

ANNUAL REPORT 2021



Annual Report on the Implementation of
State Government Energy Conservation

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December 2021

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Executive Summary

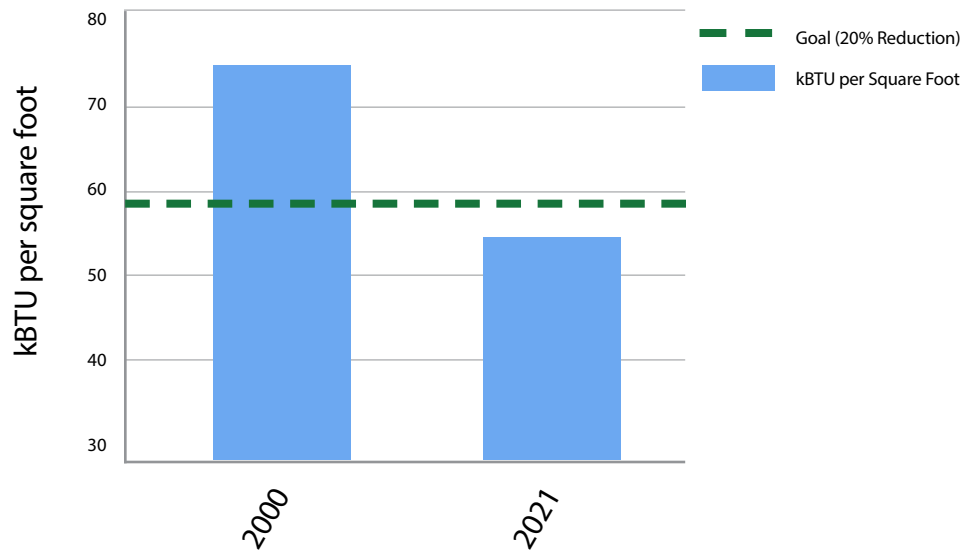
The South Carolina Office of Regulatory Staff – Energy Office (Energy Office) presents this Annual Report on the Implementation of State Government Energy Conservation to the South Carolina General Assembly (General Assembly). The performance period for this report is Fiscal Year 2021 (FY 2021).

Background:

Section 48-52-620 of the South Carolina Code of Laws required state agencies, public school districts, and public colleges and universities (public entities) to develop energy conservation plans and work to reduce their energy consumption by 20% by 2020, as compared to 2000 levels. The Energy Office was tasked with collecting each public entity’s annual report and tracking their progress toward the 20% energy usage reduction goal. While this initiative has successfully concluded with the state having collectively reached the energy usage reduction goal, the Energy Office continues to collect energy data and progress reports from the public entities. To achieve further reductions in energy consumption by the state and assist public entities that have not met the 20% reduction goal, the Energy Office also continues to provide ongoing training, workshops, and technical assistance, and makes available low-interest loans for energy efficiency projects.

Public Entities by Type	Average Energy Use per Square Foot (site kBtu)			Average Energy Spending per Square Foot (\$)		
	FY 2000	FY 2021	% change	FY 2000	FY 2021	% change
State Agencies	113	78.93	-30%	\$2.13	\$1.82	-14%
Residential Colleges and Universities	143	110.94	-22%	\$2.07	\$1.69	-18%
Non-Residential Colleges and Universities	80	64.97	-19%	\$1.85	\$1.57	-15%
School Districts	45	34.25	-24%	\$1.34	\$1.04	-23%
Overall	74	55.93	-24%	\$1.63	\$1.28	-21%

Note: These statistics are based on self-reported data submitted by public entities. The Energy Office makes no representation regarding the accuracy of these data.



Findings:

Data submitted for FY 2021 indicates that public entities reduced their energy use per square foot by 24% and energy spending per square foot by 21%. Collectively, public entities have achieved the 20% goal mandated by the General Assembly. (Note: an entity reaching the 20% reduction goal does not preclude their energy use from rising again.)

Overall, the state’s agencies, public school districts, and public colleges and universities have done an excellent job of reducing energy use. As a group, they have achieved the mandated goal and have continued in their efforts to reduce their energy consumption despite the conclusion of the goal period.



Background

The State Energy Office (Energy Office) was established by the South Carolina Energy Efficiency Act of 1992 to serve as the principal energy planning entity for the state. The mission of the Energy Office is to advance South Carolina’s energy strategy and policy through education and outreach. The Energy Office is funded by the US Department of Energy’s State Energy Program.

Following the South Carolina Restructuring Act of 2014, the Energy Office is housed within the Office of Regulatory Staff. This reorganization has not altered the legislatively mandated duties of the Energy Office.

