

Multi-Pollutant Legislation and Regulations

Table 15. Key electricity sector projections from EIA's analysis of proposed pCAIR regulations, 2015 and 2025

| <i>Projection</i> | <i>2003</i> | <i>2015</i> | | <i>2025</i> | |
|--|-------------|-----------------------------------|-------------------|-----------------------------------|-------------------|
| | | <i>AEO2005 reference case</i> | <i>pCAIR case</i> | <i>AEO2005 reference case</i> | <i>pCAIR case</i> |
| <i>Total U.S. emissions</i> | | | | | |
| <i>NO_x (million tons)</i> | <i>4.1</i> | <i>4.1</i> | <i>2.1</i> | <i>4.3</i> | <i>2.2</i> |
| <i>SO₂ (million tons)</i> | <i>10.6</i> | <i>9.0</i> | <i>4.7</i> | <i>9.0</i> | <i>3.9</i> |
| <i>Allowance prices (2003 dollars per ton)</i> | | | | | |
| <i>NO_x</i> | <i>—</i> | <i>—</i> | <i>2,524</i> | <i>—</i> | <i>2,789</i> |
| <i>SO₂</i> | <i>172</i> | <i>290</i> | <i>1,160</i> | <i>247</i> | <i>1,463</i> |
| <i>Coal-fired capacity retrofits (gigawatts)</i> | | | | | |
| <i>Flue gas desulfurization</i> | <i>0</i> | <i>26</i> | <i>107</i> | <i>27</i> | <i>128</i> |
| <i>Selective catalytic reduction</i> | <i>0</i> | <i>70</i> | <i>131</i> | <i>74</i> | <i>133</i> |