



Summary of Efforts on Energy Efficiency in Southeast States - September, 2007

draft

- The National Action Plan for Energy Efficiency presents five recommendations for creating a sustainable, aggressive national commitment to energy efficiency.
- The following tables mark a first attempt to comprehensively reflect the status of efforts in the Southeast with respect to four of these recommendations (one on communication is excluded), for the electricity and natural gas sectors:
 - Recognize energy efficiency as a high priority resource.
 - Make a strong, long-term commitment to implement cost-effective energy efficiency as a resource.
 - Provide sufficient, timely, and stable program funding to deliver energy efficiency where cost-effective.
 - Modify policies to align utility incentives with the delivery of cost-effective energy efficiency and modify ratemaking practices to promote energy efficiency investments.
- This summary data was compiled for the US EPA by the Regulatory Assistance Project (RAP), based on a more detailed database developed by RAP. If you have updated or additional information, or want more details, please contact Cathie Murray at RAP at cathie@raponline.org.

The National Action Plan for Energy Efficiency is an ongoing effort led by a Leadership Group of over 50 electric and gas utilities, state utility commissioners, state air and energy agencies, energy services providers, energy consumers, and energy efficiency and consumer advocates. It is facilitated by the US EPA and US DOE. For more information, visit www.epa.gov/eeactionplan

Table 1. Recognize Energy Efficiency as a Resource

Y = Policy in place N = Policy not in place P = Action is pending/possible S = Some elements of policy in place E = Electricity NG = Natural Gas		AL		AR		FL		GA		LA		MS		NC		SC		TN	
		E	NG	E	NG	E	NG	E	NG	E	NG	E	NG	E	NG	E	NG	E	NG
Recommendation 1: Recognize energy efficiency as a high priority energy resource.																			
1.1	EE is a high priority resource (equal or superior to supply)	N	N	Y (2007 IRP rules)		N		P						P		N	N	P TVA	N
1.2	1.2.1 EE integrated into resource planning	N	N	Y (2007)	N	N		S	N					Y 2007		N	N	N	N
	1.2.2 Efficiency procured for default service																		
1.3	EE is used in transmission planning process	N	N	P				P						P		N			
1.4	1.4.1 EE is a biddable commodity			N												N			
1.5	State Implementation Plans (SIPs) include EE set-asides	N		N		N								P		P		N	

This table provides a snapshot of efforts to promote energy efficiency across the Southeast states with respect to the recommendations presented in the National Action Plan for Energy Efficiency

Table 2. Strong Commitment to Energy Efficiency Implementation

Y = Policy in place N = Policy not in place P = Action is pending/possible S = Some elements of policy in place E = Electricity NG = Natural Gas		AL		AR		FL		GA		LA		MS		NC		SC		TN	
		E	NG	E	NG	E	NG	E	NG	E	NG	E	NG	E	NG	E	NG	E	NG
Recommendation 2: Make a strong, long-term commitment to implement cost-effective energy efficiency as a resource.																			
2.1	Efficiency commitment is in statute	N	N	Y (1977)	Y (1977)	Y (1980)		Y (1989)	Y (1989)					Y		Y	Y		
2.2	The TRC or Societal Cost Test is used			Y 2007	Y 2007	N		P						P		N			
2.3	2.3.1 Potential study has been done			N	N	Y		S						P					
	2.3.2 Established EE programs reach all customer classes	N		S	S									P (Duke filing)					
2.4	Funding requirements for all long-term, cost-effective EE have been established																		
2.5	2.5.1 Quantitative MW and MWh savings goals have been established and are producing incremental investment.			P	P	Y								N					
	2.5.3 Energy Efficiency can be used to fulfill requirements of an RPS or similar standard													Y 2007					
	2.5.4 Expected Capacity Savings (Annual MW)																		
	2.5.5 Energy Savings (Annual MWh)																		

This table provides a snapshot of efforts to promote energy efficiency across the Southeast states with respect to the recommendations presented in the National Action Plan for Energy Efficiency

