



FPL's Martin Next Generation Solar Energy Center

## World's First Hybrid Solar Energy Center



### Quick Facts:

- » First hybrid solar facility in the world to directly connect to an existing combined-cycle natural gas power plant to offset fossil-fuel usage
- » Largest solar thermal plant in the eastern United States, generating enough power to serve about 11,000 homes
- » During construction, created more than 1,000 direct jobs, the majority of which were filled by Floridians
- » Estimated to save customers \$178 million in fuel costs over its lifetime



For more information about FPL's Martin Next Generation Solar Energy Center, visit [www.FPL.com/solar](http://www.FPL.com/solar)



## FPL's Martin Next Generation Solar Energy Center

# Clean Energy for the Next Generation

*Emissions-free solar power and other renewable sources are helping Florida secure its energy future by reducing the amount of fossil fuels we use*

### Facts

- » FPL's Martin Next Generation Solar Energy Center is the first hybrid solar facility in the world to directly connect to an existing combined-cycle natural gas power plant
- » At 75 megawatts, the center is the largest solar thermal power plant in the eastern United States
- » Construction commenced in December 2008
- » Entered commercial operation in December 2010
- » Completed ahead of schedule and more than \$75 million under budget
- » More than 190,000 mirrors are used to harness the sun's energy
- » Encompasses 500 acres at FPL's Martin Plant near Indiantown, Fla.

### Benefits

- » Annual estimated generation is 155,000 megawatt hours, enough power to serve about 11,000 homes
- » During construction, the project provided more than 1,000 direct jobs, the majority of which were filled by Floridians
- » Over its lifetime, the solar facility will:
  - Generate an estimated \$78 million in new tax revenue for Martin County's government and schools
  - Reduce fossil-fuel usage by approximately 41 billion cubic feet of natural gas and 600,000 barrels of oil
  - Save FPL customers an estimated \$178 million in fuel costs
  - Prevent 2.75 million tons of greenhouse gases, equivalent to removing more than 18,700 cars from the road every year for 30 years

