

**ANNUAL REPORT ON THE
IMPLEMENTATION OF ENERGY USE REDUCTION LEGISLATION,
SECTION 48-52-620, CODE OF LAWS OF SOUTH CAROLINA**



**Prepared by the South Carolina Energy Office
Submitted to the South Carolina General Assembly
December 31, 2009**

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The South Carolina Energy Office (SCEO) submits this report in accordance with Section 48-52-620 (E), Code of Laws of South Carolina.

I. Background

a. Section 48-52-620, Code of Laws of South Carolina

Section 48-52-620, Code of Laws of South Carolina, requires all state agencies, school districts and public colleges and universities to develop energy conservation plans to reduce their energy consumption by one percent annually during fiscal years 2009-2013 and by a total of 20 percent by 2020, as compared to 2000 levels.

The specific requirements of this legislation include the following:

- Energy Conservation Plans – Each state agency and public school district is required to develop an energy conservation plan that addresses how the legislatively mandated energy use reduction goals are to be met. These plans are to be submitted to the SCEO.
- Annual Progress Reports – Each state agency and public school district is also required to submit an annual progress report to the SCEO that outlines actions taken to implement its energy conservation plan and chronicles progress made in achieving its energy reduction goals.
- Annual Report to Legislature – The SCEO is required, in turn, to compile the annual progress reports submitted by the state agencies and public school districts and submit an overall annual report to the General Assembly.

b. South Carolina Energy Office

The 1992 South Carolina Energy Conservation and Efficiency Act established the SCEO within the State Budget and Control Board in order to address energy issues in a consistent and professional manner. The SCEO carries out the state policy and program mandates of the Act and also administers the State Energy Program funded by the United States Department of Energy. Additionally, we carry out substantial functions related to radioactive waste disposal mandated by legislation passed by the General Assembly in 2000. The mission of the SCEO is to increase energy efficiency and diversity, enhance environmental quality and save energy dollars for South Carolina.

II: South Carolina Energy Office Implementation Plan

As the agency responsible for the implementation of this law, the SCEO developed an implementation plan in 2008 involving several activities.

In order to ensure the development of a fair and equitable methodology for implementing this legislative requirement, the SCEO established an advisory group of knowledgeable representatives from a variety of state agencies, school districts, colleges and universities and technical schools – all of which are affected by the new legislative mandate. The composition of this group reflected the diversity of entities affected by this legislation, from size to type of institution. The specific objectives of assembling this group were to (1) develop a methodology for the measurement of energy use reductions and (2) determine how this new requirement can best be incorporated into existing energy use reporting requirements.

The advisory group was established in late summer 2008 and held its first meeting in early September. A second meeting was held in late October. The advisory group is comprised of representatives from the following entities:

- South Carolina Department of Mental Health
- South Carolina Budget & Control Board
- South Carolina Department of Disabilities and Special Needs
- South Carolina Department of Public Safety
- South Carolina Department of Corrections
- South Carolina School for the Deaf and Blind
- Horry County Public School District
- Marion School District 1
- Lexington/Richland County School District 5
- Lexington School District 2
- South Carolina State University
- University of South Carolina-Upstate
- Clemson University
- The Citadel
- Piedmont Technical College
- University of South Carolina

Issues discussed with the advisory group included specifics on how to measure energy reduction, reporting requirements, schedule, training and other assistance needed. With the assistance of the advisory group, a schedule and process were developed for the implementation of the requirements of this legislation. In addition, the advisory group provided input on the type of training desired in order to assist the affected entities in the development of their energy conservation plans.

III: Process and Schedule

In light of the requirements outlined in the legislation, the following process and schedule were developed.

2008

- Letters sent to agency heads – SCEO Director John Clark sent a letter to all affected agency heads and presidents of universities and colleges to inform them of the new legislation and the Energy Plan Development Workshops.
- First Energy Plan Development Workshop held December 9, 2008.
- First Annual Report to General Assembly submitted December 31, 2008.

