



Pasadena Water and Power

Joint Meeting of the Pasadena City Council and
The Pasadena Unified School District Board of Education

April 20, 2026

Item #2





Guiding Policies, Decisions & Documents

Pasadena Water and Power

SUSTAINABILITY IS A LONG-STANDING CORE VALUE IN PASADENA



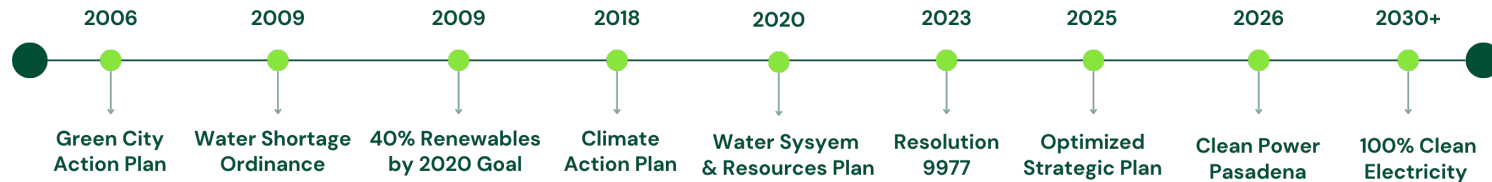
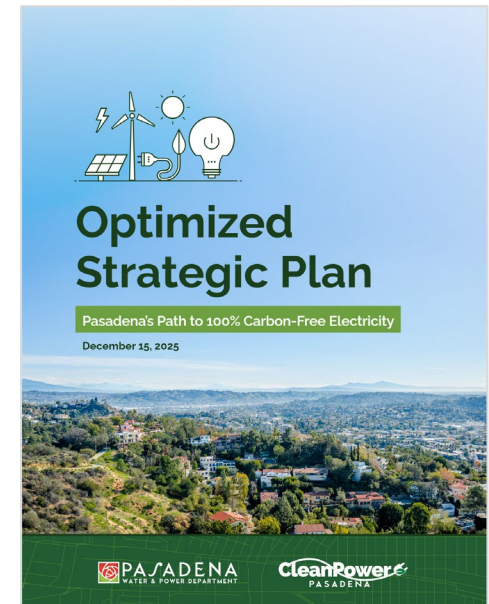
RESOLUTION NO. 9977

(excerpts)

Section 3. The City Council hereby sets a policy goal to source 100% of Pasadena's electricity from carbon free sources by the end of 2030.

Section 4. The City Council hereby directs the City Manager to utilize the 2023 IRP process to plan multiple approaches to transition to the goal described in Section 3 and to optimize affordability, rate equity, stability, and reliability of electricity while achieving this goal.

WHEREAS, the City recently implemented a comprehensive GHG Inventory process to measure actual and forecasted emissions of municipal operations and the community to gauge the ongoing progress of the CAP; and



PASADENA



Energy Efficiency & Electrification

Pasadena Water and Power



POWER UP PASADENA

Businesses can get up to **\$100,000** for installing EV Chargers



POWER YOUR FUTURE WITH PWP SCHOLARSHIPS!

Help fund your way through your education with PWP's new \$100,000 Education Scholarship for high-achieving students.

Application Friday
March 22, 2024

NEW FOR 2024!

PWPweb.com/Scholarship for application details & eligibility requirements.




- Scholarships (past PUSD winners pictured left)
- In-Class Educational Programs & Events (past PUSD in-class lesson pictured below)
- Residential & Commercial Customers
- Buy Local Bonus (residential)
- Low-Income Bonus
- EE Rebates & Direct Installations
- EV Chargers
- E-Bikes (residential)
- Bill Assistance (residential)
- Customized Incentives (commercial)
- Energy Audits & Energy Usage Reports
- Coming Soon: Automated Demand Response

PASADENA WATER & POWER DEPARTMENT



- Efficient LED lighting to save on energy costs.
- Low-flow showerheads, toilets, and irrigation to conserve water without sacrificing comfort.
- Smart thermostats to optimize heating and cooling.
- Home weatherization improvements for better insulation and year-round comfort.

Pasadena Water and Power Proudly Supports Pasadena's Business Community

FWP offers programs and services to help your business save money, energy and water. To learn more, call (626) 744-7211 or visit PWPweb.com/Business.

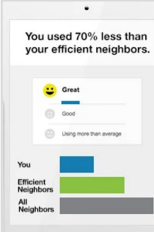
PASADENA WATER & POWER DEPARTMENT




You used 70% less than your efficient neighbors.

