



Broward Rooftop Solar Challenge



Rooftop Photovoltaic Solar Made Easy!

COMING SOON
Fall of 2012!
Rooftop PV Solar Systems
Online Permitting

Broward Rooftop Solar Challenge

Soon, it's going to be easier than ever for Broward County residents and businesses to convert to solar energy. Go SOLAR Broward Rooftop Solar Challenge is a U.S. Department of Energy grant-funded program to encourage installation of rooftop photovoltaic (PV) solar systems by Broward County residents and businesses. The new program offers:

- ◆ a convenient online permitting system available 24/7
- ◆ one standard fee that saves you time and money
- ◆ pre-approved system designs that streamline the permit approval process

Benefits of Solar Energy

- ◆ Utility company rebates up to \$20,000 per system (based on system capacity).
- ◆ Federal tax credit for up to 30 percent of the residential system cost.
- ◆ Reduced cost of energy.
- ◆ Cleaner source of energy.
- ◆ Reduced greenhouse gas emissions.

We Need You!

- ◆ Solar and Electrical Contractors
- ◆ Municipalities
- ◆ Design Professionals
- ◆ Solar Vendors
- ◆ Academia
- ◆ Local Trade Associations
- ◆ Homeowners
- ◆ Business Owners

Community involvement can help fulfill the objectives of the U.S. Department of Energy Go SOLAR Broward Rooftop Solar Challenge grant. We invite you to choose a committee where you can contribute and get involved today by emailing gosolar@broward.org. Committees include:

- ◆ **Permitting** - develop a streamlined, on-line permitting process.
- ◆ **Planning & Zoning** - identify and eliminate restrictive zoning barriers.
- ◆ **Financing** - explore ways to improve financing options.
- ◆ **Outreach** - educate the community about the economic and environmental benefits of solar power.





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Broward County Example: Residential PV System*	
System's Output Power: 3.15 KW	Estimated Annual Solar Energy Use: 4,570 kWh
Powers 60% of the Home	
Up Front Cost	\$26,002
Rebates/Tax Credits	\$14,600
Potential Cost Savings based on DOE Estimates (30% of total system cost saved through reduction in soft costs via Go SOLAR implementation)	\$ 7,801
Net Cost	\$ 3,601
Estimated annual savings on FPL bill	\$ 640
<i>100% payback in 6 years (assuming 30% non-hardware cost reduction)</i>	
Total estimated cost savings over life of system (25 years)	\$12,400
Greenhouse gas reductions for the life of the system (which is the same as the electricity used by 10 homes in a year)	80 Metric Tons

* Data based on actual 2008 Broward County home solar system installation.

A Service of the Broward County Board of County Commissioners

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Participating Cities:

Coconut Creek

Dania Beach

Davie

Deerfield Beach

Fort Lauderdale

Hallandale Beach

Hillsboro Beach

Lauderdale-by-the-Sea

Miramar

North Lauderdale

Oakland Park

Pompano Beach

Sunrise

Tamarac

Unincorporated Broward County

This public document was promulgated at a cost of \$000.00 or \$0.000 per copy, to inform the public about the Go SOLAR Broward Rooftop Solar Challenge. In addition, the purpose of this document is to provide general information to the public regarding solar photovoltaic (PV) systems and should not be construed as engineering advice. Consumers are advised to consult with a licenced contractor for individual guidance.

Making Solar Energy Easy!