2009

- Energy Plan Development Workshops held January 20, February 5 and February 20, 2009.
- SCEO staff participated in Trane’s Energy Savings Initiative Workshops on June 2 - 4, 2009.
- South Carolina Accredited Energy Manager Training held in July & December.
- Annual Progress Report due to SCEO on September 15 that includes:
 - Energy Conservation Plan.
 - Energy consumption data for previous year.
- Second Annual Report to General Assembly submitted December 31, 2009.

2010+

- Ongoing assistance and training, as needed.
- Annual Progress Report due to SCEO on September 15 that includes:
 - Energy Conservation Plan Update (if needed).
 - Energy consumption data for previous year.
- Annual Report to General Assembly by December 31.

IV: SCEO Assistance

In response to the needs expressed by the advisory group for assistance in the development of energy conservation plans and in the implementation of energy reduction measures, the SCEO developed a plan to provide technical assistance.

a. Energy Plan Development Workshops

In late 2008, the SCEO contracted with Matt Pesce, P.E., of the Facility Strategies Group, LLC, to conduct Energy Plan Development Workshops for all entities affected by the legislation. Mr. Pesce was selected because of his broad experience in assisting public and private entities in developing energy plans and in identifying measures to achieve energy use reductions.

A total of four Energy Plan Development Workshops were held in various locations throughout the state. Between December 2008 and February 2009, SCEO held these Energy Plan Development Workshops in Columbia, Charleston, Marion and

Greenville. These Energy Plan Development Workshops were extremely successful. Participant evaluations of these workshops were predominantly positive. A total of 147 people participated in these workshops, representing 17 public colleges and universities, 20 state agencies and 49 school districts.

Due to the fact that no funds were appropriated to carry out the new legislative mandate, SCEO obtained sponsorship to offset the costs to the participating institutions. A private energy services company, Trane, Inc., provided the workshop location and lunch for three of the workshops and Control Management, Inc., provided partial sponsorship of one workshop. In addition, SCEO contacted the major utilities to help underwrite the costs of these workshops. Both Progress Energy and Duke Energy each sponsored a workshop in their respective service region.

Additional energy plan development training was made possible by SCEO's participation in three Energy Savings Initiative Workshops that were sponsored by Trane, Inc. In three workshops held in Greenville, Columbia and Charleston, Trane invited SCEO staff to make presentations about the energy reduction legislation and provide additional practical guidance on the development of energy conservation plans.

In all, through the SCEO Energy Plan Development Workshops and the Trane Energy Savings Initiative Workshops, a total of 101 public entities were able to receive some form of energy plan development training.

b. South Carolina Accredited Commercial Energy Manager Training

This year, the SCEO and the Association of South Carolina Energy Managers created a state-specific alternative to the national Certified Energy Managers training offered in years past. The new South Carolina Accredited Commercial Energy Manager Training is intended to provide hands-on information to a broad range of participants. It is designed to specifically train facilities and energy managers to reduce energy consumption per the new legislative requirements. The course focuses on teaching participants to identify projects to reduce their energy consumption and to calculate their energy savings. SCEO contracted with Jim Herritage of Energy Auditors to conduct this training and courses were provided in July and December. A total of 50 people from various public institutions participated in the training. With an overall pass rate of 82%, this training program resulted in 41 individuals receiving the certification of South Carolina Accredited Commercial Energy Manager (ACEM).

c. Individual Technical Assistance

In addition to the Energy Plan Development Workshops and the ACEM training, SCEO staff committed significant time and resources to providing additional energy plan development assistance to public institutions. Following the workshops, SCEO staff developed a Sample Energy Conservation Plan Template in order to provide additional guidance in the development of energy conservation plans (see Appendix A). SCEO staff distributed this template widely and also posted it on the SCEO website. In addition, SCEO made this information available to the Association of South Carolina Energy Managers through their email distribution list and through two

conferences. Additionally, SCEO staff spent significant amounts of time providing assistance via email and telephone to those requiring additional guidance in the development of their plans. Several SCEO staff also participated in site visits to particular institutions who requested additional assistance.