Great
Good
Using more than average

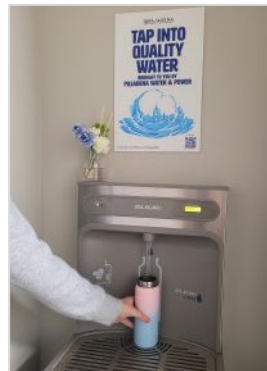
You
Efficient Neighbors
All Neighbors



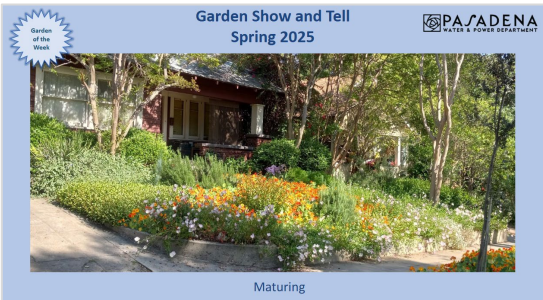



Water Use Efficiency & Conservation

Pasadena Water and Power



- Residential & Commercial Customers
- Metropolitan Water District Partnership
- Rebates & Direct Installations
- Community Events & Education (Past PUSD Science Night, Walk/Bike-to-School events pictured left)
- Scholarships & Art Contest (past PUSD winning art submission pictured below)
- Drought resilient landscaping
- Hydration Stations
- Customized Incentives (commercial)
- Landscape Surveys





Solar & Battery

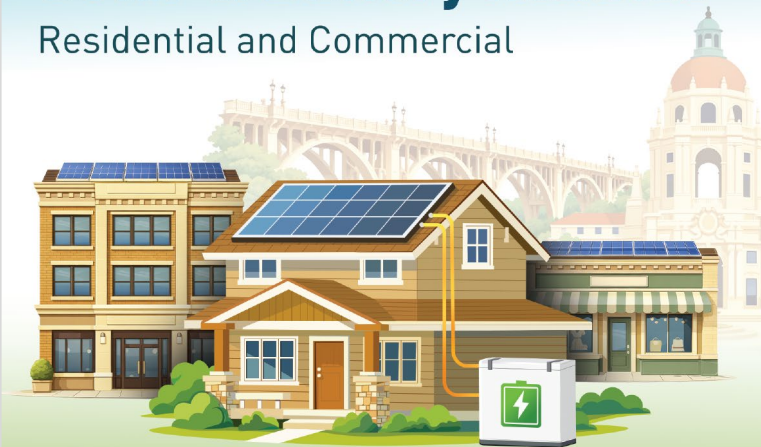
Pasadena Water and Power



APPLY TODAY!

Solar & Battery Rebates

Residential and Commercial



PWPweb.com/Solar

Rooftop solar with on-site battery storage is an environmentally conscious way to offset your energy usage, contribute to Pasadena's 100% clean energy goal, and save on your utility bill.



- Municipal Solar: \$20M (RFP 5 Sites: Libraries (2), City Yards, Sunset Reservoir Complex)
- RFP for Carbon Free Resources (solar, wind, etc.)
- Solar &/or Battery Rebates
- Residential & Commercial
- Multimedia Marketing Campaign
- Customer Solar Max Size: 150% of kWh Annual Consumption
- Low-Income Residential Bonus
- PWP Not Charging Plan Review & Inspection Fees*
- Potential waivers of Building & Safety fees
- Net Surplus Compensation
- Online Applications (Installations & Rebates)
- Online List of Solar Energy Contractors in Pasadena
- Customer Questionnaire after Permission-to-Operate Granted

*Structural, Building & Safety, meter, and other non-energy-related fees may still apply.



Solar & Battery

Pasadena Water and Power



Expected Outcomes

More solar and battery installations.

Growth in distributed generation (kW/MW).

Increased battery storage capacity (kWh/MWh).

Reduced peak load demand.

Improved public awareness and participation.

Secondary benefits: jobs, economic activity, resilience.

Evaluation Framework



KPIs: permits issued, installed capacity, participation rates.



Track geographic distribution of installations.



Financial metrics: waived revenue, program costs.

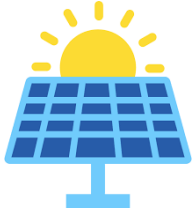


Evaluate effectiveness after 12 months.



Snapshot (as of Quarter 1 – 2026)

Pasadena Water and Power



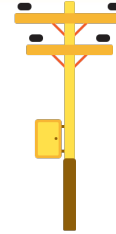
32.4 MW

total installed solar capacity on Pasadena homes & businesses since 2008



908 Acre Feet

water saved in FY25 through water use efficiency



1 Million MWh

energy delivered annually to PWP customers



10,920

zero-emission vehicles registered in Pasadena since 2018



ZERO

new fossil fuel energy contracts



\$1 Billion

in carbon-free energy contracts



7,816 MWh

electricity saved by customers in 2025 through efficiency



140

public EV Chargers in Pasadena



63K Square Feet

turf grass replaced with CA friendly landscaping in FY25



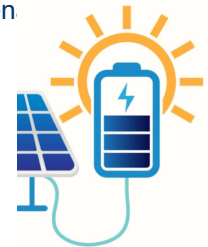
4,232

PWP Customers enrolled in bill assistance programs



268,795 MWh

cumulative energy savings since 2006



1.86 MW

customer-owned battery storage supporting the local grid



Looking Forward

Pasadena Water and Power

Deepen customer relationships while delivering **clean technologies** to achieve collective *sustainability* goals

- ❖ Continue proactive engagement with major organizations
 - PUSD, PCC, Caltech, PCOC commercial properties, Huntington Hospital, etc.
 - PWP Key Accounts Program
- ❖ Collaboratively advance major sustainability projects supporting each organization's sustainability efforts & Pasadena's climate goals

PASADENA