



*Prince George's County*

# 7<sup>th</sup> GREEN SUMMIT

annual

DEPARTMENT OF THE ENVIRONMENT

2021

S U S T A I N A B I L I T Y



# SOLAR POWER AND ENERGY EFFICIENCY







# SOLAR: A CLEAN ENERGY SOLUTION

As one of our greatest renewable energy sources, solar is part of Pepco's commitment to a clean energy future. If you're interested in solar energy, here are a few things to keep in mind.



[youtu.be/0elhIcPVtKE](https://youtu.be/0elhIcPVtKE)



**The Office of Central Services, Sustainable Energy offers a variety of grants geared to solar energy.** The solar energy grant is coupled with state energy incentives, that provide assistance to ELIGIBLE residents to access the benefits of solar photovoltaic (PV) and/or solar water heater upon the successful implementation of energy-efficiency (electricity and natural gas) measures.

**Solar Energy Grant Eligibility:**

To qualify for the grant award, homeowners must:

1. Be a Prince George's County resident
2. Be a Pepco customer as evidenced by a copy of a recent utility bill.
3. 3. Live in a single-family, townhouse residence, or condominium that is individually metered (built before March 23, 2016), in one of the following designated Energy Resiliency Communities (ERC): Bladensburg - East Riverdale; Forestville; Hillcrest Heights - Marlow Heights; Kentland - Palmer Park; Oxon Hill – Glassmanor; Silver Hill; Suitland - Coral Hills; Langley Park; and Woodlawn – West Lanham.
  - a) **To confirm you are in one of the ERC communities, look up your address by using the ERC Address Locator: [bit.ly/ERClocator](https://bit.ly/ERClocator).**
4. Have proof of successful completion and implementation of energy efficiency measures through a comprehensive whole-house energy audit



# SOLAR PV GRANT

[Download Rooftop Solar Application \(PDF\) by clicking here.](#)

The incentive amount depends on whether the system is owned by the homeowner or a third-party:

1. If system is owned by the homeowner:
  1. Grant awards up to \$10,000 to cover eligible costs associated with installing a solar photovoltaic system.
  2. Grant awards up to \$2,000 to purchase and install a solar power outlet in case of grid failure.
2. For third-party owned systems:
  1. Grant awards up to \$2,000 to cover eligible costs associated with installing a solar photovoltaic system.
  2. Grant awards up to \$2,000 to purchase and install a solar power outlet in case of grid failure.

## Selecting a Solar Contractor

Residents are empowered to choose their own solar contractor to install their rooftop solar system. In order for a solar company to become a participating contractor as a part of the Solar PV grant, the company must be registered as a vendor of Prince George's County with the Contract Administration and Procurement Division.

***“OCS Sustainable Energy does not endorse, sponsor, or otherwise make any representation or warranty with respect to any contractor or the work, materials, or services provided by any contractor.”***

Please feel free to reach out to OCS Sustainable Energy staff with any question or concern pertaining to Clean Energy Program by calling 301-883-6450 or using their “Ask the Energy Coach” form at [mypgc.us/sustainableenergy](https://mypgc.us/sustainableenergy).





# SOLAR WATER HEATER GRANT

To qualify for the grant award, homeowners must:

1. Be a Prince George's County resident
2. Be a Washington Gas customer as evidenced by a copy of a recent utility bill.
  - a) access your Washington Gas' account through the portal by visiting [bit.ly/3b17pJK](https://bit.ly/3b17pJK).
3. Live in a single-family, townhouse residence, or condominium that is individually metered (built before March 23, 2016), in one of the following designated Energy Resiliency Communities (ERC):
  - a) Bladensburg - East Riverdale; Forestville; Hillcrest Heights - Marlow Heights; Kentland - Palmer Park; Oxon Hill – Glassmanor; Silver Hill; Suitland - Coral Hills; Langley Park; and Woodlawn – West Lanham.
  - b) **To confirm you are in one of the ERC communities, look up your address by using the ERC Address Locator: [bit.ly/ERClocator](https://bit.ly/ERClocator).**
4. Have proof of successful completion and implementation of energy efficiency measures through a comprehensive whole-house energy audit

**For more information, visit [mypgc.us/sustainableenergy](https://mypgc.us/sustainableenergy).**



## SUSTAINABLE ENERGY DIVISION

**The Office of Central Services, Sustainable Energy Division's** objective is to provide reliable and environmentally sound energy solutions that enhance the quality of life of Prince George's County residents' while concomitantly maximizing energy savings. The program coordinates the County's efforts to *reduce the 3 Cs of Energy: CONSUMPTION, COST, and CARBON EMISSIONS*.

### GOALS AND OBJECTIVES

- ✓ Reduce County-wide greenhouse gas (GHG) or carbon emissions by 80% below 2008 levels by 2050;
- ✓ Meet 20% of County government buildings electricity demand with distributed, renewable energy generation by 2022;
- ✓ Help grant recipients achieve at least 15% energy savings for energy efficiency projects and 10% energy savings for solar projects;
- ✓ Help grant recipients reduce energy consumption by 20% or greater for office buildings and multifamily dwellings.

### GUIDING THEMES

The County government has set forth actionable strategies in order to *lead by example* and help facilitate broad residents' participation in becoming more energy conscious and efficient throughout the community. The following themes have emerged that inform selection of strategies and measures.

