

## PWP Power Accomplishments Since 2018 IRP

		2019	2020	2021	2022	2023	2024	2025
Procure Additional Large-Scale Renewables and Storage	Coso Geothermal Project (10 MW - 20 MW, COD 2027)							
	Geysers Geothermal (25 MW)							
	Bonanza Solar and Storage							
	CalWind Wind Resource II							
	Grace Orchard Solar							
	Glenarm Battery Energy Storage System							
	Broadway Battery Energy Storage System							
Customer Programs	All-Source Power Purchase Agreement Request for Proposals Development							
	Engage Large customers in the Voluntary Load Curtailment Program (VLCP)							
	Energy Efficiency Programs							
	EV and EV Charger Rebate Program							
	E-Bicycle Rebate Program							
	Low Interest Solar Loan Program							
	Energy Storage Rebate Program							
Electrification	Demand Side Grid Support Program							
	Demand Response Program							
	Power Up Pasadena Campaign							
	Holly Garage Charging Station							
	Marengo Charging Station							
	Schoolhouse Garage Charging Station							
	Los Robles Garage Charging Station							
Local Resources	Playhouse Village Park Charging Facility							
	Delacey Garage Charging Station							
	Arroyo Charging Facility							
	Robinson Park Charging Station							
	Victory Park Charing Station							
	Del Mar Metro Station Facility Expansion Project							
	Shopper's Lane Charging Depot							
Community Engagement	Distribution Battery Pilot Project on Power Poles							
	Customer Solar Aggregation Pilot							
	Rooftop Wind Microturbine Pilot							
	Long-Duration Energy Storage Pilot							
	Microgrid Pilots							
	Community-Owned Solar							
	Feed in Tariff Development							
Studies	Solar Permitting Process Improvements							
	Oversized Solar Permitting Updates							
	Partnership with Los Angeles Clean Tech Incubator (LACI)							
	Clean Energy Tracker Webpage							
	Optimized Strategic Plan (OSP) Campaign and Education Program							
	Partnership With Caltech - Memorandum of Understanding							
	Caltech-PWP Working Group - Energy Efficiency/Demand Response							
Grant Applications (Awarded)	Caltech-PWP Working Group - Local Resources/Battery Energy Storage Systems							
	Caltech-PWP Working Group - Distribution, Power Delivery, and Resiliency							
	Caltech-PWP Working Group - PPA and Renewable Procurement							
	EngagePWP.org website and Community Feedback Campaign							
	Ongoing community outreach (news releases, events, collateral, stakeholder engagement)							
	2021 Integrated Resource Plan (IRP) Update							
	Publish Updates to the Power Delivery Master Plan							
Grant Applications (Not Awarded)	2023 IRP							
	Prepaid Renewable Energy Transaction for Cost Savings							
	Optimized Strategic Plan (OSP)							
	Electric Rate Study							
	Caltech Power Flow Study Collaboration							
	Department of Water Resources - Water and Energy Grant							
	California Energy Commission - Distributed Energy Backup Assets (DEBA) - Glenarm BESS							
Grant Applications (Awaiting Status)	American Public Power Association - Demonstration of Energy & Efficiency Developments (DEED)							
	Department of Energy (DOE) - EnergyWerx Voucher Program - Voucher 8							
	DOE - EnergyWerx Voucher Program - Voucher 3							
	DOE - Energy Efficiency and Conservation Block Grant (EECBG)							
	Enviromental Protection Agency (EPA) - Clean Heavy-Duty Vehicles							
	APPA DEED (Co-op with DOE) - DE-CR0000015							
	CalStart - Communities in Charge							
Infrastructure	Support for EV deployment							
	California Electric Vehicle Infrastructure Project (CALeVIP) - SCIP							
	Funding for publicly available EV chargers							
	DOE - Grid Resilience and Innovative Partnership - AMI							
	DOE - Grid Resilience and Innovative Partnership - Glenarm BESS							
	EPA - Solar for All Grant							
	CEC - California Clean Energy Planning Program							
Infrastructure	FEMA - Hazard Mitigation Grant Program							
	CalStart - Energize							
	Supporting EV deployment							
	Carl Moyer Memorial Air Quality Standards Attainment Program							
	Funding to replace gas/diesel vehicles with electric or alternative fuel vehicles							
	DOE - Energy Storage Pilot Demonstrations							
	CEC - Round 2 Community Energy Reliability and Resilience Investment (CERRI) Program - AMI							
Infrastructure	Customer Information System (CIS) Project							
	Overhead Distribution Wires Undergrounding Project							
	Advanced Metering Infrastructure (AMI)							

### Legend

- PWP actions
- Key City Council approvals
- Completion