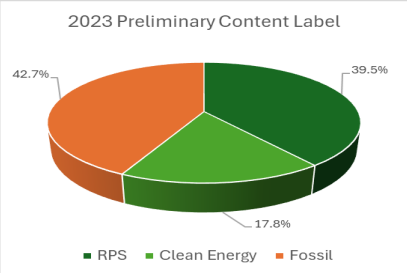
LA100 Bi-Annual Report Card

February 2025

Key Progress Updates on LA100 Planning & Implementation

- **Eland Phase 1 Project reached commercial operation date on 11/18/2024,** partnering with Glendale Water and Power**,** providing **200 MW of Solar energy, coupled with 150 MW/4 Hr battery**. Construction of Eland Phase 2 Project has commenced and will be commissioned in the first quarter of 2025, bringing online additional 200 MW of solar, coupled with 150 MW/4 Hr battery.
- The **Intermountain Power Project (IPP)**, 840 MW of green hydrogen ready combined cycle units, is on track for **commercial operation by mid-2025**, providing cleaner electricity and replacing 1,800 MW of LADWP's last coal-fired generating units.
- LADWP has successfully **applied to more than $4 Billion in grants** and was **awarded more than $59M**, with an additional **$150M in negotiations** with funding. LADWP is currently evaluating the impact of the presidential administration's executive orders on awarded funds and future grant opportunities.
- The **LA100 Plan** (previously Power Strategic Long-Term Resource Plan) is targeting a carbon-free grid by 2035. Several Advisory Group meetings have been held and modeling is underway with advanced modeling software, compiling critical input assumptions, and constructing detailed scenario and risks analyses.
- **LA100 Equity Strategies Implementation Phase** began in March 2024 by adding the Equity Strategies Advisory Committee as stakeholders to the LA100 Plan and including equity and energy burden as considerations for LA100 Plan analysis. Building off the findings, LADWP is developing a LADWP Equity Action Plan to translate the report's recommendations into clear tangible actions with a plan to monitor results over time. To ensure transparency, LADWP will track progress with clear goals and metrics while leveraging external funding to expand participation in disadvantaged communities. First draft will be disseminated in February 2025 to gather Subject Matter Expert (SME) input.
- **Cool LA Initiative** launched in 2022, offering customers on an **income qualified** rate a $225 instant rebate for room air conditioners. The program had over **8,325 participants** and has paid out **over $2.2 million in incentives**. Additionally, LADWP has used these incentives and layered the Climate Equity Funds managed by the Mayor's office to provide free air conditioning units to over 700 residents of the Housing Authority Of The City of Los Angeles (HACLA).
- **The Comprehensive Affordable Multifamily Retrofits (CAMR) program**, launched in May 2022, **assists low-income multifamily property owners** in Los Angeles by providing free property assessments to identify energy efficiency opportunities. As of December 31, 2024, 375 projects are enrolled—covering nearly 20,000 tenant units—CAMR leverages LADWP resources and external funding, including a $5 million grant from the City of LA's Climate Equity Fund. Notably, 87% of CAMR projects are in Disadvantaged Communities, ensuring support reaches those most in need.
- LADWP is developing a **Climate Resiliency and Adaptation Plan**, along with integrating Climate Vulnerability and Adaptation strategies into its long-term plan, by analyzing climate data, conducting assessments, and developing targeted programs as needed.

Renewables & Energy Storage (ES)



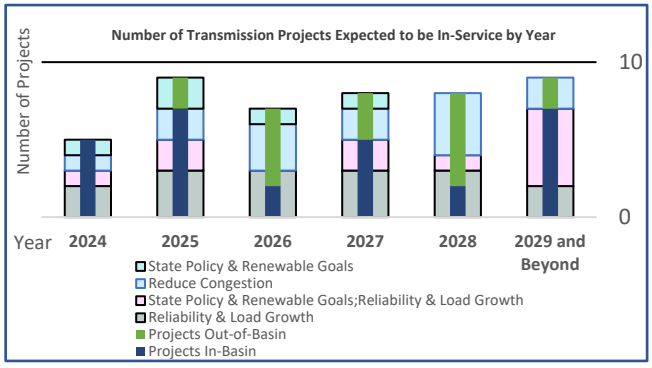
LA100 Plan Targets: 80% renewable energy by 2030 & 100% carbon-free (which includes nuclear and large hydro) energy by 2035. (43% RPS as of 2024).

Renewable Projects: More than 25 utility-scale projects are currently operational spanning seven Western States. Several in process of negotiations.

Energy Storage: Currently 1,506 MW of energy storage operates across the Power System, with 55.1 MW of behind-the-meter (BTM) in-basin systems.

Transmission Development

Numerous transmission projects are in progress to enhance system reliability, resiliency and meet renewable goals, with various projects in different stages, including planning, construction, and design. LADWP is making a significant investment of $4 billion into strengthening its transmission infrastructure. Project delays can occur due to factors such as procurement, conflict of required outages. Projects include Overhead transmission underground cables and station work. The table below list the status on some our highest priority projects.



