Table 11.6 Carbon Dioxide Emissions From Energy Consumption: Electric Power Sector  
(Million Metric Tons of Carbon Dioxide)<sup>a</sup>

<table>
<thead>
<tr>
<th></th>
<th>Coal</th>
<th>Natural Gas</th>
<th>Distillate Fuel Oil</th>
<th>Petroleum Coke</th>
<th>Residual Fuel Oil</th>
<th>Total</th>
<th>Geo-thermal</th>
<th>Non-Biomass Waste</th>
<th>Total&lt;sup&gt;b&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1973 Total</strong></td>
<td>812</td>
<td>199</td>
<td>20</td>
<td>2</td>
<td>254</td>
<td>276</td>
<td>NA</td>
<td>NA</td>
<td>1,286</td>
</tr>
<tr>
<td><strong>1975 Total</strong></td>
<td>824</td>
<td>172</td>
<td>17</td>
<td>(s)</td>
<td>231</td>
<td>248</td>
<td>NA</td>
<td>NA</td>
<td>1,244</td>
</tr>
<tr>
<td><strong>1980 Total</strong></td>
<td>1,137</td>
<td>200</td>
<td>12</td>
<td>1</td>
<td>194</td>
<td>207</td>
<td>NA</td>
<td>NA</td>
<td>1,544</td>
</tr>
<tr>
<td><strong>1983 Total</strong></td>
<td>1,367</td>
<td>166</td>
<td>6</td>
<td>1</td>
<td>79</td>
<td>86</td>
<td>NA</td>
<td>NA</td>
<td>1,619</td>
</tr>
<tr>
<td><strong>1990 Total</strong></td>
<td>1,548</td>
<td>176</td>
<td>7</td>
<td>3</td>
<td>92</td>
<td>102</td>
<td>(s)</td>
<td>6</td>
<td>1,831</td>
</tr>
<tr>
<td><strong>1995 Total</strong></td>
<td>1,661</td>
<td>228</td>
<td>8</td>
<td>8</td>
<td>45</td>
<td>61</td>
<td>(s)</td>
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<tr>
<td><strong>2000 Total</strong></td>
<td>1,927</td>
<td>281</td>
<td>13</td>
<td>10</td>
<td>69</td>
<td>91</td>
<td>(s)</td>
<td>10</td>
<td>2,310</td>
</tr>
<tr>
<td><strong>2001 Total</strong></td>
<td>2,070</td>
<td>290</td>
<td>12</td>
<td>11</td>
<td>79</td>
<td>102</td>
<td>(s)</td>
<td>11</td>
<td>2,273</td>
</tr>
<tr>
<td><strong>2002 Total</strong></td>
<td>2,190</td>
<td>306</td>
<td>9</td>
<td>18</td>
<td>52</td>
<td>79</td>
<td>(s)</td>
<td>13</td>
<td>2,286</td>
</tr>
<tr>
<td><strong>2003 Total</strong></td>
<td>2,931</td>
<td>278</td>
<td>12</td>
<td>18</td>
<td>69</td>
<td>98</td>
<td>(s)</td>
<td>11</td>
<td>2,319</td>
</tr>
<tr>
<td><strong>2004 Total</strong></td>
<td>2,943</td>
<td>297</td>
<td>8</td>
<td>22</td>
<td>69</td>
<td>99</td>
<td>(s)</td>
<td>11</td>
<td>2,350</td>
</tr>
<tr>
<td><strong>2005 Total</strong></td>
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<td>319</td>
<td>8</td>
<td>24</td>
<td>69</td>
<td>101</td>
<td>(s)</td>
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<td>2,416</td>
</tr>
<tr>
<td><strong>2006 Total</strong></td>
<td>2,954</td>
<td>338</td>
<td>5</td>
<td>21</td>
<td>28</td>
<td>55</td>
<td>(s)</td>
<td>12</td>
<td>2,358</td>
</tr>
<tr>
<td><strong>2007 Total</strong></td>
<td>1,867</td>
<td>372</td>
<td>6</td>
<td>17</td>
<td>31</td>
<td>54</td>
<td>(s)</td>
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<td>2,425</td>
</tr>
<tr>
<td><strong>2008 Total</strong></td>
<td>1,959</td>
<td>362</td>
<td>5</td>
<td>15</td>
<td>19</td>
<td>39</td>
<td>(s)</td>
<td>12</td>
<td>2,373</td>
</tr>
<tr>
<td><strong>2009 Total</strong></td>
<td>1,741</td>
<td>373</td>
<td>5</td>
<td>13</td>
<td>14</td>
<td>33</td>
<td>(s)</td>
<td>11</td>
<td>2,158</td>
</tr>
<tr>
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<td>6</td>
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<td>12</td>
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<td>(s)</td>
<td>11</td>
<td>2,270</td>
</tr>
<tr>
<td><strong>2011 Total</strong></td>
<td>1,723</td>
<td>409</td>
<td>5</td>
<td>14</td>
<td>7</td>
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<td>(s)</td>
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<tr>
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<td>9</td>
<td>6</td>
<td>19</td>
<td>(s)</td>
<td>11</td>
<td>2,034</td>
</tr>
<tr>
<td><strong>2013 Total</strong></td>
<td>1,571</td>
<td>444</td>
<td>4</td>
<td>13</td>
<td>6</td>
<td>23</td>
<td>(s)</td>
<td>11</td>
<td>2,050</td>
</tr>
<tr>
<td><strong>2014 Total</strong></td>
<td>1,569</td>
<td>444</td>
<td>6</td>
<td>12</td>
<td>7</td>
<td>26</td>
<td>(s)</td>
<td>11</td>
<td>2,050</td>
</tr>
<tr>
<td><strong>2015 Total</strong></td>
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<td>527</td>
<td>5</td>
<td>11</td>
<td>7</td>
<td>24</td>
<td>(s)</td>
<td>11</td>
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</tr>
<tr>
<td><strong>2016 Total</strong></td>
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<td>547</td>
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<td>12</td>
<td>6</td>
<td>22</td>
<td>(s)</td>
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<tr>
<td><strong>2017 Total</strong></td>
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<td>507</td>
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<td>10</td>
<td>5</td>
<td>19</td>
<td>(s)</td>
<td>11</td>
<td>1,743</td>
</tr>
<tr>
<td><strong>2018 Total</strong></td>
<td>1,151</td>
<td>579</td>
<td>6</td>
<td>10</td>
<td>6</td>
<td>22</td>
<td>(s)</td>
<td>11</td>
<td>1,764</td>
</tr>
<tr>
<td><strong>2019 Total</strong></td>
<td>1,011</td>
<td>46</td>
<td>(s)</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>(s)</td>
<td>1</td>
<td>1,500</td>
</tr>
<tr>
<td><strong>2020 January</strong></td>
<td>101</td>
<td>46</td>
<td>(s)</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>(s)</td>
<td>1</td>
<td>1,500</td>
</tr>
<tr>
<td><strong>February</strong></td>
<td>83</td>
<td>38</td>
<td>(s)</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>(s)</td>
<td>1</td>
<td>1,235</td>
</tr>
<tr>
<td><strong>March</strong></td>
<td>81</td>
<td>41</td>
<td>(s)</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>(s)</td>
<td>1</td>
<td>1,245</td>
</tr>
<tr>
<td><strong>April</strong></td>
<td>73</td>
<td>38</td>
<td>(s)</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>(s)</td>
<td>1</td>
<td>1,143</td>
</tr>
<tr>
<td><strong>May</strong></td>
<td>86</td>
<td>46</td>
<td>(s)</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>(s)</td>
<td>1</td>
<td>1,133</td>
</tr>
<tr>
<td><strong>June</strong></td>
<td>101</td>
<td>52</td>
<td>(s)</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>(s)</td>
<td>1</td>
<td>1,132</td>
</tr>
<tr>
<td><strong>July</strong></td>
<td>115</td>
<td>67</td>
<td>(s)</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>(s)</td>
<td>1</td>
<td>1,153</td>
</tr>
<tr>
<td><strong>August</strong></td>
<td>115</td>
<td>65</td>
<td>(s)</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>(s)</td>
<td>1</td>
<td>1,153</td>
</tr>
<tr>
<td><strong>September</strong></td>
<td>98</td>
<td>56</td>
<td>(s)</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>(s)</td>
<td>1</td>
<td>1,133</td>
</tr>
<tr>
<td><strong>October</strong></td>
<td>88</td>
<td>49</td>
<td>(s)</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>(s)</td>
<td>1</td>
<td>1,132</td>
</tr>
<tr>
<td><strong>November</strong></td>
<td>94</td>
<td>42</td>
<td>(s)</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>(s)</td>
<td>1</td>
<td>1,132</td>
</tr>
<tr>
<td><strong>December</strong></td>
<td>101</td>
<td>42</td>
<td>(s)</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>(s)</td>
<td>1</td>
<td>1,132</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>1,151</td>
<td>579</td>
<td>6</td>
<td>10</td>
<td>6</td>
<td>22</td>
<td>(s)</td>
<td>11</td>
<td>1,764</td>
</tr>
</tbody>
</table>