V: Submission of Energy Conservation Plans

A total of 146 state agencies, school districts and public colleges and universities are all subject to the energy use reduction legislation and are therefore required to submit energy conservation plans to SCEO for approval. As of December 29, 2009, all 146 institutions have submitted plans to SCEO and all have been approved as meeting minimum requirements.

While the submission of energy conservation plans is explicitly required by the legislation, the SCEO also made the submission of these plans a requirement for those entities applying for funding through the Energy Efficiency Retrofit Grants and Loans program under the through the American Recovery and Reinvestment Act (ARRA). The intent in doing so was to ensure greater accountability on the part of those entities receiving these federal stimulus program funds. An additional benefit of requiring plans from these entities as part of the funding application requirements is that it prompted these entities to devote even more attention to the development of their energy conservation plans.

In reviewing the energy conservation plans, particular attention was given to three components of the plans: (1) a facility description, (2) the establishment of an energy team and (3) a list of energy conservation goals and measures. These three components were identified as essential elements of an energy conservation plan. Plans submitted to SCEO that did not contain some form of these three elements were not initially approved. SCEO staff contacted those entities and worked with them to ensure that this information was incorporated into their plan.

The rationale for requiring these three components is explained in more detail below. The facility description was considered an essential first step for an institution to develop an energy conservation plan. Specifically, a thorough inventory of an institution's buildings, including the age and condition of the building's HVAC systems, lighting systems and envelope, was considered necessary as a starting point in determining the highest priority energy conservation actions that should be undertaken.

The second required component of an energy conservation plan is the establishment of an energy team. The rationale for this requirement is to raise awareness about energy issues throughout each organization. This is based on the assumption that with an energy team in place, comprised of a spectrum of people from throughout various departments in the institution, energy issues are considered throughout all facets of the organization. Having an energy team established acknowledges the fact that energy issues affect and are affected by everyone in the organization. Without an energy team in place, energy issues often remain merely the focus of facility managers rather than the institution as a whole.

The third required component of an energy conservation plan is the energy plan element section, including a listing of specific energy conservation measures and actions that will target various aspects of energy consumption. In the template provided to the institutions as a guide, SCEO recommended that energy conservation measures cover the full spectrum of categories, including lighting, computer management, maintenance, janitorial services, procurement and capital improvement. In addition, measures regarding increasing energy conservation awareness and affecting behavioral changes were also elements suggested for inclusion in this section.

As mentioned above, all 146 entities affected by this legislation have complied with the energy conservation plan requirement. While the quality and comprehensiveness of the plans submitted varies greatly, all of the plans have met the minimum standards outlined above. The SCEO intends to continue working with these entities to improve their energy conservation plans, with the ultimate goal of helping them achieve the long-term energy savings required by the legislation.

VI: Submission of Annual Progress Reports

The SCEO has seen a significant increase in interest and motivation in saving energy from organizations affected by this legislation. This is evident from the high response rate for energy conservation plans (discussed above) and by applications for funds for State Energy Program energy retrofits under the ARRA.

The SCEO has worked closely with organizations across the state to assist them with the new reporting requirements and tools. Many entities were able to complete the new reporting with little or no help, while others, particularly school districts, required in-depth assistance. This assistance is still ongoing for the organizations failing to submit Annual Progress Reports, listed in Appendix E. A list of organizations that submitted Annual Progress Reports is provided in Appendix D.

The table below summarizes the status of Annual Progress Report submission as of December 23, 2009:

Organization Type	Total Number of Entities	Entities Reporting	Percentage of Entities Reporting
State Agencies	35	27	77%
Residential Colleges and Universities	11	8	73%
Non-Residential Colleges and Universities	22	16	73%
School Districts	85	52	61%
Totals	153	103	67%

VIII. Progress Toward Energy Consumption Goals

Many organizations implemented activities to reduce energy usage during FY09, but did not record calculated savings during the first year of the legislative requirement. Some examples include:

- Darlington County School District used their energy management system to adjust temperature set points in all facilities by one degree. The district expects savings of up to \$60,000/year based on this measure.
- Horry County School District has provided principals direct access to the district's energy accounting software, allowing them real-time access to their energy use and cost, enabling real-time action.
- USC-Aiken implemented a load-shedding program in September in order to reduce peak energy use, and thereby reduce cost by putting the university on a more favorable rate structure with their utility.
- Clemson University established a campus webpage <http://www.clemson.edu/facilities/energy/index.html> to highlight information about the university's energy use and efforts to reduce it.

