The POWERHOUSE™ Advantage

- Fully Integrated Aesthetics
- Simplified Installation
- Improved Roof Integrity
- Higher Customer Value

About POWERHOUSE™

The POWERHOUSE™ Solar Shingle is a revolutionary new roofing product that combines the performance and protection of a conventional asphalt roof with an integrated photovoltaic (PV) system that powers the home. The POWERHOUSE™ Solar Shingle protects the home like a standard roofing shingle while providing energy that saves the homeowner money. Behind a strong brand reputation and warranty, POWERHOUSE™ is transforming the residential market by making a solar installation as easy as installing an asphalt rooftop — all while maintaining the home’s attractiveness. RGS Energy can now serve the need of homeowners who want to go solar, but aren’t willing to accept the complexity and sub-optimal aesthetics currently offered by bulky, rack-mounted systems.

Product Details

The POWERHOUSE™ Solar Shingles are engineered to address the historical un-met needs of the residential homeowners by functioning differently from any other product available to homeowners with asphalt rooftops — which represent approximately 85 percent of U.S. homes. It operates as both a roof and solar product, and is installed directly onto the roof deck along with standard asphalt roofing shingles.

POWERHOUSE™ Solar Shingles are both the roof and the solar energy generator, and look like they actually belong on a home. Powerhouse is based upon technology developed by The Dow Chemical Company leading the introduction of Powerhouse 1.0 and 2.0 to the solar community. POWERHOUSE™ 3.0 is designed to address the critical customer and requirements and achieves a price point that will be very competitive.

Product Availability

Following anticipated UL certification for POWERHOUSE™ 3.0 during mid to late 2018, RGS will offer POWERHOUSE™ 3.0 to customers. Approximately a dozen states have been targeted for introduction of the POWERHOUSE™ product between now and the end of 2018. RGS will ramp up in each market as product quantities increase, and Professional networks are put in place.

While RGS plans to eventually make the POWERHOUSE™ Solar Shingles available more broadly across the U.S., initial launch states have been targeted because they have the best “solar landscape” — ones that currently offer the best combination of financial returns and receptivity to solar.
Product Overview

Harnessing the Sun’s Power / Building the Future

How to Get this Product on your roof

As a new roofing option, the best time to choose a POWERHOUSE™ solar roof is when a homeowner is purchasing a new home, or replacing an existing roof due to repair or replacement.

Local RGS Partners - national homebuilders, developers and professional roofing contractors who bring the POWERHOUSE™ Solar Shingles directly to U.S. homeowners:

- Full turnkey service to production homebuilders, utilities and developers.
- Professional network comprised of roofing contractors and homebuilders who are qualified service providers in their local market.

Competitive Pricing, Long-Term Value

An asphalt roof with POWERHOUSE™ Solar Shingles can be thousands of dollars less expensive than other integrated solar products installed with high cost tile or concrete roofing materials. POWERHOUSE™ is designed to integrate with lower cost asphalt roofing products, and when combined with discounts from incentives and tax credits, make POWERHOUSE™ a much more affordable option for American homeowners on a total roof basis.

As with many building-industry products, the cost to homeowners for the POWERHOUSE™ system will depend on the size and configuration of the home and desired power generation.

“Innovative Solutions for the solar industry”

Accolades for POWERHOUSE™ Solar Shingles

- 2014 Top 10 Most Innovative Companies in Energy by Fast Company
- 2013 GreenBuilder’s 50 Hot Products
- 2012 Top 10 Tech Breakthrough Award from Popular Mechanics
- 2012 Gold for Best New Product by the Edison Awards
- 2012 GLOBE Award for Environmental Excellence in Emerging Technology
- 2011 Editor’s Choice Award at the International Roofing Expo
- 2009 Time’s 50 Best Inventions of 2009
Company Overview

RGS Energy, since 1978 is a residential and small business commercial solar company with more than 25,000 solar power systems installed. RGS Energy makes it very convenient for customers to save on their energy bill by providing turnkey solar solutions - from system design, construction planning, customer financing assistance, installation, to interconnection and warranty.

RGS Awards and Recognition

America’s Original Solar Company® Celebrating 40 years
Solar Power World Top 100 Residential Solar Installers
Solar Power World Top 20 Colorado Solar Companies
Solar Power World Top 500 Solar Installers
Solar Reviews Top 100 Solar Installers
Colorado Biz Top 100 Colorado Public Companies

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