

SANTEE COOPER
**FINGERTIP
FACTS**
2014

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Who We Are

Santee Cooper is South Carolina's state-owned electric and water utility. Known formally as the South Carolina Public Service Authority, we were created in 1934 as a rural electrification and public works project. The Santee Cooper Hydroelectric and Navigation project was completed in February 1942 when Santee Cooper generated its first electricity. The project saw the creation of lakes Marion and Moultrie, along with 42 miles of dams and dikes, and the world's highest single-lift navigation lock.

Santee Cooper is a public-power provider and South Carolina's largest electricity producer. We are the primary source of electricity for approximately 2 million people in all 46 counties of the state. We serve more than 171,500 residential and commercial customers directly in Berkeley, Georgetown and Horry counties. We also supply electricity to the state's 20 electric cooperatives, the cities of Bamberg and Georgetown, 27 large industrial customers, Joint Base Charleston, the Alabama Municipal Electric Authority, and the 10 member cities that form the Piedmont Municipal Power Agency.

Santee Cooper is South Carolina's leader in generating renewable power, with more than 132 megawatts online or under contract. We also are helping customers use less electricity through our Reduce The Use energy-efficiency program. We provide wholesale water through the Santee Cooper Regional Water System and Lake Marion Regional Water System.

Santee Cooper is governed by 12-member board of directors appointed by the governor, vetted by the Senate Public Utilities Review Committee, and confirmed by the state Senate. The board is comprised of directors representing each of the state's seven congressional districts; one from each of the three direct-serve counties; two directors with previous electric cooperative experience; and a chairman appointed at large.

The mission of Santee Cooper is to be the state's leading resource for improving the quality of life for the people of South Carolina.

To fulfill this mission, Santee Cooper is committed to:

- Producing and distributing low-cost, reliable energy, water and other essential services
- Providing excellent customer service
- Operating according to the highest ethical standards
- Maintaining a quality workforce
- Being a steward of the environment
- Being a leader in economic development

Santee Cooper Values

Our values are the deep-rooted principles that form the foundation of who we are and demonstrate how we conduct ourselves with all our stakeholders. At Santee Cooper, we hold ourselves accountable to embody these values in every branch of business.

respect

We treat others the way we want to be treated and respect their viewpoints, ideas and thoughts.

quality

We deliver reliable and affordable products and services.

innovation

We apply visionary thinking, creativity and adaptability to our work. Our culture embraces change and encourages diverse ideas.

safety

Safety is critical in everything we do.

stewardship

We care for those things in which we have been entrusted and take seriously our commitment to the future.

relationships

Our family culture fosters a teamwork atmosphere in which open communication, partnerships and trust thrive.

integrity
We are honest, trustworthy, respectful and ethical.



These values have served us in our mission to be the state's leading resource for improving the quality of life for all South Carolinians. Our mission, values, strategic plan and goals build upon one another to provide a persistent vision for Santee Cooper.

Board of Directors

W. LEIGHTON LORD III
Chairman
Columbia, S.C.

Director Lord is a partner at Nexsen Pruet law firm in Columbia.

WILLIAM A. FINN
1st Vice Chairman
1st Congressional District
Charleston, S.C.

Director Finn is chairman of AstenJohnson Inc., a specialty textile company for the printing and papermaking industries based in Charleston.

BARRY D. WYNN
2nd Vice Chairman
4th Congressional District
Spartanburg, S.C.

Director Wynn is president of Colonial Trust Co., a private trust company specializing in investment management and estate services.

KRISTOFER D. CLARK
3rd Congressional District
Easley, S.C.

Director Clark is owner of Pristine Properties LLC and a broker at Easlan Capital.

MERRELL W. FLOYD
7th Congressional District
Conway, S.C.

Director Floyd retired in 2005 as staff coordinator at Horry Electric Cooperative.

CATHERINE E. HEIGEL
At-Large
Greenville, S.C.

Director Heigel is the general counsel and corporate strategies officer with Elliott Davis LLC, a full-service accounting, tax, and business advisory firm.

J. CALHOUN LAND IV
6th Congressional District
Manning, S.C.

Director Land is a partner in Land, Parker and Welch, a general practice firm in Manning.

PEGGY H. PINNELL
Berkeley County
Moncks Corner, S.C.

Director Pinnell is the owner of Peggy H. Pinnell Insurance Agency, a State Farm agency in Moncks Corner.

Board of Directors (continued)

DAN J. RAY
Georgetown County
Pawleys Island, S.C.

Director Ray is a managing director and the global head of project finance for Jefferies LLC.

DAVID F. SINGLETON
Horry County
Myrtle Beach, S.C.

Director Singleton is president of Singleton Properties, a real estate investment and sales firm.

JACK F. WOLFE JR.
2nd Congressional District
Chapin, S.C.