In addition, the SCEO expects the strong response within the state to Accredited Commercial Energy Manager Training offerings to result in ever-improving capabilities among energy managers to both report on energy use and reduce overall energy use. The SCEO anticipates having better compliance with this energy use reporting requirement in 2010, with specific energy consumption data from each entity covered by the legislation.

Appendix A: Sample Energy Conservation Plan Template

Sample Energy Conservation Plan

Purpose:

Section 48-52-620, Code of Laws of South Carolina, requires all state agencies, school districts and public colleges and universities to develop energy conservation plans to reduce their energy consumption by one percent annually during fiscal years 2009-2013 and by a total of a 20 percent reduction in energy use by 2020, as compared to 2000 levels. These plans are to be submitted to the South Carolina Energy Office.

Section I: Facility/Site Description

In a few paragraphs, please include a basic summary of facilities or site(s). If you have several similar buildings, you can combine them into one general building description.

Examples of information to include:

Total number of buildings

For each building (or grouping of buildings), include a brief summary that addresses:

age

condition

type/use (office building, classroom, gym, auditorium, etc.)

size

building envelope

HVAC systems

lighting systems

control systems

hours of operation

metering

Sample Energy Conservation Plan

Section II: Energy Team Overview

A. Description of Energy Team (Note: the Energy Team should be comprised of representatives from throughout the organization, including facilities, operations, maintenance, finance, administration, etc.)

Example: The Energy Team is comprised of 10 representatives from the following departments and functions within the organization: facilities, operations, maintenance, administration, teaching staff, finance, board members and other stakeholders. The Energy Team was established in March of 2009 and meets monthly to discuss energy management issues, such as organization-wide energy use reduction policies, capital improvement plans, maintenance issues, etc.

B. List of Energy Team members (including name and title or role within the organization or other stakeholders)

C. Policy statement or goals developed regarding energy use reduction

Sample Energy Conservation Plan

Section III: Energy Plan Elements

The following is a sample of the types of goals, strategies and actions that could be included in an energy plan. Please note that these are merely examples and are not intended to comprise a comprehensive list. You may use this as a guide in developing the energy plan elements most relevant to your organization.

Goal A. Implement all appropriate energy conservation measures.

	Strategies	Actions	Resources	Current Status/Comments
	1. Evaluate lighting and implement changes.	a. Replace bulbs with more efficient bulbs (CFLs, etc.)	physical plant staff, electrical contractors	
		b. Install motion detectors in copy rooms, conference rooms, etc.	physical plant staff, electrical contractors	
		c. Install vending misers	physical plant staff, electrical contractors	
		d. Install LED exit signs	physical plant staff, electrical contractors	
	2. Evaluate controls re HVAC, landscaping, etc.	a. Set/adjust timers for A/C, etc.	physical plant staff, electrical contractors	
		b. Install water sensors for sprinkler systems	vendors, energy mgmt systems maintenance contract	
		c. Expand energy management/building automation system	vendors, energy mgmt systems maintenance contract	
	3. Evaluate IT/computer management energy use	a. Purchase Energy Star computers, printers, copiers, etc.	staff, procurement	
		b. Set timers for computers to go into sleep mode	IT staff, software vendors	
		c. Implement virtual server technology or other innovative energy saving computer management actions.	IT staff, software vendors	
	4. Evaluate central energy plant for energy conservation opportunities	a. Install air and water side economizers	IDC design services, mechanical contractor	
		b. Install VFDs on pumps and install 3-way valves	mechanical contractor	
		c. Install thermal energy storage	mechanical contractor	
		d. Replace antiquated chiller with higher efficiency centrifugal model	IDC design services, mechanical contractor	
		e. Replace single boiler with modular boiler in series	IDC design services, mechanical contractor	
	5. Evaluate domestic hot water system(s) for energy conservation measures	a. Install timers or integrate with energy management systems	physical plant staff, energy management systems contract	
		b. Insulate tanks	physical plant staff	

