



Governor’s Action Team on Energy and Climate Change

State of Florida

Energy Supply & Demand (ESD) Technical Working Group

Summary List of Recommended Priority Policy Options for Analysis: Energy Supply

Proposed Tier 1 Option No.	Proposed Option Name	# From Catalog of State Actions	TWG Votes
ES-1	Technology Research & Development with Near-term Commercial Opportunities	1.4 – Technology Research & Development 2.8 – Technology-focused initiatives (biomass co-firing, energy storage, fuel cells, etc.) 4.6 – Low-GHG Hydrogen production incentives and support	5
ES-2	Technology Research & Development with Longer-term Commercial Opportunities	3.1 – Advanced fossil fuel technology (e.g., IGCC, CCSR) incentives, support, or requirements 5.2 – R&D for CCSR	1
ES-3	Renewable Energy Incentives and Barrier Removal	2.2 – Grid-based renewable energy incentives and/or barrier removal; emphasis on rate recovery for renewable investment 2.3 – Distributed renewable energy incentives and/or barrier removal 2.6 (minus CHP) – Pricing strategies to	5

		<p>promote renewable energy and/or CHP (e.g. net metering)</p> <p>2.7 – Renewable energy development issues (zoning, siting, transmission line access, financing, etc.)</p> <p>2.9 – Public Benefits Charge</p> <p>2.11 – Solar/thermal incentives for off-setting water heating using fossil fuel</p> <p>6.3 – General distributed generation support for renewable energy (interconnection rules, net metering, etc.)</p>	
ES-4	Electricity Transmission and Distribution Improvements	<p>6.1 – Transmission system upgrading</p> <p>6.2 – Reduction of transmission and distribution line losses</p>	5
ES-5	Renewable and/or Environmental Portfolio Standard	2.1 – Renewable and/or Environmental Portfolio Standard (RPS/EPS)	4
ES-6	Promotion of Safe & Environmentally Sound Nuclear Power	<p>3.2 – New Nuclear Power – include issues related siting barriers and safe transportation, handling, storage and reprocessing of waste</p> <p>3.3 – Relicensing/Up-rating Existing Nuclear Power</p>	4
ES-7	Integrated resource planning	1.2 – Integrated resource planning (IRP)	3
ES-8	Promotion of Combined Heat and Power Systems	<p>2.5 – Combined Heat and Power (CHP) standards, incentives and/or barrier removal</p> <p>2.6 (<i>CHP portion only</i>) – Pricing strategies to promote renewable energy and/or CHP (e.g. net metering)</p>	3

ES-9	Power Plant Efficiency Improvements and Repowering	3.4 – Efficiency improvements and repowering existing plants	3
ES-10	Grace Period for Replacement of Carbon-Intensive Units	3.8 – A ‘grace period’ of up to 5 years where coal or gas units slated to be replaced by nuclear generation are exempted from any CO ₂ tax or penalty up to the COD of the nuclear replacement unit.	3
Tier 2 Options	Proposed Option Name	# From Catalog of State Actions	TWG Votes
		1.1 Generation performance standards and/or mitigation requirements for electricity	3
		2.4 Green power purchases and marketing	3
		2.13 Energy efficiency resource standards	3
		3.7 Advanced cost-recovery for replacement generation and transmission built to address climate change legislation/ regulation or an RPS	2
		6.5 Landfill Gas Recovery (see also Waste)	2
		6.6 Waste to Energy, including barrier removal for new generation and expansion of existing WTE operations	2
		1.3 Voluntary GHG commitments	1
		2.10 RECs valuation – treatment of in-state vs. out-of-state RECs	1
		2.12 TRC-based conservation test for	1

		generator efficiency and conservation programs	
		3.5 Technology-focused initiatives	1
		3.6 Technology to optimize and reduce water management, use and reuse for generation	1
		4.2 Natural gas transmission and distribution	1
		5.1 CCSR incentives, requirements and/or enabling policies (administration, regulation, liability, incentives)	1
		6.4 Environmental (GHG emissions) disclosure	1