

Table 3. Electricity Price Elasticities used as Energy Model Inputs, or taken from Model Simulation

EIA's Regional Short Term Energy Model (RSTEM)

	short-run	long run
East South Central	0.09	0.40
East North Central	0.02	0.06
Mid-Atlantic (New York, New Jersey, Pennsylvania)	0.03	0.59
Mountain	0.07	0.60
New England	0.02	0.62
Pacific	0.14	0.55
South Atlantic	0.05	0.22
West North Central	0.11	0.23
West South Central	0.10	
Average (unweighted)	0.07	0.41
California	0.15	0.33
Florida	0.15	0.48
New York	0.10	0.30

*Source: Joutz and Costello (2005)

EIA's National Energy Modeling System (NEMS)

		1 year	2 years	3 years	long run
1999 Simulation:	residential	0.23			0.31
	commercial	0.23			0.24
2003 Simulation:	residential	0.20	0.29	0.34	0.49
	commercial	0.10	0.17	0.20	0.45

*Source: Wade (2005)

		short run	
2006 Model inputs:	residential	0.15	
	commercial	0.25	for most appliances
		0.10	for refrigerators
		0.05	for PC's, etc
	industrial	0.10	0.40 - 0.60

*Source: EIA (2006)

*Source: Personal Communication with Crawford Honeycutt of EIA

EPA multi-pollutant analysis of several policy proposals and regulations

		short run	
Model Inputs:	all sectors	0.16	in 2010
		0.20	in 2015
		0.25	in 2020

*Source: EPA (2005)

RFF model used in simulation of RGGI

		middle to long run
Model inputs	all sectors (weighted average)	0.25

*Source: personal communication with Dallas Burtraw of RFF.

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