

# Saving Energy: 2020

*How Electric and Natural Gas Utilities in South Carolina  
are Using Demand-Side Management*



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are Using Demand-Side Management

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## EXECUTIVE SUMMARY

Demand Side Management (DSM) is a strategy that electric and natural gas utilities use to decrease or shift demand for their energy services. The State Energy Office, a division of the South Carolina Office of Regulatory Staff, is submitting this report pursuant to S.C. Code Ann § 58-37-30. This report is intended to summarize DSM activities deployed by South Carolina's electric and natural gas utilities – investor-owned utilities, Santee Cooper, electric cooperatives, and municipalities – as reported in 2020. Data used to create this report was taken from utility planning documents and information requests.

For the purposes of this report, DSM programs are activities conducted by electric and natural gas utilities for the reduction or more efficient use of energy in the following three major categories: (1) Energy Efficiency and Conservation (2) Load Management (i.e., reducing the amount of electricity and natural gas needed); and (3) Public Information.

## Summary: South Carolina Electric Distribution Utilities

Of the 46 Electric Distribution Utilities (EDUs) in South Carolina, 37 had ongoing DSM activities in 2020. Their ongoing activities are discussed below. See Appendix A for a summary of all incentives offered by all utilities and refer to Appendix B for more detailed descriptions of programs offered by each utility.

### Energy Efficiency and Conservation

- Two EDUs provided financial incentives to builders and/or building occupants to promote energy-efficient new construction.
- Thirteen EDUs offered financial incentives to building occupants to encourage energy efficiency improvements in existing structures.
- Ten EDUs offered on-site energy assessments to customers in which they provided trained personnel to evaluate facilities and suggest methods for improving energy efficiency.
- Three EDUs implemented energy efficiency and weatherization programs for low-income customers; the programs provide personalized assistance and financial support to assist in making needed home improvements and lowering their monthly electric bill.
- Eighteen EDUs offered financial incentives for the purchase and/or installation of energy-efficient appliances, equipment, and lighting.

## Load Management

- Twenty-eight EDUs offered financial incentives to customers who allowed utilities to control their peak load by curtailing the operation of certain appliances or equipment during periods of peak demand.
- Three EDUs offered financial incentives to customers who agreed to partially or completely halt electricity consumption, or allowed the utility to interrupt service, during periods of peak demand.
- Five EDUs offered rates that encourage the reduction of energy use during times when there is a high demand for electricity.
- One EDU provided incentives for customers to switch to on-site standby electricity (i.e., generators) generation during periods of peak demand.

## Public Information

- Twenty-nine EDUs maintained websites that offered energy efficiency and conservation tips and/or web-based systems for viewing and analyzing monthly electricity usage and cost.
- Eight EDUs communicated directly with customers through mailings and/or in-person assistance to publicize utility DSM programs and to offer energy efficiency and conservation tips and services.
- Five EDUs conducted public outreach campaigns through advertising and/or presence at community events to publicize utility DSM programs and offer energy efficiency and conservation tips.
- Three EDUs provided instructional programs and/or resources to K-12 schools to promote energy awareness.

# Summary: South Carolina Natural Gas Distribution Utilities

Of the 15 natural gas utilities (NGUs) in South Carolina, 13 had ongoing DSM activities in 2020. These activities are discussed below.

## Energy Efficiency and Conservation

- Ten NGUs offered financial incentives for the purchase and/or installation of newer, more efficient natural gas appliances or equipment.

## Load Management

- One NGU offered financial incentives to customers that allowed utilities to cut off or reduce their natural gas deliveries during periods of peak demand. Interruptible-service customers are typically commercial or industrial entities that can switch from utility natural gas to another energy source or are willing to suspend operations during fuel-curtailment periods.

## Public Information

- Eight NGUs maintained websites that offered energy efficiency and conservation tips and/or web-based tools for viewing and analyzing monthly natural gas usage and cost.
- Two NGUs communicated directly with customers through mailings and/or in-person assistance to publicize utility DSM programs and offer energy efficiency and conservation tips and services.
- One NGU conducted public outreach campaigns through advertising and presence at community events to publicize utility DSM programs and offer energy efficiency and conservation tips.





## INTRODUCTION

Demand Side Management (DSM) is a strategy that electric and natural gas utilities employ to decrease or shift demand for their energy services. The State Energy Office, a division of the South Carolina Office of Regulatory Staff, is submitting this report pursuant to S.C. Code Ann § 58-37-30. This report is intended to summarize DSM activities deployed by South Carolina's electric and natural gas utilities – investor-owned utilities, Santee Cooper, electric cooperatives, and municipalities – as reported in 2020. Data used to create this report was taken from utility Integrated Resource Plans (IRPs) submitted during 2020 and utility responses to information requests. Consequently, the data and program descriptions represent the utilities' descriptions, goals, and objectives for their DSM activities. These IRPs include data from prior periods as well as future projections.

Utilities are encouraged by state legislation to adopt and implement DSM programs, which directly benefit utilities by reducing their need for wholesale energy purchases and potentially deferring infrastructure investments. Utilities regulated by the Public Service Commission of South Carolina (PSC) receive regulatory incentives allowing them to recover costs associated with these programs. Some examples of infrastructure investments that may be minimized or deferred include the installation of pollution controls, the construction of new generation, and the construction of new transmission and distribution infrastructure. Customers can also directly benefit from DSM through reductions in their monthly energy consumption.

For the purposes of this report, DSM programs are defined as activities conducted by electric and natural gas utilities for the reduction or more efficient use of energy in the following three major categories:

- **Energy Efficiency and Conservation:** Energy efficiency (EE) reduces energy consumption without requiring customers to sacrifice the benefits received from energy (for example, installing building insulation, purchasing efficient appliances). Energy conservation reduces energy consumption by requiring customers to decrease their utilization of energy-consuming devices (for example, reducing thermostat temperature, turning off lights). Although each achieves energy reduction in a different way, they are closely related and are grouped together in this report.
- **Load Management:** Reduces customer demand for energy during periods of peak demand when capacity is limited, and the cost of energy provision is high.
- **Public Information:** Encourages customer participation in DSM programs and seeks to change behaviors through public campaigns, direct-to-customer communication, or increasing customer access to information about their consumption of energy services.

The following sections of this report provide a description of the DSM programs offered by the investor-owned utilities, Santee Cooper, electric cooperatives, and municipalities. Data used to create this report reflect utility IRPs submitted during 2020 and utility responses to information requests received during the same period. These plans were submitted between February and December of 2020 and cover both activities undertaken in the previous year and activities planned for the future. Due to their similarities and the way that the programs overlap, energy efficiency and conservation programs have been grouped together.

In 2020, 50 of 61 South Carolina electric and natural gas distribution utilities offered DSM programs. The widest variety of DSM programs were available from the three largest investor-owned electric utilities — Duke Energy Carolinas, LLC, Duke Energy Progress, LLC, and Dominion Energy South Carolina, Inc. — and from the state-owned South Carolina Public Service Authority (Santee Cooper), which offered a variety of DSM programs covering all major categories.

Central Electric Cooperative, reporting for the twenty-member electric distribution cooperatives, has a longstanding load-control program that has been in effect for more than thirty years. Several electric cooperatives also offer low-interest loans for home weatherization through on-bill financing. Thirteen South Carolina municipal electric utilities, the largest being Rock Hill and the smallest being Westminster, also maintain DSM programs. South Carolina's fourth investor-owned electric utility, Lockhart Power Company, has one primary DSM program through its Industrial Interruptible Service Rate.

Piedmont Natural Gas Company, one of South Carolina's two investor-owned natural gas distribution utilities, also offered DSM programs. In addition, twelve of South Carolina's municipal natural gas utilities maintain DSM programs.

The Energy Office finalized its [EnergySaver.SC.GOV](http://EnergySaver.SC.GOV) website and Energy Saver Tool for consumers to find energy-saving tips and programs for which they may be eligible. This tool was created because of a need identified in a recommendation made during the 2016 State Energy Plan. After collaborating with NIC South Carolina for more than a year, the website and tool are now live. A list of DSM programs by utility with a summary and website links can be found using the [Energy Saver Tool](#). See Appendix B for a list of DSM programs. Appendix A includes a summary matrix of the programs.

In addition to the DSM programs offered by utilities, this report includes the distribution utility market share (number of customers and sales) for South Carolina's electric and natural gas utilities in Appendix C. A list of qualifying facilities under the Public Utilities Regulatory Policies Act of 1978 (PURPA) can be found in Appendix D.











## Dominion Energy South Carolina

As stated in Dominion Energy South Carolina, Inc.'s (DESC) 2020 IRP, DSM can be broadly defined as the set of actions that can be taken to influence the level and timing of the consumption of energy. There are two common subsets of DSM: Energy Efficiency and Load Management (also known as Demand Response).



**Dominion Energy**<sup>®</sup>

Energy Efficiency typically includes actions designed to increase efficiency by maintaining the same level of production or comfort, but using less energy input in an economically efficient way. Load Management typically includes actions specifically designed to encourage customers to reduce usage during peak times or shift that usage to other times.

A list of DESC's programs can be found below, and more information is available on their website for [homeowners](#) and [businesses](#).

## Duke Energy Carolinas

Duke Energy Carolinas (DEC) uses DSM and EE programs to efficiently and cost-effectively alter customer demands and reduce the long-run supply costs for energy and peak demand. These programs can vary greatly in their dispatch characteristics, size and duration of load response, certainty of load response, and level and frequency of customer participation. Following are the DSM programs currently available through DEC. More information on these programs can be found on DEC's website for [homeowners](#) and [businesses](#).



## Duke Energy Progress

Like DEC, Duke Energy Progress (DEP) utilizes DSM and EE programs to efficiently and cost-effectively alter customer demands and reduce the long-run supply costs for energy and peak demand. These programs can vary greatly in their dispatch characteristics, size and duration of load response, certainty of load response, and level and frequency of customer participation. In general, programs are offered in two primary categories: EE programs that reduce energy consumption and DSM programs that reduce peak demand (demand-side management or demand-response programs and certain rate-structure programs).



DEP's DSM portfolio currently consists of the following programs, as approved by the PSC. More information on these programs can be found on DEP's website for [homeowners](#) and [businesses](#).

# Lockhart Power Company



Lockhart Power Company's primary demand-side program is its Industrial Interruptible Service Rate (IS-1). This rate is available to industrial customers receiving service from the Company under Schedule I concurrent with a metered demand of 750 kilowatts or more served from the Company's transmission system. Under this rate the customer agrees, at the Company's request, to reduce and maintain its load at or below the level specified in the individual contract. The Company's request to interrupt service may be at any time the Company or its power supplier has capacity problems.

In addition, the standard residential rate (R) has an inclining feature—namely, Lockhart charges a somewhat higher rate for all usage above 1,000 kWh each month. This rate structure provides incentives to customers to reduce their consumption of electricity.

## STATE-OWNED ELECTRIC UTILITY

### Santee Cooper



For over 20 years, Santee Cooper has offered DSM programs. These programs have measures that save energy and/or demand. The energy and/or demand impacts of the actual and projected participation of Santee Cooper's directly served retail customers are considered when updating the energy and/or demand needs in the generation plan.

Santee Cooper's programs are listed below. More information on these programs can be found on their website for [homeowners](#) and [businesses](#).





# ELECTRIC COOPERATIVES

Central Electric Power Cooperative (Central) reports on behalf of the 20 distribution electric cooperatives in South Carolina. Below is a summary of their demand-side management (DSM) and energy efficiency programs for the year 2020.



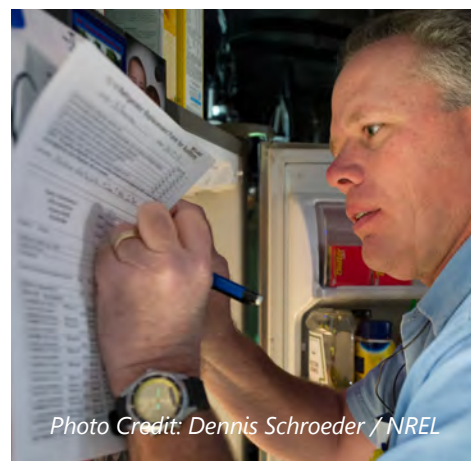
Central and its member-cooperatives are reducing peak loads approximately 91 MW during winter months and 93 MW during summer months via DSM. For more than 30 years, Central and its member-cooperatives have invested in DSM programs for cooperative members. While direct load control of central air conditioners, heat pumps, and electric water heaters is projected to remain a core focus of DSM efforts across the Central system, the type of devices and communication protocols are evolving.