<sup>a</sup> Metric tons of carbon dioxide can be converted to metric tons of carbon equivalent by multiplying by 12/44.
<sup>b</sup> Natural gas, excluding supplemental gaseous fuels.
<sup>c</sup> Distillate fuel oil, excluding biodiesel.
<sup>d</sup> Municipal solid waste from non-biogenic sources, and tire-derived fuels.
<sup>e</sup> Through 1994, also includes blast furnace gas, and other manufactured and waste gases derived from fossil fuels.
<sup>f</sup> Excludes emissions from biomass energy consumption. See Table 11.7.
<sup>R</sup> Revised.
<sup>NA</sup> Not available.
<sup>s</sup> Less than 0.5 million metric tons.

Notes: • Data are estimates for carbon dioxide emissions from energy consumption. See "Section 11 Methodology and Sources" at end of section. • See "Carbon Dioxide" in Glossary. • See Note 1, "Emissions of Carbon Dioxide and Other Greenhouse Gases," at end of section. • Data exclude emissions from biomass energy consumption. See Table 11.7 and Note 2, "Accounting for Carbon Dioxide Emissions From Biomass Energy Combustion," at end of section. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia. Web Page: See http://www.eia.gov/totalenergy/data/monthly/#environment (Excel and CSV files) for all available annual and monthly data beginning in 1973.

Sources: See end of section.