Director Wolfe is a past president and CEO of the Mid-Carolina Electric Cooperative in Lexington, S.C..

Director Cecil E. Viverette's term expired effective May 1, 2014.

The South Carolina Senate on May 1, 2014, confirmed Directors Merrell W. Floyd, Catherine E. Heigel, Dan J. Ray and Jack F. Wolfe Jr. to the Santee Cooper Board of Directors and reappointed Directors Kristofer Clark and J. Calhoun Land IV.

The 5th Congressional District seat is vacant.

Advisory Board

Nikki Haley
Governor

Alan Wilson
Attorney General

Mark Hammond
Secretary of State

Richard A. Eckstrom
Comptroller General

Curtis M. Loftis Jr.
State Treasurer

Executive Leadership

Lonnie N. Carter	<i>President and Chief Executive Officer</i>
Jeffrey D. Armfield	<i>Senior Vice President and Chief Financial Officer</i>
J. Michael Baxley ¹	<i>Senior Vice President and General Counsel</i>
Michael R. Crosby ²	<i>Senior Vice President, Nuclear Energy</i>
Robert B. Fleming Jr.	<i>Senior Vice President, Power Delivery</i>
L. Phil Pierce	<i>Senior Vice President, Generation</i>
Marc R. Tye	<i>Senior Vice President, Customer Service</i>
Pamela J. Williams ³	<i>Senior Vice President, Corporate Services</i>

Management

S. Thomas Abrams	<i>Vice President, Planning and Power Supply</i>
Michael C. Brown	<i>Vice President, Wholesale and Industrial Services</i>
Glenda W. Gillette	<i>Vice President and Controller</i>
Jane H. Hood	<i>Vice President, Fuels Strategy and Supply</i>
Thomas L. Kierspe	<i>Vice President, Environmental, Property and Water Systems Management</i>
Richard S. Kizer	<i>Vice President, Public Affairs</i>
J. Michael Poston	<i>Vice President, Retail Operations</i>
Suzanne H. Ritter	<i>Treasurer and Vice President, Corporate Planning</i>
Arnold R. Singleton ⁴	<i>Vice President, Administration</i>
Laura G. Varn	<i>Vice President, Human Resource Management</i>
Elizabeth H. Warner	<i>Vice President, Legal Services and Corporate Secretary</i>

Auditor

Kenneth W. Lott III

Employees

Number of employees..... 1,743

In its 2014 annual report, the South Carolina Human Affairs Commission ranked Santee Cooper first among all state agencies and also agencies with 1,000 or more employees reporting for consistent recruitment and retention of a diverse work force.

¹J. Michael Baxley was named Senior Vice President and General Counsel effective July 1, 2014.

²Michael R. Crosby was named Senior Vice President, Nuclear Energy effective May 1, 2014.

³Pamela J. Williams was named Senior Vice President, Corporate Services effective May 1, 2014.

⁴Arnold R. Singleton was named Vice President, Administration effective May 5, 2014.

Santee Cooper Regional Water System

Location	Moncks Corner, S.C.
Construction cost	\$34.7 million
Commercial operation	Oct. 1, 1994
Capacity of treatment plant	36 million gallons per day (mgd) ¹
Miles of pipeline	26
Size of elevated storage tank	1 million gallons
Size of ground storage	10 million gallons
Water supply	Lake Moultrie
Wholesale water sold to.....	Lake Moultrie Water Agency ²
Population served:	163,489

¹The water treatment plant is undergoing an expansion to increase capacity to 42 mgd.

²The Lake Moultrie Water Agency sells the water to the city of Goose Creek, Berkeley County Water & Sanitation, the Moncks Corner Public Works Commission, and the Summerville Commissioners of Public Works.

Lake Marion Regional Water System

Location	Santee, S.C.
Construction cost	\$36 million
Commercial operation	May 1, 2008
Capacity of treatment plant	8 mgd
Miles of pipeline	27.7 ³
Size of elevated storage tank	1 million gallons
Size of ground storage	4 million gallons
Water supply	Lake Marion
Wholesale water sold to.....	Lake Marion Regional Water Agency ⁴
Population served:	2,771

³A pipeline from Holly Hill to Harleyville is under construction.

⁴The Lake Marion Regional Water Agency is comprised of Berkeley, Calhoun, Dorchester, and Orangeburg counties, and the town of Santee.