In 2017 Central began to pilot smart thermostats for demand response purposes and transitioned to a full program in 2018 with active participants at over half of the member-cooperatives. Central is currently piloting two Wi-Fi connected water heater control devices, and it is anticipated that these Wi-Fi enabled devices will replace radio and Advanced Metering Infrastructure (AMI) switches going forward. The preference for smart devices is twofold. First, the smart devices are more attractive to member-cooperatives which can increase adoption rates among members. Second, the two-way communication capabilities of these devices allow for rapid and accurate impact analysis and increased visibility into the operability of the fleet of load management devices.

Utilizing the South Carolina on-bill financing statute, several electric power cooperatives offer retail members low-interest loans for home weatherization. Through 2020, over 800 homes have participated in the Help My House® weatherization program, and Help My House® cooperatives have access to \$15.5 million in loans from the USDA's Rural Energy Savings Program to further expand the effort.

In addition to on-bill weatherization programs, some South Carolina distribution cooperatives offer on-bill heat pump replacement programs and special rates for members whose homes meet certain energy efficiency requirements.

Some of the cooperatives have additional programs. A list and description of these programs can be found in Appendix B.



*Photo Credit: Dennis Schroeder / NREL*

# MUNICIPAL ELECTRIC AND NATURAL GAS UTILITIES

Municipal electric and natural gas utilities also offered DSM programs in 2020. A list and description of these programs can be found in Appendix B.

# **APPENDIX A**

Electric and Natural Gas

Demand Side Management Programs



# Electric Demand Side Management Programs

Utility Name	Ownership	Energy Efficiency					Load Management					Public Information				
		New Building Efficiency Incentives	Existing Building Retrofit Incentives	On-Site Energy Assessments	Low-Income Efficiency and Weatherization Assistance	Equipment and Lighting Incentives	Load Control Incentives	Interruptible Service Incentives	Time-of-Use or Seasonal Rates	Standby Generation Incentives	Thermal Storage Incentives	Voltage Reduction	Web-Based Customer Tips and Tools	In-Home Real-Time Energy Monitoring	Direct-to-Customer Communication	Public Campaigns
Abbeville, City of	Municipal											✓		✓		
Bamberg Board of Public Works	Municipal											✓				
Bennettsville, City of	Municipal															
Camden, City of	Municipal															
Clinton, City of	Municipal						✓					✓				
Dominion Energy South Carolina	Investor-Owned		✓		✓	✓					✓		✓		✓	
Town of Due West	Municipal															
Duke Energy Carolinas	Investor-Owned	✓	✓	✓	✓	✓	✓					✓		✓	✓	✓
Duke Energy Progress	Investor-Owned	✓	✓	✓	✓	✓	✓					✓		✓	✓	✓
Easley Combined Utility System	Municipal						✓					✓				
Electric Cooperatives (20 Co-ops)	Cooperative		✓*	✓*		✓*	✓					✓*		✓		✓
Gaffney Board of Public Works	Municipal															
Georgetown, City of	Municipal		✓													
Greenwood CPW	Municipal															
Greer CPW	Municipal											✓				
Laurens CPW	Municipal						✓					✓				
Lockhart Power Co, Inc	Investor-Owned									✓						
McCormick CPW	Municipal											✓				
Newberry, City of	Municipal											✓				
Orangeburg DPU	Municipal															
Town of Prosperity	Municipal															
Rock Hill, City of	Municipal		✓				✓					✓			✓	
Santee Cooper	State-Owned	✓	✓	✓		✓						✓		✓	✓	✓
Seneca Light & Water Plant	Municipal											✓				
Union, City of	Municipal											✓				
Westminster CPW	Municipal											✓			✓	
Winnboro, Town of	Municipal															

SOURCE: Office of Regulatory Staff- Energy. Office annual survey of utilities

Note: This table does not include pilot projects.

\*Available from select Co-ops

# Natural Gas Demand Side Management Programs

Utility Name	Ownership	Energy Efficiency				Load Management	Public Information		
		New Building Efficiency Incentives	On-Site Energy Assessments	Low-Income Efficiency and Weatherization Assistance	Efficient Appliance or Equipment Incentives		Interruption Service Incentives	Web-Based Customer Tools and Tips	Direct-to-Customer Communication
Bamberg Board of Public Works	Municipal						✓		
City of Bennettsville	Municipal								
Chester County Natural Gas Authority	Municipal				✓		✓		
Clinton-Newberry Natural Gas Authority	Municipal						✓		
Fort Hill Natural Gas Authority	Municipal				✓		✓		
Fountain Inn Natural Gas	Municipal								
Greenwood Commission of Public Works	Municipal				✓				
Greer Commission of Public Works	Municipal				✓		✓		
Lancaster County Natural Gas Authority	Municipal						✓		
Laurens Commission of Public Works	Municipal				✓				
Orangeburg Department of Public Utilities	Municipal				✓	✓			
Piedmont Natural Gas Company	Investor-Owned				✓		✓	✓	
Dominion Energy South Carolina	Investor-Owned				✓		✓	✓	✓
City of Union	Municipal				✓				
Town of Winnsboro	Municipal								
York County Natural Gas Authority	Municipal				✓				

Source: Office of Regulatory Staff, Energy Office annual survey of utilities.  
 Note: This table does not include pilot projects.



# **APPENDIX B**

DSM / EE Incentives

Program Name	Description
<b>Aiken Electric Cooperative</b>	
<b>Residential</b>	
Aiken Electric Cooperative Help My House Program	Members receive an energy efficiency audit that will identify improvements needed. A zero-down, low-interest loan can then be used to finance any needed upgrades. Monthly loan payments are included in the power bill.
Aiken Electric Cooperative H2O Select	Incentives: Free high efficiency water heater; \$200 installation fee. Water heater and timer with normal installation: \$2.50 per month credit for 10 years. Timer only: \$200 cash payment and \$2.50 per month credit for 10 years. New construction contract home: \$250.
Aiken Electric Cooperative Home Energy Savings – Energy Tips	Online energy-saving tips.
<b>Bamberg Board of Public Works</b>	
<b>Residential</b>	
Bamberg Board of Public Works Energy Saving Tips	Online energy tips
<b>Berkeley Electric Cooperative</b>	
<b>Residential</b>	
Berkeley Electric Cooperative Time-of-Day Rate	Voluntary program that rewards members with lower electric rate for shifting energy intensive tasks – such as laundry, cooking and heating/cooling – away from peak hours.
Berkeley Electric Cooperative H2O Advantage	Water heater rebates ranging from \$200 - \$400 for new electric water heaters with a load management switch.
Berkeley Electric Cooperative Earth Connect Geothermal Heat Pump	Geothermal heat pump rebate of \$250 per ton.
Berkeley Electric Cooperative Dual-Fuel Heating System	New Dual-Fuel Systems that replace gas heat qualify for rebates up to \$500 /home.
Berkeley Electric Cooperative Home Advantage Loan Program	A five percent interest rate loan, up to \$15,000, for energy efficiency home improvements to existing homes. Measures with a high return will be prioritized. These include items such as infiltration improvement, duct work leakage, air flow improvement, insulation upgrades, and HVAC unit upgrades. The loan payment will be added to the electric bill.



Berkeley Electric Cooperative Energy Advance Loan	These loans can help finance energy improvements from storm doors to large appliances and feature competitive interest rates.
Berkeley Electric Cooperative Energy Audit - Residential	A team of accredited auditors are available to help customers save money at their home or business at no cost.
Berkeley Electric Cooperative Smart Thermostat Rebates	Take advantage of all the benefits offered by smart thermostats when you purchase an ecobee 4 with Alexa for just \$150. Members can purchase ecobee thermostats directly from the cooperative or have one installed by an approved contractor. Once the ecobee thermostat is installed and connected to wifi, you will qualify for a \$150 bill credit (one per household). Members will also receive three (3) additional \$50 bill credits for active participation over the following three years (credit applied in April.) In exchange for the rebates, members will allow Berkeley Electric to adjust the thermostat settings around 4-8 times a month in order to reduce kilowatt-hour use during peak electricity demand periods. This helps the cooperative keep costs stable for all members while still allowing members to enjoy the comfort and energy efficiency savings of a smart thermostat.
Berkeley Electric Cooperative Energy-Saving Tips	Online energy-saving tips.
<b>Non-Residential</b>	
Berkeley Electric Cooperative Energy Audit - Business	A team of accredited auditors are available to help customers save money at their home or business at no cost.
<b>Black River Electric Cooperative</b>	
<b>Residential</b>	
Black River Electric Cooperative Help My House Program	Members are able to finance home energy improvements and make payments through their electric bill.
Black River Electric Cooperative Energy Efficiency Tips	Tips to reduce energy use.
<b>Blue Ridge Electric Cooperative</b>	
<b>Residential</b>	
Blue Ridge Electric Cooperative Energy Savings Tips	Energy saving tips and calculator.
Blue Ridge Electric Cooperative Energy Audit	On-site home energy audit.
Blue Ridge Electric Cooperative Smart Thermostat Program	Blue Ridge Electric's Smart Thermostat Program offers members the opportunity to purchase an Ecobee 3 or Ecobee 4 smart thermostat at a discounted rate. As a participant, the member will allow the cooperative to control the thermostat during peak periods. After 36 months, if the member opts out of load control less than 40% of the time, the co-op will rebate the amount of the thermostat back to the member.
Blue Ridge Electric Cooperative	

H2O Select Water Heater Program	Water heater rebates ranging from \$200 - \$600.
Blue Ridge Electric Cooperative Heat Pump Loan Program	Heat pump loans ranging from \$1,000 - \$15,000.
<b>Non-Residential</b>	
Blue Ridge Electric Cooperative - Business	No energy efficiency programs available.
<b>Broad River Electric Cooperative</b>	
<b>Residential</b>	
Broad River Electric Cooperative Smart Thermostats	This program offers a discount on smart thermostats ordered through the Cooperative.
Broad River Electric Cooperative Energy Efficiency Rate	Alternative electric rate available to homes with certain energy efficiency measures that address insulation, windows, outside doors, water heaters, fireplace/chimney, attic ventilation, and HVAC. If your home does not meet the requirements they will tell you what it will take to meet the requirements to earn the rate, and can lend up to \$1,500 to bring your home up to the energy-efficiency standards or up to the most cost-effective level.
<b>Non-Residential</b>	
Broad River Electric Cooperative - Business	No business energy efficiency programs available.
<b>Central Electric Cooperative - All cooperative members.</b>	
<b>Residential</b>	
Central Electric Cooperative Beat the Peak	Members to voluntarily sign up to receive notifications of peak demand periods. Notifications are sent via text, email, and/or voice messages during peak times when members can help reduce electricity use.
Central Electric Cooperative Smart Thermostat Program	This program gives members the opportunity to purchase a smart thermostat at a discounted rate. By participating in the program, members will agree to allow the cooperative to control the thermostat during peak periods.
<b>Chester County Natural Gas Authority</b>	
<b>Residential</b>	
Chester County Natural Gas Authority Appliance Rebate Program	Customers receive appliance rebates through this program. Rebates range from \$50 - \$400.
Chester County Natural Gas Authority Water Heater Program	Chester County Natural Gas Authority will furnish customers with a free 40-gallon water heater to replace an electric or propane water heater.
Chester County Natural Gas	Customers with primary natural gas heating, natural gas water heater, natural gas dryer, and one natural gas appliance qualify. This rate allows customers to

Authority Rate 1	pay 3% less per them than the regular rate.
Chester County Natural Gas Authority Energy Saving Tips	Online energy tips
<b>Non-Residential</b>	
Chester County Natural Gas - Business	No business natural gas incentive programs available.
<b>City of Abbeville</b>	
<b>Residential</b>	
City of Abbeville Online "Energy Depot" Toolkit	This website includes a personalized energy profile, energy reduction tips, do-it-yourself energy audit, and more.
<b>Non-Residential</b>	
City of Abbeville - Business	No business energy efficiency programs available.
<b>City of Bennettsville</b>	
<b>Residential</b>	
City of Bennettsville - Residential	No residential energy efficiency programs available.
<b>Non-Residential</b>	
City of Bennettsville - Business	No business energy efficiency programs available.
<b>City of Camden</b>	
<b>Residential</b>	
City of Camden - Residential	No residential energy efficiency programs available.
<b>Non-Residential</b>	
City of Camden - Business	No business energy efficiency programs available.
<b>City of Clinton</b>	
<b>Residential</b>	
City of Clinton Green Grid Rewards	Participants will receive fiber/radio-controlled switches for their air conditioner so the energy can be managed during peak-demand periods. They also will be placed on the Green Rewards Rate which will typically allow a savings of \$25-\$50 per year and receive a \$25 restaurant gift certificate.
City of Clinton Online "Energy Depot" Toolkit	This website includes a personalized energy profile, energy reduction tips, do-it-yourself energy audit, and more.