Sample Energy Conservation Plan

		c. Install instantaneous water heaters where appropriate	physical plant staff	
	6. Evaluate building envelope(s) for energy conservation measures	a. Install insulation where needed	contractors, physical plant staff	
		b. Install storm windows and doors	contractors, physical plant staff	
	7. Evaluate the use of an energy savings performance contract for all previously stated strategies		staff, procurement	

Goal B: Integrate energy use considerations into capital improvement plans.

	Strategies	Actions	Resources	Current Status/Comments
	1. Incorporate energy efficiency considerations into procurement of equipment.	a. Change from lowest-bid approach to life-cycle cost approach when purchasing equipment	Energy Team, facilities director, administration	
		b.		
	2. Incorporate energy efficiency considerations into new construction	a. Build to high efficiency standards (as per legislation)	Energy Team, facilities director, administration	

Goal C: Integrate energy use considerations into maintenance plans.

	Strategies	Actions	Resources	Current Status/Comments
	1. Enhance preventative and routine maintenance procedures to maximize energy efficiency	a. Perform filter changes for HVAC @ regular intervals	physical plant staff	
		b. Perform regular inspections for pneumatic leaks.	physical plant staff	
		c. Recommission high energy use equipment	commissioning professionals, contractors	
	2. Integrate energy considerations into cleaning/janitorial activities.	a. Evaluate need for/frequency of various cleaning activities	Energy Team, physical plant staff	
		b. Utilize cleaning products that reduce energy and water consumption.	physical plant staff	
		c.		
	3. Evaluate high efficiency replacements of all equipment	a. Replace all failed motors with premium efficiency ones	physical plant staff	
		b. Replace all failing appliances with Energy Star as minimum standard	physical plant staff	

Sample Energy Conservation Plan

Goal D: Integrate energy use considerations into operations.

	Strategies	Actions	Resources	Current Status/Comments
	1. Consider energy use when planning and scheduling facility operations.	a. Schedule classroom/room usage in same building (consolidation - co-location)	Energy Team, faculty, administration, energy management system operator	
		b. Schedule usage to reduce hours of operation	Energy Team, faculty, administration, energy management system operator	
		c. Schedule custodial functions closer to operational hours	Energy Team, faculty, administration, energy management system operator	

Goal E: Foster a culture of energy awareness throughout the organization.

	Strategies	Actions	Resources	Current Status/Comments
	1. Create an Energy Team comprised of representatives from throughout the organization	a. Create an energy policy to be accepted agency-wide.	Energy Team, faculty, administration	
		b. Hold regular meeting of Energy Team to discuss agency-wide integration of energy, financial and strategic goals	Energy Team, faculty, administration	
	2. Encourage energy efficient behavioral changes through various actions	a. Hold an informational seminar on energy efficiency (e.g., a "lunch & learn")	Energy Team, faculty, administration	
		b. Send out regular email alerts on energy efficiency measures	Energy Team, faculty, administration	
		c. Set lights off and computer shut-down policies for end of day	Energy Team, faculty, administration	
		d. If as school, get the students involved in energy use reductions through creative ways (competitions, contests, etc.)	Energy Team, faculty, administration	
		e. Set up a system of "energy monitors" (e.g., people who issue "oops tickets" for lights or computers left on, etc.)	Energy Team, faculty, administration	
		f. Discourage excess driving (i.e., encourage carpooling, not driving to lunch, etc.)	Energy Team, faculty, administration	

Sample Energy Conservation Plan

Goal F: Improve fleet vehicle efficiency.

	Strategies	Actions	Resources	Current Status/Comments
	1. When replacing vehicles, consider fuel efficiency.	a. Purchase flex-fueled vehicles (per legislation)	Energy Team, administration	
		b. Utilize electric vehicles for maintenance and operational needs	Energy Team, administration, physical plant staff	
	2. Encourage walking and bicycle use	a. Enhance sidewalks and bike routes and other pathways.	Energy Team, administration, physical plant staff	
		b. Install covered bicycle racks.	Energy Team, administration, physical plant staff	

Goal G: Reduce water consumption.

