

STATE OF FLORIDA

OFFICE OF THE GOVERNOR

EXECUTIVE ORDER NUMBER 07-126

Leadership by Example: Immediate Actions to Reduce Greenhouse Gas Emissions from Florida State Government

WHEREAS, with nearly 1,350 miles of coastline and a majority of citizens living near that coastline, Florida is more vulnerable to rising ocean levels and violent weather than any other state; and

WHEREAS, global climate change is one of the most important issues facing the State of Florida this century; and

WHEREAS, Florida has committed to becoming a leader in reducing emissions of greenhouse gases which are changing Earth's climate; and

WHEREAS, immediate actions are available and required to reduce emissions of greenhouse gases within Florida; and

WHEREAS, Florida's state government is the largest employer within the State of Florida with 114,756 authorized employees, more than \$1 billion in annual commodity purchases, and 16.8 million square feet of office space statewide; and

WHEREAS, Florida's state government must lead by example in the fight against global climate change by reducing emissions of greenhouse gases and demonstrating the economic value of such reductions; and

WHEREAS, reductions in carbon emissions associated with state government operations will result in returns to the taxpayers of Florida through reduced energy costs; and

WHEREAS, such savings can fund strategic investments elsewhere in Florida's economy that further reduce emissions of greenhouse gases while boosting green industries in Florida.

NOW, THEREFORE, I, CHARLIE CRIST, as Governor of Florida, by virtue of the authority vested in me by Article IV, Section (1)(a) of the Florida Constitution, and

all other applicable laws, do hereby issue the following Executive Order, to take immediate effect:

Section 1. I hereby establish greenhouse gas emission reduction targets for state agencies and departments under the direction of the Governor as follows: a 10 percent reduction from current emission levels by 2012, a 25 percent reduction from current emission levels by 2017, and a 40 percent reduction from current emission levels by 2025.

Section 2. The Executive Office of the Governor shall track and report the resulting financial savings and emission reductions associated with this Executive Order with a Florida Governmental Carbon Scorecard. All state agencies and departments under the direction of the Governor are hereby directed to designate an individual responsible for coordinating implementation.

Section 3. I hereby direct the following actions to improve the climate performance of state government facilities:

1. Each state agency and department under the direction of the Governor is hereby directed to conduct an immediate assessment of energy used by agency facilities during FY 2006-2007 and to quantify the associated greenhouse gas emissions using the GHG Protocol Corporate Standard templates as developed by the World Business Council for Sustainable Development. The baseline assessment will be posted on Florida's Governmental Carbon Scorecard no later than October 1, 2007 and updated quarterly;
2. The Department of Management Services shall adopt the United States Green Building Council's Leadership in Energy and Environmental Design for New Construction (LEED-NC) standards for all new buildings. The Department is directed to strive for Platinum Level certification, the highest possible certification, for any new building constructed for or by the State of Florida;
3. The Department of Management Services shall immediately implement the United States Green Building Council's Leadership in Energy and Environmental Design for Existing Buildings (LEED-EB) for all buildings currently owned and operated by the Department on behalf of client agencies. The Department may prioritize implementation of LEED-EB standards in order to gain the greatest environmental benefit within the Department's existing budget for property management;
4. All state agencies and departments under the direction of the Governor are hereby precluded from entering into new leasing agreements for office space that does not meet Energy Star building standards, except when certified by the responsible agency head that no other viable alternative exists.
5. The Department of Management Services is hereby directed to develop energy conservation measures and guidelines for new and existing office space where state agencies occupy more than 20,000 square feet. These

conservation measures shall focus on programs that may reduce energy consumption and when established, provide a net reduction in occupancy costs. The Department shall develop and implement a model solar project for state-owned office buildings for future expansion.

Section 4. I hereby direct the following actions to improve the climate performance of state government procurement practices:

1. The Council for Efficient Government shall incorporate energy consumption and greenhouse gas emissions as performance criteria for all business cases evaluated by the Council in determining whether outsourcing projects are fiscally prudent for the State of Florida;
2. The Department of Management Services shall develop the "Florida Climate Friendly Preferred Products List." In developing the recommended list, the Department shall assess products currently available for purchase under State Term Contracts to identify specific products and vendors that have clear energy efficiency or other environmental benefit over competing products. The proposed list shall be provided to the Governor's Office no later than October 1, 2007;
3. Effective January 1, 2008 state agencies and departments under the direction of the Governor may not contract for meeting and conference space with hotels or conference facilities that have not received the DEP "Green Lodging" certification for best practices in water, energy, and waste efficiency standards, except when certified to the Governor by the responsible agency head that no other viable alternative exists..
4. The Department of Management Services, with assistance from the Department of Environmental Protection, shall develop bid criteria for the 2009 State Term Contract for Rental Vehicles that incorporate best possible energy efficiency and environmental performance. The Department shall seek to negotiate with the current vendor(s) to amend the contract(s) to incorporate these efficiencies.