Section 48-52-620 of the South Carolina Code of Laws required affected state agencies, public school districts, and public colleges and universities (public entities) to develop energy conservation plans and work to reduce their energy consumption by 20% by 2020, as compared to 2000 levels. These public entities are required to submit annual energy conservation reports to the Energy Office. The reports consist of data showing energy use and cost per square foot and a narrative that outlines actions taken to implement the public entity’s energy conservation plan. It also chronicles progress made in achieving the entity’s energy use goals (see Section III for more detail). Section 48-52-620(E) required the Energy Office to compile this information and report it to the South Carolina General Assembly (General Assembly) by December 31 of each year.

To ensure the development of a fair and equitable methodology for implementing this legislative requirement, the Energy Office established an advisory group in 2008. The group consisted of representatives from a variety of state agencies, school districts, and public colleges and universities – all of which were affected by the new legislative mandate. The composition of this group reflected the diversity of public entities affected by this legislation, both in size and type of institution.

Based on the advisory group’s recommendations, the Energy Office offered four energy-plan development workshops around the state. Over 140 individuals participated in these workshops; participants represented 20 state agencies, 49 school districts, and 17 public colleges and universities. After concluding the workshops, Energy Office staff developed a sample energy conservation plan template that was provided to all public entities and remains available on the Energy Office website as a guide.



In October 2019, the Energy Office launched the South Carolina Energy Efficiency Roadmap initiative. Facilitated by the Duke University Nicholas Institute, the initiative brought stakeholders together to 1) review the remaining energy efficiency recommendations from the 2016 Energy Plan and reassess them according to current priorities and 2) to identify new opportunities and develop next steps. Guided by an advisory committee, six working groups were formed to focus on different areas. One of these groups focused on non-profit and public entities, and in consideration of the conclusion of the 20% by 2020 performance period, one of their resulting recommendations was to propose new legislation to re-establish the state's energy conservation goals for public entities. The successor goal proposed by the stakeholders involved in this initiative would require state agencies, public colleges and universities, and public-school districts to (1) develop a new energy conservation plan and (2) reduce their energy consumption by 10% by 2030, as compared to 2015 levels. To date, new legislation proposing a successor goal has not been proposed.

Activities in Support of Implementation

Section 48-52-620(E) required the Energy Office to provide the technical assistance necessary for state agencies and school districts to satisfy the requirements of the law. In addition to the energy plan development workshops noted above, the Energy Office has provided the following:

Training

In 2009, the Energy Office and the Association of South Carolina Energy Managers created a state-specific alternative to the national Certified Energy Manager[®] training: the Accredited Commercial Energy Manager (ACEM) training. The primary purpose of this training is to educate facility and energy managers as they work to reduce energy consumption in support of the legislative requirements. The course teaches participants to identify projects that can reduce their energy consumption and how to calculate their projected energy savings.

Since 2009, a total of 21 ACEM training classes have been held, most recently in November 2021. A total of 376 individuals have received this extensive energy-management training. The pass rate for the course averages approximately 79%, with those passing the test receiving the ACEM certification.

In Fiscal Year 2021 (FY 2021), the Energy Office also facilitated two courses offered by the American Society of Heating, Refrigeration and Air-Conditioning Engineers (ASHRAE). In response to public school districts that had an interest in sanitation procedures during the COVID-19 pandemic, ASHRAE offered an Evaluating your HVAC System's Readiness to Mitigate the Spread of SARS-COV-2 course. Fifty-seven individuals participated in this course. ASHRAE also hosted a two-day Commercial Building Energy Audits course, which had 23 participants. The course provided guidance on how to conduct energy audits in commercial facilities including government entities, which had 23 participants.

