



Power

Past & Present

Facts & Figures

Power Content Label

Clean Energy Future

Power Resource Plan

Power Reliability

Wildfire Mitigation Plan

Power Quality

Renewable Energy

Projects

Energy Efficiency & Rebates

Electric Safety

Smart Grid L.A.

Rates

Facts & Figures

General	
About LADWP	LADWP was established in 1902 to deliver water to the City of Los Angeles. Electric distribution began in 1916. A five-member Board of Water and Power Commissioners establishes policy for LADWP. The Board members, as well as the General Manager, are appointed by the Mayor and confirmed by the City Council. Board members are appointed for five-year terms.
Workforce	9,400 employees
Area Served	465 square miles
Population Served	Over 4 million residents Power Customers: 1.5 million in Los Angeles; 5,000 in the Owens Valley
Power System Fiscal Year (FY) 2017-2018 Budget	Total: \$4.1 billion \$1.1 billion for operations and maintenance \$1.4 billion for capital projects \$1.5 billion for fuel and purchased power
Funding Sources	LADWP's operations are financed solely through sales of water and electric services. Capital funds are partially funded through the sale of bonds. No tax support is received.
City Transfer	8% of gross operating revenue (estimated at \$242 million in FY 2017-18) is transferred to the City General Fund each year.

Power Resources (Calendar Year 2017) – (As reported to CEC)	
Renewable Energy*	30%
Natural Gas	31%
Nuclear	10%
Large Hydroelectric	4%
Coal	18%
Other/Unspecified Sources of Power	7%
*Renewable energy sources include biomass & waste (1%), geothermal (4%), small hydroelectric (4%), solar (11%), and wind (10%).	

Electric Capacity	
Total Megawatts Capacity	Over 7,880 megawatts (MW) from a diverse mix of energy resources
Record Instantaneous Peak Demand	6,502 megawatts (reached on August 31, 2017)

Power Use	
Residential	The typical residential customer uses 500 kilowatt-hours per month.
Commercial/Industrial	Business and industry consume about 70% of the electricity in Los Angeles.

Power Infrastructure	
Generation Plants	23
Overhead Transmission Circuits	3,507 miles (spanning five Western states)
Underground Transmission Circuits	124 miles
Transmission Towers	15,452
Overhead Distribution Lines	6,752 miles
Underground Distribution Cables	3,626 miles
Distributing Stations	160
Receiving Stations	21
Substructures	50,636
Distribution Utility Poles	308,523
Pole Mounted Capacity Banks	3,166
Distribution Crossarms	1.28 million
Utilitarian Streetlights	31,728
Distribution Transformers	128,693

Energy Efficiency Accomplishments

To view the full list of Power System accomplishments, please view the [Briefing Book 2017-2018](#).

Measurement Guide	
Volt (V)	Unit of measurement of electrical pressure
Ampere (A)	Unit of measurement of rate of electrical flow
Watt (W)	Unit of measurement of electrical power
Kilowatt-hour (kWh) - One Power Billing Unit	1,000 watts of power at work for one hour, or a 100-watt light bulb operating for 10 hours
Megawatt-hour (MWh)	1,000 kilowatt-hours
Gigawatt-hour (GWh)	One million kilowatt-hours



[Download Adobe Acrobat Reader](#)