

2009

A Year of Progress



Jan.

Cold weather efficiency tips: Progress Energy offers cold weather energy-saving tips during the winter peak.
Solar thermal partnership with EPRI: Project at the Mayo Plant to study the fuel offset potentials at coal plants by adding solar thermal technology.
Plug-in bucket truck: Progress Energy receives the Southeast's first plug-in hybrid bucket truck.

Feb.

Plug-in hybrid testing partnership: Progress Energy joins Ford in a national plug-in hybrid testing program using the new plug-in hybrid Ford Escape. The company is testing two of these vehicles. The program is part of a commitment to prepare the electric grid for the adoption of electric vehicles in future years.
Project Get Ready: Progress Energy is a founding partner with the City of Raleigh in Project Get Ready, an initiative by the Rocky Mountain Institute to help municipalities get ready for electric vehicles. Raleigh was one of the first three cities to join this nationwide project.

March

Biofuel testing: Progress Energy conducted a successful test burn of a biofuel at its Bartow plant in Florida, as part of its ongoing commitment to developing alternative and renewable energy resources.

April

Sutton Plant solar array: A 1.2 megawatt (MW) solar array is placed into service at the Sutton Plant in Wilmington.
SolarSchools partnership: Progress Energy and the Carolina Hurricanes launch the SolarSchools program, which provides education on energy conservation and renewable energy. A competition component offers five winning schools each a permanent 2-kilowatt (kW) solar array for ongoing education.
Energy Efficiency for Business launches: PEC launches the Energy Efficiency for Business program, which provides financial incentives to businesses that make energy-efficiency improvements to their buildings.
Solar Water Heating pilot approved: PEC receives approval from the N.C. Utilities Commission for a pilot program to study solar water heating systems and their impact on residential energy use. Participants in the program will receive a \$1,000 incentive to participate.
Home Energy Improvement Program: PEC receives approval for the Home Energy Improvement Program which offers residential customers in existing homes a comprehensive array of incentives for energy-efficiency improvements to their homes.
Solar array partnership in Person County: PEC announces agreement for Carolina Solar Energy to build a grid-tied 650-kW solar photovoltaic (PV) plant near Roxboro, N.C.
EnergyWise launches: PEC launches EnergyWise, a voluntary load control program for residential customers that helps to manage energy consumption during periods of high demand by cycling air-conditioning units off and on for brief periods. Asheville-area customers can also enroll hot water heaters and heat pumps

May

Corporate Responsibility Report: Progress Energy issues its third corporate responsibility report, reflecting the company's commitment to transparent communication on important business issues such as environmental performance, financial management and community partnerships.
Investment in energy education in public schools: Progress Energy Foundation announces investment of more than \$600,000 in the Carolinas this year to support energy education, including alternative energy and energy efficiency.
Nissan MOU: Progress Energy signed a memorandum of understanding with Nissan to prepare the way for electric vehicles and bring Nissan's new technology to market in North Carolina.

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June

SunSenseSM initiative launches: Progress Energy unveils SunSense, an expanded solar energy strategy in the Carolinas and Florida -- including a range of new residential and commercial solar incentives and programs.

South Carolina efficiency programs approved: PEC receives approval from the Public Service Commission of S.C. for eight new energy-efficiency and demand-response programs for customers in the Palmetto State.

Energy Star[®] Leadership in Housing award: Progress Energy is selected by the U.S. EPA as a recipient of the 2009 Energy Star Leadership in Housing award for its efforts to promote energy-efficient construction and environmental protection in the Carolinas.

Seasonal energy-saving tips: PEC provides energy-saving tips to the public, media and social media participants.

Celebration of Clean Air: Progress Energy announces the completion of its multi-year, \$1 billion investment in state-of-the-art emissions control technologies (scrubbers) on its largest coal plants in North Carolina.

SunSense Commercial PV launches: PEC launches SunSense Commercial PV, a program providing incentives to non-residential customers that install rooftop-mounted PV systems ranging in size from 10 to 250 kilowatts (kW).

SunSense Commercial Solar Water Heating launches: PEC launches this program to provide incentives for commercial installations of rooftop-mounted solar water heating systems ranging in size from 1,200 to 4,000 square feet of collector area (roughly 30 to 100 solar thermal panels).