Lake Information

	Lake Marion	Lake Moultrie
Acres	100,607	59,874
Maximum elevation	76.8 feet	75.5 feet
Capacity of Lakes Marion and Moultrie: 756 billion gallons		
Length of dams and dikes: 40 miles		
Length of Tailrace Canal: 4 miles ⁵		
Length of Diversion Canal: 5 miles		
Pinopolis Lock: 75 feet deep, 180 feet long, 60 feet wide		
⁵ Ends at Old Santee Canal Park		

Comparative Highlights

	2014	2013	Percent Change
Power Generated (GWh)	23,327	21,791	7
Purchases Less Losses			
Wheeling and Losses (GWh).....	4,065	4,607	-11.8
System Energy			
Requirements (GWh)	27,392	26,398	3.8
Territorial Peak			
Demand (MW)	5,673	5,029	12.8
Operating Revenue			
(thousands of dollars)	\$1,997,347	\$1,816,576	10

Sources of Income – 2014	Percent
Wholesale	59
Military and Large Industrial	20
Retail	20
Other Income	0
Other Electric Revenue	1
TOTAL INCOME	100

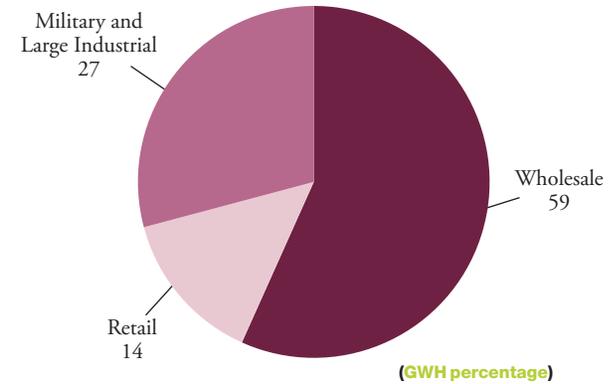
Distribution of Income – 2014	Percent
Operating Expenses (except depreciation) ¹	71
Debt Service	19
Additions to Plant, Inventories, Etc	9
Payment to State ¹	1
TOTAL EXPENSES	100

¹ Does not include payments made from Special Reserve Fund

Santee Cooper Power

Where It Goes: 2014 Energy Sales

Customer Type	GWh Total	Number of Customers
Wholesale.....	16,151	4
Military and Large Industrial.....	7,343	28
Retail.....	3,859	171,507
Total.....	27,353	171,599



Santee Cooper Power

Where It Comes From:

Generating Facilities	Location
Anderson County Generating Station (3 MW)	Belton
Bennettsville Biomass ¹ (38 MW)	Bennettsville
Berkeley Landfill Generating Station (3 MW)	Moncks Corner
Buzzard Roost Hydroelectric Station ² (8 MW)	Chappells
Colleton Solar Farm ³ (3 MW)	Walterboro
Cross Generating Station (2,350 MW)	
Unit 1	Pineville
Unit 2	Pineville
Unit 3	Pineville
Unit 4	Pineville
Georgetown Landfill Generating Station (1 MW)	Georgetown
Grand Strand Solar Station (311kW)	Myrtle Beach
Hilton Head Combustion Turbines (90 MW)	
Unit 1	Hilton Head Island
Unit 2	Hilton Head Island
Unit 3	Hilton Head Island
Horry Landfill Generating Station (3 MW)	Conway
Jefferies Generating Station (127 MW)	
Hydro Units 1, 2, 3, 4, & 6	Moncks Corner
Jefferies Generating Station (84 MW)	
Units 1 and 2	Moncks Corner
Lee Landfill Generating Station (11 MW)	Bishopville
Myrtle Beach Combustion Turbines (75 MW)	
Units 1 and 2	Myrtle Beach
Units 3 and 4	Myrtle Beach
Unit 5	Myrtle Beach
Pinelands Biomass ⁴ (35.6 MW)	
Allendale County	Allendale
Dorchester County	Harleyville
Rainey Generating Station (977 MW)	
Combined Cycle Unit 1	Iva
Combustion Turbine 2A	Iva
Combustion Turbine 2B	Iva
Combustion Turbine 3	Iva
Combustion Turbine 4	Iva
Combustion Turbine 5	Iva

¹ Owned by Domtar Paper.

² Owned by Greenwood County.

³ Owned by TIG Sun Energy.

⁴ Owned by EDF Renewable Energy.

Summer Generating Capability	Fuel	Began Commercial Operation
3 MW	Landfill methane gas	2008
38 MW	Biomass	2010
3 MW	Landfill methane gas	2011
8 MW	Hydro	2006 ¹
3 MW	Solar	2013
580 MW	Coal	1995
570 MW	Coal	1983
600 MW	Coal	2007
600 MW	Coal	2008
1 MW	Landfill methane gas	2010
311 kW	Solar	2011
19 MW	Oil	1973
19 MW	Oil	1974
52 MW	Oil	1979
3 MW	Landfill methane gas	2001
127 MW	Hydro	1942
84 MW	Oil	1954
11 MW	Landfill methane gas	2005
16 MW	Oil/Gas	1962
38 MW	Oil	1972
21 MW	Oil	1976
17.8 MW	Biomass	2013
17.8 MW	Biomass	2013
460 MW	Gas	2002
146 MW	Gas	2002
146 MW	Gas	2002
75 MW	Gas	2004
75 MW	Gas	2004
75 MW	Gas	2004

¹ Year Santee Cooper entered into a lease agreement with Greenwood County.

