

**Table 7e. U.S. Fuel Consumption for Electricity Generation by Sector**  
 Energy Information Administration/Short-Term Energy Outlook - October 2009

|   | 2008         |              |              |              | 2009         |              |              |              | 2010         |              |              |              | Year         |              |              |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|   | 1st          | 2nd          | 3rd          | 4th          | 1st          | 2nd          | 3rd          | 4th          | 1st          | 2nd          | 3rd          | 4th          | 2008         | 2009         | 2010         |
| <b>Electric Power Sector (a)</b>                                    |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |
| Coal (mmst/d) .....   | <b>2.88</b>  | <b>2.71</b>  | <b>3.02</b>  | <b>2.72</b>  | <b>2.63</b>  | <b>2.37</b>  | <b>2.71</b>  | <i>2.61</i>  | <i>2.71</i>  | <i>2.41</i>  | <i>2.80</i>  | <i>2.65</i>  | <b>2.84</b>  | <i>2.58</i>  | <i>2.64</i>  |
| Natural Gas (bcf/d) .....   | <b>14.67</b> | <b>16.67</b> | <b>22.37</b> | <b>15.20</b> | <b>15.00</b> | <b>16.96</b> | <b>24.25</b> | <i>16.34</i> | <i>14.00</i> | <i>16.12</i> | <i>24.29</i> | <i>16.36</i> | <b>17.24</b> | <i>18.16</i> | <i>17.72</i> |
| Petroleum (mmb/d) (b) .....   | <b>0.20</b>  | <b>0.21</b>  | <b>0.22</b>  | <b>0.19</b>  | <b>0.23</b>  | <b>0.17</b>  | <b>0.19</b>  | <i>0.19</i>  | <i>0.22</i>  | <i>0.20</i>  | <i>0.22</i>  | <i>0.20</i>  | <b>0.21</b>  | <i>0.19</i>  | <i>0.21</i>  |
| Residual Fuel Oil (mmb/d) .....                                     | <b>0.09</b>  | <b>0.11</b>  | <b>0.12</b>  | <b>0.09</b>  | <b>0.11</b>  | <b>0.07</b>  | <b>0.07</b>  | <i>0.06</i>  | <i>0.07</i>  | <i>0.07</i>  | <i>0.07</i>  | <i>0.06</i>  | <b>0.10</b>  | <i>0.08</i>  | <i>0.07</i>  |
| Distillate Fuel Oil (mmb/d) .....                                   | <b>0.04</b>  | <b>0.03</b>  | <b>0.03</b>  | <b>0.03</b>  | <b>0.04</b>  | <b>0.03</b>  | <b>0.03</b>  | <i>0.03</i>  | <i>0.04</i>  | <i>0.03</i>  | <i>0.03</i>  | <i>0.03</i>  | <b>0.03</b>  | <i>0.03</i>  | <i>0.03</i>  |
| Petroleum Coke (mmst/d) .....                                       | <b>0.07</b>  | <b>0.07</b>  | <b>0.07</b>  | <b>0.07</b>  | <b>0.07</b>  | <b>0.07</b>  | <b>0.08</b>  | <i>0.10</i>  | <i>0.10</i>  | <i>0.10</i>  | <i>0.12</i>  | <i>0.11</i>  | <b>0.07</b>  | <i>0.08</i>  | <i>0.11</i>  |
| Other Petroleum (mmb/d) .....                                       | <b>0.01</b>  | <b>0.01</b>  | <b>0.00</b>  | <b>0.01</b>  | <b>0.01</b>  | <b>0.00</b>  | <b>0.00</b>  | <i>0.00</i>  | <i>0.01</i>  | <i>0.00</i>  | <i>0.00</i>  | <i>0.00</i>  | <b>0.01</b>  | <i>0.00</i>  | <i>0.00</i>  |
| <b>Commercial Sector (c)</b>  |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |
| Coal (mmst/d) .....   | <b>0.00</b>  | <b>0.00</b>  | <b>0.00</b>  | <b>0.00</b>  | <b>0.00</b>  | <b>0.00</b>  | <b>0.00</b>  | <i>0.00</i>  | <i>0.00</i>  | <i>0.00</i>  | <i>0.00</i>  | <i>0.00</i>  | <b>0.00</b>  | <i>0.00</i>  | <i>0.00</i>  |
| Natural Gas (bcf/d) .....   | <b>0.09</b>  | <b>0.08</b>  | <b>0.09</b>  | <b>0.08</b>  | <b>0.09</b>  | <b>0.08</b>  | <b>0.10</b>  | <i>0.10</i>  | <i>0.09</i>  | <i>0.09</i>  | <i>0.10</i>  | <i>0.09</i>  | <b>0.09</b>  | <i>0.09</i>  | <i>0.09</i>  |
| Petroleum (mmb/d) (b) .....   | <b>0.00</b>  | <b>0.00</b>  | <b>0.00</b>  | <b>0.00</b>  | <b>0.00</b>  | <b>0.00</b>  | <b>0.00</b>  | <i>0.00</i>  | <i>0.00</i>  | <i>0.00</i>  | <i>0.00</i>  | <i>0.00</i>  | <b>0.00</b>  | <i>0.00</i>  | <i>0.00</i>  |
| <b>Industrial Sector (c)</b>  |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |
| Coal (mmst/d) .....   | <b>0.01</b>  | <b>0.02</b>  | <b>0.02</b>  | <b>0.01</b>  | <b>0.01</b>  | <b>0.01</b>  | <b>0.02</b>  | <i>0.02</i>  | <i>0.01</i>  | <i>0.02</i>  | <i>0.02</i>  | <i>0.02</i>  | <b>0.02</b>  | <i>0.01</i>  | <i>0.02</i>  |
| Natural Gas (bcf/d) .....   | <b>1.41</b>  | <b>1.33</b>  | <b>1.37</b>  | <b>1.27</b>  | <b>1.35</b>  | <b>1.33</b>  | <b>1.48</b>  | <i>1.37</i>  | <i>1.41</i>  | <i>1.31</i>  | <i>1.42</i>  | <i>1.36</i>  | <b>1.35</b>  | <i>1.38</i>  | <i>1.38</i>  |
| Petroleum (mmb/d) (b) .....   | <b>0.01</b>  | <b>0.01</b>  | <b>0.01</b>  | <b>0.01</b>  | <b>0.01</b>  | <b>0.01</b>  | <b>0.01</b>  | <i>0.01</i>  | <i>0.01</i>  | <i>0.01</i>  | <i>0.01</i>  | <i>0.01</i>  | <b>0.01</b>  | <i>0.01</i>  | <i>0.01</i>  |
| <b>Total All Sectors</b>  |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |
| Coal (mmst/d) .....   | <b>2.90</b>  | <b>2.73</b>  | <b>3.04</b>  | <b>2.73</b>  | <b>2.64</b>  | <b>2.39</b>  | <b>2.73</b>  | <i>2.62</i>  | <i>2.72</i>  | <i>2.43</i>  | <i>2.82</i>  | <i>2.67</i>  | <b>2.85</b>  | <i>2.60</i>  | <i>2.66</i>  |
| Natural Gas (bcf/d) .....   | <b>16.18</b> | <b>18.08</b> | <b>23.83</b> | <b>16.55</b> | <b>16.44</b> | <b>18.38</b> | <b>25.83</b> | <i>17.80</i> | <i>15.51</i> | <i>17.52</i> | <i>25.82</i> | <i>17.82</i> | <b>18.67</b> | <i>19.63</i> | <i>19.19</i> |
| Petroleum (mmb/d) (b) .....   | <b>0.22</b>  | <b>0.22</b>  | <b>0.23</b>  | <b>0.20</b>  | <b>0.24</b>  | <b>0.18</b>  | <b>0.20</b>  | <i>0.21</i>  | <i>0.23</i>  | <i>0.21</i>  | <i>0.23</i>  | <i>0.21</i>  | <b>0.22</b>  | <i>0.21</i>  | <i>0.22</i>  |
| <b>End-of-period Fuel Inventories Held by Electric Power Sector</b> |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |
| Coal (mmst) .....   | <b>147.0</b> | <b>153.9</b> | <b>145.8</b> | <b>163.1</b> | <b>176.6</b> | <b>198.2</b> | <b>187.8</b> | <i>192.1</i> | <i>186.6</i> | <i>185.8</i> | <i>166.6</i> | <i>182.1</i> | <b>163.1</b> | <i>192.1</i> | <i>182.1</i> |
| Residual Fuel Oil (mmb) .....                                       | <b>23.1</b>  | <b>24.3</b>  | <b>22.3</b>  | <b>21.7</b>  | <b>22.0</b>  | <b>21.8</b>  | <b>20.7</b>  | <i>20.5</i>  | <i>19.8</i>  | <i>20.3</i>  | <i>18.0</i>  | <i>19.1</i>  | <b>21.7</b>  | <i>20.5</i>  | <i>19.1</i>  |
| Distillate Fuel Oil (mmb) .....                                     | <b>18.4</b>  | <b>18.4</b>  | <b>18.3</b>  | <b>18.9</b>  | <b>18.7</b>  | <b>19.5</b>  | <b>19.5</b>  | <i>19.8</i>  | <i>19.0</i>  | <i>18.8</i>  | <i>18.8</i>  | <i>19.3</i>  | <b>18.9</b>  | <i>19.8</i>  | <i>19.3</i>  |
| Petroleum Coke (mmb) .....  | <b>3.3</b>   | <b>3.7</b>   | <b>3.6</b>   | <b>4.0</b>   | <b>3.8</b>   | <b>4.0</b>   | <b>3.8</b>   | <i>3.9</i>   | <i>4.1</i>   | <i>4.0</i>   | <i>4.2</i>   | <i>3.9</i>   | <b>4.0</b>   | <i>3.9</i>   | <i>3.9</i>   |

- = no data available

(a) Electric utilities and independent power producers.

(b) Petroleum category may include petroleum coke, which is converted from short tons to barrels by multiplying by 5.

(c) Commercial and industrial sectors include electricity output from combined heat and power (CHP) facilities and some electric-only plants.

**Notes:** The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Physical Units: mmst/d = million short tons per day; mmb/d = million barrels per day; bcf/d = billion cubic feet per day; mmb = million barrels.

Values of 0.00 may indicate positive levels of fuel consumption that are less than 0.005 units per day.

**Historical data:** Latest data available from Energy Information Administration databases supporting the following reports: *Electric Power Monthly*, DOE/EIA-0226; and *Electric Power Annual*, DOE/EIA-0348.

Minor discrepancies with published historical data are due to independent rounding.

**Projections:** Generated by simulation of the EIA Regional Short-Term Energy Model.