	Strategies	Actions	Resources	Current Status/Comments
	1. Consider plumbing efficiency	a. Replace all toilets, shower heads, aerators with high water efficiency features	contractor, physical plant staff	
	2. Consider water efficiency in landscaping	a. Install water sensors on irrigation systems	contractor, physical plant staff	
		b. Xeriscape or plant native vegetation requiring less water	contractor, physical plant staff	

Appendix B: Annual Progress Report Template

There are four sections included in the Annual Progress Report. Section I details the energy savings measures your organization has implemented during Fiscal Year 2008-2009, and should be completed first. This information, along with other energy data, will be entered into one of two spreadsheets to complete Section II of this report. The spreadsheet you use depends on whether you currently use energy accounting software such as Utility Direct, or whether you normally submit your annual energy consumption data manually. If you use energy accounting software, you will need to complete the Excel file called "Section II." If you manually report consumption data, you should use the new consumption reporting tool called "Section II with Consumption Reporting Tool," which will automatically generate most of Sections II and III for you.

Section I: Calculated and/or Measured Energy Savings Detail

- *For this section, attach all figures for energy efficiency measures (EEMs) implemented in the Fiscal Year 2008-2009, whether measured or calculated. For each measure, include the following:*
 1. Description of energy efficiency measure implemented
 2. Assumptions made in order to calculate savings
 3. Detailed calculations
- *Remember to convert energy savings to kBtus, sum the energy savings from all EEMs, then enter on line 1 of the file called "Section II" or "Section II with Consumption Reporting Tool."*
- *If you implemented no EEMs in the Fiscal Year 2008-2009, simply write "None."*

Section II: Energy Consumption Summary and Detail

- *If you use Utility Direct, submit the file called "Section II," or*
- *If you use energy accounting software other than Utility Direct, submit the file called "Section II" along with backup data, or*
- *If you have utilized the file called "Section II with Consumption Reporting Tool," submit it to satisfy Section II of this Annual Progress Report.*

Section III: Energy Management Training and Overview

You previously should have submitted your Energy Conservation Plan to the South Carolina Energy Office pursuant to Section 48-52-620, Code of Laws of South Carolina. As part of your plan you were asked to form and list the members of your Energy Team. For this section, list or discuss all training, education or other energy team advancement for the Fiscal Year 2008-2009.

Appendix B: Annual Progress Report Template

Section IV: Additional Narrative

This section is for a brief write-up addressing any changes that may have occurred since submission of your Energy Conservation Plan to the South Carolina Energy Office, as well as any successes deserving mention, or barriers to improvement that you have faced.

Appendix C: Section II of Annual Progress Report

Energy Use and Cost Annual Summary

Organization Name		Fiscal Year:	
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Item Number	Energy Measure	Amount or Calculation	Unit
1	Total calculated or measured energy savings for current reporting year. <i>This figure is to come from the summation of energy efficiency measures (EEMs) of Section I of The Annual Progress Report.</i>		kBTU
2	Total energy use for previous reporting year.		kBTU
3	Annual efficiency improvement. <i>(Line 1/Line 2)*100</i>	#DIV/0!	%
4	Conditioned area. <i>Total area of conditioned buildings</i>		ft ²
5	Energy use applied to conditioned space for current year.		kBTU
6	Energy intensity for current reporting year. <i>Line 5/Line 4</i>	#DIV/0!	kBtu/ft. ²
7	Energy intensity for previous reporting year. <i>kBtus/square foot (conditioned space)</i>		kBtu/ft. ²
8	Annual Efficiency improvement based on energy intensity.	#DIV/0!	%
9	Total energy consumption for current reporting year.		kBTU
10	Total energy cost for current reporting year.		\$
11	Energy cost per kBtu for current reporting year. <i>Line 10/Line 9</i>	#DIV/0!	\$/kBtu
12	Cost of energy applied to conditioned space. <i>Please include energy cost only (no water, irrigation, etc.)</i>		\$
13	Energy cost per square foot. <i>Line 12/Line 4</i>	#DIV/0!	\$/ft. ²
14	Total electricity consumed in current reporting year. <i>(Total kWh)*3.413</i>		kBtu
15	Total cost for electricity for current reporting year.		\$
16	Fuel unit cost of electricity <i>Line 15/ Line 14</i>	#DIV/0!	\$/kBtu
17	Total natural gas consumed in current reporting year.		kBtu
18	Total cost of natural gas for current reporting year.		\$
19	Fuel unit cost of natural gas. <i>Line 18/Line 17</i>	#DIV/0!	\$/kBtu