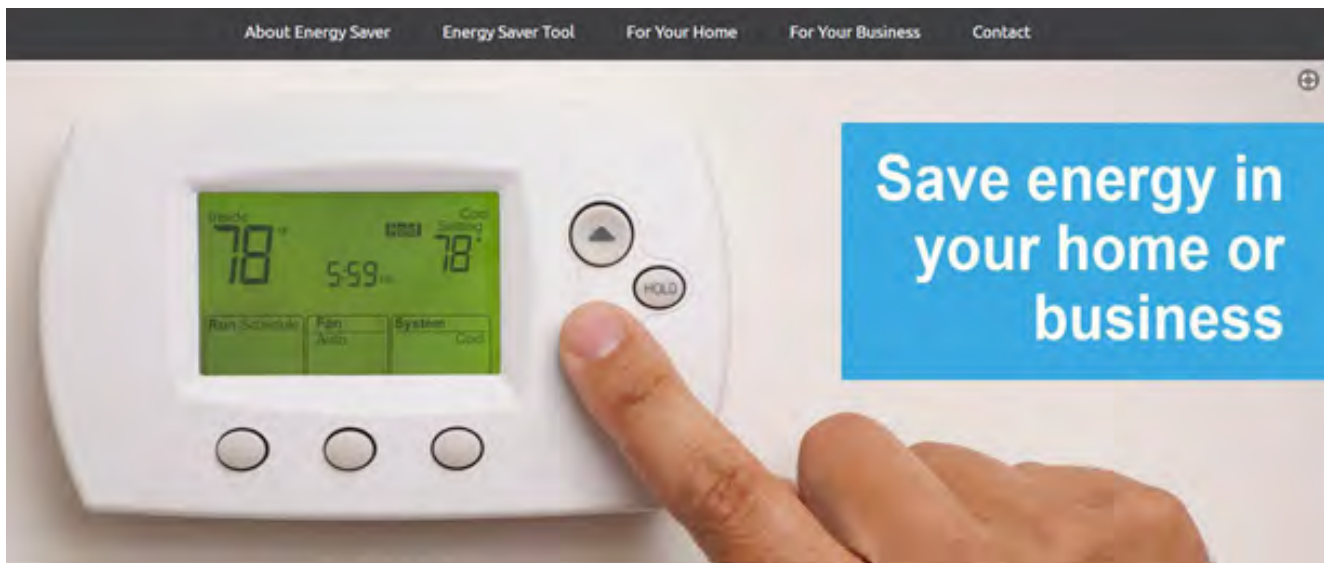
In addition to the two ASHRAE courses, the Energy Office facilitated the Boiler Efficiency Institute's two-day Boiler Course, which instructs attendees on identifying and implementing cost-saving measures in steam plants. This course had 27 participants in FY 2021.

While the continuation of the COVID-19 pandemic has limited the Energy Office's capability to host in-person events and trainings, the Energy Office has been in making the pivot to conduct annual trainings in a virtual format. All training courses offered in FY 2021 were delivered virtually.

Assistance to Agencies

The Energy Office works with public entities requesting assistance with energy-use reporting requirements and often devotes considerable effort to identifying and correcting reporting errors. The Energy Office invites public entities to report using the mechanism most convenient for them, which can range from elaborate facility and energy management software to a simple Excel-format reporting spreadsheet developed by the Energy Office. To improve tracking and reporting, assistance is available to help public entities import their data into Portfolio Manager, a free online tool offered by the United States Environmental Protection Agency. The program not only helps with long-term benchmarking but also allows users to apply for ENERGY STAR® designations for individual buildings.

In addition, the Energy Office – through its Energy Technical Assistance Program – provides free energy assessments for facilities owned by state and local government as well as other entities. These walk-through assessments help to identify cost-effective energy conservation measures and set priorities for action. In the previous fiscal year, the Energy Office paused energy assessments due to the COVID-19 pandemic. In late 2021, the Energy Office re-opened the Energy Technical Assistance Program for applications. More information on Energy Technical Assistance may be found at www.ENERGY.SC.GOV/Public.



In July 2020, the Energy Office also launched its new Energy Saver Tool, which enables both commercial and residential end users to find energy-saving programs that may be available to them. By inputting certain information including their end use, utility provider, and county, the tool will provide a list of applicable grants, loans, rebates, tax incentives, and other programs that may be available from various sources. These results can be easily printed or saved, and the website also offers tips on how to save energy. The Energy Saver Tool can be found at www.EnergySaver.SC.GOV.

ConserFund

Funding assistance for energy efficiency improvements is available through the ConserFund low-interest loan program. Loans are available to state agencies, public colleges and universities, school districts, local governments, and private non-profit organizations. Loans have a fixed annual interest rate currently set at 1.5%, and the program is structured so that the cost savings resulting from the energy efficiency upgrades can be used to repay the loan. More information on ConserFund may be found at www.ENERGY.SC.GOV/Incentives/Conserfund.

ConserFund Plus is a variation of the standard ConserFund loan, offering funding as a 70% loan and a 30% grant, and is only available to state agencies, public colleges and universities, and public K-12 schools. Due to the popularity of the program, as of August 2019, all available funds have been disbursed, so these funds are temporarily unavailable. However, these funds will become available again as loans are repaid.

Milestone Recognition Awards

The Energy Office provides tangible recognition for those public entities that have met their mandated 20% reduction in energy intensity since the year 2000. The following entities were issued awards after completion of the Fiscal Year 2020 report, based on having two or more consecutive years of meeting the 20% reduction goal:



Clemson University



Florence School District 5



Hampton School District 1



South Carolina Department of Juvenile Justice

For FY 2021, 74 public entities are recognized for achieving the 20% energy intensity reduction goal and are eligible to receive an Energy Reduction Milestone Achievement Award offered by the Energy Office (Note that recognition does not ensure that an agency's energy use has not since risen or may not rise in the future.)

