



Governor’s Action Team on Energy and Climate Change

State of Florida

Energy Supply & Demand (ESD) Technical Work Group

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

Proposed Tier 1 Option #	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 promote renewable energy and/or CHP (e.g. net metering) 2.7 Renewable energy development issues (zoning, siting, transmission line access, financing, etc.) 2.9 Public Benefits Charge 2.11 Solar/thermal incentives for off-setting water heating using fossil fuel 6.3 General distributed generation support for renewable energy (interconnection rules, net metering, etc.)	5

ES-4	Electricity Transmission and Distribution Improvements	6.1 Transmission system upgrading 6.2 Reduction of transmission and distribution line losses	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	3.2 New Nuclear Power—include issues related to siting barriers and safe transportation, handling, storage and reprocessing of waste 3.3 Relicensing/Up-rating Existing Nuclear Power	4
ES-7	Integrated resource planning	1.2 Integrated resource planning (IRP)	3
ES-8	Promotion of Combined Heat and Power Systems	2.5 Combined Heat and Power (CHP) standards, incentives and/or barrier removal 2.6 (CHP portion only)—Pricing strategies to promote renewable energy and/or CHP (e.g. net metering)	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 CO2 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 generator efficiency and conservation programs	1
		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