Y = Policy in place N = Policy not in place P = Action is pending/possible S = Some elements of policy in place E = Electricity NG = Natural Gas		AL		AR		FL		GA		LA		MS		NC		SC		TN	
		E	NG	E	NG	E	NG	E	NG	E	NG	E	NG	E	NG	E	NG	E	NG
Recommendation 2: Make a strong, long-term commitment to implement cost-effective energy efficiency as a resource.																			
2.6	2.6.1 A robust M&V process has been established			P	P									P					
	2.6.2 M&V is done using (a) deemed savings; (b) actual savings; (c) other			a, c	a, c														
2.7	2.7.1 EE delivery structure has been established			Y	Y									P					
2.8	Resource plans are regularly updated			Y	N/A			Y	Y supply					Y					
2.9	2.9.1 Building Energy Codes are in place and regularly updated	N/N		Y/Y		Y/N		Y/Y						Y/Y		Y/Y		Y/N	
2.10	Appliance and Equipment Efficiency Standards are in place and regularly updated	N		N		N		N						N		N			
2.11	Energy efficiency is a high priority in state buildings	Y		N		Y		Y						Y		Y			

This table provides a snapshot of efforts to promote energy efficiency across the Southeast states with respect to the recommendations presented in the National Action Plan for Energy Efficiency

Table 3. Provide Sufficient Stable Energy Efficiency Program Funding

Y = Policy in place N = Policy not in place P = Action is pending/possible S = Some elements of policy in place E = Electricity NG = Natural Gas		AL		AR		FL		GA		LA		MS		NC		SC		TN	
		E	NG	E	NG	E	NG	E	NG	E	NG	E	NG	E	NG	E	NG	E	NG
Recommendation 4: Promote sufficient, timely, and stable program funding to deliver energy efficiency where cost-effective.																			
4.1	4.1.1 Cost recovery process exists			P (filing anticip.)	P (filing anticip.)	Y		Y (rate cases/ P (issue under review)							P 2007 law		Y (in rates)		N N
	4.1.3 Funding is for multi-year periods			P	P	Y													
4.2	A base energy efficiency spending level exists, with opportunity to justify higher level					Y													
4.3	% of net (retail) utility revenue presently used for energy efficiency [no unit = %; m/k = mils/kWh]																		
4.4	Funds from carbon trading program support EE	N		N		N		N		N		N		N		N		N	

This table provides a snapshot of efforts to promote energy efficiency across the Southeast states with respect to the recommendations presented in the National Action Plan for Energy Efficiency

Table 4. Align Incentives and Ratemaking Practices with Energy Efficiency Investment

Y = Policy in place N = Policy not in place P = Action is pending/possible S = Some elements of policy in place E = Electricity NG = Natural Gas		AL		AR		FL		GA		LA		MS		NC		SC		TN	
		E	NG	E	NG	E	NG	E	NG	E	NG	E	NG	E	NG	E	NG	E	NG
Recommendation 5: Modify policies to align utility incentives with the delivery of cost-effective EE and modify ratemaking practices to promote EE.																			
5.1	5.1.1 Utility throughput incentive is addressed and disincentives are removed			P filings expected	S			P; may be invest.						P 2007 law	Y (de-coupled)	N			
5.2	5.2.1 Incentives are provided			N	N			S (varies by util)						P 2007 law					
	5.2.2 Incentives > lost revenues																		
5.3	5.3.1 Impact on EE is a consideration when designing retail rates																		
	5.3.2 Declining block rates and fixed variable rate designs have been eliminated			N															
5.4	5.4.1 Time sensitive rates in place			P				S											P
	5.4.2 Usage sensitive rates in place																		
	5.4.3 AMI deployment planned			N (new)															P
	5.4.4 Other mechanisms exist (e.g., on-bill financing, benefit sharing)			N															

This table provides a snapshot of efforts to promote energy efficiency across the Southeast states with respect to the recommendations presented in the National Action Plan for Energy Efficiency