

## Reducing Emissions of Sulfur Dioxide, Nitrogen Oxides, and Mercury from Electric Power Plants

**Table ES2. Projected Additions of Emissions Control Equipment, 1999-2020**  
 (Gigawatts)

Analysis Case	Cumulative Capacity Adding Controls				
	SO <sub>2</sub> Scrubber	Selective Catalytic Reduction (SCR)	Selective Noncatalytic Reduction (SNCR)	Hg Fabric Filter	Hg Spray Cooler
Reference . . . . .	17.5	91.1	46.0	0.0	0.0
50-Percent Reduction . . . . .	90.0	98.0	14.6	45.5	1.6
65-Percent Reduction . . . . .	127.3	156.3	55.5	60.5	3.8
75-Percent Reduction . . . . .	151.5	218.1	43.8	66.9	29.3

Note: The reference case assumes a 19-State summer season NO<sub>x</sub> program beginning in 2004. The analysis cases assume the proposed annual programs without the summer limits. SCRs and SNCRs are NO<sub>x</sub> removal technologies.

Source: National Energy Modeling System, runs SCENABS.D080301A (Reference), RENC5012.D081701B (50-Percent Reduction), RENC6512.D081701B (65-Percent Reduction), and RENC75.D081701B (75-Percent Reduction).