Santee Cooper Power

Where It Comes From:

Generating Facilities	Location
Richland Landfill Generating Station (8 MW)	Elgin
Santee Spillway Generating Station (2 MW)	Pineville
Southeastern Power Association (319 MW)	Various
St. Stephen Powerhouse ¹ (84 MW)	St. Stephen
V.C. Summer Nuclear Station (318 MW)	Jenkinsville
Winyah Generating Station (1130 MW)	
Unit 1	Georgetown
Unit 2	Georgetown
Unit 3	Georgetown
Unit 4	Georgetown

¹ Owned by U.S. Army Corps of Engineers

System Ratings

Area rated	Percent
Distribution Reliability	99.9966
Transmission Reliability	99.9986
Generation Availability Factor	90.02

Safety

In 2014, Santee Cooper had a 98.2 percent incident-free safety rating with 32 injuries and preventable motor vehicle accidents.

Summer Generating Capability	Fuel	Began Commercial Operation
8 MW	Landfill methane gas	2006
2 MW	Hydro	1950
319 MW	Hydro	1985 ¹
84 MW	Hydro	1985
318 MW ²	Nuclear	1983
275 MW	Coal	1975
285 MW	Coal	1977
285 MW	Coal	1980
285 MW	Coal	1981

5,669.9 MW – Total summer generating capability (5,182 MW are owned by Santee Cooper)

¹ Year Santee Cooper entered into its contract with SEPA

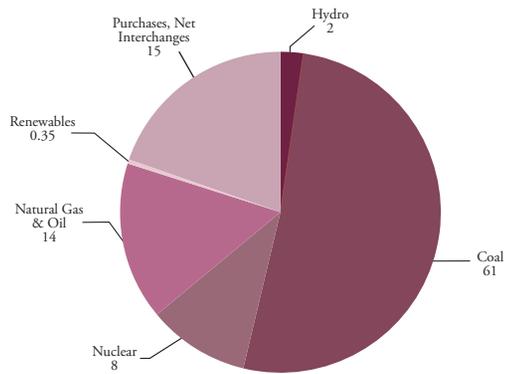
² Santee Cooper's one-third ownership share

Residential Satisfaction Ratings

Category	Percent
Residential	98.7
Average national satisfaction rating	85.6

Total Energy Supply (Percentage)

Year	Hydro	Coal	Nuclear
2014	2	61	8
2013	2	53	11
2012	1	58	9
2011	1	71	9
2010	2	75	10
2009	2	78	9
2008	1	77	9
2007	1	81	10
2006	1	77	10
2005	2	73	10
2004	2	75	11
2003	3	76	10



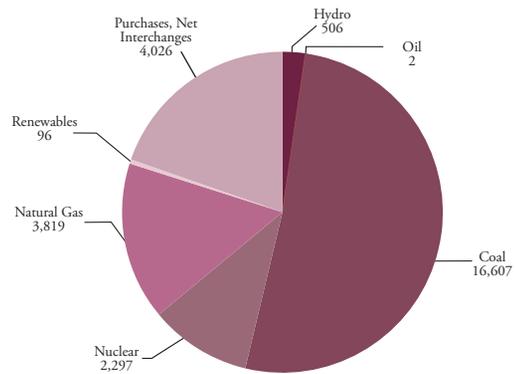
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Natural Gas & Oil	Renewables	Purchases, Net Interchanges
14	0.35	15
16	1	21
17	0.4	15
13	0.4	5
9	0.4	3
8	0.3	3
4	0.3	9
4	0.2	3
8	0.2	3
8	0.2	7
7	0.1	6
5	0.1	7

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Generation and Purchases (GWh)

Year	Hydro	Oil	Coal
2014	506	2	16,607
2013	624	-3	13,949
2012	271	-4	15,888
2011	274	-2	20,048
2010	450	12	21,889
2009	449	20	20,869
2008	212	5	21,189
2007	337	17	22,811
2006	335	29	19,621
2005	482	55	19,033
2004	432	31	19,160
2003	670	26	19,010



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	Natural Gas	Renewables	Purchases, Net Interchanges
Nuclear	2,297	96	4,026
	3,819	115	5,335
	4,714	103	4,099
	3,819	115	1,546
	2,906	108	940
	2,173	91	790
	1,188	77	2,463
	1,097	64	880
	2,007	61	1,733
	2,067	44	1,957
	1,674	23	1,417
	1,190	22	1,738

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Customers

Wholesale Distribution Cooperatives (represented by Central Electric Cooperative)

Central is a generation and transmission cooperative that provides electric service to each of the 20 distribution cooperatives.