**Non-Residential**

City of Clinton - Business

No business energy efficiency programs available.

**City of Georgetown**

**Residential**

City of Georgetown Consumption Audits for Residential Customers

Customers with unusually high electric energy consumption will be contacted to determine if they are interested in this program. An energy audit is conducted and ways to reduce energy consumption are identified.

City of Georgetown Smart Energy Home Program

Low-interest loans with no down payment for HVAC units, weatherization, smart thermostats, and water heaters. Payment is added to the electric bill.

**Non-Residential**

City of Georgetown - Business

No business energy efficiency programs available.

**City of Newberry**

**Residential**

City of Newberry Online Energy Depot

Online energy tools.

**Non-Residential**

City of Newberry Utilities - Business

No business energy efficiency programs available.

**City of Rock Hill**

**Residential**

City of Rock Hill Smart Choice Program

This program provides rebates or low-interest financing for the installation of high efficiency heat pumps and water heaters. Program participants also are eligible for the City's lowest residential electric rate schedule. Rebates range from \$225 - \$400. Financing is available for electric heat pump installations at an interest rate of 6 percent for a maximum of 60 months.

City of Rock Hill Smart Switches

Smart Switches are devices that control the flow of electricity to major appliances (water heater, air conditioner, or swimming pool pump) during times of peak demand, normally June through September. Customers with Smart Switches are entered into a drawing for a \$100 utility bill credit at each City Council meeting.

City of Rock Hill Energy Conservation Tools and Tips

Online energy tools and tips.

**Non-Residential**

City of Rock Hill Energy

The City of Rock Hill is available to provide consultation regarding energy

Management Consultation	management programs for its commercial and industrial consumers. For more information about energy management services, call 803-329-5500.
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**City of Union**

**Residential**

City of Union Conservation Tips	Online energy tips.
City of Union Online "Energy Depot" Toolkit	This website includes a personalized energy profile, energy reduction tips, do-it-yourself energy audit, and more.
City of Union Utility Department Natural Gas Rebate	A \$300 rebate if a meter and year round appliance are installed within six months of service line installation.

**Non-Residential**

City of Union - Business	No business energy efficiency programs available.
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**City of Westminster**

**Residential**

City of Westminster Online "Energy Depot" Toolkit	This website includes a personalized energy profile, energy reduction tips, do-it-yourself energy audit, and more.
City of Westminster Energy Saving Tips	Online energy tips

**Non-Residential**

City of Westminster - Business	No business energy efficiency programs available.
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**Clinton-Newberry Natural Gas Authority**

**Residential**

Clinton-Newberry Natural Gas Authority Energy Saving Tips	Online energy tips
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**Non-Residential**

Clinton-Newberry Natural Gas - Business	No natural gas business programs available.
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**Coastal Electric Cooperative**

**Residential**

Coastal Electric Cooperative Energy Conservation Tools and Tips	Online tools and tips.
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Coastal Electric Cooperative Home Energy Checkup	This is a free home checkup where a trained Coastal Electric Member Services Advisor examines the energy efficiency of the entire home. A detailed report will be completed indicating problem areas with recommendations explaining steps that can be taken to reduce energy costs.
Coastal Electric Cooperative Energy Advance Loan	Loan program to assist with items such as high efficiency heat pumps, insulation, programmable thermostats and more. The loan payment is applied to the electric bill.
Coastal Electric Cooperative H2O Select Program	Through this program a load management device can be added to your existing water heater to reduce energy demand, or you can receive financing for a new water heater.

### Non-Residential

Coastal Electric Cooperative - Business	No business energy efficiency programs available.
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### Dominion Energy South Carolina

### Residential

Dominion Energy Time-of-Use Rate - Residential	Participants are charged higher rates during peak-usage periods and lower charges during off-peak periods to encourage customers to conserve energy during peak periods.
Dominion Energy Seasonal Rates	Many of DESC's rates are designed with components that vary by season. Energy provided in the peak usage season is charged a premium to encourage conservation and efficient use.
Dominion EnergyWise Online Savings Store	Huge discounts off retail pricing on ENERGY STAR® certified LED bulbs, smart lighting, smart thermostats and advanced power strips. All products conveniently mailed directly to your home. FREE shipping on qualified orders. Available to residential electric customers only.
Dominion Energy Year-Round Energy Saving Tips	Easy, straightforward ways to save energy every day.
Dominion Energy Appliance Recycling	FREE pickup and \$50 cash back when you recycle your old, secondary refrigerator or freezer. Rebates are available to residential electric customers for full-size units between 10-30 cubic feet in working order. You can also save up to \$105 annually on your electric bill. A partner with EPA's Responsible Appliance Disposal Program.
Dominion Energy Heating & Cooling Rebates	Incentives available to residential electric customers for installing new ENERGY STAR® qualified air conditioners and heat pumps as well as making duct improvements. Rebates range from \$150 - \$500.
Dominion Energy Virtual Home Energy Check-up	FREE virtual energy efficiency consultation. In about an hour's time, discover how to improve the energy efficiency of your home through the convenience of FaceTime, Microsoft Teams and/or telephone. Includes customized report specific to your home and information on how to access our online tools and resources.
Dominion Energy Home Energy Reports	Free monthly/bi-monthly reports comparing customer's electric energy usage to peer group and providing information to help identify, analyze, and act upon potential energy efficiency measures and behaviors.



Dominion Energy Neighborhood Energy Efficiency Program	Provides income-qualified residential electric customers energy efficiency education, an in-home energy assessment, and direct installation of low-cost energy saving measures delivered in a neighborhood door-to-door sweep approach. Dominion Energy selects neighborhoods to participate in this program.
Dominion Energy Energy Saver /Conservation Rate	Homeowners will be on a reduced electric rate when existing homes are upgraded and new homes are built with a high level of energy efficiency.
Dominion Energy Natural Gas Rebates	Bill credits for installing natural gas equipment. Incentives range from \$50 - \$200.
Dominion Energy Residential Multifamily	This program will directly install LEDs and water-saving measures in apartments, and provide incentives for building common area measures, such as lighting and HVAC upgrades.

### Non-Residential

Dominion Energy Municipal LED Lighting	This program offers municipalities in the Dominion service territory incentives to replace street lighting with high efficiency LED streetlights.
Dominion Energy Time-of-Use Rate - Non-Residential	Participants are charged higher rates during peak-usage periods and lower charges during off-peak periods to encourage customers to conserve energy during peak periods.
Dominion Energy Small Business Energy Solutions	Deep discounts available for energy efficient lighting and refrigeration upgrades. Includes a FREE on-site energy analysis for lighting/refrigeration and financial incentives up to 90% of project costs (up to \$6,000). Available to small business and nonprofit electric customers with five or fewer Dominion Energy electric accounts and an annual energy use of 350,000 kWh or less.
Dominion Energy EnergyWise for Your Business	Incentives for non-residential electric customers to become more energy efficient. Incentives include retrofit and new construction lighting, HVAC unitary, HVAC chillers, HVAC variable frequency drives, food service and refrigeration equipment, custom, building tune-up and technical services.
Dominion Energy Standby Generator Program	For wholesale customers. Provides about 25 megawatts of peaking capacity that can be called upon when reserve capacity is low on the system. A retail version of this program is also available that provides about 10 megawatts of additional capacity as needed.
Dominion Energy Interruptible Load Program	Participating customers receive a discount on their demand charges for shedding load when Dominion Energy is short on capacity. Incentives range from \$2.75 per kW to \$4.50 per kW.
Dominion Energy Real Time Pricing Rate	During peak usage periods throughout the year when capacity is low in the market, participants receive a high price signal that encourages conservation and load shifting. During low usage periods, prices are lower.

### Duke Energy Carolinas (DEC) - Upstate

#### Residential

Duke Energy Carolinas (DEC) Energy Assessments	Provides customers with a free energy audit of their home and an energy efficiency starter kit including LED bulbs, a low flow shower head, and more. The customer will also receive a report with actions to take to increase the home's efficiency.

Duke Energy Carolinas (DEC) Energy Efficiency Education	Engages school children with a live in-school theatrical presentation regarding energy efficiency, and allows children who complete a home energy survey to receive an Energy Efficiency Starter Kit.
Duke Energy Carolinas (DEC) Energy-Efficient Appliances and Devices	Provides incentives for customers to install energy-efficient equipment. The program consists of measures related to lighting, smart thermostats, smart power strips, water heating, and usage.
Duke Energy Carolinas (DEC) Income-qualified Energy Efficiency and Weatherization Assistance	This program consists of three components to provide energy efficiency to low income customers. Neighborhood Energy Saver targets neighborhoods considered low-income for participation based on third party and census data. Customers are provided with direct installation of measures into the home to increase energy efficiency and comfort level. Energy efficiency education is also provided. The Weatherization and Equipment Replacement Program provides funds for weatherization measures and/or heating system replacement. The Refrigerator Replacement Program includes replacement of inefficient operable refrigerators in low income households.
Duke Energy Carolinas (DEC) Multi-Family Energy Efficiency Program	Targeted at getting lighting- and water-efficient measures installed in multi-family properties. The program offers LEDs including A-Line, Globes and Candelabra bulbs and energy efficient water measures such as bath and kitchen faucet aerators, water-saving shower heads, and pipe wrap.
Duke Energy Carolinas (DEC) My Home Energy Report	A periodic report is sent to customers to engage them around their energy usage by providing them with a comparison to similar customers. The report also provides customers with actionable energy-saving tips.
Duke Energy Carolinas (DEC) Residential Smart \$aver Energy Efficiency	This program offers measures to reduce energy consumption in the home. Incentives are available for HVAC, attic insulation/air sealing, duct sealing, variable speed pool pumps, and heat pump water heaters. Rebates range from \$100 - \$450.
Duke Energy Carolinas (DEC) Power Manager	Program provides customers with a financial incentive to allow the Company to interrupt or cycle a customer's air conditioner during peak events. Participants will receive a total of \$32 in bill credits each year.
Duke Energy Carolinas (DEC) Time-of-Use Rate Residential	Under this rate, participants pay a higher rate during times of the day when demand for electricity is higher, and a lower rate during times when demand is lower.
Duke Energy Carolinas (DEC) Online Resources	Online tools and tips including energy calculators.
<b>Non-Residential</b>	
Duke Energy Carolinas (DEC) Time-of-Use Rate Non-Residential	Under this rate, participants pay a higher rate during times of the day when demand for electricity is higher, and a lower rate during times when demand is lower.
Duke Energy Carolinas (DEC) Non-Residential Smart \$aver Energy Efficient Products and Assessment Program	This program provides incentives to commercial and industrial customers to install high efficiency equipment in new construction, retrofit, and equipment replacement projects. Incentive are provided through prescriptive measures (lighting, HVAC, and refrigeration), custom measures (whole building, non-prescriptive), and technical assistance (energy audits, retro commissioning, design assistance).
Duke Energy Carolinas (DEC) Non-Residential Smart \$aver	Financial assistance to customers to enhance their ability to adopt and install cost-effective electrical energy efficiency projects. Incentive payments are

Performance Incentive	provided to offset a portion of the higher cost of energy efficient installations that are not eligible under the prescriptive and custom programs. Incentives are based on actual measure performance.
Duke Energy Carolinas (DEC) Small Business Energy Saver	Targeted to provide small business customers with direct installation of energy efficiency measures. Program measures address lighting, refrigeration, and HVAC. This program is available to non-residential customers that are not opted-out of the EE/DSM Rider and have an average demand of 180 kW or less per active account.
Duke Energy Carolinas (DEC) PowerShare	Through this series of programs, the Company provides customers with financial incentives for the ability to require a customer to shed load during peak events.
Duke Energy Carolinas (DEC) EnergyWise Business	This program provides customers with a financial incentive to allow the Company to cycle customers' air conditioner or heat pumps using either a Wi-Fi thermostat or load control switch during peak events. Participants choose the operation level. Incentives range from \$25 to \$135.