Aiken Technical College	Palmetto Railways
Allendale School District	Patriots Point Development Authority
Anderson School District 2	Pickens School District
Barnwell School District 45	Piedmont Technical College
Beaufort School District	Rock Hill School District 3
Charleston School District	SC Department of Administration - Facilities Management
Cherokee School District	SC Department of Agriculture
Chester School District	SC Department of Disabilities & Special Needs
Chesterfield School District	SC Department of Juvenile Justice
Clarendon School District 2	SC Department of Labor, Licensing & Regulation - Division of Fire and Life Safety
Coastal Carolina University	SC Department of Mental Health
College of Charleston	SC Department of Natural Resources
Colleton School District	SC Department of Parks, Recreation & Tourism
Dorchester School District 2	SC Department of Public Safety
Dorchester School District 4	SC Department of Transportation
Fairfield School District	SC Educational Television
Francis Marion University	SC Forestry Commission
Georgetown School District	SC Law Enforcement Division
Greenville School District	SC Military Department
Greenville Technical College	SC Sea Grant Consortium
Greenwood School District 50	SC State University
Greenwood School District 51	Spartanburg Community College
Hampton School District 2	Spartanburg School District 1
Horry County School District	Spartanburg School District 4
Jasper School District	Spartanburg School District 5
Kershaw School District	Spartanburg School District 7
Lancaster School District	Sumter School District
Lander University	Trident Technical College
Laurens School District 55	Union School District
Laurens School District 56	University of SC - Aiken
Lexington School District 4	University of SC - Lancaster
Lexington-Richland School District 5	University of SC - Sumter
McCormick School District	University of SC - Union
Medical University of SC	Williamsburg School District

Northeastern Technical College	Williamsburg Technical College
Old Exchange Building Commission	Williston School District 29
Orangeburg School District	Winthrop University

Thirty-seven entities have been recognized previously for achieving the 20% energy intensity reduction goal in one or more years during FY 2001 – FY 2020 performance periods but have not met the threshold for FY 2021 or did not submit complete data for the period.

Aiken School District	Newberry School District
Anderson School District 3	Orangeburg-Calhoun Technical College
Anderson School District 5	Richland School District 1
Bamberg School District 1	Saluda School District
Berkeley School District	SC Department of Corrections
Clarendon School District 1	SC Department of Employment & Workforce
Clarendon School District 3	SC Department of Health and Environmental Control
Clemson University	SC Governor's School for Agriculture at John de la Howe
Darlington School District	SC Vocational Rehabilitation Department
Denmark Technical College	Spartanburg School District 2
Denmark-Olar School District 2	Spartanburg School District 3
Edgefield School District	Spartanburg School District 6
Florence School District 2	Technical College of the Lowcountry
Florence School District 5	The Citadel
Florence-Darlington Technical College	Tri-County Technical College
Fort Mill School District 4	University of SC - Columbia
Greenwood School District 52	University of SC - Upstate
Hampton School District 1	York School District 1
Lee School District	

Many factors may contribute to an organization's energy use rising again, such as changes in operating hours or construction of new facilities that contain more technological components that consume electricity.

Since the initial performance period of FY 2001, 111 of 145 (77%) of public entities have achieved the 20% energy intensity reduction goal in at least one fiscal year.

Submission of Annual Progress Reports

For FY 2021, public entities were required to complete the following five sections of the report:

Section 1: Energy Conservation Measures

This section requires an inventory of energy conservation measures implemented during the year, including any measured or projected energy savings.

Section 2: Energy Consumption Data

In this section, overall energy consumption data is reported, either through a web-based reporting tool or a spreadsheet provided by the Energy Office.

Section 3: Purchase of Energy Conservation Products

This section requests a confirmation that all purchased energy conservation products have been certified and/or approved by the Energy Office, as per § 48-52-640.

Section 4: Additional Questions

This section solicits information about organizations' interest in obtaining technical assistance from the Energy Office or in receiving the Energy Connection newsletter. Additional information is requested on any installed photovoltaic systems.

Section 5: Energy Plan Update and Success Stories

This section requests that organizations send a current copy of their energy conservation plans to the Energy Office if they have made significant changes since 2009. If no major revisions occurred, agencies are asked to provide an update on progress toward achieving the goals outlined in their plans, including both successes and barriers faced.

Of the 145 public entities, 129 (87%) submitted complete reports. Thirteen (9%) did not submit a report. The remaining six (4%) submitted an incomplete report.