Cooperative	Customers ¹
Aiken Electric Cooperative	45,802
Berkeley Electric Cooperative	86,126
Black River Electric Cooperative	31,632
Blue Ridge Electric Cooperative ²	63,687
Broad River Electric Cooperative ²	20,494
Coastal Electric Cooperative	11,530
Edisto Electric Cooperative	19,918
Fairfield Electric Cooperative	26,590
Horry Electric Cooperative	70,321
Laurens Electric Cooperative ²	54,132
Little River Electric Cooperative ²	14,014
Lynch River Electric Cooperative	20,608
Marlboro Electric Cooperative	6,489
Mid-Carolina Electric Cooperative	53,224
Newberry Electric Cooperative	12,025
Palmetto Electric Cooperative	67,940
Pee Dee Electric Cooperative	30,245
Santee Electric Cooperative	43,977
Tri-County Electric Cooperative	17,851
York Electric Cooperative ²	46,521

¹As of Dec. 31, 2013

²Transitioning load to Duke Energy Carolinas

Piedmont Municipal Power Agency

On Jan. 1, 2014, Santee Cooper began providing supplemental electric power (200-300 MW) to PMPA and its members for a term no less than 12 years. Members include Abbeville, Clinton, Easley, Gaffney, Greer, Laurens, Newberry, Rock Hill, Union and Westminster.

Alabama Municipal Electric Authority

On Jan. 1, 2014, Santee Cooper began providing 50 MW of contingent capacity to AMEA for a term of 10 years.

Municipal Customers

Bamberg Board of Public Works and City of Georgetown

Retail Customers Served Directly: 171,500

Santee Cooper owns distribution facilities in Berkeley, Georgetown and Horry counties. These service areas include 2,806 miles of distribution lines.

Large Industrial Customers

Santee Cooper directly serves Joint Base Charleston and 27 large industrial customers.

Sales and System Peak Loads

Year	Sales (GWh)	System Peak (MW)
2014	27,353	5,673
2013	26,364	5,029
2012	26,756	5,387
2011	27,552	5,676
2010	28,182	5,743
2009	25,813	5,590
2008	26,687	5,650
2007	27,221	5,563
2006	25,422	5,195
2005	25,064	5,371
2004	24,451	5,088
2003	24,060	5,373

Transmission and Distribution

Miles of Transmission Lines	4,992
Miles of Distribution Lines	2,806
Transmission Substations	104
Distribution Substations	53
Central Electric Power System Delivery Points	468

Year in Review

In 2014, Santee Cooper continued to be financially stable and financially strategic. In June and October, we completed sales of a total \$1.38 billion in revenue obligation bonds, which will be used primarily to help finance Santee Cooper's share of costs to build two nuclear power units at V.C. Summer Nuclear Station, and to restructure or refund a portion of existing debt. Through debt restructuring, we realized annual savings of \$79 million. Our debt-to-equity ratio for 2014 was 75/25.

In January, Santee Cooper began providing supplemental power (200-300 MW) to Piedmont Municipal Power Association for a term no less than 12 years and 50 MW of contingent capacity to Alabama Municipal Electric Agency for a term of 10 years.

Excellent customer service for our more than 171,500 retail customers remains a priority for Santee Cooper. We worked tirelessly to restore power to more than 45,000 customers less than four days after the Feb. 12 arrival of Winter Storm Pax, which made the largest impact on our system since Hurricane Hugo in 1989.

Continuing efforts to help our customers save energy, Santee Cooper introduced several new Reduce The Use initiatives. In the spring, we began offering free, online home energy checkups with EnergyEarth, making it easier for customers to learn where they can save energy in their homes. In October, Santee Cooper gave away 30,000 LED light bulbs to residential customers to promote the benefits of the highly efficient lighting. Our Reduce The Use residential and commercial programs create savings for customers that will last for years.

We partnered with York, Palmetto and Aiken electric cooperatives to install and dedicate three more Green Power Solar Schools, bringing our total to 26 Green Power Solar Schools statewide. Each Solar School is equipped with a 2-kilowatt solar array and a specialized curriculum, allowing students to study the opportunities and challenges of solar energy. Green Power Solar Schools are just one way Santee Cooper fulfills its commitment to reinvest Green Power funds back into renewable resources across South Carolina.

Continued on pages 23-24

Year in Review (continued)

Santee Cooper also is studying solar on a larger scale with the 3-megawatt Colleton Solar Farm, which was dedicated in January in partnership with the state's electric cooperatives and TIG Sun Energy. Santee Cooper purchases electricity from the solar farm, which TIG built and operates and which increases the renewable generation available to our customers. We continue to analyze its generation data to learn how to better integrate utility-scale solar power into a complex power system.

We advanced economic opportunity last year in several ways, such as awarding \$25 million in loans to projects throughout the state. Two of those loans helped land new tenants in Dillon, Marion and Orangeburg counties announcing hundreds of new jobs at plants under construction in late 2014.