### Duke Energy Progress (DEP) - Pee Dee

#### Residential

Duke Energy Progress (DEP) Residential Smart \$aver Energy Efficiency	This program offers measures to reduce energy consumption in the home. Incentives are available for HVAC, air conditioning, heat pumps, Smart Thermostats, attic insulation and sealing, high efficiency variable speed pool pumps, and heat pump water heaters. Rebates range from \$100 - \$450.
Duke Energy Progress (DEP) Residential New Construction	Company provides financial incentives to builders of single family and multi-family residential dwellings to build new homes to a high efficiency standard.
Duke Energy Progress (DEP) Neighborhood Energy Saver Program	Program uses neighborhood engagements to educate low-income customers and directly install low-cost measures such as efficient lighting, refrigeration, air infiltration, and HVAC in homes in a targeted neighborhood. One-on-one energy education is also offered.
Duke Energy Progress (DEP) My Home Energy Report	A periodic report is sent to customers to engage them around their energy usage by providing them with a comparison to similar customers and with actionable energy-saving tips.
Duke Energy Progress (DEP) Multi-Family Energy Efficiency Program	Targeted at getting lighting- and water-efficient measures installed in multi-family properties. The program offers LEDs including A-Line, Globes and Candelabra bulbs and energy efficient water measures such as bath and kitchen faucet aerators, water-saving shower heads and pipe wrap.
Duke Energy Progress (DEP) Energy Efficiency Education	Engages school children with a live in-school theatrical presentation regarding energy efficiency, and allows children who complete a home energy survey to receive an Energy Efficiency Starter Kit.
Duke Energy Progress (DEP) Residential Energy Assessments	Provides customers with a FREE energy assessment of their home and a customized report. Customers also receive an energy efficiency starter kit including LED bulbs, a low-flow shower head, and more.
Duke Energy Progress (DEP) EnergyWise Home Program	Provides customers with a financial incentive to allow cycling of the customer's air conditioner during peak events. Participants receive a \$25 annual credit on their energy bill.
Duke Energy Progress (DEP)	Under this rate participants pay a higher rate during times of the day when demand for electricity is higher, and a lower rate during times when demand is

Time-of-Use Rate - Residential	lower.
Duke Energy Progress (DEP) Energy Efficient Lighting Program - Residential	Financial incentives for customers to install energy efficient lighting and fixtures. Provides incentives in the form of discounts applied at retail stores.
Duke Energy Progress (DEP) Distribution System Demand Response (DSDR) Program - Residential	This program provides the capability to reduce peak demand while maintaining customer-delivery voltage above the minimum requirement.
Duke Energy Progress (DEP) Energy Efficient Appliances and Devices	Customers receive a free kit that includes water efficiency measures for those with electric water heaters. Additionally, through the Online Savings Store, customers can purchase items such as air purifiers, dehumidifiers, and LED fixtures.
Duke Energy Progress (DEP) Online Resources	Online tools and tips including energy calculators.
Duke Energy Progress (DEP) Residential Service Energy Conservation Discount	This program provides residential customers with a 5% discount on the energy and demand portions of their electricity bills when their homes meet certain thermal efficiency standards. Homes that are Energy Star receive a certificate as well as a 5% discount on their energy and demand portions of their electricity bills.
<b>Non-Residential</b>	
Duke Energy Progress (DEP) Small General Service Thermal Energy Storage Rate	This non-residential rate schedule uses two-period pricing with seasonal demand and energy rates applicable to thermal storage space conditioning equipment.
Duke Energy Progress (DEP) Real Time Pricing Rate	This rate is available to non-residential customers and uses a two-part real-time pricing rate design with baseline load representative of historic usage. Hourly rates are provided on the prior business day. A minimum of 1 MW load is required. This rate schedule is currently fully subscribed.
Duke Energy Progress (DEP) Large Load Curtailable Rates & Riders	Participants agree contractually to reduce their electrical loads to specified levels upon request by DEP. If customers fail to do so during an interruption, they receive a penalty for the increment of demand exceeding the specified level.
Duke Energy Progress (DEP) Non-Residential Smart \$aver Energy Efficient Products and Assessment	This program provides incentives to commercial and industrial customers to install high efficiency equipment in new construction, retrofit, and equipment replacement projects. Incentive are provided through prescriptive measures (lighting, HVAC, and refrigeration), custom measures (whole building, non-prescriptive), and technical assistance (energy audits, retro commissioning, design assistance).
Duke Energy Progress (DEP) Non-Residential Smart \$aver Performance Incentive	Financial assistance to customers to enhance their ability to adopt and install cost-effective electrical energy efficiency projects. Incentive payments are provided to offset a portion of the higher cost of energy efficient installations that are not eligible under the prescriptive and custom programs. Incentives are based on actual measure performance.
Duke Energy Progress (DEP) Small Business Energy Saver	Targeted to provide small business customers with direct installation of energy efficiency measures. Program measures address lighting, refrigeration, and HVAC. This program is available to non-residential customers that are not opted-out of the EE/DSM Rider and have an average demand of 180 kW or less per active account.



Duke Energy Progress (DEP) Commercial, Industrial, and Governmental Demand Response Automation Program	The Company provides customers with financial incentives for the ability to require a customer to shed load during peak events.
Duke Energy Progress (DEP) Time-of-Use Rate - Non-Residential	Under this rate participants pay a higher rate during times of the day when demand for electricity is higher, and a lower rate during times when demand is lower.
Duke Energy Progress (DEP) EnergyWise Business	Program provides customers with a financial incentive to allow the Company to cycle customers' air conditioner or heat pump using either a Wi-Fi thermostat or load control switch during peak events. Incentives range from \$25 - \$135.
Duke Energy Progress (DEP) Energy Efficient Lighting Program - Business	Financial incentives for customers to install energy efficient lighting and fixtures. Provides incentives in the form of discounts applied at retail stores.
Duke Energy Progress (DEP) Distribution System Demand Response (DSDR) Program - Business	This program provides the capability to reduce peak demand while maintaining customer-delivery voltage above the minimum requirement.

**Easley Combined Utilities**

**Residential**

Easley Combined Utilities Load Management Program	This program helps reduce the amount of energy needed during peak hours. Participants allow the utility to install a load management device on their HVAC unit. The customer receives a one-time \$20 account credit and will be placed on the Load Management Program Residential Rate.
Easley Combined Utilities Online "Energy Depot" Toolkit	This website includes a personalized energy profile, energy reduction tips, do-it-yourself energy audit, and more.

**Non-Residential**

Easley Combined Utilities - Business	No business energy efficiency programs available.
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**Edisto Electric Cooperative**

**Residential**

Edisto Electric Cooperative Do-It-Yourself Energy Audit	Booklet of articles, suggestions, and methods to reduce electricity usage.
Edisto Electric Cooperative Energy Saving Tips	Online energy tips.

**Non-Residential**

Edisto Electric Cooperative - Business	No business energy efficiency programs available.
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**Fairfield Electric Cooperative**

**Residential**Fairfield Electric Cooperative  
H2O Select

The cooperative will replace an old water heater with a 50-gallon high efficiency water heater and enroll you in a \$3 per month water heater maintenance program. A \$200 installation fee is required.

Fairfield Electric Cooperative  
Energy Tips

Online energy tips.

Fairfield Electric Cooperative  
Energy Experts

Energy Experts are available to answer questions concerning energy efficiency. Education programs for schools and civic groups are also available.

**Non-Residential**Fairfield Electric Cooperative -  
Business

No business energy efficiency programs available.

**Fort Hill Natural Gas Authority****Residential**Fort Hill Natural Gas Authority  
Appliance Rebates

For customers purchasing new natural gas appliances. Receive a rebate ranging from \$100 - \$350.

Fort Hill Natural Gas Authority  
Energy Tips

Online energy tips

**Non-Residential**Fort Hill Natural Gas Authority -  
Business

No natural gas business programs available.

**Fountain Inn Natural Gas****Non-Residential**Fountain Inn Natural Gas -  
Business

No natural gas business programs available.

**Gaffney Board of Public Works****Residential**Gaffney Board of Public Works  
Conservation Tips

Online energy tips

Gaffney Board of Public Works  
Energy Depot

Online energy tools.

**Non-Residential**Gaffney Board of Public Works  
- Business

No business energy efficiency programs available.

## Greenwood Commission of Public Works

### Residential

Greenwood Commission of Public Works Policy for Promotion of Natural Gas Usage by Residential Owners and Builders

Incentives for installing natural gas appliances, replacing existing appliances with natural gas, using natural gas as the primary heat source, and installing a natural gas water heater. Incentives range from \$50 to \$450.

### Non-Residential

Greenwood Commission of Public Works - Business

No business energy efficiency programs available.

## Greer Commission of Public Works

### Residential

Greer Commission of Public Works Electricity Conservation Tips

Energy saving tips and resource links

Greer Commission of Public Works Natural Gas Conservation Tips

Tips to conserve and save on natural gas bills and links to resources

Greer Commission of Public Works Natural Gas Rebate Program

Rebate program for customers who convert to natural gas and new installs. The rebate is \$400.

### Non-Residential

Greer Commission of Public Works - Business

No business energy efficiency programs available.

## Horry Electric Cooperative

### Residential

Horry Electric Cooperative Guide to Energy Savings

Online energy tools and tips.

Horry Electric Cooperative H2O Select

The cooperative offers rebates of \$125 and \$250 for new qualifying water heaters with a load control unit. No-interest financing, with zero upfront cost is also available.

Horry Electric Cooperative H2O Load Management

Members with existing water heaters less than five years of age who install a load management device receive a one-time \$50 electric bill credit.

### Non-Residential

Horry Electric Cooperative - Business

No business energy efficiency programs available.

## Lancaster County Natural Gas Authority

### Residential

Lancaster County Natural Gas Authority Energy Tips	Online energy tips.
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### Non-Residential

Lancaster County Natural Gas Authority - Business	No natural gas business programs available.
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## Laurens Commission of Public Works

### Residential

Laurens Commission of Public Works Green Grid Reward	The rate is offered to incentivize the use of switches to control air conditioning and heat pumps during high electricity-demand periods. Customers in this program receive the lowest electric rate.
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Laurens Commission of Public Works Blue Star-Switch to Gas	Residents receive a bill credit for installing natural gas appliances. Bill credits range from \$75 to \$450.
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Laurens Commission of Public Works Ways to Save	Online electricity and natural gas tips.
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### Non-Residential

Laurens Commission of Public Works - Business	No business programs available.
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## Laurens Electric Cooperative

### Residential

Laurens Electric Cooperative Energy Star Rate Schedule	This is a separate energy efficiency rate for members with standard residential service with homes that meet Energy Star requirements.
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Laurens Electric Cooperative Home Rewards Program	Residential members who live in single-family homes receive cash back for making energy-efficiency improvements to their homes. Rebates for HVAC upgrades, ductwork, attic insulation, and dual-fuel heat pumps are available ranging from \$100 - \$500.
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## Little River Electric Cooperative

### Residential

Little River Electric Cooperative Help My House	Members are able to finance home energy improvements and make payments through their electric bill.
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### Non-Residential

Little River Electric Cooperative - Business	No business energy efficiency programs available.
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## Lockhart Power Company

### Residential

Lockhart Power Company  
Standard Residential Rate

This rate has an inclining feature. A higher rate is charged for usage above 1,000 kWh each month.

### Non-Residential

Lockhart Power Company  
Industrial Interruptible Service  
Rate (IS-1)

Customer agrees, at the Company's request, to reduce and maintain its load at or below the level specified in the individual contract.

## Lynches River Electric Cooperative

### Residential

Lynches River Electric  
Cooperative Energy Tools and  
Tips

Online tools and tips.

Lynches River Electric  
Cooperative H2O Select

Members receive a new water heater with no installation costs and a ten year warranty for \$7 a month.

### Non-Residential

Lynches River Electric  
Cooperative - Business

No business energy efficiency programs available.

