

“CONSENSUS CONCEPTS”

The purpose of this document is to provide a set of draft findings and recommendations for consideration, alteration as needed, and ratification by the Governor’s Action Team on Energy and Climate Change at the October 29 and 30, 2007, meeting in for inclusion of the 2007 Action Team Report due to Governor Crist on November 1, 2007.

This document contains options for final report findings and recommendations as prepared by the staff of the Action Team. The findings and recommendations for items #2, #3 and #4 approved by the Action Team on October 5, 2007 have been incorporated by staff into the draft Phase 1 Report of the Action Team.

Power Generation Sector

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;**
[APPROVED BY ACTION TEAM ON 10.05.2007]
3. **Policies to enhance energy efficiency and conservation, including statewide targets;**
[APPROVED BY ACTION TEAM ON 10.05.2007]
4. **Market-based regulatory mechanisms, such as cap and trade programs, for use in efficiently reducing greenhouse gas emissions;**
[APPROVED BY ACTION TEAM ON 10.05.2007]
5. **Strategies to diversify Florida’s electric generation fuels to reduce greenhouse gas emissions and protect Florida’s consumers from fuel price volatility;**
 - a. **Finding:** The Action Team finds that fuel diversity within Florida’s portfolio of electric generation fuels must be maintained and further enhanced.
 - b. **Finding:** The Action Team finds that in evaluating the alternative fuels and technologies that should be included in Florida’s future portfolio of generation facilities, a life cycle assessment should be considered as one of the tools used in making that determination.
 - c. **Finding:** The Action Team finds that renewable energy is beneficial for energy security objectives as well as greenhouse gas emission reduction objectives.
 - d. **Finding:** The Action Team finds that nuclear power is beneficial for Florida’s energy security objectives as well as greenhouse gas emission reduction objectives.

- e. **Finding:** The Action Team recognizes the experimental nature of carbon capture and storage (CCS) but believes there is value in continuing to explore this possible solution to reducing or eliminating the carbon released from fossil fuel facilities in the event of a technological breakthrough.
- f. **Recommendation:** The Action Team recommends further examination of the role of nuclear energy in addressing the state's goals of reducing greenhouse gases and pursuing energy security to include public outreach and engagement.
- g. **Recommendation:** The Action Team recommends the creation of a consortium effort among electric utilities, state government, and state universities to investigate the feasibility of carbon capture and storage within Florida.

6. Policies for emission reporting and registry that measure and document emission reductions;

- a. **Finding:** The Action Team finds that quality emissions data from across Florida's economy is critical for the effective design and implementation of any future market-based mechanism.
- b. **Finding:** The Action Team finds that Florida's participation in The Climate Registry – which now numbers 39 of the nation's 50 states, 1 Mexican state, and 2 Canadian provinces with the balance of provinces having committed to joining – efficiently incorporates common reporting protocols for companies doing business in multiple states, including Florida, and establishes an equivalent reporting environment for Florida-based businesses that wish to participate.
- c. **Finding:** The Action Team finds that in advance of a federal greenhouse gas program, it is in Florida's best interest to document emissions of greenhouse gases from as many sources within the state as possible using nationally recognized reporting protocols.
- d. **Recommendation:** The Action Team recommends mandatory greenhouse gas emission reporting by all electric utilities to The Climate Registry using The Climate Registry's reporting protocols.
- e. **Recommendation:** The Action Team recommends that the Department of Environmental Protection consider and propose additional industry sectors as appropriate for inclusion in mandatory registry reporting.

10. Policies to reward early emission reductions in advance of statewide or national greenhouse gas regulatory programs;

- a. **Finding:** The Action Team finds that verified emission reductions by sources in Florida in advance of any state, national, or international program are in the State of Florida's best interest.

- b. Finding: Further, the Action Team finds that verified emissions baselines are in the best interest of those companies with a reasonable expectation of future greenhouse gas regulation.
- c. Recommendation: The Action Team recommends that an early reductions incentive policy be incorporated in the market design process recommended under 4(e) above.

11. Other policies for efficiently reducing emissions in Florida in conjunction with, or independent of, regional, national or international agreements.

- a. Finding: The Action Team finds that the emerging global carbon market may present Florida with cost effective opportunities to reduce emissions of greenhouse gases.
- b. Finding: Further, the Action Team finds that linkages with other markets creates economic development opportunities and external sources of capital to fund greenhouse gas offset projects located in Florida.
- c. Recommendation: The Action Team recommends that Florida pursue a Memorandum of Understanding with the Regional Greenhouse Gas Initiative (RGGI) compact states enabling the sales of credits into the compact from emission offset projects developed in Florida.
- d. Recommendation: The Action Team recommends a formal exploration of linkages to other emerging markets domestically and abroad as a feature of the market design process recommended under 4(e) above.