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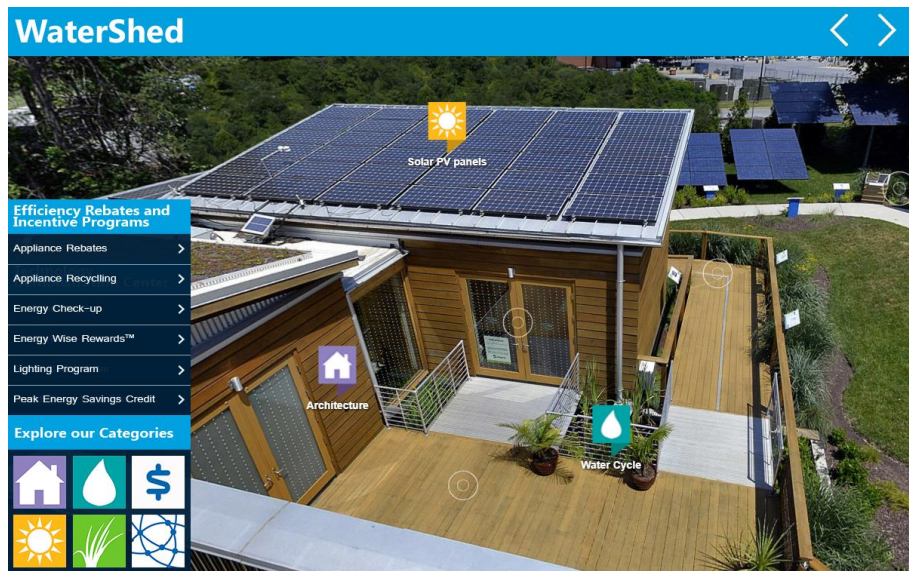


# DID YOU KNOW?

As part of Pepco's commitment to educate customers about energy-efficient and environmentally-friendly practices, they acquired a living classroom and laboratory for sustainable energy and water practices called the Pepco **WaterShed Sustainability Center**. Built by the University of Maryland, WaterShed won the U.S. Department of Energy's 2011 Solar Decathlon which challenges collegiate teams to design, build, and operate solar-powered houses that are cost-effective, energy-efficient, and attractive.

The interactive exhibit features a solar home and hands-on, interactive displays that educate visitors with energy-saving ideas they can apply in their own homes such as native landscaping, EV car charging station, energy check-ups and more!

Experience the **WaterShed Sustainability Center** with this 360-degree virtual tour:  
<http://explorer360.org/spheres/md/watershed/demo10.html>

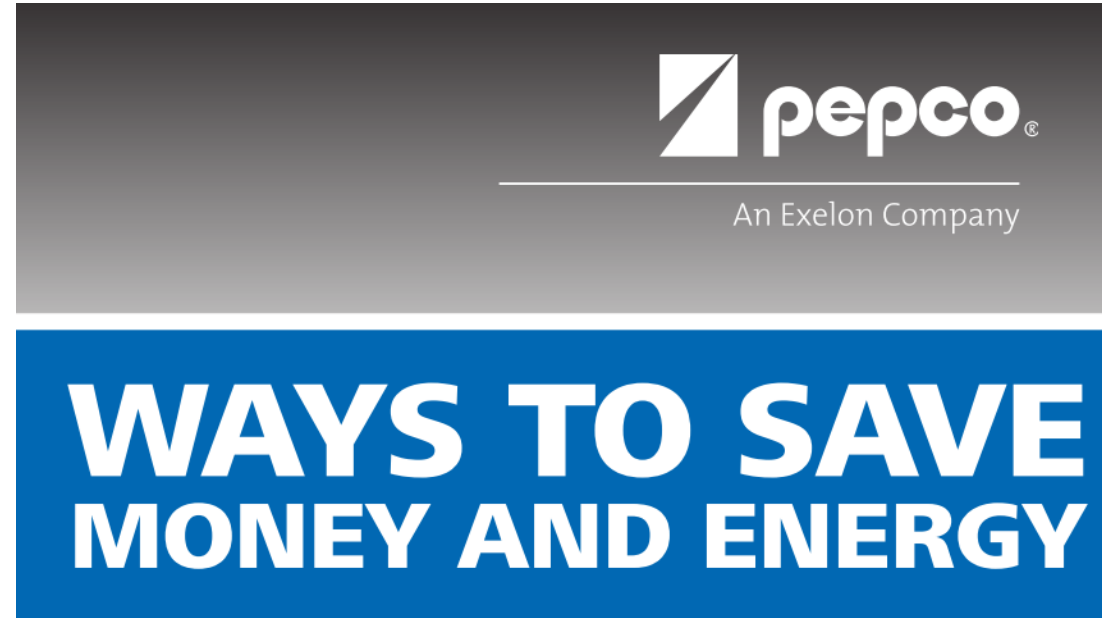


[youtu.be/mvkniFxNfJg](https://youtu.be/mvkniFxNfJg)





# ENERGY SAVING TIPS



[Click to view Pepco's "Ways to Save Money and Energy " brochure.](#)



# EMPOWER MARYLAND



[youtu.be/7RpZjBAvuHw](https://youtu.be/7RpZjBAvuHw)



# MARYLAND ENERGY ADMINISTRATION (MEA) RESOURCES

State & Local Resources:

<https://energy.maryland.gov/govt/Pages/resources.aspx>

EmPOWER Maryland energy efficiency programs:

<https://energy.maryland.gov/Pages/Facts/empower.aspx>