## Marlboro Electric Cooperative

### Residential

Marlboro Electric Cooperative  
Energy Tips

Online energy tips

Marlboro Electric Cooperative  
Energy Resource Conservation  
Loan

A loan for items such as heat pumps, programmable thermostats, and insulation. The loan application fee is \$35, and if it is approved, up to \$5,000 is available for a repayment period of six years. It is a simple interest loan with a fixed 7% interest rate.

### Non-Residential

Marlboro Electric Cooperative -  
Business

No business energy efficiency programs available.

## McCormick Commission of Public Works

### Residential

McCormick Commission of  
Public Works Conservation Tips

Online energy tips

**Non-Residential**McCormick Commission of  
Public Works - Business

No business energy efficiency programs available.

**Mid-Carolina Electric Cooperative****Residential**Mid-Carolina Electric  
Cooperative H2O Select  
Program

This program provides 100% financing with no interest or finance charges to pay for installing new standard high efficiency electric water heaters in existing homes.

Mid-Carolina Electric  
Cooperative Energy Tips

Online energy tips

**Non-Residential**Mid-Carolina Electric  
Cooperative - Business

No business energy efficiency programs available.

**Newberry Electric Cooperative****Non-Residential**Newberry Electric Cooperative -  
Business

No business energy efficiency programs available.

**Orangeburg Department of Public Utilities****Residential**Orangeburg Department of  
Public Utilities Natural Gas  
Rebate Program

This program offers rebates to residential customers installing new natural gas appliances, replacing electric appliances with natural gas, or converting gas appliances from propane to natural gas. Rebates range from \$90 - \$250.

**Non-Residential**Orangeburg Department of  
Public Utilities Interruptible  
Rates

Favorable rates are offered for interruptible-service customers

**Palmetto Electric Cooperative****Residential**Palmetto Electric Cooperative  
Buried Treasure Rebate  
Program

\$200 per ton rebate for ground source heat pumps.

Palmetto Electric Cooperative  
Dual-Fuel Heat Pumps

\$500 rebate per system.

Palmetto Electric Cooperative H2O Select	Replace your water heater with a new model and get a rebate up to \$350.
Palmetto Electric Cooperative Smart Thermostat Program	Participants in this program receive a FREE ecobee Smart Thermostat, FREE standard installation, and Smart Rewards up to \$5 per month bill credit.
<b>Non-Residential</b>	
Palmetto Electric Cooperative - Business	No business energy efficiency programs available.
<b>Pee Dee Electric Cooperative</b>	
<b>Residential</b>	
Pee Dee Electric Cooperative Energy Resource Conservation Loan	Five percent interest rate loan for items such as geothermal heat pumps, heat pumps, programmable thermostats, caulking/weather-stripping, building insulation, windows, doors. The maximum loan amount is \$5,000.
Pee Dee Electric Cooperative Dual Fuel	\$500 rebate when a dual-fuel heat pump is installed.
Pee Dee Electric Cooperative Energy Experts and Audits	Energy experts can go over a customer's bill and usage over the phone or perform an in-home energy audit.
Pee Dee Electric Cooperative Geothermal Heat Pump	Receive a rebate for a ground-source heat pump. The rebate is \$200 per ton up to a maximum of \$1,000.
<b>Non-Residential</b>	
Pee Dee Electric Cooperative Commercial Lighting Incentive	A non-residential incentive for the installation of new energy efficient equipment. Projects are eligible for an incentive up to 25 percent of the total project cost with a maximum of \$7,500 per member per year.
<b>Piedmont Natural Gas Company</b>	
<b>Residential</b>	
Piedmont Natural Gas Company Natural Gas Appliance Rebates - Residential	Provides rebates to customers who purchase and install qualifying high efficiency natural gas equipment. Rebates range from \$50 to \$300.
Piedmont Natural Gas Company Energy Saving Tools and Tips	Online energy tips
<b>Non-Residential</b>	
Piedmont Natural Gas Company Natural Gas Appliance Rebates - Business	\$250 rebate for commercial customers who purchase an efficient tankless water heater.
<b>Santee Cooper</b>	
<b>Residential</b>	

Santee Cooper Time-of-Use Rate - Residential	Participants are charged higher rates during peak-usage periods and lower charges during off-peak periods to encourage customers to conserve energy during peak periods.
Santee Cooper Smart Energy Loans	Loan program for financing energy efficient improvements (up to \$20,000) and renewable energy resources (up to \$40,000).
Santee Cooper Smart Energy Existing Homes	This program offers home energy evaluations, incentive rebates, and financial assistance for energy efficiency improvements. Heat pump, smart thermostat, duct replacement, and heat pump water heater rebates are available.
Santee Cooper Equipment and Lighting Incentives	LED bulbs are given out through retail offices and Home Energy House Calls.
Santee Cooper Smart Energy New Homes	Rebates for home builders based on Home Energy Rating System ratings.
Santee Cooper Onsite Energy Assessments	Free energy assessments to residential customers upon request.
Santee Cooper Public Information Programs	Program elements include web-based customer tips, direct-to-customer communications and public campaigns.
Santee Cooper School Programs and Resources	This program includes the Energy Educators Institute, educational publications, the Solar Schools' Project/Conservation and Energy Curriculum, E-SMART Kids and environmental bookmarks.
Santee Cooper Energy Savings Tips - Residential	Online energy saving tips.
<b>Non-Residential</b>	
Santee Cooper Energy Savings Tips - Non-Residential	Online energy saving tips.
Santee Cooper Time-of-Use Rate - Non-Residential	Participants are charged higher rates during peak-usage periods and lower charges during off-peak periods to encourage customers to conserve energy during peak periods.
Santee Cooper Commercial Prescriptive Program	Rebates for qualified lighting, HVAC, commercial refrigeration, kitchen equipment, domestic hot water, pumps, and motors.
Santee Cooper Commercial Small Business Direct Install Program	Through this program, small businesses receive a free energy assessment. After the assessment install lighting or refrigeration equipment upgrades. Santee Cooper will pay a portion of the project cost.
Santee Cooper Interruptible Service Rate	Customers served under this schedule must contract for at least 1,000 kW of demand and receive service directly from or near SC's transmission system.
Santee Cooper Seasonal Rate	This is a rate designed for businesses that operate on a seasonal basis.
<b>Santee Electric Cooperative</b>	
<b>Residential</b>	
Santee Electric Cooperative	Members that purchase and install a new large capacity electric water heater that meets co-op approval and includes a Santee Electric installed load



H2O Select	management device receive a \$200 rebate.
Santee Electric Cooperative Help My House	Members receive a FREE home energy audit, choose a contractor to make energy improvements, finance the improvements with a low-interest loan, and pay for the improvements on the monthly electric bill.
Santee Electric Cooperative Energy Saving Tools and Tips	Online energy tools and tips.
Santee Electric Cooperative Smart Thermostat	Members can purchase an ecobee 4 Smart Thermostat with Alexa for \$75 (MSRP \$249), or an ecobee 3 Smart Thermostat for \$35 (MSRP \$169), and free standard installation by a licensed electrician to install the device—at no cost to you! You must have Wi-Fi in your home in order to participate.

**Non-Residential**

Santee Electric Cooperative - Business	No business energy efficiency programs available.
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**Seneca Light and Water**

**Residential**

Seneca Light and Water Electricity Tips	Online energy tips
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**Non-Residential**

Seneca Light and Water - Business	No business energy efficiency programs available.
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**Town of Due West**

**Residential**

Town of Due West - Residential	No residential programs available.
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**Non-Residential**

Town of Due West - Business	No business programs available.
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**Town of Prosperity**

**Residential**

Town of Prosperity - Residential	No residential programs available.
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**Non-Residential**

Town of Prosperity - Business	No business programs available.
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**Town of Winnsboro**

**Residential**

Town of Winnsboro - Residential	No residential energy efficiency programs available.
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**Non-Residential**

Town of Winnsboro - Business	No business energy efficiency programs available.
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**Tri-County Electric Cooperative**

**Residential**

Tri-County Electric Cooperative Help My House	Members receive a FREE home energy audit, choose a contractor to make energy improvements, finance the improvements with a low-interest loan, and pay for the improvements on the monthly electric bill.
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Tri-County Electric Cooperative Residential Energy Efficiency Tools and Tips	Online energy tools and tips.
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**Non-Residential**

Tri-County Electric Cooperative Commercial Energy Efficiency Tools and Tips	Online energy tools and tips.
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**York County Natural Gas**

**Residential**

York County Natural Gas Residential Rebate Program	This program is offered to customers converting eligible appliances to natural gas. The rebates will be credited to a customer's gas account or used to reduce the cost of new appliance purchases. Rebates range from \$50 to a total of \$925.
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**Non-Residential**

York County Natural Gas - Business	No natural gas business programs available.
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**York Electric Cooperative**

**Residential**

York Electric Cooperative Dual-Fuel Heat Pump Rebate	A \$700 rebate is available for installation of a Dual-Fuel Heat Pump as well as \$200 for additional units.
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York Electric Cooperative Energy Audit Program	At a resident's request, personnel will visit homes and advise on improvements that can result in both energy and financial savings.
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York Electric Cooperative Energy Tips	Online energy tips
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	This program offers members the opportunity to purchase an ecobee3 lite or ecobee4 smart thermostat at a discounted rate. As a participant, the member
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York Electric Cooperative Smart Thermostat Program	will allow the cooperative to control the thermostat during peak periods, saving money and energy for everyone. If a participant overrides 30-percent or fewer of the load control events during a 12-month period of connection, the member will be credited \$100.00 the 1st year and \$50.00 the 2nd year and each year going forward.
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**Non-Residential**

York Electric Cooperative - Business	No business energy efficiency programs available.
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*This information was downloaded from EnergySaver.sc.gov and is subject to change. Please check with the specific utility provider or organization for the most current information and program details.*