Section 5. I hereby direct the following actions to improve the climate performance of state government fleets:

1. Each state agency and department under the direction of the Governor shall conduct an immediate assessment of transportation-related energy use and greenhouse gas emissions associated with agency operations. The assessment must include an analysis of the average fuel economy of each agency's automobiles and light trucks, by vehicle class. The results of this baseline assessment shall be posted on Florida's Governmental Carbon Scorecard, by agency, no later than October 1, 2007 and updated quarterly.
2. Each state agency and department under the direction of the Governor shall assure that within 30 days from the date of this order, all vehicles are meeting minimum maintenance schedules shown to reduce fuel consumption which includes assuring appropriate tire pressures and tread; fuel filters and emission filters replaced at recommended intervals; proper

motor oil; and timely motor tune-ups. The Department of Management Services shall measure and report compliance with this directive through the Equipment Management Information System database and reported to the Executive Office of the Governor on a semi-annual basis thereafter.

3. When procuring new vehicles, the Department of Management Services, through all state agencies and departments under the direction of the Governor, is directed to approve only those vehicles with the greatest fuel efficiency in a given class as required for that vehicle to minimize emissions of greenhouse gases. The Department shall consider any specific circumstances of law enforcement agencies in processing vehicle purchases and leasing agreements.
4. All state agencies and departments under the direction of the Governor shall use ethanol and biodiesel fuels when locally available. The Department of Management Services shall assess biofuel fueling potential by state government vehicles within each metropolitan statistical area to demonstrate demand for biofuels to industry. Agencies administering central fueling operations for state-owned vehicles are directed to procure biofuels for fleet needs to the greatest extent practicable.
5. The Department of Management Services, with assistance from the Department of Environmental Protection, shall document the extent of all alternative motor vehicle fueling facilities used by state government vehicles, including but not limited to hydrogen, compressed natural gas, biofuels, and electrically-charged batteries to determine the feasibility of opening current alternative fueling facilities to private sector fleets and the general public or developing such facilities in the future to increase public access to alternative vehicle fuels. The alternative motor vehicle fueling facility inventory shall be transmitted to the Governor's Office no later than October 1, 2007;

Section 6. The Department of Agriculture and Consumer Services, the Department of Financial Services, the Office of the Attorney General, all Governor and Cabinet agencies, the Florida Senate, the Florida House of Representatives, the Florida State Court System, the State University System, the Community College System, and other agencies of the state and commissions not under the jurisdiction of the Governor are encouraged to implement these and other actions to reduce State Government's overall emissions of greenhouse gases.

Section 7. All state agencies and departments under the direction of the Governor are hereby directed, and all other state agencies are hereby requested, to assist those carrying out the directions in this Executive Order.

IN TESTIMONY WHEREOF, I have hereunto set my hand and have caused the Great Seal of the State of Florida to be affixed at Tallahassee, The Capitol, this 13 day of July, 2007.

STATE OF FLORIDA

OFFICE OF THE GOVERNOR

EXECUTIVE ORDER NUMBER 07-127

Immediate Actions to Reduce Greenhouse Gas Emissions within Florida

WHEREAS, with nearly 1,350 miles of coastline and a majority of citizens living near that coastline, Florida is more vulnerable to rising ocean levels and violent weather than any other state; and

WHEREAS, global climate change is one of the most important issues facing the State of Florida this century; and

WHEREAS, Florida is the second fastest growing state in the union with respect to the annual increase of new greenhouse gas emissions; and

WHEREAS, immediate actions are available and required to reduce emissions of greenhouse gases within Florida; and

WHEREAS, efforts are underway at the national level to begin addressing greenhouse gas emissions; and

WHEREAS, Florida has committed to becoming a leader in reducing emissions of greenhouse gases which are causing changing Earth's climate; and

WHEREAS, Florida, together with international leaders and experts, is hosting the Serve to Conserve Climate Change Summit on July 12 and 13, 2007 in Miami, Florida;

NOW, THEREFORE, I, CHARLIE CRIST, as Governor of Florida, by virtue of the authority vested in me by Article IV, Section (1)(a) of the Florida Constitution, and all other applicable laws, do hereby promulgate the following Executive Order, to take immediate effect:

Section 1. I hereby establish greenhouse gas emission reduction targets for the State of Florida as follows: by 2017, reduce greenhouse gas emissions to 2000 levels; by 2025, reduce greenhouse gas emissions to 1990 levels; by 2050, reduce greenhouse gas emissions by 80% of 1990 levels.