Public Entities by Type ¹	Total Number of Public entities	Complete	% Complete	Partially Complete	% Partially Complete	Non- Submitting	% Non- Submitting
State Agencies	33	30	91%	2	6%	1	3%
Residential Colleges and Universities ²	12	12	100%	0	0%	0	0%
Non-Residential Colleges and Universities	21	19	90%	0	0%	2	10%
School Districts	79	65	81%	4	6%	10	13%
Totals	145	126	87%	6	4%	13	9%

A list of non-submitting entities is included in Appendix A. Energy Office staff continues to provide assistance to public entities upon request.

A sample of completed Annual Progress Reports is provided in Appendix B. These reports are included to illustrate the range of energy conservation and efficiency activities used by many public entities. This appendix includes a sampling of complete reports and is not intended to imply Energy Office endorsement of the reports included in the sampling over those not included.

¹ For reporting purposes, public entities were separated into peer groups that most closely mirrored their energy consumption and energy expenditure levels. These group types are as follows: state agencies, residential colleges and universities, non-residential colleges and universities, and school districts.
² The Medical University of South Carolina is included in the Residential Colleges and Universities organization type for this report as its energy consumption levels are most similar to this peer group.

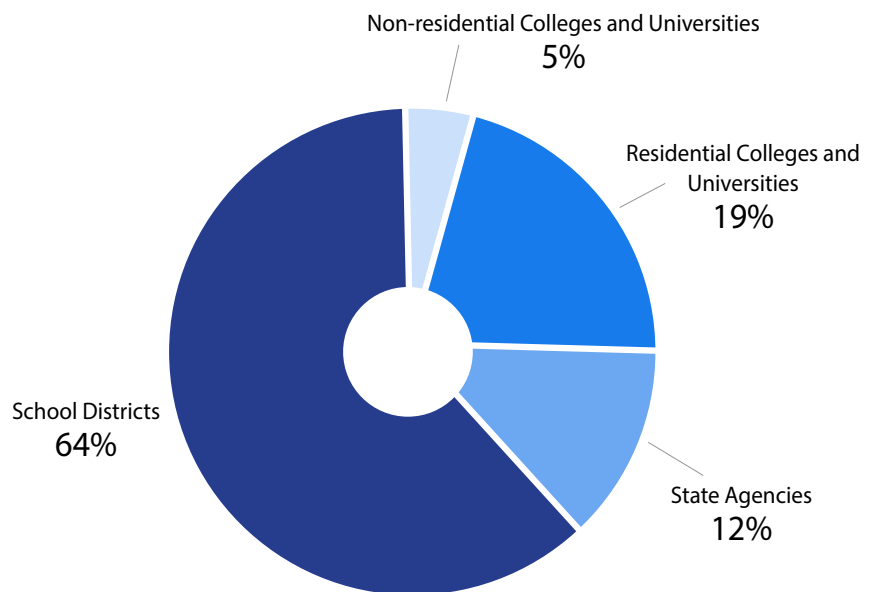
Progress toward Energy Conservation Goals

The General Assembly requires public entities to work toward meeting specific goals in reducing their energy intensity (defined as total site energy consumption measured in thousands of British Thermal Units (kBtu) per gross square foot). The Energy Office has collected data on energy consumption, energy spending, and building square footage from public entities on an annual basis for more than 20 years. This data can be used as a basis for estimating the progress made by public entities toward meeting required energy goals. However, this data is accepted as received, and the Energy Office can make no representation regarding accuracy. In addition, some entities did not submit reports to the Energy Office, which introduces a potential source of bias. Additional inconsistencies have been introduced because the 2008 legislation exempted buildings constructed under the Energy Independence and Sustainable Construction Act of 2007 as well as buildings not in existence in both 2000 and 2008. However, many agencies and schools simply report on all of their buildings, and certainly plan for all of their buildings, so the data collected may include energy intensity in buildings that should be excluded from the 20% reduction goal. Consequently, the statistics reported in this section should be interpreted with caution.

For the purpose of reporting trends, public entities were separated into peer groups that most closely mirrored their energy consumption and energy expenditure levels. These group types are as follows: state agencies, residential colleges and universities, non-residential colleges and universities, and school districts. The Medical University of South Carolina is included in the residential colleges and universities organization type for this report as its energy consumption levels are most similar to this peer group. Individual reports for each reporting entity are available upon request.

In FY 2021, school districts accounted for the largest share of square footage by type of public entity (64%). The next largest category (19%) was residential colleges and universities. State agencies (12%) and non-residential colleges and universities (5%) accounted for the smallest categories of reporting entities.

Square Footage by Public Entity Type FY 2021



Data submitted for FY 2021 indicates that public entities reduced their energy use intensity by 24% compared to the FY 2000 baseline. School districts – the least energy-intensive category of public entities – reported improvements of 24%. Residential colleges – the most energy-intensive category – reported improvements of 22%.