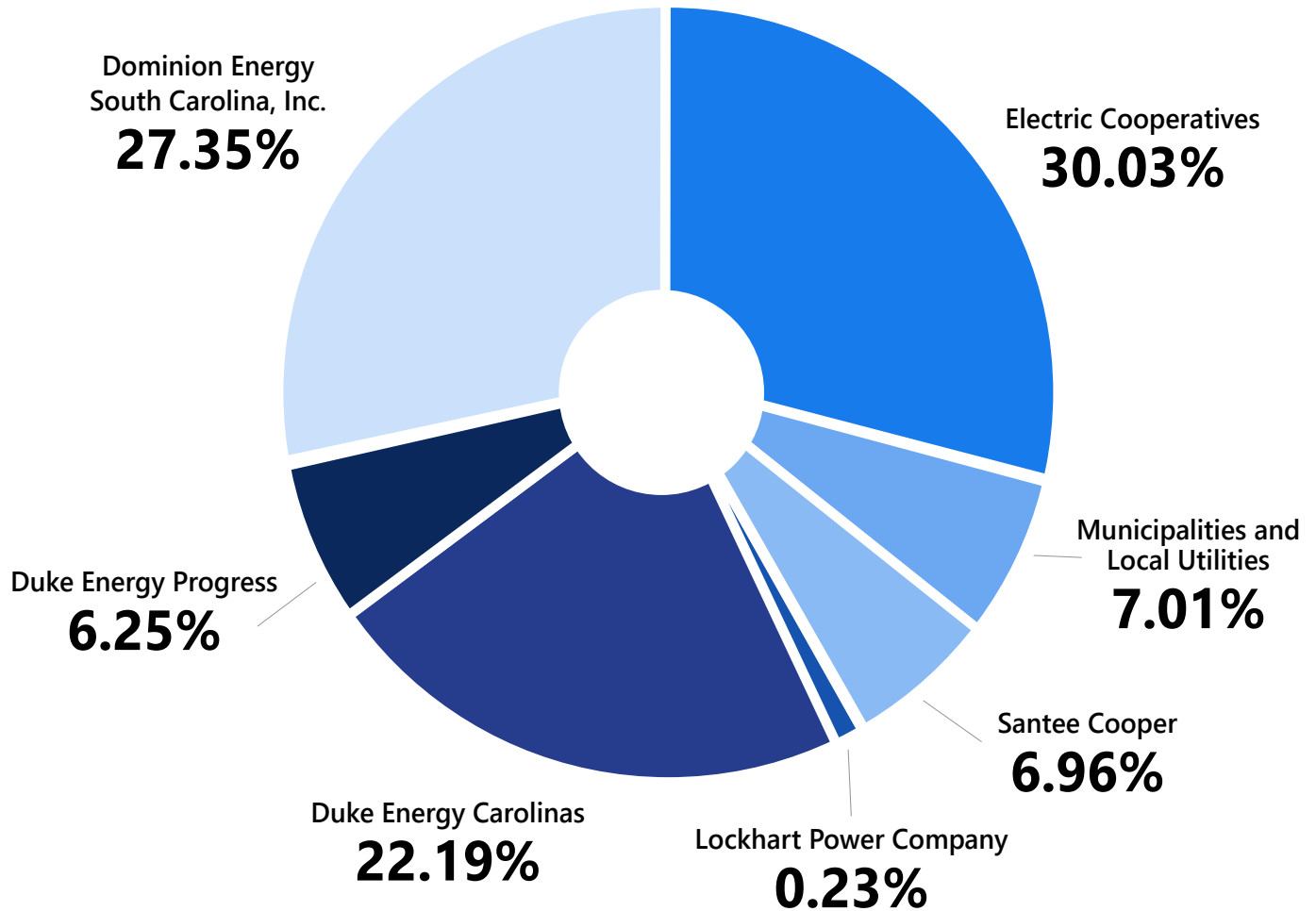
*December 4, 2020*

# **APPENDIX C**

South Carolina Electric and Natural Gas  
Distribution Utility Market Share

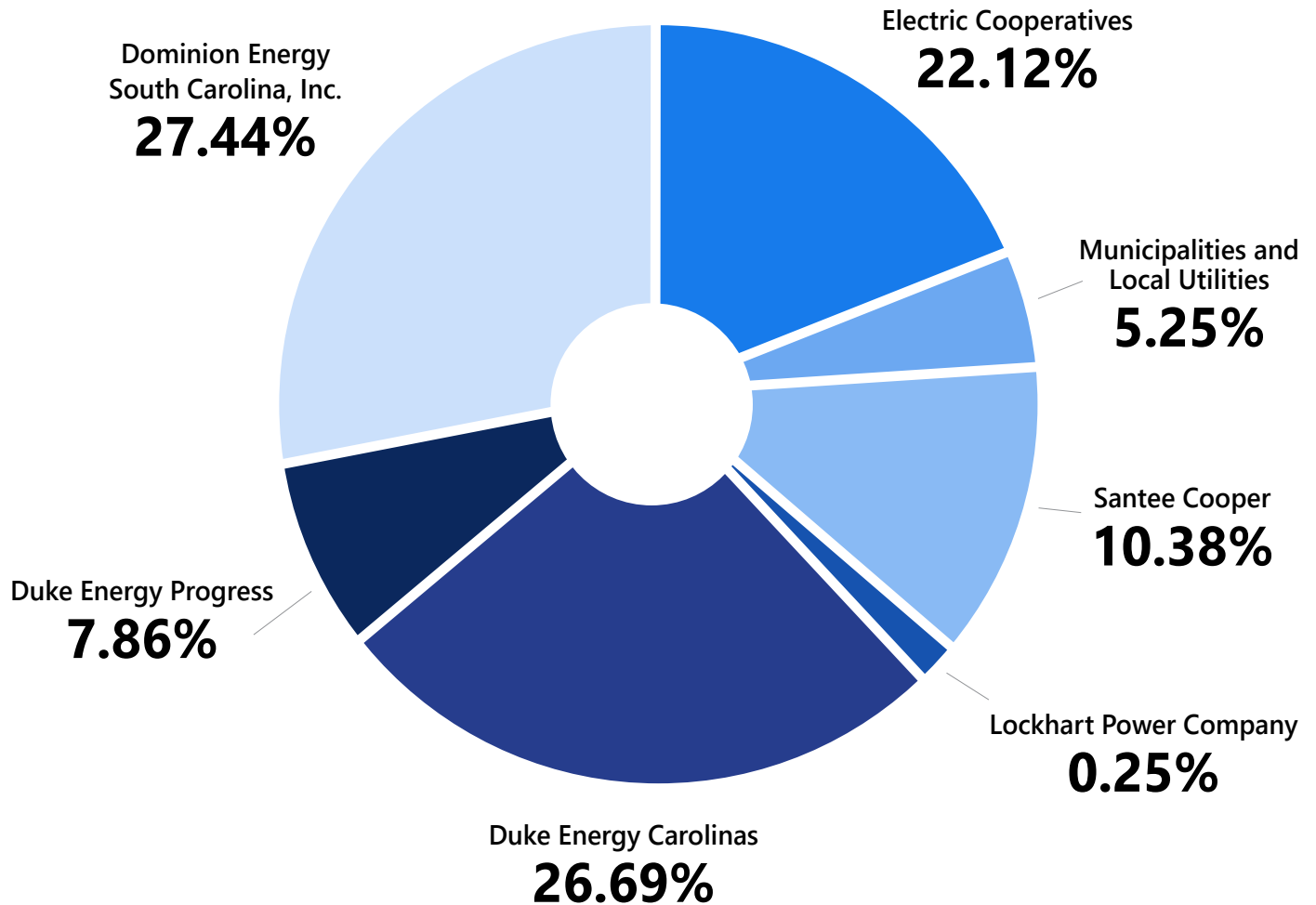


## 2019 Electric Distribution Utility Market Share Number of Customers



Source: U.S. Energy Information Administration, "Annual Electric Power Industry Report, Form EIA-861 detailed data files"  
<https://www.eia.gov/electricity/data/eia861/>

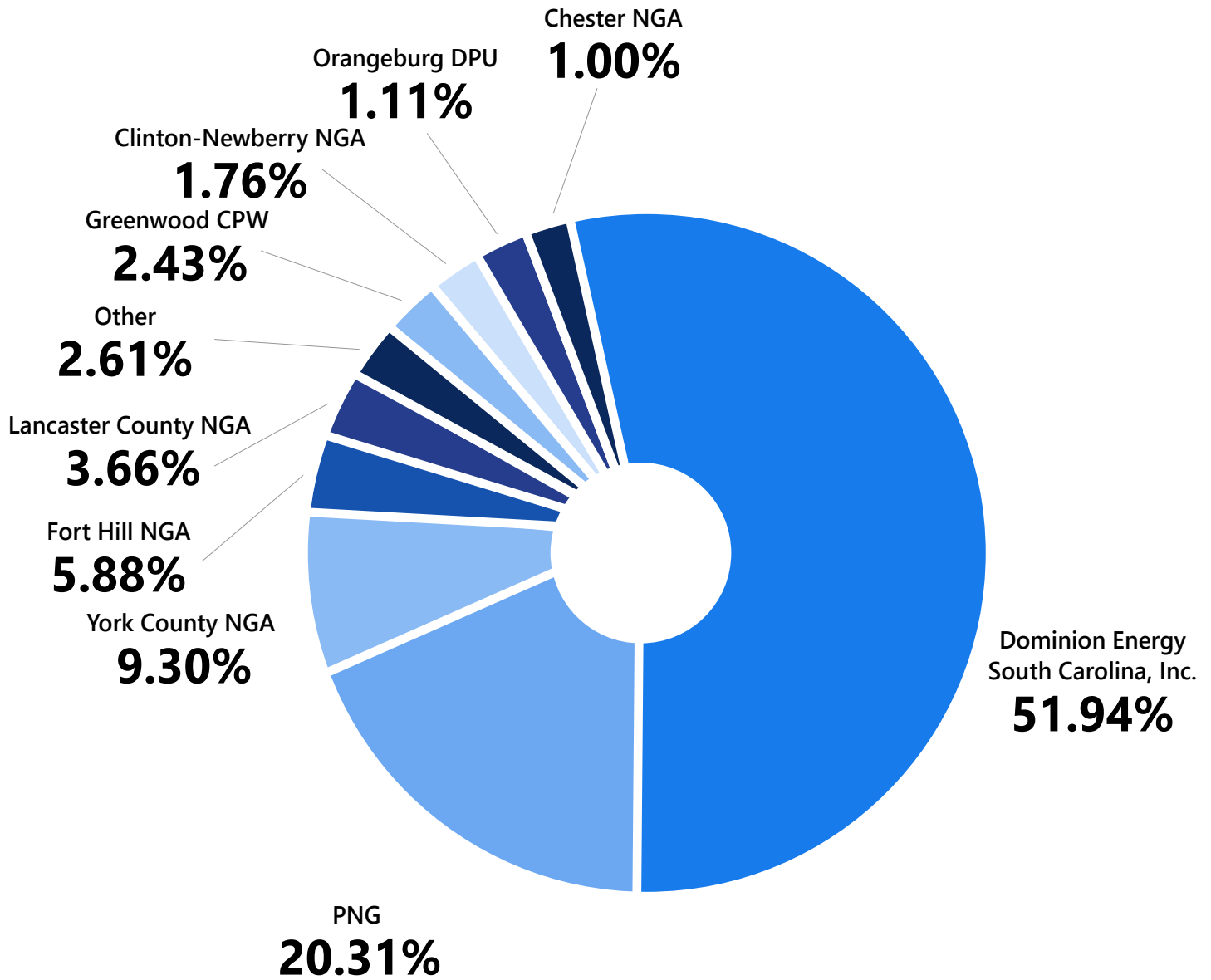
## 2019 Electric Distribution Utility Market Share Sales, in Megawatt-hours



Source: U.S. Energy Information Administration, "Annual Electric Power Industry Report, Form EIA-861 detailed data files"

<https://www.eia.gov/electricity/data/eia861/>

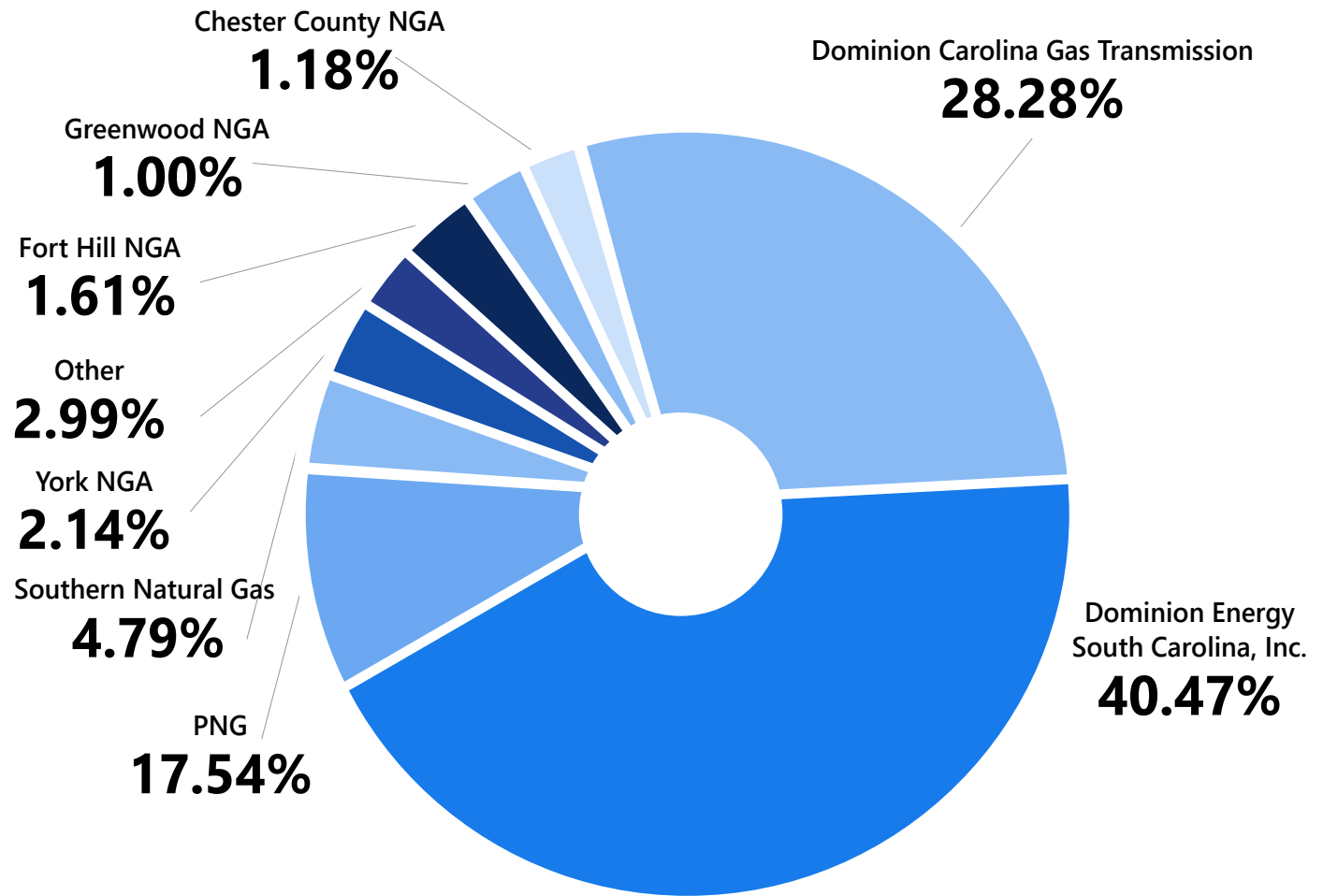
# 2019 Natural Gas Distribution Utility Market Share Number of Customers



