

# GLENDALE WATER AND POWER'S SOLAR AND ENERGY STORAGE PLAN

## JUST THE FACTS

### WHAT'S THE PURPOSE OF THE PLAN?

In August 2022, the Glendale City Council passed a resolution expressing their intent to adopt policies and practices aimed at achieving the goal of having at least 10% of GWP customers adopt solar and energy storage systems by 2027, and to develop additional demand management measures, with a minimum total peak dispatchable and peak-load-reducing capacity of 100 MW (megawatts).

### WHAT WILL THE PLAN CONSIDER?

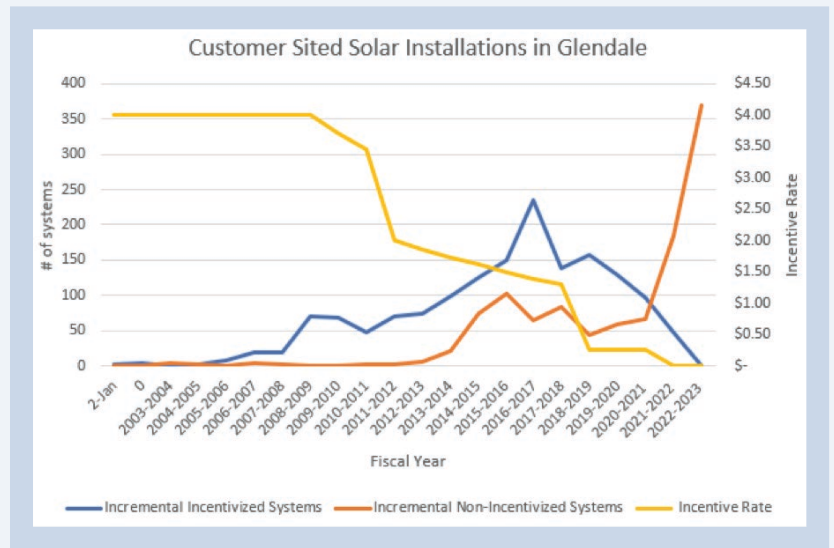
The solar and energy storage plan will include an evaluation of the adoption potential and consider several policies and incentives to achieve the adoption and capacity goals, including:

- The feasibility of achieving the City Council's goals
- If not achievable as resolved, an estimation of when the goals can be achieved
- A robust net metering policy
- A feed-in tariff program
- Incentives or rebates on solar installations
- Upfront rebates combined with performance-based incentives for battery storage systems
- Policies aimed at lower-income customers, customers in heavily pollution-burdened areas, multifamily properties, and rental properties
- Community solar projects, particularly with an emphasis on customers with less ability to install solar and storage on property they own
- Additional incentives and outreach programs for energy efficiency, demand reduction, and shifting energy use to off-peak time periods

The plan will also include an analysis of the benefits and costs including direct and indirect economic, environmental, societal, and other noneconomic benefits and costs.

# GLENDALE'S ENERGY TRACK RECORD

- **2,921 PV/Solar Systems Installed** since 2001 for a total of 28 MW
- **2,800 Residential PV/Solar Systems Installed** since 2001 for a total of 17 MW
- **121 Commercial PV/Solar Systems Installed** since 2001 for a total of 11 MW
- **Solar penetration is currently at 3.25%**



## COST AND RETURN-ON-INVESTMENT OF SOLAR

Based on the average PV/Solar System size of 6 kW and average annual usage of approximately 10,000kWh, the cost to install a PV/Solar system would be \$16,800 (before Investment Tax Credits) and the return-on-investment period would be 4 to 15 years depending on panel configurations, productivity, solar programs, incentives, and local NEM rate structures.

## HOW WILL SOLAR IMPACT MY ELECTRIC BILL?

The impact on your electric bill will depend on the size of your system and your electricity rate. After installing solar, GWP will continue to supply power when your system is not producing. As energy needs shift from season to season, there will be months when you purchase energy from GWP and months when you over produce and export back, even when your solar system is sized to offset 100% of your energy load. For information about bill credits, please visit GWP's net energy metering webpage: [www.glendaleca.gov/SolarInterconnection](http://www.glendaleca.gov/SolarInterconnection)

## WHAT CUSTOMER PROGRAMS ARE CURRENTLY AVAILABLE?

Glendale Water and Power currently operates over 20 residential and business customer programs, aimed at embracing renewable energy sources and reducing energy costs for residents and businesses in Glendale. Some of these customer programs include: the Net Energy Metering (NEM) Program, the Peak Savings Program, the Electric Vehicle Charging Station Rebate, and the Off-Peak EV Charging Rebate Program. To learn more about Glendale Water and Power's residential and business customer programs, visit:

[www.glendaleca.gov/residentialprograms](http://www.glendaleca.gov/residentialprograms)

[www.glendaleca.gov/businessprograms](http://www.glendaleca.gov/businessprograms)

Power Content Labels



Solar Interconnection



Residential Programs



Business Programs



## HOW YOU CAN STAY INFORMED

Glendale Water and Power will be hosting two additional community meetings in May, providing residents and businesses with an overview of the developed plan, and collecting feedback on how they can improve the plan.

### THESE MEETINGS WILL TAKE PLACE:

**Wednesday, May 15, 2024, 6:00 - 8:00 p.m.**  
**@ Adult Recreation Center**  
**201 E Colorado St, Glendale, CA 91205**

**Thursday May 30, 2024, 6:00 - 8:00 p.m.**  
**@ Sparr Heights Community Center**  
**1613 Glencoe Way, Glendale, CA 91208**



**Further Questions?**

Reach us at: [solar-der@glendaleca.gov](mailto:solar-der@glendaleca.gov).