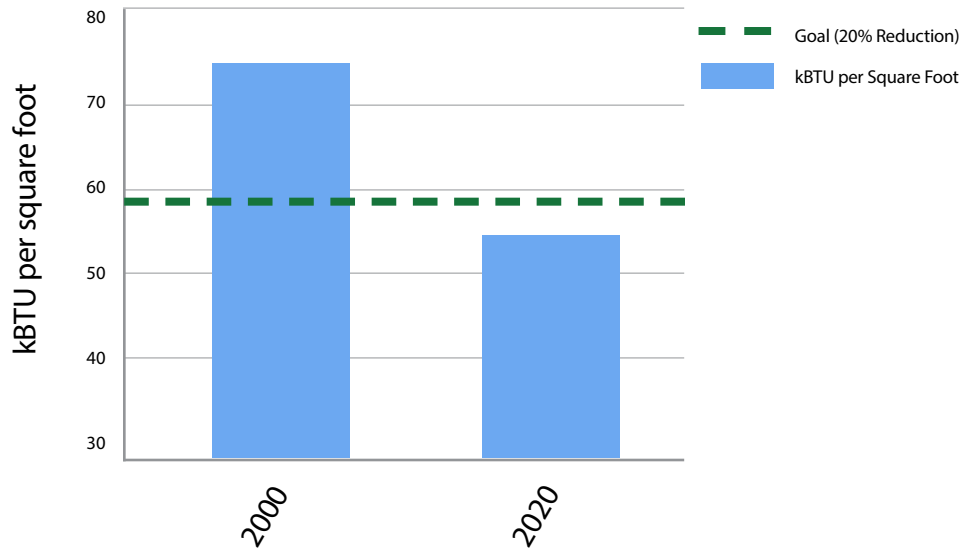
Public entities reduced their energy spending per square foot by 21% from 2000 levels (adjusted for inflation). This differential indicates that the reporting public entities’ efforts to control energy use are paying off. Without those efforts, rising energy costs are likely to have a significant effect on agency budgets.

As the COVID-19 pandemic caused many entities to temporarily close or limit their operating hours, the pandemic likely also contributed to the decreases seen in energy use and energy spending in FY 2021. The data submitted by the public entities demonstrates that the public entities were making a conscious effort to lower their energy consumption.

Public Entities by Type	Average Energy Use per Square Foot (site kBTU)			Average Energy Spending per Square Foot (\$)		
	FY 2000	FY 2021	% change	FY 2000 ³	FY 2021	% change
State Agencies	113	78.93	-30%	\$2.13	\$1.82	-14%
Residential Colleges and Universities	143	110.94	-22%	\$2.07	\$1.69	-18%
Non-Residential Colleges and Universities	80	64.97	-19%	\$1.85	\$1.57	-15%
School Districts	45	34.25	-24%	\$1.34	\$1.04	-23%
Overall	74	55.93	-24%	\$1.63	\$1.28	-21%

Note: These statistics are based on self-reported data submitted by public entities. The Energy Office makes no representation regarding the accuracy of these data.

³ These figures have been adjusted for inflation using the Bureau of Labor Statistics’ CPI Inflation Calculator (available at <https://data.bls.gov/cgi-bin/cpicalc.pl>). Therefore, figures here are presented in 2021 dollars.



In aggregate, public entities have reported significant improvements in energy intensity compared to the FY 2000 baseline. As noted in the table below, overall energy intensity has decreased from 74 kBTU per square foot to 56 kBTU per square foot. The 20% reduction goal of 59 kBTU per square foot has been exceeded.

Public Entities Energy Usage	
Year	kBTU per ft ²
2000	74
2021	56

Note: These statistics are based on data submitted by public entities. The Energy Office makes no representation regarding the accuracy of these data.

Based on information submitted to the Energy Office, public entities have collectively achieved the 20% goal set by the General Assembly. Energy savings are being realized, and Fiscal Year 2022 will provide an opportunity for public entities to continue to reduce their energy consumption. The Energy Office is only able to report on the data submitted by public entities. Partially complete or missing data also affect the savings metrics and can lead to difficulty in year-by-year comparisons of energy use.

Conclusion

The Energy Office continues to provide training, technical assistance, and funding to public entities in support of their efforts to achieve energy-conservation goals. Overall, the state's public entities have done an excellent job of reducing energy use. As a group, they have achieved the mandated goal. The Energy Office continues to work with individual agencies to help them achieve the mandated goal as well. The Energy Office is looking forward to further savings in Fiscal Year 2022 and will continue to provide assistance in support of South Carolina's energy-conservation goals.