This Excel workbook produces only Section II of your Annual Progress Report. You will also need to complete the Annual Progress Report Sections III and IV. (Word document). Please send electronic versions of both.

Appendix C: Section II of Annual Progress Report

Energy Use and Cost Annual Summary

Organization Name		Fiscal Year:	
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Item Number	Energy Measure	Amount or Calculation	Unit
20	Total propane consumed in current reporting year.		kBtu
21	Total cost of propane for current reporting year.		\$
22	Fuel unit cost of propane. <i>Line 21/Line 20</i>	#DIV/0!	\$/kBtu
23	Total fuel oil consumed in current reporting year. <i>(Gallons) * 140</i>		kBtu
24	Total cost of fuel oil for current reporting year.		\$
25	Fuel unit cost of fuel oil. <i>Line 24/Line 23</i>	#DIV/0!	\$/kBtu
26	Total coal consumed in current reporting year. <i>(tons) * 25,000 or (pounds)*12.5</i>		kBtu
27	Total Cost of coal for current reporting year.		\$
28	Fuel unit cost of coal. <i>Line 27/Line26</i>	#DIV/0!	\$/kBtu
29	Total other fuel consumed in current reporting year. <i>(Must be manually calculated)</i>		kBtu
30	Total cost of other fuel for current reporting year. <i>(Must be manually calculated)</i>		\$
31	Unit cost for other fuel <i>Line 30/Line 29</i>	#DIV/0!	\$/kBtu

Comments/Explanations:

This Excel workbook produces only Section II of your Annual Progress Report. You will also need to complete the Annual Progress Report Sections III and IV. (Word document). Please send electronic versions of both.

Appendix D: Annual Progress Report Reporting Entities

Name	Type
Central Carolina Technical College	PublicCollege/University
Greenville Technical College	PublicCollege/University
Horry Georgetown Technical College	PublicCollege/University
Northeastern Technical College	PublicCollege/University
Orangeburg-Calhoun Technical College	PublicCollege/University
Piedmont Technical College	PublicCollege/University
Spartanburg Community College	PublicCollege/University
Technical College of the Low Country	PublicCollege/University
Trident Technical College	PublicCollege/University
USC-Aiken	PublicCollege/University
USC-Beaufort	PublicCollege/University
USC-Lancaster	PublicCollege/University
USC-Salkehatchie	PublicCollege/University
USC-Sumter	PublicCollege/University
USC-Union	PublicCollege/University
York Technical College	PublicCollege/University
Clemson University	PublicCollege/University
Coastal Carolina University	PublicCollege/University
College of Charleston	PublicCollege/University
Francis Marion University	PublicCollege/University
MUSC	PublicCollege/University
USC-Columbia	PublicCollege/University
USC-Upstate	PublicCollege/University
Winthrop University	PublicCollege/University
General Services	State Agency
John De La Howe School	State Agency
Old Building Exchange Commission	State Agency
Patriots Point Naval & Maritime Museum	State Agency
SC Army National Guard	State Agency
SC Arts Commission	State Agency
SC Commission for the Blind	State Agency
SC Department of Agriculture	State Agency
SC Department of Corrections	State Agency
SC Department of Education	State Agency
SC Department of Health & Environmental Control	State Agency
SC Department of Juvenile Justice	State Agency
SC Department of Labor, Licensing & Reg.	State Agency
SC Department of Mental Health	State Agency
SC Department of Natural Resources	State Agency
SC Department of Parks Recreation & Tourism	State Agency
SC Department of Public Safety	State Agency
SC Department of Transportation, HQ	State Agency
SC Division of Aeronautics	State Agency
SC Employment Security Commission	State Agency
SC ETV	State Agency
SC Forestry Commission	State Agency
SC Vocational Rehabilitation Dept.	State Agency
School for the Deaf and Blind	State Agency
Sea Grant Consortium	State Agency