Source: U.S. Energy Information Administration, Natural Gas Annual Respondent Query System (EIA-176 Data through 2019)

<https://www.eia.gov/naturalgas/ngqs/#?report=RP4&year1=2019&year2=2019&company=Name>

# 2019 Natural Gas Distribution Utility Market Share Sales, in Thousand Cubic Feet



Source: U.S. Energy Information Administration, Natural Gas Annual Respondent Query System (EIA-176 Data through 2019)

<https://www.eia.gov/naturalgas/ngqs/#?report=RP4&year1=2019&year2=2019&company=Name>

# **APPENDIX D**

## PURPA Qualifying Facilities



The Public Utilities Regulatory Policies Act of 1978 (PURPA) enables end users who generate power for their facilities to make any excess power available to the electric utilities supplying those users. PURPA also allows private companies to generate and to supply electricity to utilities if that power is generated using approved energy resources. "Qualifying facilities", as defined by PURPA, include both 1) small power production facilities using renewable fuel sources, such as wind, solar, hydroelectric, biomass, waste, or geothermal; and 2) cogeneration facilities that produce both electricity and thermal energy in a way that is more efficient than the separate production of both forms of energy. Utility companies are required to purchase power from qualifying facilities at a price equivalent to the avoided cost of additional generation. The purchase of electricity from qualifying facilities and other customer-owned generation helps utilities to offset growth in overall and peak demand.

Qualifying facilities are classified into two categories: 1) purchase, meaning that utilities purchase the power generated; and 2) displace, meaning that the power is used by the facility itself, displacing power that would otherwise be drawn from the electrical grid. As shown in the table below, qualifying facilities in South Carolina had the capacity to provide 1,695,745 kW of power as of October 31, 2020.

## SOUTH CAROLINA INVESTOR OWNED UTILITIES COGENERATION/SMALL POWER PRODUCERS PURCHASED UNDER PURPA

Utility	Project (formerly Plant Name)	Owner (formerly Plant Owner)	Location	Type Fuel	Rate Schedule	Purchase/Displace	Planned/Operate	Capacity kW
DEP	Darlington Solar LLC - Solar*	Darlington Solar LLC	Darlington	Solar	Negotiated (SC)	Purchase	Operating	10,000
DEP	RockTenn CP, LLC - Biomass*	RockTenn CP, LLC	Florence	Biomass	Negotiated (SC)	Purchase	Operating	10,000
DEP	Rankin Solar Center LLC - Solar*	Rankin Solar Center LLC	Florence	Solar	Negotiated (SC)	Purchase	Operating	10,000
DEP	Cherry Blossom Solar, LLC - Solar*	Cherry Blossom Solar- LLC	Hemingway	Solar	Negotiated (SC)	Purchase	Operating	10,000
DEP	Freedom Solar, LLC - Solar*	Freedom Solar, LLC	Nichols	Solar	Negotiated (SC)	Purchase	Operating	5,000
DEP	Bonefish Solar, LLC - Solar*	Bonefish Solar, LLC	Manning	Solar	PP	Purchase	Operating	2,000
DEP	Watauga Solar, LLC - Solar*	Watauga Solar, LLC	Society Hill	Solar	PP	Purchase	Operating	2,000
DEP	Willis Solar, LLC - Solar*	Willis Solar, LLC - Solar*	Pamplico	Solar	PP	Purchase	Operating	2,000
DEP	Bond Solar, LLC - Solar*	Bond Solar, LLC	Summerton	Solar	PP	Purchase	Operating	2,000
DEP	South Solar LLC - Solar*	South Solar LLC	Pamplico	Solar	PP	Purchase	Operating	2,000
DEP	Blacktip Solar LLC - Solar*	Blacktip Solar LLC	Scranton	Solar	PP	Purchase	Operating	2,000
DEP	Gary Solar, LLC - Solar*	Gary Solar, LLC	Bishopville	Solar	PP	Purchase	Operating	2,000
DEP	Goldenrod Solar LLC - Solar*	Goldenrod Solar LLC	Pamplico	Solar	PP	Purchase	Operating	2,000
DEP	Bloom Solar LLC - Solar*	Bloom Solar LLC	Summerton	Solar	PP	Purchase	Operating	2,000
DEP	Redwing Solar LLC - Solar*	Redwing Solar LLC	Darlington	Solar	PP	Purchase	Operating	2,000
DEP	Abbot Solar, LLC - Solar*	Abbot Solar, LLC	Manning	Solar	PP	Purchase	Operating	2,000
DEP	Sapphire Solar LLC - Solar*	Sapphire Solar LLC	Lake City	Solar	PP	Purchase	Operating	1,980
DEP	River Solar LLC - Solar*	River Solar LLC	Lynchburg	Solar	PP	Purchase	Operating	1,980
DEP	Vincent Solar LLC - Solar*	Vincent Solar LLC	Lynchburg	Solar	PP	Purchase	Operating	1,980
DEP	Jessamine Solar, LLC - Solar*	Jessamine Solar, LLC	Mullins	Solar	PP	Purchase	Operating	1,920
DEP	Sumter Heat and Power, LLC - Biomass	Sumter Heat and Power, LLC	Sumter	Biomass	PP	Purchase	Operating	1,546
DEP	DSM Nutritional Products LLC - Solar*	DSM Nutritional Products LLC	Kingstree	Solar	PP	Purchase	Operating	998
DEP	Food Lion #2629 - Diesel*	Food Lion #2629	Elgin	Diesel	No Data	Purchase	Operating	400
DEP	Carter Hill Farms LLC (W H Bundy)- Solar*	Carter Hill Farms LLC (W H Bundy)	Rembert	Solar	CSP	Purchase	Operating	50

Utility	Project (formerly Plant Name)	Owner (formerly Plant Owner)	Location	Type Fuel	Rate Schedule	Purchase/ Displace	Planned/ Operate	Capacity kW
DEP	Laney Development, Inc. - Solar	Laney Development, Inc.	Hartsville	Solar	Negotiated (SC)	Purchase	Operating	11
DEP	Eva Grey & James Anderson-Solar-Barn*	Eva Grey & James Anderson	Nichols	Solar	CSP	Purchase	Operating	6
DEP	Eva Grey & James Anderson-Solar-House*	Eva Grey & James Anderson	Nichols	Solar	CSP	Purchase	Operating	5
DEP	Darlington County Schools-Solar*	Darlington County Schools	Darlington	Solar	CSP	Purchase	Operating	5
<b>Total</b>								<b>77,881</b>

\* denotes PURPA QF

Updated 10/31/20

### SOUTH CAROLINA INVESTOR OWNED UTILITIES COGENERATION/SMALL POWER PRODUCERS PURCHASED UNDER PURPA

Utility	Project (formerly Plant Name)	Owner (formerly Plant Owner)	Location	Type Fuel	Rate Schedule	Purchase/ Displace	Planned/ Operate	Capacity kW
DEC	Cherokee County Cogeneration Partners LP - Other*	Cherokee County Cogeneration Partners LP - NM	Gaffney	Natural Gas	Negotiated (SC)	Purchase	Operating	86,000
DEC	Northbrook Carolina Hydro II, LLC-Gaston Shoals	Northbrook Carolina Hydro II, LLC	Blacksburg	Hydroelectric	Negotiated (SC)	Purchase	Operating	8,500
DEC	Aquenergy Systems LLC-Ware Shoals-Hydroelectric	Aquenergy Systems, LLC - Ware Shoals	Ware Shoals	Hydroelectric	Negotiated (SC)	Purchase	Operating	6,300
DEC	Cherokee Falls Hydroelectric, LLC-Hydro-Interconnected BTM (Broad River)	Cherokee Falls Hydroelectric Project, LLC	Blacksburg	Hydroelectric	PP	Purchase	Operating	4,140
DEC	Northbrook Carolina Hydro LLC - Holliday's Bridge - Hydro	Northbrook Carolina Hydro, LLC - Holliday's Bridge - Hydro - NM	Honea Path	Hydroelectric	PP	Purchase	Operating	3,500
DEC	Pelzer Hydro Company Hydroelectric, LLC-Lower - Hydroelectric	Pelzer Hydro Company, LLC	Williamston	Hydroelectric	PP	Purchase	Operating	3,300
DEC	Greenville Gas Producer LLC-Landfill Gas	Greenville Gas Producer, LLC - NM	Greer	Biomass	PP	Purchase	Operating	3,200
DEC	Lockhart BioEnergy, LLC*	Lockhart BioEnergy, LLC	Enoree	Biomass	Negotiated (SC)	Purchase	Operating	3,200
DEC	Bluebird Solar LLC - Solar*	Bluebird Solar LLC	Pendleton	Solar	PP	Purchase	Operating	3,000

Utility	Project (formerly Plant Name)	Owner (formerly Plant Owner)	Location	Type Fuel	Rate Schedule	Purchase/Displace	Planned/Operate	Capacity kW
DEC	Crown Solar Center LLC - Solar*	Crown Solar Center LLC	Heath Springs	Solar	Negotiated (SC)	Purchase	Operating	3,000
DEC	Northbrook Carolina Hydro - Saluda - Hydro	Northbrook Carolina Hydro, LLC - Saluda - Hydro - NM	Greenville	Hydroelectric	PP	Purchase	Operating	2,400
DEC	Pelzer Hydro Company,LLC- Hydroelectric-Upper	Pelzer Hydro Company,LLC	Anderson	Hydroelectric	PP	Purchase	Operating	2,020
DEC	Whitt Solar, LLC - Solar*	Whitt Solar, LLC	Piedmont	Solar	PP	Purchase	Operating	2,000
DEC	Limelight Solar II LLC - Solar*	Limelight Solar II LLC	Spartanburg	Solar	PP	Purchase	Operating	1,999
DEC	ATOOD Solar III LLC - A - Solar*	ATOOD Solar III LLC	Spartanburg	Solar	PP	Purchase	Operating	1,999
DEC	AGA TAG Solar III LLC - Solar*	AGA TAG Solar III LLC	Spartanburg	Solar	PP	Purchase	Operating	1,999
DEC	ATOOD Solar II LLC*	ATOOD Solar II LLC	Cowpens	Solar	PP	Purchase	Operating	1,980
DEC	Lockhart Power Company - Wellford - Landfill*	Lockhart Power Company - NM	Wellford	Biomass	Negotiated (SC)	Purchase	Operating	1,600
DEC	Northbrook Carolina Hydro LLC - Boyd's Mill - Hydro	Northbrook Carolina Hydro, LLC - Boyd's Mill - Hydro - NM	Ware Shoals	Hydroelectric	PP	Purchase	Operating	1,500
DEC	Converse Energy Incorporated- Hydroelectric*	Converse Energy Incorporated - NM	Spartanburg	Hydroelectric	PP	Purchase	Operating	1,250
DEC	Lockhart Power Company - Upper Pacolet Hydro*	Lockhart Power Company - Upper Pacolet Hydro	Pacolet	Hydroelectric	Negotiated (SC)	Purchase	Operating	1,100
DEC	Pelzer Solar 1, LLC*	Pelzer Solar 1, LLC	Pelzer	Solar	PP	Purchase	Operating	1,001
DEC	Ace Solar LLC - Solar*	ACE Solar LLC	Piedmont	Solar	PP	Purchase	Operating	1,001
DEC	Spartanburg Water System- Hydro	Spartanburg Water System - NM	Chesnee	Hydroelectric	PP	Purchase	Operating	1,000
DEC	Renewable Water Resources - PPA - Solar*	Renewable Water Resources	Greenville	Solar	PP	Purchase	Operating	996
DEC	Lockhart Minimum Flow - Hydro	Lockhart Power Company - Minimum Flow Hydro	Lockhart	Hydroelectric	Negotiated (SC)	Purchase	Operating	850
DEC	Northbrook Carolina Hydro LLC - Boyd's Mill - Hydro	Northbrook Carolina Hydro, LLC - Boyd's Mill - Hydro - NM	Ware Shoals	Hydroelectric	PP	Purchase	Operating	1,500
DEC	Converse Energy Incorporated- Hydroelectric*	Converse Energy Incorporated - NM	Spartanburg	Hydroelectric	PP	Purchase	Operating	1,250
DEC	Lockhart Power Company - Upper Pacolet Hydro*	Lockhart Power Company - Upper Pacolet Hydro	Pacolet	Hydroelectric	Negotiated (SC)	Purchase	Operating	1,100
DEC	Pelzer Solar 1, LLC*	Pelzer Solar 1, LLC	Pelzer	Solar	PP	Purchase	Operating	1,001
DEC	Ace Solar LLC - Solar*	ACE Solar LLC	Piedmont	Solar	PP	Purchase	Operating	1,001
DEC	Spartanburg Water System- Hydro	Spartanburg Water System - NM	Chesnee	Hydroelectric	PP	Purchase	Operating	1,000
DEC	Renewable Water Resources - PPA - Solar*	Renewable Water Resources	Greenville	Solar	PP	Purchase	Operating	996