APPENDIX A:

Non-Reporting Public Entities

At the time this annual report was written, the following public entities had not submitted a report for FY 2021:

Anderson School District 1

Bamberg School District 1

Clarendon School District 1

Clarendon School District 3

Darlington School District

Denmark Technical College

Denmark-Olar School District

Florence School District 4

Horry-Georgetown Technical College

Lee School District

Newberry School District

Saluda School District

SC Governor's School for Agriculture at John de la Howe

APPENDIX B:

Sample Progress Reports

Disclaimer: The reports in this section are re-printed as submitted to the Energy Office by the reporting entities and are meant to illustrate the programs undertaken in FY 2021. Errors contained in this section are not the responsibility of the Energy Office and the reports have not been altered or corrected.

FY21 Annual Progress Report

To be submitted to the Office of Regulatory Staff, Energy Office
State Government Energy Conservation Act, Code of Laws of South Carolina

Organization Name:

Person(s) Filing Report

Name:

Phone Number:

Email:

Please complete this report and return it to Rick Campana at the Office of Regulatory Staff, Energy Office (rcampana@ors.sc.gov) no later than September 10, 2021. Completion of Section II requires the submission of energy consumption data, as described below. You may use the attached reporting tool or the format you normally use to track your energy use.

This report will allow the Energy Office to continue to measure the state's progress in reducing energy consumption by its public entities. In addition, the energy consumption data you provide will be made available to assist in statewide energy planning efforts. Please ensure that your submission is as complete and accurate as possible. If you need additional space, please attach pages or documents as necessary. If you have questions, please contact Rick Campana at 803-737-5229 or rcampana@ors.sc.gov.

Section I: Energy Conservation Measures

§48-52-820 requires entities to report activities undertaken to implement their Energy Conservation Plan. For this section, please list each energy conservation measure that you implemented in FY21. For each measure, please include the following:

1. A description of the energy conservation measure implemented including an estimate of square footage affected.
2. The estimated and/or observed annual energy savings (if available) and estimation method (if applicable.).

If you implemented no energy conservation measures in FY21, simply write "None."

FY21 Annual Progress Report

To be submitted to the Office of Regulatory Staff, Energy Office
State Government Energy Conservation Act, Code of Laws of South Carolina

Section II: Energy Consumption Data

To verify progress made toward state energy conservation goals and to assist in statewide energy planning efforts, please provide your complete energy consumption data for FY21 (including all sources of energy used in your buildings) in a format described below:

- If you use energy accounting software, please submit a file containing data showing energy consumption, energy cost, and gross square footage in FY21:
 - As totals for your organization
 - If available, for each meter and/or each building in your organization
- If you do not currently use any energy accounting software:
 - **Use Portfolio Manager**: You may want to consider using Portfolio Manager, the free, web-based energy accounting system provided by ENERGY STAR. If you would like more assistance with entering your data into Portfolio Manager, please email rcampana@ors.sc.gov.
 - **Use the SCEO Consumption Reporting Tool**: You may choose to complete and submit the file entitled SCEO Consumption Reporting Tool, which can be downloaded from the Energy Office website.
 - Otherwise please submit data using Excel.

Section III: Purchase of Energy Conservation Products

§48-52-640 mandates that all state agencies “shall submit a disclaimer statement to the State Energy Office with [their] annual report stating that [they] did not purchase an energy conservation product that had not been certified by the State Energy Office.”

The Energy Office has posted a [list of pre-certified and/or approved energy conservation products/measures](#) on the Energy Office website. For any products/measures not listed here, agencies should contact Rick Campana at rcampana@ors.sc.gov or by telephone at 803-737-5229.

Statement

I hereby certify that my organization did not purchase any energy conservation products that have not been certified and/or approved by the Energy Office.

Initials

FY21 Annual Progress Report

To be submitted to the Office of Regulatory Staff, Energy Office
State Government Energy Conservation Act, Code of Laws of South Carolina

Section IV: Additional Questions

Your answers to these questions help the Energy Office tailor outreach and activities to address the needs of your organizations, thank you for your feedback!

- Are you interested in a free walk-through energy assessment performed by a member of the Energy Office's Technical Assistance team?

Y or N

- If you would like to subscribe to the South Carolina Energy Office newsletter The Energy Connection, please write the preferred e-mail:

Email:

- If any of your facilities have solar panels used to generate energy for the facility or to put back on the grid, please provide the name of the facility, kW (AC) capacity, and the interconnected utility.
 - Name of the facility:
 - Capacity (kWAC):
 - Interconnected utility:

Section V: Energy Plan Update & Success Stories

Energy Plan Updates

- A. You submitted an Energy Conservation Plan, required by law, to the Energy Office in 2009; if you have significantly revised your Plan, please send a copy for our files to rcampana@ors.sc.gov.
- B. If you have not made significant revisions to your Plan, but have only refined it, please provide a brief write-up addressing any changes that may have occurred since submission of your Plan in 2009. Please include energy team training and education. In addition, please let us know about any successes deserving mention, or barriers to improvement that you have faced. We want to publicize your successes and assist with obstacles where we can.

