

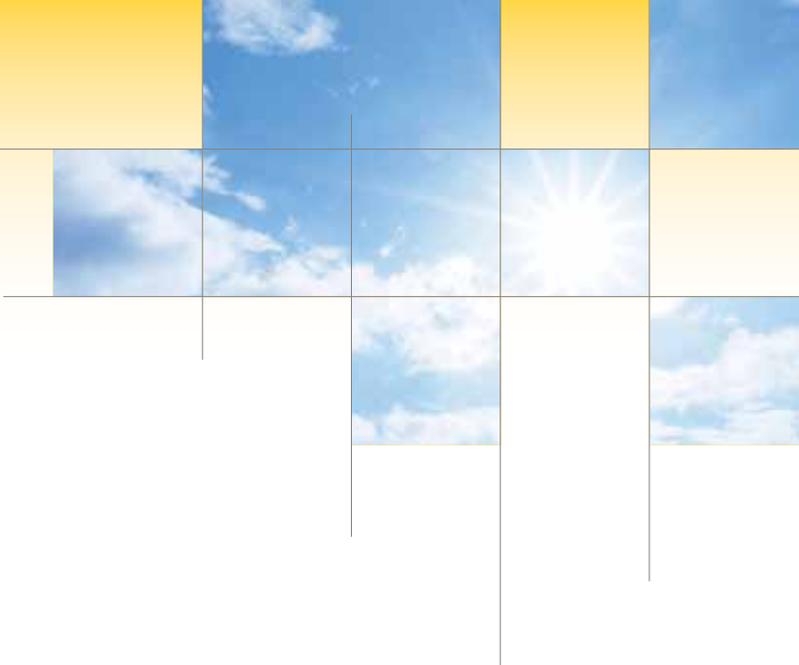
Green Energy Systems



Green Energy Systems is an established Central New Jersey based energy services firm that specializes in the design, construction and maintenance of solar power systems for mid to large businesses.

We stand by every solar system...
100%





About Us

Backed by the multi-disciplined experience of 60 employees, including 25 licensed professional engineers, GES brings over 30 years of engineering and construction expertise to you. Our principals are hands-on – available throughout the entire process – and will supervise your project from initial evaluation to online commissioning. Green Energy Systems is committed to serving you, our customer, and will make it our goal to ensure continuity and peace of mind during your solar project and beyond.

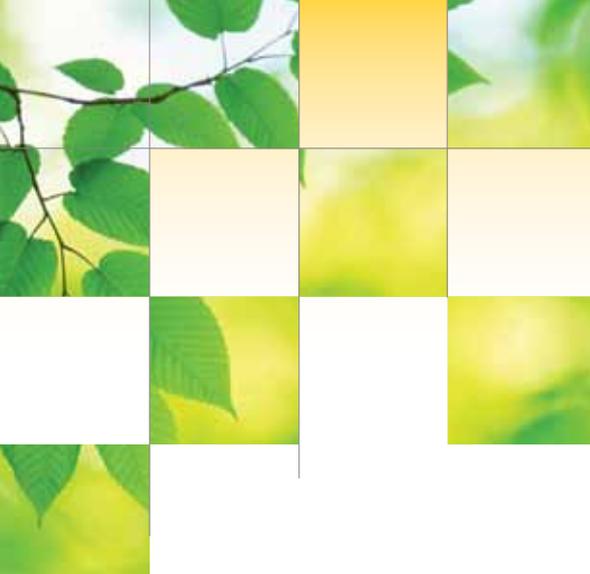
Green Energy Systems provides turn-key service, from initial system design, project management, permitting, installation, rebate assistance and final commissioning of your solar project. Our engineers evaluate your building's

structure, roof conditions and electrical systems when developing a design. Every system is optimized and incorporates the unique characteristics of the building to add maximum value to your property.

We work closely with our customers to help them understand their renewable energy options, local, state and federal requirements and the financial benefits they can achieve. Using our advanced valuations models, combined with creative financing options, we develop synergies between available tax credits/grants, utility incentives, solar renewable energy certificates (SRECs), and accelerated depreciation to dramatically reduce the payback period for your investment in renewable energy.



Our principals are hands on – available throughout the entire process – and will supervise your project from initial evaluation to online commissioning.



Benefits

Owning a solar system has a myriad of benefits. Some derive directly from the system itself, while others offer financial gains that transform unprofitable spaces into revenue-producing assets.

Building a well-planned and constructed solar system is more than just the “right thing to do” to help reduce your carbon footprint. There are countless other reasons why a solar system is a sound investment, as the following examples illustrate.

