



Governor's Action Team on Energy and Climate Change  
State of Florida

**Energy Supply & Demand (ESD) Technical Working Group**

**Summary List of Pending Priority Policy Options for Analysis**

	Policy Option	GHG Reductions (MMtCO <sub>2</sub> e)			Net Present Value 2009–2025 (Million \$)	Cost-Effective-ness (\$/tCO <sub>2</sub> e)	Level of Support
		2015	2025	Total 2009–2025			
ESD-1	Technology Research & Development with Near-term Commercial Opportunities	<i>Not Yet Quantified</i>					Pending
ESD-2	Technology Research & Development with Longer-term Commercial Opportunities	<i>Not Yet Quantified</i>					Pending
ESD-3	Renewable Energy Incentives and Barrier Removal	<i>Not Yet Quantified</i>					Pending
ESD-4	Electricity Transmission and Distribution Improvements	<i>Not Yet Quantified</i>					Pending
ESD-5a	Renewable Portfolio Standard	<i>Not Yet Quantified</i>					Pending
ESD-5b	Environmental Portfolio Standard	<i>Not Yet Quantified</i>					Pending
ESD-6	Safe & Environmentally Sound Nuclear Power	<i>Not Yet Quantified</i>					Pending
ESD-7	Integrated Resource Planning	<i>Not Yet Quantified</i>					Pending
ESD-8	Combined Heat and Power Systems	<i>Not Yet Quantified</i>					Pending
ESD-9	Power Plant Efficiency Improvements	<i>Not Yet Quantified</i>					Pending
ESD-10	Grace Period for Replacement of Carbon-Intensive Units	<i>Not Yet Quantified</i>					Pending

ESD-11	Waste-to-Energy	<i>Not Yet Quantified</i>	Pending
ESD-12	Demand-Side Management/Energy Efficiency Programs, Funds, or Goals for Electricity	<i>Not Yet Quantified</i>	Pending
ESD-13	Promotion and Incentives for Improved Design and Construction in the Private Sector	<i>Not Yet Quantified</i>	Pending
ESD-14	Improved Building Codes for Energy Efficiency	<i>Not Yet Quantified</i>	Pending
ESD-15	Training and Education for Builders and Contractors	<i>Not Yet Quantified</i>	Pending
ESD-16	More Stringent Appliance/Equipment Efficiency Standards	<i>Not Yet Quantified</i>	Pending
ESD-17	Consumer Education Programs	<i>Not Yet Quantified</i>	Pending
ESD-18	Incentives to Promote Implementation of Customer-Sited Renewable Energy Systems	<i>Not Yet Quantified</i>	Pending
ESD-19	Energy Efficiency Financing & Alternative Business Models	<i>Not Yet Quantified</i>	Pending
ESD-20	<b>Energy Efficiency for New and Existing Low Income Units</b>	<i>Not Yet Quantified</i>	Pending
ESD-21	Rate structures and Technologies to Promote Reduced GHG Emissions	<i>Not Yet Quantified</i>	Pending
ESD-22	Demand-Side Management/Energy Efficiency Programs, Funds, or Goals for Natural Gas	<i>Not Yet Quantified</i>	Pending
ESD-23	Decoupling	<i>Not Yet Quantified</i>	Pending

GHG = greenhouse gas; MMtCO<sub>2</sub>e = million metric tons of carbon dioxide equivalent; \$/tCO<sub>2</sub>e = dollars per metric ton of carbon dioxide equivalent.

Note: The numbering used to denote the above pending priority policy options is for reference purposes only; it does not reflect prioritization among these important draft policy options.

## S A M P L E

### ESD-6. Nuclear Power

#### Policy Description

Nuclear power has historically been a low-GHG source of electric power. However, no new nuclear power plants have come online in the United States since 1996 due in part to high capital costs. Long-term disposal of nuclear waste and public safety are public policy concerns with nuclear power. The Energy Policy Act of 2005 included provisions encouraging the construction of new nuclear units. There are currently 9 applications for a new plant on file with the Nuclear Regulatory Commission (NRC). Nuclear plant relicensing allows an existing plant to extend the life of the facility for 20 years past its original 40-year license terms. This policy option will evaluate the GHG impacts of nuclear power in the state

#### Policy Design

**Goals:** TBD (e.g., [X] MW of nuclear power availability (as approved by the TWG))

**Timing:** TBD – Operational in [year].

**Parties Involved:** TBD – [e.g., electric generating companies].

**Other:** TBD – [as approved by the TWG]

#### Implementation Mechanisms

TBD – [as approved by the TWG]

#### Related Policies/Programs in Place

TBD – [as needed and approved by the TWG]

#### Type(s) of GHG Reductions

TBD – [as approved by the TWG]

#### Estimated GHG Reductions and Costs or Cost Savings

TBD – [as approved by the TWG]

**Data Sources:** [TBD, as approved by the TWG]

**Quantification Methods:** [e.g., Full life-cycle analysis with supply/demand equilibrium adjustments on TWG approval]

**Key Assumptions:** [TBD, as approved by the TWG]

**Key Uncertainties**

TBD – [as needed and approved by the TWG]

**Additional Benefits and Costs**

TBD – [as needed and approved by the TWG]

**Feasibility Issues**

TBD – [as needed and approved by the TWG]

**Status of Group Approval**

Pending – [until CAT moves to final agreement]

**Level of Group Support**

TBD – [blank until completed by CAT]

**Barriers to Consensus**

TBD – [blank until completed by CAT]