FY21 Annual Progress Report

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Person(s) Filing Report

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Statement

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- If any of your facilities have solar panels used to generate energy for the facility or to put back on the grid, please provide the name of the facility, kW (AC) capacity, and the interconnected utility.
 - Name of the facility:
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Section V: Energy Plan Update & Success Stories

Energy Plan Updates

- A. You submitted an Energy Conservation Plan, required by law, to the Energy Office in 2009; if you have significantly revised your Plan, please send a copy for our files to rcampana@ors.sc.gov.
- B. If you have not made significant revisions to your Plan, but have only refined it, please provide a brief write-up addressing any changes that may have occurred since submission of your Plan in 2009. Please include energy team training and education. In addition, please let us know about any successes deserving mention, or barriers to improvement that you have faced. We want to publicize your successes and assist with obstacles where we can.

FY21 Annual Progress Report

To be submitted to the Office of Regulatory Staff, Energy Office
State Government Energy Conservation Act, Code of Laws of South Carolina

Organization Name:

Person(s) Filing Report

Name:

Phone Number:

Email:

Please complete this report and return it to Rick Campana at the Office of Regulatory Staff, Energy Office (rcampana@ors.sc.gov) no later than September 10, 2021. Completion of Section II requires the submission of energy consumption data, as described below. You may use the attached reporting tool or the format you normally use to track your energy use.

This report will allow the Energy Office to continue to measure the state's progress in reducing energy consumption by its public entities. In addition, the energy consumption data you provide will be made available to assist in statewide energy planning efforts. Please ensure that your submission is as complete and accurate as possible. If you need additional space, please attach pages or documents as necessary. If you have questions, please contact Rick Campana at 803-737-5229 or rcampana@ors.sc.gov.

Section I: Energy Conservation Measures

§48-52-820 requires entities to report activities undertaken to implement their Energy Conservation Plan. For this section, please list each energy conservation measure that you implemented in FY21. For each measure, please include the following:

1. A description of the energy conservation measure implemented including an estimate of square footage affected.
2. The estimated and/or observed annual energy savings (if available) and estimation method (if applicable.).

If you implemented no energy conservation measures in FY21, simply write "None."

FY21 Annual Progress Report

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Section II: Energy Consumption Data

To verify progress made toward state energy conservation goals and to assist in statewide energy planning efforts, please provide your complete energy consumption data for FY21 (including all sources of energy used in your buildings) in a format described below:

- If you use energy accounting software, please submit a file containing data showing energy consumption, energy cost, and gross square footage in FY21:
 - As totals for your organization
 - If available, for each meter and/or each building in your organization
- If you do not currently use any energy accounting software:
 - **Use Portfolio Manager**: You may want to consider using Portfolio Manager, the free, web-based energy accounting system provided by ENERGY STAR. If you would like more assistance with entering your data into Portfolio Manager, please email rcampana@ors.sc.gov.
 - **Use the SCEO Consumption Reporting Tool**: You may choose to complete and submit the file entitled SCEO Consumption Reporting Tool, which can be downloaded from the Energy Office website.
 - Otherwise please submit data using Excel.

Section III: Purchase of Energy Conservation Products

§48-52-640 mandates that all state agencies “shall submit a disclaimer statement to the State Energy Office with [their] annual report stating that [they] did not purchase an energy conservation product that had not been certified by the State Energy Office.”

The Energy Office has posted a [list of pre-certified and/or approved energy conservation products/measures](#) on the Energy Office website. For any products/measures not listed here, agencies should contact Rick Campana at rcampana@ors.sc.gov or by telephone at 803-737-5229.

Statement

I hereby certify that my organization did not purchase any energy conservation products that have not been certified and/or approved by the Energy Office.

Initials

FY21 Annual Progress Report

To be submitted to the Office of Regulatory Staff, Energy Office
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Section IV: Additional Questions

Your answers to these questions help the Energy Office tailor outreach and activities to address the needs of your organizations, thank you for your feedback!

- Are you interested in a free walk-through energy assessment performed by a member of the Energy Office's Technical Assistance team?

Y or N

- If you would like to subscribe to the South Carolina Energy Office newsletter The Energy Connection, please write the preferred e-mail:

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ENERGY  **OFFICE**