Appendix D: Annual Progress Report Reporting Entities

Name	Type
State Fleet Management	State Agency
State Ports Authority	State Agency
Aiken SD	School District
Anderson SD1	School District
Anderson SD2	School District
Anderson SD3	School District
Anderson SD4	School District
Bamberg SD1	School District
Bamberg SD2	School District
Barnwell SD19	School District
Barnwell SD29 (Williston SD29)	School District
Beaufort SD	School District
Berkeley SD	School District
Charleston SD	School District
Chester SD	School District
Chesterfield SD	School District
Clarendon SD1	School District
Clarendon SD2	School District
Clarendon SD3	School District
Colleton SD	School District
Darlington SD	School District
Dillon SD3	School District
Dorchester SD2	School District
Florence SD1	School District
Georgetown SD	School District
Greenwood SD50	School District
Greenwood SD51	School District
Greenwood SD52	School District
Hampton SD1	School District
Hampton SD2	School District
Horry SD	School District
Kershaw SD	School District
Lancaster SD	School District
Lee SD	School District
Lexington SD1	School District
Lexington SD2	School District
Lexington/Richland SD5	School District
Marion SD1	School District
Marion SD7	School District
Marlboro SD	School District
Oconee SD	School District
Orangeburg SD3	School District
Orangeburg SD4	School District
Orangeburg SD5	School District
Pickens SD	School District
Richland SD2	School District
Saluda SD	School District
Spartanburg SD2	School District
Spartanburg SD3	School District

**Appendix D:
Annual Progress Report
Reporting Entities**

Name	Type
Spartanburg SD5	School District
Spartanburg SD6	School District
Spartanburg SD7	School District
Williamsburg SD	School District
York SD1	School District

Appendix E: Annual Progress Report Non-Reporting Entities

Name	Type
Aiken Technical College	PublicCollege/University
Denmark Technical College	PublicCollege/University
Florence Darlington Technical College	PublicCollege/University
Midlands Technical College	PublicCollege/University
Tri-County Technical College	PublicCollege/University
Williamsburg Technical College	PublicCollege/University
Lander University	PublicCollege/University
SC State University	PublicCollege/University
The Citadel	PublicCollege/University
Governor's School of Arts and Humanities	State Agency
Governor's School of Mathematics	State Agency
Santee Cooper	State Agency
SC Criminal Justice Academy	State Agency
SC Department of Disabilities and Special Needs	State Agency
SC Department of Motor Vehicles	State Agency
State Law Enforcement Division	State Agency
Wil Lou Gray Opp School	State Agency
Abbeville SD	School District
Allendale SD	School District
Anderson SD5	School District
Barnwell SD45	School District
Calhoun SD	School District
Cherokee SD	School District
Dillon SD1	School District
Dillon SD2	School District
Dorchester SD4	School District
Edgefield SD	School District
Fairfield SD	School District
Florence SD2	School District
Florence SD3	School District
Florence SD4	School District
Florence SD5	School District
Greenville SD	School District
Jasper SD	School District
Laurens SD55	School District
Laurens SD56	School District
Lexington SD3	School District
Lexington SD4	School District
Marion SD2	School District
McCormick SD	School District
Newberry SD	School District
Richland SD1	School District
Spartanburg SD1	School District
Spartanburg SD4	School District
Sumter SD17	School District
Sumter SD2	School District
Union SD	School District
York SD2 (Clover)	School District
York SD3 (Rock Hill)	School District
York SD4 (Fort Mill)	School District