Section 2. I hereby direct the following actions by members of my Administration in order to produce immediate reductions in greenhouse gas emissions within Florida;

1. The Secretary of Environmental Protection shall immediately develop rules as authorized under Chapter 403, Florida Statutes, to achieve the following:
 - Adoption of a maximum allowable emissions level of greenhouse gases for electric utilities in the State of Florida. The standard will require at minimum, three reduction milestones as follows: by 2017, emissions not greater than Year 2000 utility sector emissions; by 2025, emissions not greater than Year 1990 utility sector emissions; by 2050, emissions not greater than 20% of Year 1990 utility sector emissions (i.e., 80% reduction of 1990 emissions by 2050);
 - Adoption of the California motor vehicle emission standards in Title 13 of the California Code of Regulations, effective January 1, 2005, upon approval by the U.S. Environmental Protection Agency of the pending waiver, which includes emission standards for greenhouse gases, submitted by the California Air Resources Board; and
 - Adoption of a statewide diesel engine idle reduction standard.
2. The Secretary of Community Affairs shall immediately:
 - Convene the Florida Building Commission for the purpose of revising the Florida Energy Code for Building Construction to increase the energy performance of new construction in Florida by at least 15% from the 2007 Energy Code. The Commission should consider incorporating standards for appliances and standard lighting in the Florida Energy Code. Target implementation date for the revised Florida Energy Code for Building Construction is January 1, 2009;
 - Initiate rulemaking of the Florida Energy Conservation Standards, Chapter 9B-44, Florida Administrative Code, with an objective to increase the efficiency of applicable consumer products authorized under s. 553.957, Florida Statutes, by 15% from current standards for implementation by July 1, 2009.

Section 3. I hereby request the Florida Public Service Commission to take the following actions for the electric utility sector in order to open the market to clean, renewable energy technologies, thus avoiding future greenhouse gas emissions:

- Not later than September 1, 2007, initiate rulemaking to require that utilities produce at least 20% of their electricity from renewable sources (Renewable Portfolio Standard) with a strong focus on solar and wind energy;
- Not later than September 1, 2007, initiate rulemaking to reduce the cost of connecting solar and other renewable energy technologies to Florida's power grid by adopting the Institute of Electrical and Electronics Engineers (IEEE) Standard 1547 for Interconnecting Distributed Resources with Electric Power Systems as the uniform statewide interconnection standard for all utilities; and

- Not later than September 1, 2007, initiate rulemaking to authorize a uniform, statewide method to enable residential and commercial customers who generate electricity from on-site renewable technologies of up to 1 megawatt in capacity to offset their consumption over a billing period by allowing their electric meters to turn backwards when they generate electricity (net metering).

Section 4. All state agencies departments under the direction of the Governor are hereby directed, and all other state agencies are hereby requested, to assist those carrying out the directions in this Executive Order.

IN TESTIMONY WHEREOF, I have hereunto set my hand and have caused the Great Seal of the State of Florida to be affixed at Tallahassee, The Capitol, this 13th day of July, 2007.

DRAFT

STATE OF FLORIDA

OFFICE OF THE GOVERNOR

EXECUTIVE ORDER NUMBER 07-128

Florida Governor's Action Team on Energy and Climate Change

WHEREAS, Florida has one of the nation's fastest growing populations with an average of 980 new residents arriving per day and approximately 84.6 million visitors per year; and

WHEREAS, as the fourth most populous state, Florida ranks third nationally in total energy consumption; and

WHEREAS, more than 70 percent of Florida's electricity is generated by fossil fuels which contribute to the state's carbon emissions; and

WHEREAS, Florida is encouraging alternative energy generation to promote energy diversity and reduce pollution; and

WHEREAS, with nearly 1,350 miles of coastline and a majority of citizens living near that coastline, Florida is more vulnerable to rising ocean levels and violent weather than any other state; and

WHEREAS, the potential impacts of climate change could significantly impact Florida's businesses, public infrastructure and disturb the way of life enjoyed by millions of Floridians; and

WHEREAS, global climate change is one of the most important issues facing Florida this century; and

WHEREAS, the actions Florida takes to reduce greenhouse gas emissions, in concert with actions taken elsewhere in the United States and the world, could significantly reduce the potential for adverse impacts in Florida; and

