



Palmetto Air Quality Collaborative (PAQC)

Additional Information and Resources



Updated May 16, 2025

Climate Pollution Reduction Grant (CPRG) Program

Source	Title	Link
SC Office of Resilience	Palmetto Air Quality Collaborative (PAQC)	https://scor.sc.gov/paqc
U.S. Environmental Protection Agency (EPA)	The Inflation Reduction Act (IRA)	https://www.epa.gov/inflation-reduction-act
	CPRG Program	https://www.epa.gov/inflation-reduction-act/climate-pollution-reduction-grants
	CPRG Implementation Grants	https://www.epa.gov/inflation-reduction-act/about-cprg-implementation-grants
	Implementation Grants: General Competition Selections	https://www.epa.gov/inflation-reduction-act/cprg-implementation-grants-general-competition-selections#map
	State Inventory and Projection Tool <i>Used to develop the SC greenhouse gas (GHG) emissions inventory</i>	https://www.epa.gov/statelocalenergy/state-inventory-and-projection-tool



Climate-Related Information

Source	Title	Link
SC Office of Resilience	Strategic Statewide Resilience and Risk Reduction Plan , Chapter 4. <i>“Climate Trends.”</i>	https://scor.sc.gov/sites/scor/files/Documents/Chapter%204%20Climate%20Trends.pdf
U.S. Environmental Protection Agency (EPA)	Overview of Greenhouse Gases (GHG)	https://www.epa.gov/ghgemissions/overview-greenhouse-gases
	Inventory of U.S. GHG Emissions and Sinks	https://www.epa.gov/ghgemissions/inventory-us-greenhouse-gas-emissions-and-sinks
	Understanding Global Warming Potential	https://www.epa.gov/ghgemissions/understanding-global-warming-potentials
	The Basics of Climate Change	https://www.epa.gov/climatechange-science/basics-climate-change
NASA	What is the Greenhouse Effect?	https://science.nasa.gov/climate-change/faq/what-is-the-greenhouse-effect/
	Global Climate Change Evidence	https://science.nasa.gov/climate-change/evidence/
U.S. Energy Information Administration (EIA)	Energy and the Environment Explained	https://www.eia.gov/energyexplained/energy-and-the-environment/where-greenhouse-gases-come-from.php
U.S. Global Change Research Program	Fifth National Climate Assessment	https://nca2023.globalchange.gov/



Sector-Specific Information and Tools

Sector	Source	Title	Link
All	U.S. EPA	Household Carbon Footprint Calculator	https://www.epa.gov/ghgemissions/household-carbon-footprint-calculator
		Sources of Greenhouse Gas Emissions [and Sinks]	https://www.epa.gov/ghgemissions/sources-greenhouse-gas-emissions
	SC Office of Resilience	SC Strategic Statewide Resilience and Risk Reduction Plan; 2024 Annual Update; and Resilience Atlas	https://scor.sc.gov/resilience
Industry	National Renewable Energy Lab (NREL)	Advanced Manufacturing Energy Basics	https://www.nrel.gov/research/advanced-manufacturing-energy-basics
	Sustain SC	Circular Economy	https://www.sustainsouthcarolina.org/circularity
		Innovation and the Sustainable Revolution	https://www.sustainsouthcarolina.org/sustainable-revolution
		The Economic Impact of Sustainability Report for South Carolina	https://www.sustainsouthcarolina.org/economic-impact-of-sustainability
		SCMEP Sustainability Resource Guide: A Practical Guide to Sustainable Manufacturing	https://www.sustainsouthcarolina.org/scmep-sustainable-resource-guide
Natural & Working Lands	U.S. EPA	Land Revitalization	https://www.epa.gov/land-revitalization
		Land Use, Land-Use Change, and Forestry: A Carbon “Sink”	https://www.epa.gov/ghgemissions/land-use-land-use-change-and-forestry-sector-emissions-and-sequestration
	SC.gov	Conservation: Information about natural resource conservation efforts in South Carolina	https://sc.gov/residents/maintaining-our-environment/conservation
	Sustain SC	Land and Water Action Platform	https://www.sustainsouthcarolina.org/land-water-action-platform