In April, the Santee Cooper Board of Directors also approved two site readiness grant programs, totaling \$42.5 million, designed to recruit industry and create jobs statewide.

Specifically, the South Carolina Power Team Site Readiness Fund will award grants totaling up to \$6 million a year for high-value projects in areas served by the state's electric cooperatives. The new \$2.5-million-a-year Santee Cooper Municipal Site Readiness Fund will offer grants for high-value projects in municipalities served as wholesale customers by Santee Cooper. Both funds are available for five years.

The board also approved in April a new economic development rate to help attract eligible new or expanded large industry by offering savings on their initial electric bills. The rate is designed to provide the most benefit over the crucial start-up years. To qualify, industries must meet a required 2 MW of new electric load and make a \$500,000-per-megawatt capital investment or hire at least 50 new employees.

One of our most significant accomplishments is being played out on the environmental front, specifically in our ash ponds. In March, we expanded our decades-long practice of recycling ash and gypsum by beginning a concentrated effort to remove the coal ash stored in seven ponds at Jefferies, Winyah and Grainger generating stations for beneficial use.

Continued on page 24

Year in Review (continued)

Utilizing both longstanding and new technologies and processes, the ash will be used by the concrete and cement industries, a practice that is supported by the U. S. Environmental Protection Agency. In 2014, Santee Cooper removed more than 229,000 tons of fly ash and 319,000 tons of pond ash from its generating stations.

The EPA proposed a carbon dioxide emissions rule in 2014 that has the potential to significantly increase South Carolina customers' bills, primarily because it gives the state no credit for emissions reductions we would gain from nuclear power units under construction. Santee Cooper educated customers about the proposed rule and asked them to share their concerns with EPA. We forwarded more than 36,000 postcards from customers to EPA. The common thread: Give South Carolina proper credit for emissions reductions we are already working on, especially new nuclear power units.

With partners South Carolina Electric & Gas Co., construction continues on those two nuclear units at V.C. Summer Nuclear Station. When complete, the units will bring 2,200 MW of reliable, emissions-free electricity to the state's grid.

In October, we celebrated the 20th anniversary of the Santee Cooper Regional Water System with representatives from Berkeley County, Goose Creek, Moncks Corner and Summerville. The system's water treatment plant located near Moncks Corner is undergoing a two-phase upgrade that will increase its capacity to 42 million gallons of water per day. It's on pace to be finished in 2017.

The expansion builds on a solid 20 years of operations that have been recognized by organizations like the Partnership for Safe Water, which has awarded the Santee Cooper Regional Water System its Directors Award every year since 1999, along with its five-year, 10-year and 15-year Directors Award in 2004, 2009 and 2014. The system was also recently recognized for producing the state's "Best Tasting Water" by the South Carolina Rural Water Association – joining sister system the Lake Marion Regional Water System, which won the award in 2012.

Green Power

2014 Green Power sales: 21,938 MWh

Green Power customers support the development of renewable Green Power by purchasing blocks each month through their bills. Renewable Green Power costs more to generate than Santee Cooper's traditional generation, and the money raised through Green Power sales is put entirely into the development of new renewable energy.

2014 Green Power Customers

Residential.....	1,306
Commercial	377
Industrial.....	1
Customers reached through cooperatives and municipalities	3,323
Green Tag customers	43

Sites	Generating Capacity	Commercial Operation Date
Anderson Regional Landfill Generating Station	3 MW	September 2008
Berkeley Landfill Generating Station	3 MW	February 2011
Georgetown Landfill Generating Station	1 MW	March 2010
Grand Strand Solar Station	311 kW	April 2011
Horry Landfill Generating Station	3 MW	September 2001
Lee Landfill Generating Station	11 MW	February 2005
Richland Landfill Generating Station	8 MW	February 2006
Coastal Carolina University Green Power Solar Pavilions	16 kW	July 2006
Technical College of the Lowcountry Solar Canopies	20 kW	February 2010
North Myrtle Beach Wind Turbine	2 kW	December 2010
York Electric Co-op Solar	8 kW	March 2014

Environmental Stewardship

Air Emissions

Santee Cooper continues to significantly reduce its emissions of sulfur dioxide (SO₂) and nitrogen oxides (NO_x) from its coal-fired units and other fossil-fueled units. Between 2000 and 2013, SO₂ emissions and NO_x emissions have been reduced by 90.8 percent and 87.7 percent, respectively. Concurrently, emissions of mercury have been reduced by 14.6 percent over the same timeframe.

Santee Cooper has already cut carbon dioxide (CO₂) emissions 23 percent and is on track to cut CO₂ emissions 44 percent by 2029, compared to 2005 levels.

