

# City of Hollywood Green S.W.E.E.P

Hollywood, Florida



Annual Energy Savings  
over 228,000 kWh



In Hollywood we are constantly pursuing opportunities to adopt innovative and environmentally friendly practices. This project shows how solar and wind power can be used in a very practical way to reduce traditional power consumption and save money."

**Peter J.M. Bober,**  
*City of Hollywood Mayor*

## Project Background

The City of Hollywood received a \$1.3 million grant through the Energy Efficiency & Conservation Block Grant Program as part of the American Recovery and Reinvestment Act. This federal stimulus funding was designed to create jobs and increase the use of renewable energy.

The City of Hollywood has partnered with Energy Systems Group (ESG), to develop this renewable energy project: Hollywood Green S.W.E.E.P. (Solar Wind Energy Efficiency Project) includes the installation of solar panels capable of generating 140 kW of solar photovoltaic capacity and wind turbines with a total generation capacity of 4kW.

Hollywood Green S.W.E.E.P. will reduce the City's energy costs and carbon emissions and serve as an example of how renewable energy technologies can be used in the public and private sectors to help reduce dependence on fossil fuels.

## Strategies & Solutions

A total of 140 kW of solar photovoltaic generation capacity will be installed at City Hall, the Hollywood Beach Culture & Community Center and Fire Stations 74 & 105. Additionally wind turbines with total generation capacity of 4 kW will be installed at the Hollywood Beach Culture & Community Center.

New Energy Efficient Reflective Cool Roofs will also be installed at City Hall and the Hollywood Beach Culture & Community Center.

Once the project is completed, the City's website, [www.hollywoodfl.org](http://www.hollywoodfl.org), will link visitors to the Hollywood S.W.E.E.P. webpage where they can view in real time the amount of wind and solar energy being generated at the four facilities. Approximately 80 elementary students participated in the Hollywood Green S.W.E.E.P. kick-off event which included a solar demonstration trailer from Advanced Green Technologies that shows how energy from the sun can power a traditional kitchen. To read more about Hollywood Green S.W.E.E.P, visit [www.energysystemsgroup.com/hollywood](http://www.energysystemsgroup.com/hollywood).

## Environmental Benefits

Carbon footprint reduced by 548,427 pounds of CO<sub>2</sub> annually or any of the following:

- Removal of emissions from more than 32 cars annually
- Planting more than 66 acres of trees annually