	Project Name	Status	Estimated In-Service
1	Sylmar Bank E	DWP Design \ Procurement	10/20/2026
2	Tarzana - Olympic 1A and 1B - Conversion to 2-230kV lines	Transitioning Project Management	TBD
3	Toluca-Hollywood Underground Line 1 Replacement (230kV)	DWP Design \ Procurement	4/30/2028
4	New Valley-Toluca Line 3 and Upgrade Valley-Toluca Lines 1 and 2	Transitioning Project Management	TBD
5	Barren Ridge STATCOM	Under Construction	Q1 2025

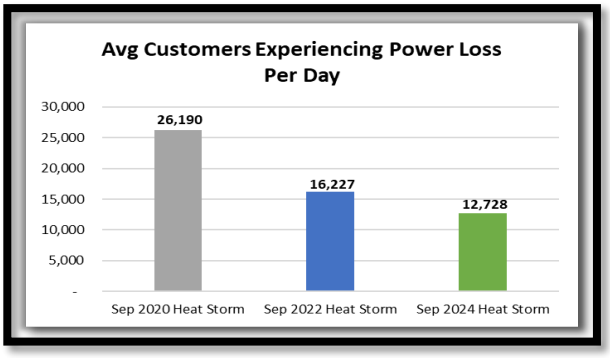
Generation Station (GS) Transformation

Valley, Haynes, Intermountain, & Scattergood

	Project Name	Est. Completion	Project Phase
1	Valley GS Unit 1-4 & Stack Demolition	January 2027	Demolition/Construction
2	Haynes GS Unit 8 Cooling System Retrofit	May 30, 2029	RFP Development
3	Intermountain Power Project (IPP) Renewed	July 1, 2025	Construction/Pre-Commissioning
4	Scattergood GS Units 1 &2 Green Hydrogen Ready Modernization	December 2029	Enviro Permitting/RFP Dev.
5	Harbor GS Unit 5 Cooling System Retrofit	February 2031	Planning/Scope Dev.

Power System Reliability Program

- **Reliability Metrics (as of 11/30/24):**
  - SAIFI (system frequency): 0.67 interruptions
    DWP target: 0.72
  - SAIDI (system duration): 113.07 minutes
    DWP target: 115
  - CAIDI (customer duration): 168.76 minutes
    DWP target: 160
- **Asset Replacement (as of 12/31/24):**
  - Poles: 1,528 (3,600 target)
  - Crossarms: 6,396 (13,500 target)
  - Transformers: 997 (1,310 target)
  - Cables: 12.5 miles (60 miles target)
- **Budget (as of 12/31/24):**
  $751 million for all PSRP work:
  - $432 million on Capital jobs ($930M target)
  - $319 million on O&M jobs ($653M target)



Impact on Electrical Distribution System

Tens of substations and hundreds of circuits will exceed their existing capacity. LADWP will need to modernize the distribution system and execute large electrical distribution infrastructure projects inside the substations and in many neighborhoods with the goal of expanding the distribution system capacity by 800 MW by 2035.

Drivers for Large Infrastructure Projects

- Rebuilding of electrical distribution infrastructure in **Pacific Palisades**.
- **Customer Electrification** and large capital projects from city agencies such as Port of LA, LA World Airport, LADWP Water System and LA Sanitation.
- Local Distributed Energy Resources (such as **Solar and Energy Storage**) adoption targets

Distributed Energy Resources

- **Customer programs** have introduced **new** building electrification Business Offerings for Sustainable Solutions (BOSS) Programs. Additionally, customer programs have **increased energy efficiency** and **building electrification** offerings across all customer segments including low income and DAC customers.
- **Local Solar.** Total local solar of **approx. 778 MW**. **Target** of **926 MW** by 2025, 1500 MW by 2030, and 2220 MW by 2035.
- Currently negotiating vendor proposals from an RFP to **expand residential**, **commercial** and **industrial Demand Response portfolio** through managed EV charging, Building Energy Management Systems, etc.
- Developing the new **Plug into Power** RFP to deploy DER assets on City and residential properties – slated for release in Q4 2025.
- Recently launched the **Demand Side Grid Support Program** under CEC guidelines to **offer incentives** for energy storage adopters. Currently evaluating the introduction of smart appliance controls as part of future load reduction measures in this program.
- **Energy efficiency** adoption is on track with LA100 projections. Current forecasts show LADWP is on track to achieve 350 GWh or more each year contingent on IHRP staffing allocations.

Electrification

EVs and charging stations **exceeded** LADWP goals. New goals were established to align with consumer demand, industry projections, state goals and distribution system infrastructure improvements. LADWP is improving **customer programs** to reduce barriers to charger installations for light, medium, and heavy-duty EVs at- and near-home, workplaces, public spaces, and fleet depots. Customer programs **expand charging opportunities** to enable EV adoption and affordability. LADWP is developing two EV Hubs to better serve the community's public charging needs. The first is located at Van Nuys Plaza (14531 Lanark St.) and the second at Normandie Plaza (18120 Normandie Ave).

Commercial EV Charging Targets:

- 45,000 charging stations by 2025 including 1,000 DC Fast Chargers **(36,410 as of 12/2024)**
- 120,000 charging stations by 2030 including 3,000 DC Fast Chargers

City of LA EV Adoption Targets:

- 250,000 Light Duty EVs by 2025 **(201,229 as of 9/2024)**
- 550,000 Light Duty EVs by 2028
- 750,000 Light Duty EVs by 2030

**previous goal was 25,000 charging stations by 2025, which LADWP surpassed*