Transportation Information

Source	Title	Link
National Renewable Energy Lab (NREL)	Transportation	https://www.nrel.gov/research/transportation
	Commercial Vehicle Technologies <i>Includes links to advanced vehicles & powertrains; advanced trucks; advanced buses; airports, seaports, & inland ports; connected & automated trucks; and freight transport</i>	https://www.nrel.gov/transportation/commercial-vehicle-technologies
	All-Electric Vehicle Basics	https://www.nrel.gov/research/transportation-all-electric
U.S. EPA	Green Vehicle Guide	https://www.epa.gov/greenvehicles
	Electric Vehicle Myths	https://www.epa.gov/greenvehicles/electric-vehicle-myths
	Help Make Transportation Greener	https://www.epa.gov/greenvehicles/help-make-transportation-greener
	Your Car vs. an Electric Vehicle calculator	https://www.epa.gov/greenvehicles/comparison-your-car-vs-electric-vehicle
SC Energy Office	Palmetto Clean Fuels Coalition	https://energy.sc.gov/focus-area/clean-transportation/pcfcl
	Electric Vehicle Stakeholder Initiative (EVS)	https://energy.sc.gov/focus-area/clean-transportation/electric-vehicles/electric-vehicle-stakeholder-initiative
	SC Electric Transportation Network	https://www.scetnetwork.org/
SC DOT	Bicycle & Pedestrian Program	https://www.scdot.org/projects/bikeped.html
	Transportation Alternatives Set-Aside Program (TAP)	https://www.scdot.org/projects/community-transportation-alternatives.html
	SC Statewide Rail Plan	https://www.scdot.org/travel/freight-rail.html
	Public Transit	https://www.scdot.org/inside/inside-PublicTransit.html



Electric Power Generation Information

Source	Title	Link
National Renewable Energy Lab (NREL)	Solar Energy Basics	https://www.nrel.gov/research/re-solar
	Grid Modernization: Microgrids	https://www2.nrel.gov/grid/microgrids
	Community Solar	https://www.nrel.gov/state-local-tribal/community-solar
	Agrivoltaics	https://www.nrel.gov/solar/market-research-analysis/agrivoltaics
	Solar-Plus-Storage	https://www.nrel.gov/solar/market-research-analysis/solar-plus-storage-analysis
SC Office of Resilience	SC Solar for All	https://scor.sc.gov/solarforall
The Ray	Non-Profit in GA that is lining highways with solar	https://theray.org/
U.S. Energy Information Administration (EIA)	Energy Kids: Renewable Solar	https://www.eia.gov/kids/energy-sources/solar/
SC Energy Office	Solar SC	https://solar.sc.gov/
	State Energy Plan <i>Plan includes information related to electric power generation, buildings, and transportation.</i>	https://energy.sc.gov/focus-area/state-energy-plan
	Energy Efficiency Roadmap	https://energy.sc.gov/focus-area/energy-efficiency/energy-efficiency-roadmap



Buildings Information

Source	Title	Link
National Renewable Energy Lab (NREL)	Zero Energy Buildings	https://www.nrel.gov/research/re-net-zero-buildings
	Home Energy Management System – foresee	https://www.nrel.gov/buildings/foresee
	ResStock Analysis Tool <i>Residential Buildings</i>	https://www.nrel.gov/buildings/resstock
	ComStock Analysis Tool <i>Commercial Buildings</i>	https://www.nrel.gov/buildings/comstock
	URBANopt Advanced Analytics Platform <i>Different building types; districts, neighborhoods, campuses</i>	https://www.nrel.gov/buildings/urbanopt
U.S. Department of Energy	Energy Saver	https://www.energy.gov/energysaver/energy-saver
	Home Energy Score	https://www.energy.gov/eere/buildings/articles/home-energy-score
Green Built Alliance	Advancing Sustainable Living, Green Building, and Climate Resiliency.	https://www.greenbuilt.org/
SC Energy Office	Energy Saver <i>For homes and businesses</i>	https://energysaver.sc.gov/
	Weatherization	https://energysaver.sc.gov/your-home/weatherization
	Energy Efficiency Roadmap	https://energy.sc.gov/focus-area/energy-efficiency/energy-efficiency-roadmap



Waste Information

Source	Title	Link
U.S. EPA	Reducing and Reusing Basics	https://www.epa.gov/recycle/reducing-and-reusing-basics
	Recycling Basics and Benefits	https://www.epa.gov/recycle/recycling-basics-and-benefits
	Composting	https://www.epa.gov/sustainable-management-food/composting
	Approaches to Composting	https://www.epa.gov/sustainable-management-food/approaches-composting
	Community Composting	https://www.epa.gov/sustainable-management-food/community-composting
	Composting at Home	https://www.epa.gov/recycle/composting-home
	Preventing Wasted Food at Home	https://www.epa.gov/recycle/preventing-wasted-food-home
NREL	Biomass Energy Basics	https://www.nrel.gov/research/re-biomass
SC DES	Recycling and Waste Reduction <i>Collection of links for homes, schools, businesses/government about recycling, food waste, composting, and solid waste</i>	https://www.des.sc.gov/community/recycling-waste-reduction