DEC	Lockhart Minimum Flow - Hydro	Lockhart Power Company - Minimum Flow Hydro	Lockhart	Hydroelectric	Negotiated (SC)	Purchase	Operating	850
DEC	Lockhart Lower Pacolet - Hydro	Lockhart Power Company - Lower Pacolet Hydro	Pacolet	Hydroelectric	Negotiated (SC)	Purchase	Operating	800
DEC	Aquenergy Systems, LLC- Piedmont-Hydroelectric	Aquenergy Systems, LLC	Piedmont	Hydroelectric	PP	Purchase	Operating	600
DEC	Vetroresina LLC - PP - Solar*	Vetroresina LLC - PP	Greenville	Solar	PP	Purchase	Operating	225
DEC	General Electric-Solar*	General Electric - NM	Greenville	Solar	Error	Purchase	Operating	100
DEC	Blacksburg Environmental & Energy LLC - Solar*	Blacksburg Environmental & Energy LLC	Blacksburg	Solar	PP	Purchase	Operating	84
DEC	Itron Inc.-Solar*	Itron Inc. - NM	West Union	Solar	PP	Purchase	Operating	57
DEC	Go Store It Roper, LLC (The Roper Group, LLC)*	Go Store It Roper, LLC	Greenville	Solar	PP	Purchase	Operating	45
DEC	Clover School District 2- Solar*	Clover School District 2- NM	Clover	Solar	PP	Purchase	Operating	27
DEC	Greenville County Schools dba Roper MTN Science CNTR Park-Solar*	Greenville County Schools- NM	Greenville	Solar	PP	Purchase	Operating	24
DEC	Yuze Holdings LLC - Solar*	Yuze Holdings LLC	Greenville	Solar	PP	Purchase	Operating	24
DEC	David Zimmer- Solar - PP*	David Zimmer	Greenville	Solar	PP	Purchase	Operating	12
DEC	Minnesota Mining & Mfg Co - Solar*	Minnesota Mining & Mfg Co	Greenville	Solar	PP	Purchase	Operating	6
DEC	Minnesota Mining & Mfg Co. - Solar*	Minnesota Mining & Mfg Co	Greenville	Solar	PP	Purchase	Operating	5
DEC	Rachel Pressley- SOLAR*	Rachel Pressley	Spartanburg	Solar	No Data	Purchase	Operating	5
DEC	Good Solar Electric LLC- Solar*	Good Solar Electric LLC	Greenville	Solar	PP	Purchase	Operating	5
DEC	Lamar Bailes-Solar*	Lamar Bailes	Walhalla	Solar	PP	Purchase	Operating	5
DEC	Freightliner Corp-Dynamometer*	Freightliner Corp. - NM	Gaffney	Other	PP	Purchase	Operating	0

**Total**

**150,859**

\* denotes PURPA QF  
Updated 10/31/20



**SOUTH CAROLINA INVESTOR OWNED UTILITIES  
COGENERATION/SMALL POWER PRODUCERS PURCHASED UNDER PURPA**

Utility	Project (formerly Plant Name)	Owner (formerly Plant Owner)	Location	Type Fuel	Rate Schedule	Purchase/Displace	Planned/Operate	Capacity kW AC
DESC	WestRock Charleston Kraft, LLC	WestRock Charleston Kraft, LLC	North Charleston	Co-Generation	Contract	Displaced	Operating	99,200
DESC	International Paper Corp	International Paper Corp	Eastover	W/C	Contract	Displaced	Operating	97,500
DESC	Huntley Solar, LLC	Cubico	Orangeburg	Solar	Contract	Purchase	Operating	75,000
DESC	Beulah Solar, LLC	Birch Creek Development	Saluda	Solar	Contract	Purchase	Planned	74,970
DESC	TWE Bowman Solar Project, LLC	Pine Gate Renewables, LLC	Orangeburg	Solar	Contract	Purchase	Operating	74,970
DESC	Palmetto Plains Solar Project, LLC*	Cubico	Orangeburg	Solar	Contract	Purchase	Operating	74,970
DESC	Shaw Creek Solar, LLC	NextEra Energy Resources	Aiken	Solar	Contract	Purchase	Operating	74,900
DESC	Seabrook Solar, LLC	Dominion Solar Projects VII, Inc.	Beaufort	Solar	Contract	Purchase	Operating	72,500
DESC	Midlands Solar, LLC	Cubico	Calhoun	Solar	Contract	Purchase	Planned	72,100
DESC	Moffett Solar 1, LLC	Dominion Solar Holdings IV, LLC	Jasper	Solar	Contract	Purchase	Operating	71,400
DESC	Lily Solar, LLC	X-Elio	Allendale	Solar	Contract	Purchase	Operating	70,000
DESC	Peony Solar, LLC	Pine Gate Renewables, LLC	Orangeburg	Solar	Contract	Purchase	Operating	39,000
DESC	Estill Solar I, LLC*	EDP Renewables	Estill	Solar	Contract	Purchase	Operating	20,400
DESC	Cameron Solar, LLC*	EDP Renewables	Cameron	Solar	Contract	Purchase	Operating	20,000
DESC	Blackville Solar II, LLC	DP-C2 Episode 1	Barnwell	Solar	Contract	Purchase	Operating	20,000
DESC	Hampton Solar II, LLC*	EDP Renewables	Hampton	Solar	Contract	Purchase	Operating	20,000
DESC	Shaw Industries Group, Inc.	Shaw Industries Group, Inc.	Columbia	Co-Generation	Contract	Displaced	Operating	16,271
DESC	Trask East Solar, LLC	Dominion Solar Projects VII, Inc.	Beaufort	Solar	Contract	Purchase	Planned	12,000
DESC	United States of America - Parris Island	United States of America - Parris Island	Beaufort	Solar/CHP	Contract	Displaced	Operating	11,100
DESC	Champion Solar, LLC*	Pine Gate Renewables, LLC	Pelion	Solar	Contract	Purchase	Operating	10,880
DESC	Swamp Fox Solar, LLC*	Pine Gate Renewables, LLC	Pelion	Solar	Contract	Purchase	Operating	10,880
DESC	Southern Current One, LLC*	Pine Gate Renewables, LLC	Brunson	Solar	Contract	Purchase	Operating	10,200
DESC	Estill Solar II, LLC*	Cypress Creek Renewables	Estill	Solar	Contract	Purchase	Operating	10,200
DESC	St. Matthews Solar, LLC*	Pine Gate Renewables, LLC	St. Matthews	Solar	Contract	Purchase	Operating	10,200
DESC	Gaston Solar I, LLC*	Cypress Creek Renewables	Gaston	Solar	Contract	Purchase	Operating	10,200
DESC	Ridgeland Solar Farm I, LLC*	Dominion	Ridgeland	Solar	Contract	Purchase	Operating	10,000
DESC	Yemassee Solar, LLC	Dominion Solar Projects VII, Inc.	Hampton	Solar	Contract	Purchase	Planned	10,000
DESC	Blackville Solar Farm, LLC	Dominion Solar Projects VII, Inc.	Barnwell	Solar	Contract	Purchase	Planned	7,200
DESC	Odyssey Solar, LLC*	Pine Gate Renewables, LLC	Pelion	Solar	Contract	Purchase	Operating	8,160
DESC	Nimitz Solar, LLC	Southern Current	Jasper	Solar	Contract	Purchase	Operating	8,000

Utility	Project (formerly Plant Name)	Owner (formerly Plant Owner)	Location	Type Fuel	Rate Schedule	Purchase/ Displace	Planned/ Operate	Capacity kW
DESC	Diamond Solar, LLC	DP-C2 Episode 1	Lexington	Solar	Contract	Purchase	Operating	8,160
DESC	Haley Solar, LLC*	Pine Gate Renewables, LLC	Allendale	Solar	Contract	Purchase	Operating	8,160
DESC	Gaston Solar II, LLC*	Cypress Creek Renewables	Gaston	Solar	Contract	Purchase	Operating	7,480
DESC	Saluda Solar, LLC*	Cypress Creek Renewables	Saluda	Solar	Contract	Purchase	Operating	6,800
DESC	Hampton Solar I, LLC*	Cypress Creek Renewables	Hampton	Solar	Contract	Purchase	Operating	6,800
DESC	Denmark Solar, LLC	Dominion Solar Projects VII, Inc.	Bamberg	Solar	Contract	Purchase	Planned	6,000
DESC	Springfield Solar, LLC	Southern Current	Orangeburg	Solar	Contract	Purchase	Operating	6,000
DESC	Barnwell Solar, LLC*	Pine Gate Renewables, LLC	Barnwell	Solar	Contract	Purchase	Operating	5,440
DESC	Edison Solar, LLC	DP-C2 Episode 1	Barnwell	Solar	Contract	Purchase	Operating	4,760
DESC	Cameron Solar II, LLC*	Pine Gate Renewables, LLC	Cameron	Solar	Contract	Purchase	Operating	4,080
DESC	Richardson Solar, LLC	DP-C2 Episode 1	Barnwell	Solar	Contract	Purchase	Operating	3,600
DESC	Saluda Solar II, LLC *	Pine Gate Renewables, LLC	Saluda	Solar	Contract	Purchase	Operating	3,400
DESC	Curie Solar, LLC	Cypress Creek Renewables	Hampton	Solar	Contract	Purchase	Operating	2,000
DESC	Tig Sun Energy IV, LLC (Otarre)	TIG Sun Energy	Cayce	Solar	Contract	Purchase	Operating	1,620
DESC	TIG Sun Energy III, LLC (Leeds)	TIG Sun Energy	North Charleston	Solar	Contract	Purchase	Operating	504

**Total**

**1,187,005**

\* denotes PURPA QF  
Updated 10/31/20

**SOUTH CAROLINA STATE OWNED UTILITY  
COGENERATION/SMALL POWER PRODUCERS PURCHASED UNDER PURPA**

Utility	Project (formerly Plant Name)	Owner (formerly Plant Owner)	Location	Type Fuel	Rate Schedule	Purchase/Displace	Planned/Operate	Capacity kW
SCPSA	Centerfield-Cooper LLC*	Birch Creek Development	Chesterfield	Solar	Contract	Purchase	Planned	75,000
SCPSA	Gunsight LLC*	Silver Creek Energy	Swansea	Solar	Contract	Purchase	Planned	75,000
SCPSA	Landrace Holdings LLC*	Birch Creek Development	Conway	Solar	Contract	Purchase	Planned	55,000
SCPSA	Allora Solar LLC	Silver Pine Energy Holdings	Gilbert	Solar	Contract	Purchase	Planned	75,000
<b>Total</b>								<b>280,000</b>

**Total for 119 stations** **1,695,745**

\* denotes PURPA QF  
Updated 10/31/20

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