Transportation Sector

7. Strategies for reducing greenhouse gas emissions from motor vehicles.

- a. Finding: The Action Team finds that the transportation sector accounts for 46% of the carbon dioxide greenhouse gas emissions in Florida and that between 2006 and 2050 the daily vehicle miles traveled is forecast to increase by 240% based on current trends.
- b. Finding: The Action Team finds that strategies for relieving congestion, providing travel alternatives to automobiles, and integrating transportation and land use planning to produce compact and transit-oriented development can reduce the growth rate of vehicle miles traveled.
- c. Finding: The Action Team finds that transportation revenues are largely dependent on motor fuel consumption; increases in vehicle fuel efficiency and alternative fuels may reduce transportation revenue and may increase vehicle miles traveled.
- d. Recommendation: The Action Team recommends that greenhouse gas emission reduction strategies be incorporated into state, regional, and local planning processes.
- e. Recommendation: The Action Team recommends that Florida establish growth policies that require or provide incentives for developing regional

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- visions that integrate transportation and land use planning to provide for sustainable growth and reduce greenhouse gas emissions.
- f. **Recommendation:** The Action Team recommends research on the impact of greenhouse emission reduction strategies on transportation revenue sources and alternative ways to fund transportation that create incentives to drive less.
- g. **Recommendation:** The Action Team recommends that Florida establish growth policies that:
- In urban areas promote compact, transit-oriented development
 - In rural areas balances the needs for economic development; promotion of agriculture, protection of natural resources; and preservation of rural character while avoiding urban sprawl.
8. **Strategies for increasing the amount of renewable transportation fuels and for reducing the carbon content of fuels, such as a low carbon fuel standard;**
- a. **Finding:** The Action Team finds that the market for renewable biofuels in Florida is not mature and that early leaders such as biodiesel and ethanol require incentives to accelerate production and distribution in Florida.
- b. **Finding:** The Action Team finds that other potential renewable transportation fuels such as biobutanol require continued research and development prior to commercialization.
- c. **Finding:** The Action Team finds that the use of renewable biofuels derived from Florida biomass can improve energy diversity and security, increase farm income, and create new jobs in Florida.
- d. **Recommendation:** The Action Team recommends continued funding for research, development and technology demonstration for a full range of renewable transportation fuels.
- e. **Recommendation:** The Action Team recommends continued support for existing tax incentives in Florida Statute for alternative transportation fueling infrastructure development in Florida.

Government Sector

9. **Policies to reduce greenhouse gas emissions from state and local governments not addressed in Executive Order 07-126;**
- a. **Finding:** The Action Team finds that an integrated approach to energy and environmental solutions is appropriate at all levels of government.
- b. **Finding:** The Action Team finds that operating and maintenance expenditures associated with energy equipment and with energy consumed in buildings represent a significant cost over the life of a building.

- c. Finding: The Action Team finds that investment in energy conservation measures in facilities can reduce the amount of energy consumed and produce immediate and long term savings.
- d. Finding: The Action Team finds that energy conserved by appropriate building design not only reduces the demand for energy but also reduces costs for building operation.
- e. Finding: The Action Team finds that the efforts of the Florida Green Building Coalition, Inc. through their Government Green Standards program are valuable and encourages municipalities and counties to participate in the Green City and Green County initiatives.
- f. Recommendation: The Action Team recommends that the appropriate actions required by Executive Order 07-126 be extended by statute to all state government operations.
- g. Recommendation: The Action Team recommends specific legislative authority to remove barriers precluding the use of energy performance savings contracts for use in state government facilities.
- h. Recommendation: The Action Team recommends incentives to assist municipalities and counties in the development of programs that achieve the Green standards and designation, involve cost-efficient solutions, improve quality of life and strengthen Florida's economy.

Organizing Florida's Energy Future

1. **Strategies and mechanisms for the consolidation and coordination of energy policy in Florida;**
 - a. Finding: The Action Team finds that energy and climate change planning can not proceed independently if Florida is to meet its climate change, energy security and economic development goals.
 - b. Finding: The Action Team finds that state government should set clear, positive, and consistent energy and climate change policies in order to encourage capital investment in Florida's energy sector.
 - c. Finding: The Action Team finds value in having a central entity that serves as a clearinghouse and coordinating center for all the various energy conservation, energy efficiency, alternative fuels and technology development occurring within the state.
 - d. Recommendation: The Action Team recommends further examination of ways the state can support the public and private efforts to develop alternative fuels and technologies in Florida.
 - e. Recommendation: The Action Team recommends consideration of an organizational model that fosters greater public-private cooperation for the development of a low-carbon energy market in Florida.