City of Raleigh solar array: PEC signs an agreement with Southern Energy and NxGen Power to build, own and operate a 1.3-MW solar PV array on City of Raleigh property at the Neuse River Wastewater Treatment Plant.

Home Energy Improvement Program launches: PEC launches the Home Energy Improvement Program which offers residential customers in existing homes a comprehensive array of incentives for energy-efficiency improvements to their homes.

Customized Home Energy Report launches: PEC launches a free, online resource that provides customers with a comprehensive, personalized evaluation of their household energy usage and recommendations on energy-efficiency improvements and practices.

SunSenseTM Solar Water Heating study launches: PEC launches a solar water heating study program to evaluate solar water heating systems and their impact on residential energy use. Participants in the program will receive a \$1,000 incentive to participate.

Electric vehicle stimulus grant: Progress Energy, along with Ford and GM, receive approval for an economic stimulus grant for electric vehicle research.

“Beat the Heat” tweets launch on Twitter: Progress Energy launches the EnergyAdvisors program, with “Beat the Heat” tweets on Twitter to provide users with energy efficiency tips and information.

Seasonal energy-saving tips: PEC provides summer energy-saving tips to the public, media and social media participants.

Laurinburg solar power plant: PEC signs an agreement with MP2 Capital in which MP2 will build and operate a 2.3 megawatt solar PV array in Laurinburg and sell the output to Progress Energy Carolinas for distribution to its customers.

Smart Grid grant application submitted: Progress Energy announces its application for \$200 million in federal infrastructure funds in support of the company's investment in an electric Smart Grid in the Carolinas and Florida.

Coal-fired plant to shut down: PEC announces a plan to seek state regulatory approval to build a new, state-of-the-art natural gas-fueled facility near Goldsboro and permanently shut down three coal-fired power plant units at the site.

Person County solar array online: PEC announces that the 650-kW solar PV array in Person County is now online and producing electricity.

July

Aug.

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Sept.

Dow Jones Sustainability Index: For the fifth year in a row, Progress Energy is named to the Dow Jones Sustainability North America Index, which lists companies that lead their industries in managing economic, environmental and social issues.

Integrated Resource Plan: PEC files its annual Integrated Resource Plan (IRP), including aggressive energy-efficiency goals and renewable energy to meet future energy needs. The IRP also considers future carbon and mercury regulation in its assumptions.

Oct.

Wayne County Energy Complex: The N.C. Utilities Commission (NCUC) approves Progress Energy Carolinas' plan to build new natural gas-fueled power generation in Wayne County to replace a three-unit coal-fired plant that the utility will retire in 2013.

Progress Energy SunSense™ schools program finalists announced: Twelve schools across the Carolinas are selected as finalists in the program.

Truck stop electrification station unveiled: Progress Energy and Big Boys Truck Stop in Kenly, N.C., unveil the East Coast's first Shorepower truck electrification stations that will reduce air pollution and save fuel.

National electric vehicle pledge: Progress Energy joins with its peer investor-owned electric utilities in a national pledge to help accelerate the transition of plug-in electric vehicles from the blackboard to the blacktop.

\$200 million Smart Grid grant selection: Progress Energy's Smart Grid grant application is selected by the U.S. Department of Energy as part of the federal stimulus package.

Neighborhood Energy Saver launches in Asheville: PEC launches the Neighborhood Energy Saver program in Asheville. The program offers energy-efficiency upgrades and information to low-income residential customers.

Tryon Palace land remediation: Progress Energy Carolinas completes the environmental remediation at an industrial site in New Bern, N.C., and donates the land to the N.C. Department of Cultural Resources.

Madison County wind turbine unveiled: Progress Energy unveils the first rural wind power education program east of the Mississippi River.

CIG Demand Response launches: Program targets commercial, industrial and government customers to help manage the existing power supply during times of unusually high demand. Participants receive ongoing incentives.

Nov.

Biofuel partnership: Progress Energy and Blue Ridge Biofuels partner to install a biodiesel station in Asheville.

Dec.