The retirement of coal units at Grainger and Jefferies generating stations has contributed to this downward trend, as has an increased reliance on natural gas generation and the pursuit of additional nuclear capacity. Improvements to control devices, the installation of new or improved environmental control technology, and the greater use of more efficient generating units have also helped with the emissions reductions.

Sea Turtle Protection

SCUTE, or South Carolina United Turtle Enthusiasts, is a group of volunteers dedicated to sea turtle conservation in Georgetown and Horry counties. Organized in 1990, SCUTE is permitted by the S.C. Department of Natural Resources to protect and, if necessary, relocate turtle nests as well as record turtle deaths through the Sea Turtle Stranding and Salvage Network.

Santee Cooper has worked with organizations like SCUTE since 1990 to preserve and protect loggerhead sea turtles. Santee Cooper supports the efforts of SCUTE by shielding lights and working to raise awareness about sea turtles through a public education program.

Santee Cooper provides free colorful "Lights Out" bumper stickers to remind property owners and visitors to turn off beachfront lights after 10 p.m. during nesting season. Throughout the nesting and hatching season, SCUTE volunteers distribute information to beach users who express an interest in turtle conservation.

Continued on pages 27-29

Environmental Stewardship (continued)

Lakes and Vector Management

Protecting lakes Marion and Moultrie, South Carolina's largest freshwater resource, has been of paramount importance to Santee Cooper since the reservoirs were completed in 1942.

With a combined 160,000 acres in five counties, the lakes host 48 water-quality monitoring stations. Monthly samples are analyzed by Santee Cooper's analytical and biological services department and data is shared with state and federal agencies.

Maintaining water quality is important to preserving the natural habitat of the Santee Cooper Lakes and also to ensure a safe water source for the Santee Cooper Regional and Lake Marion Regional water systems.

Santee Cooper's vector management department has been battling mosquitoes throughout the utility's history. The department was the driving force in eliminating malaria from around the Santee Cooper Lakes in the early 1950s and continues its efforts to control nuisance and disease-carrying mosquitoes today.

Vector management operational crews perform daily inspections around the lake system to eliminate active mosquito breeding sites. Sites that cannot be eliminated are treated with the most environmentally safe products available to prevent mosquito larvae from maturing to the adult stage.

Adult mosquito populations are targeted through the applications of pesticides by the department's licensed pesticide applicators. Vector management technicians use light traps and standardized techniques to survey adult populations to determine when spray operations are warranted. Technicians also monitor adult mosquitoes for the presence of West Nile Virus and other mosquito-borne diseases.

Continued on pages 28-29

Environmental Stewardship (continued)

Wildlife Habitat Management

Santee Cooper uses Environmental Protection Agency-approved herbicides to control undesirable woody vegetation that can interfere with the delivery of electricity, which has a positive effect by increasing plant diversity and, in turn, enhances wildlife habitat. Also, Santee Cooper works closely with Heritage Trust Programs such as the Longleaf Pine Heritage and the Lewis Ocean Bay Heritage Preserves to ensure that the management of transmission rights of way that traverse the preserves are compatible with their management plans.

Creating Sanctuaries for Wildlife

Santee Cooper and the South Carolina Department of Natural Resources have a long history of working together to manage the lakes and the properties that surround the state's largest freshwater resource, through fisheries management and state wildlife management areas. Santee Cooper also supports the Santee National Wildlife Refuge in Clarendon County.

Forestry

Santee Cooper manages more than 27,000 acres of forest land around lakes Marion and Moultrie in Berkeley, Calhoun, Clarendon, Orangeburg and Sumter counties. Also, associated forest lands at generating station sites are managed in Anderson, Florence, Georgetown, Jasper and Spartanburg counties. The majority of Santee Cooper forest lands are certified through the American Tree Farm System (ATFS) as sustainably managed forest lands. The ATFS recognizes forest landowners who produce a sustainable timber harvest in conjunction with protecting soil and water quality, enhancing wildlife habitat, and providing recreational opportunities.

Continued on page 29

Environmental Stewardship (continued)

Palmetto Trail

Santee Cooper helped blaze South Carolina's Palmetto Trail, a hiking, biking and camping pathway from the mountains to the sea that is nearly 290 miles long. The trail's first segment opened in January 1996. The 24-mile long Lake Moultrie Passage created widespread access for hikers and cyclists to some of the most beautiful vistas around the lake it edges. It is one of three sections that Santee Cooper helped build and continues to maintain.

The other sections include the 20-mile long Eutaw Springs Passage and the 33-mile long Lake Marion Passage.

Old Santee Canal Park

The 195-acre park's construction was financed by Santee Cooper, opened in 1989. It features an interpretive center, theater and classroom. Schoolchildren across the Lowcountry enjoy outings such as the annual NatureScope Field Days. The park's environmental programs emphasize the vast diversity of plant and animal life found throughout the park, covering topics such as insects, reptiles, trees and wetlands.