WHEREAS, Florida, together with international leaders and experts, is hosting the Serve to Conserve Climate Change Summit on July 12 and 13, 2007 in Miami, Florida;

NOW, THEREFORE, I, CHARLIE CRIST, as Governor of Florida, by virtue of the authority vested in me by Article IV, Section (1)(a) of the Florida Constitution, and all other applicable laws, do hereby promulgate the following Executive Order, to take immediate effect:

Section 1. I hereby create the Florida Governor's Action Team on Energy and Climate Change to develop a comprehensive Energy and Climate Change Action Plan that will fully achieve or surpass Executive Order targets for statewide greenhouse gas reductions specified in Executive Order 07-127. Action Team members shall be gubernatorial appointees representing diverse expertise and stakeholder interests including, but not limited to, consumers, environment, business, industry, energy, state and local government, and academia. The Action Team shall hold its first meeting within 30 days of appointment.

Section 2. I hereby order the preparation of the Florida Energy and Climate Change Action Plan be guided by an evaluation of the possible consequences to Florida's environment, economy, and society from global climate change. The Florida Energy and Climate Change Action Plan shall include policy recommendations and necessary changes to existing law. The Florida Energy and Climate Change Action Plan shall be completed in two phases.

Phase I: By November 1, 2007, the Action Team shall issue recommendations including any necessary legislative initiatives to address the following:

1. Strategies and mechanisms for the consolidation and coordination of energy policy in Florida;
2. Additional greenhouse gas emission reduction strategies beyond those directed in Executive Order 07-127, as well as an overall blueprint for development of actions;
3. Policies to enhance energy efficiency and conservation, including statewide targets;
4. Market-based regulatory mechanisms, such as cap and trade programs, for use in efficiently reducing greenhouse gas emissions;
5. Strategies to diversify Florida's electric generation fuels to reduce greenhouse gas emissions and protect Florida's consumers from fuel price volatility;
6. Policies for emission reporting and registry that measure and document emission reductions;
7. Strategies for reducing the greenhouse gas emissions from motor vehicles;
8. Strategies for increasing the amount of renewable transportation fuels and for reducing the carbon content of fuels;
9. Policies to reduce greenhouse gas emissions from state and local governments not addressed in Executive Order 07-126;
10. Policies to reward early emission reductions in advance of statewide or national greenhouse gas regulatory programs; and
11. Other policies for efficiently reducing emissions in Florida in conjunction with, or independent of regional, national, or international agreements.

Phase II: By October 1, 2008, the Action Team shall issue recommendations including any necessary legislative initiatives to address the following:

1. Adaptation strategies to combat adverse impacts to society, public health, the economy, and natural communities in Florida;
2. Policies to reduce the increases in greenhouse gas emissions from new growth;
3. Carbon capture and storage technologies;
4. Land use and management policies that improve the long-term storage of carbon in Florida's biomass;
5. Strategic investments and public-private partnerships in Florida to spur economic development around climate-friendly industries and economic activity that reduces emissions in Florida; and
6. Strategies and mechanisms for the long-term coordination of Florida's public policy in the areas of economic development, university-based research and technology development, energy, environmental protection, natural resource management, growth management, transportation, and other areas as needed to assure a future of prosperity for Floridians in reducing greenhouse gas emissions.

Section 3. The Secretary of the Department of Environmental Protection shall direct the professional staffing and assistance required by the Action Team in completing the Florida Energy and Climate Action Plan. The Department of Environmental Protection, the Department of Community Affairs, and the Department of Transportation shall provide staff and consultants, as required by the Secretary of the Department of Environmental Protection. The Public Service Commission and the Fish and Wildlife Conservation Commission are requested to provide assistance as required by the Secretary of the Department of Environmental Protection.

Section 4. Action Team members shall not be compensated for their services or reimbursed for travel or per diem expenses. Public officers and employees shall be reimbursed by their respective agencies in accordance with chapter 112, Florida Statutes.

Section 5. Public access to records generated by the Action Team and any technical advisory committees deemed necessary in furtherance of this order shall be governed by the Public Records Laws of Chapter 119, Florida Statutes. All meetings of the Action Team shall be governed by the Open Meetings Laws of Chapter 286, Florida Statutes.

Section 6. The Department of Environmental Protection shall provide administrative support necessary to implement the provisions of this Executive Order. All state agencies under the direction of the Governor are hereby directed, and all other state agencies are hereby requested to assist those carrying out the directions in this Executive Order.

IN TESTIMONY WHEREOF, I have hereunto set my hand and have caused the Great Seal of the State of Florida to be affixed at Tallahassee, The Capitol, this 13th day of July, 2007.