Fundamental

- Energy from the sun is an unlimited and abundant source of clean and renewable energy
- Low Maintenance (no moving parts)
- Silent, emission-free — has no environmental impact
- Predictable and reliable
- Reduces impact on the utility grid

Economic

- Transforms unprofitable space, such as a roof, into a revenue-producing asset
- Lowers operating costs by reducing electricity needs from the utility grid
- Hedge against rising energy costs and inflation
- Increases your property value (*Twenty times (20x) your 1st-year utility savings**) without increasing your property taxes
- Enjoy higher occupancy rates and higher rents with sustainable buildings

Green

- Reduces your carbon footprint
- Decreases reliance on foreign oil
- Conserves energy
- Assists in obtaining credits toward LEED Project Certification



How Green is Green?

100kW System kWh Generation

25-year kWh Production	2,750,000 kWh
Annual Production	110,000 kWh

Positive Impact of installed 100kW System

CO ₂ Emission Reduction	4,510,000 lb
Cars removed from the road	625 cars
Saved Forest land	6,853 acres

Assumes 25-year system life and average of 4.5 peak sun hours per day



Products & Services

Green Energy Systems is more than just solar. Our foundations are built on engineering and construction, which means we constantly research and utilize the best-in-class technologies and methodologies.

We maintain a strong focus on code compliance, and adhere to the highest professional and quality standards in our work. When you retain GES we provide:

- A Roof Diagnostic and Lifecycle Analysis
- Structural Engineering Analysis
- Solar Design and Engineering
- Project Management and Commissioning
- Data Monitoring and System Maintenance
- Bundled Warranty Services (Roof and Solar)

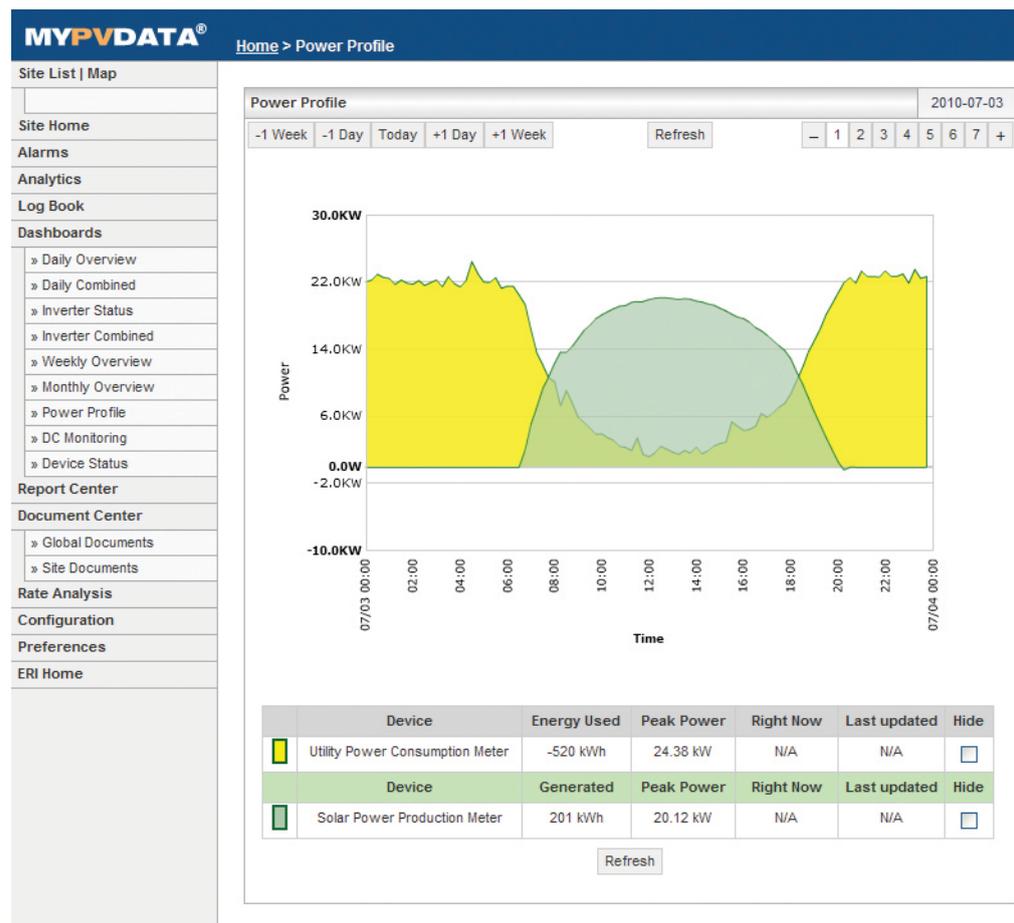




System Monitoring

Every system built by GES comes complete with real-time, web-based monitoring software and an on-site weather station. Owners can view their system's present and historical production and performance from anywhere they have web access.