The park features four miles of boardwalk and hiking trails along Biggin Creek that parallel the Tailrace Canal. A large floating dock is inviting to boaters. The Stony Landing House, circa 1843, provides a scenic overlook at the point where the west branch of the Cooper River begins.

Old Santee Canal Park is host to the annual Celebrate The Season holiday festival. This charitable community event features a holiday lights driving tour, weekend festivals, a fun run and more. In the past four years, Celebrate The Season has raised over \$409,000 for charities serving Berkeley County.

Recycling

Santee Cooper recycled over 1.8 billion pounds of combustion byproducts, used oil, office waste, scrap metal, electronics, batteries, tires, used electric poles, concrete, etc. in 2014

The investment recovery department monitors Santee Cooper's waste stream to see what is being thrown away and looks for ways to recycle more and landfill less. For example: Pallets, wood crates, and scrap wood began being recycled this year in Horry County. Other changes in day-to-day operations included changing the default setting on corporate printers to automatically print on both sides of the paper, and certain items that no longer needed by one department are transferred in-house and reused rather than potentially being discarded.

A recycling fair was held, which helps to motivate and educate employees on recycling and provides an opportunity to recycle materials from home. During the fair, employees collected and recycled stuffed animals that were sent to the Bears for Troopers program, used shoes that were shipped to the Soles4Soles program, cell phones for the Cell Phones for Soldiers program, eye glasses for the Lions Club, and boxes of clothes that were taken to Goodwill. Computers and electronics were also collected and recycled.

GOFER

Give Oil for Energy Recovery, GOFER, is Santee Cooper's used motor oil collection and recovery program. Santee Cooper started GOFER in 1990 to give people throughout South Carolina a convenient place to properly dispose of used motor oil.

GOFER collected 863,768 gallons of used motor oil in 2014.

Economic Development

Santee Cooper's economic development activities in 2014 included working with all of South Carolina's regional economic development alliances and all 20 South Carolina Electric Cooperatives, as well as 100 city, county, state, chamber of commerce, and economic development entities. The economic development team participated in 20 tradeshows, site selector events, and marketing missions promoting Santee Cooper and its customers to prospects in the automotive, aviation, marine, chemical, medical, and data-center industries. Santee Cooper also was heavily involved in state, regional, and national networking opportunities.

A continued focus for the Economic Development team in 2014 was product development. More than \$25 million in loans was approved for cities, counties, and economic development agencies to develop quality industrial sites to market to potential industrial prospects. These loans were approved primarily for construction of speculative buildings as part of the Santee Cooper Economic Development Loan Program. An additional \$23 million of local resources was invested in these communities because of the loans, and the potential job creation and investment by industries and businesses is tremendous.

The South Carolina Power Team, Santee Cooper's economic development partnership with the electric cooperatives of South Carolina, significantly advanced development efforts throughout the state, especially in the more rural areas. All told in 2014, the efforts of Santee Cooper and its partners resulted in over 8,380 jobs, capital investment exceeding \$923 million, and more than 71,800 kVA of new load.

Since 1988, the Power Team has been involved in 664 new industrial locations and existing industrial expansions representing more than \$10 billion in capital investment, over 62,000 new jobs, and an increase of 1,224 mVA.

Santee Cooper Customer Service Locations

Carolina Forest Towne Center
3990 River Oaks Drive
Myrtle Beach, SC 29579
843-946-5950
Fax: 843-903-1333

Conway
100 Elm Street
Conway, SC 29526
843-248-5755
Fax: 843-248-7315

Loris
3701 Walnut Street
Loris, SC 29569
843-756-5541
Fax: 843-756-7008

**Moncks Corner
(Santee Cooper Headquarters)**
1 Riverwood Drive
Moncks Corner, SC 29461
843-761-8000
Fax: 843-761-4122

Myrtle Beach
1703 Oak Street
Myrtle Beach, SC 29577
843-448-2411
Fax: 843-626-1923

**Murrells Inlet/
Garden City Beach**
900 Inlet Square Drive
Murrells Inlet, SC 29576
843-651-1598
Fax: 843-651-7889

North Myrtle Beach
1000 2nd Ave. North
North Myrtle Beach, SC 29582
843-249-3505
Fax: 843-249-6843

Pawleys Island
126 Tiller Road
Pawleys Island, SC 29585
843-237-9222
Fax: 843-237-8959

St. Stephen
1172 Main Street
St. Stephen, SC 29479
843-567-3346
Fax: 843-567-4709

2015

January							February							March						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
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11	12	13	14	15	16	17	15	16	17	18	19	20	21	15	16	17	18	19	20	21
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October							November							December													
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25	26	27	28	29	30	31	29	30						27	28	29	30	31									

○ Holidays

*President's Day is a "floating" holiday
that can be observed anytime during the calendar year.*



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