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

Table 4. Key Projections in the Analysis Cases, 2010 and 2020

Projection	Reference Case	50-Percent Reduction Case	65-Percent Reduction Case	75-Percent Reduction Case
2010				
Natural Gas Wellhead Price (1999 Dollars per Thousand Cubic Feet)	2.82	2.85	2.95	2.98
SO_2 Allowance Price (1999 Dollars per Ton)	180	210	415	296
NO_x Allowance Price: Annual (1999 Dollars per Ton)	0	1,208	1,491	2,072
NO_x Allowance Price: Seasonal (1999 Dollars per Ton)	4,404	0	0	0
Hg Allowance Price (1999 Dollars per Pound)	0	14,452	20,124	31,923
Electricity Price (1999 Cents per Kilowatthour)	6.12	6.12	6.23	6.23
Electricity Sales (Billion Kilowatthours)	4,133	4,135	4,122	4,120
Electricity Industry Revenues (Billion 1999 Dollars)	253	253	257	257
2020				
Natural Gas Wellhead Price (1999 Dollars per Thousand Cubic Feet)	3.10	3.19	3.35	3.41
SO_2 Allowance Price (1999 Dollars per Ton)	200	719	1,390	1,737
NO_x Allowance Price: Annual (1999 Dollars per Ton)	0	1,108	1,457	2,825
NO_x Allowance Price: Seasonal (1999 Dollars per Ton)	5,087	0	0	0
Hg Allowance Price (1999 Dollars per Pound)	0	21,119	41,190	85,225
Electricity Price (1999 Cents per Kilowatthour)	6.13	6.22	6.35	6.48
Electricity Sales (Billion Kilowatthours)	4,763	4,749	4,736	4,716
Electricity Industry Revenues (Billion 1999 Dollars)	292	295	301	305

Note: The reference case assumes a 19-State summer season NO_x program beginning in 2004. The analysis cases assume the proposed annual programs without the summer limits.

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).