In addition, the monitoring system also tracks on-site energy consumption, which can spotlight wasteful energy use.



What is PPA?

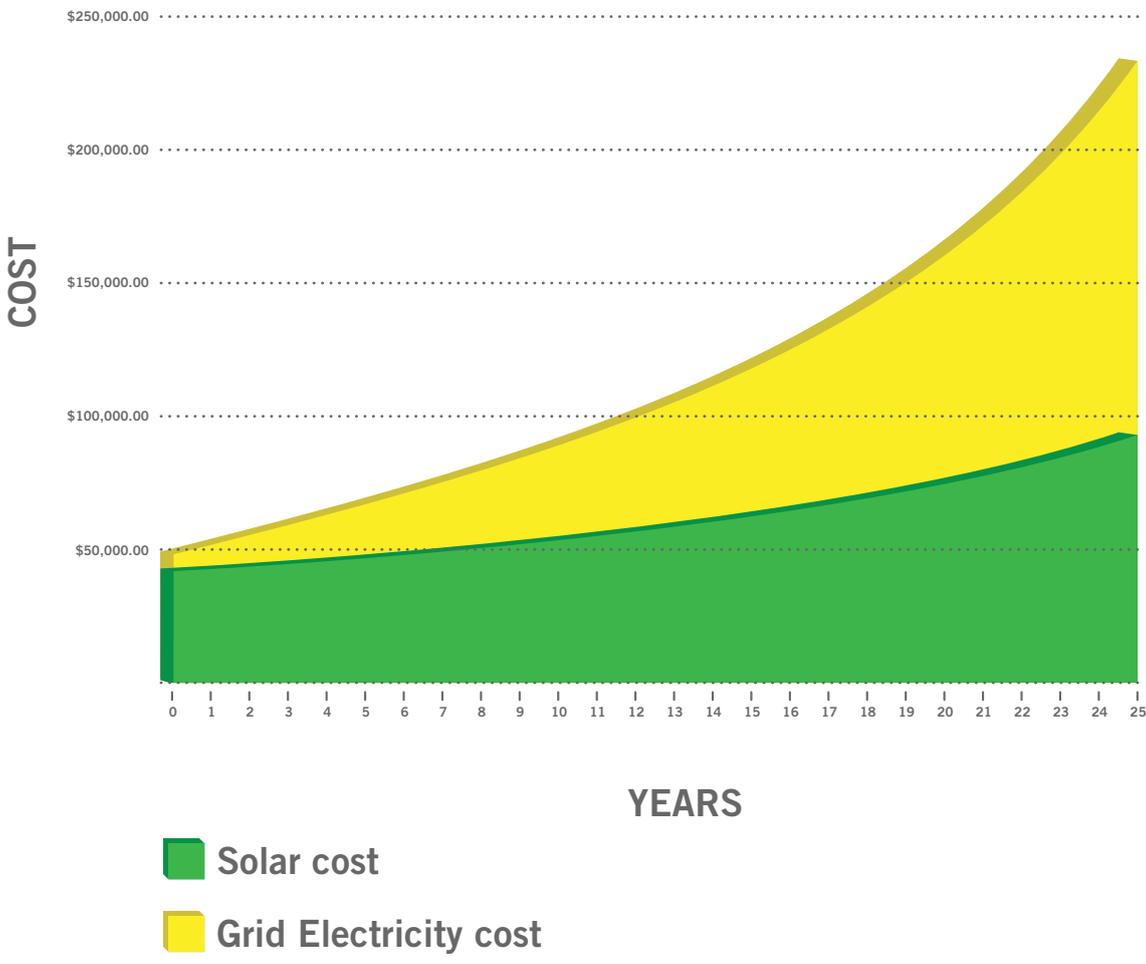
A PPA is an option for property owners to benefit from solar energy without any up-front costs or operating responsibility.

A Power Purchase Agreement (PPA) is a mechanism for organizations to lower energy costs and establish predictable long-term rates via on-site solar electricity without making a capital investment. In a PPA agreement, a third party owns and operates the solar power system.

The third party assumes responsibility for the design, construction and operation of the system. In return, all the clean energy produced by the solar system is sold at a reduced rate via a long-term agreement to the host facility.



Energy Inflation Costs

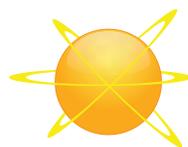




Contact Us

Green Energy Systems
777 New Durham Road
Edison, NJ 08817
732-429-1234
www.gesysllc.com





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