

**Table 7a. U.S. Electricity Industry Overview**

Energy Information Administration/Short-Term Energy Outlook - October 2008

|                                                                | 2007         |              |              |              | 2008         |              |              |              | 2009         |              |              |              | Year         |              |              |
|----------------------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                                                                | 1st          | 2nd          | 3rd          | 4th          | 1st          | 2nd          | 3rd          | 4th          | 1st          | 2nd          | 3rd          | 4th          | 2007         | 2008         | 2009         |
| <b>Electricity Supply (billion kilowatthours per day)</b>      |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |
| Electricity Generation .....                                   | <b>11.09</b> | <b>10.97</b> | <b>12.72</b> | <b>10.79</b> | <b>11.14</b> | <b>11.04</b> | <b>12.71</b> | <i>10.92</i> | <i>11.17</i> | <i>11.14</i> | <i>12.85</i> | <i>11.00</i> | <b>11.40</b> | <i>11.46</i> | <i>11.54</i> |
| Electric Power Sector (a) .....                                | <b>10.67</b> | <b>10.56</b> | <b>12.29</b> | <b>10.38</b> | <b>10.73</b> | <b>10.65</b> | <b>12.27</b> | <i>10.49</i> | <i>10.74</i> | <i>10.72</i> | <i>12.40</i> | <i>10.57</i> | <b>10.98</b> | <i>11.04</i> | <i>11.11</i> |
| Industrial Sector .....                                        | <b>0.40</b>  | <b>0.39</b>  | <b>0.41</b>  | <b>0.39</b>  | <b>0.38</b>  | <b>0.37</b>  | <b>0.41</b>  | <i>0.40</i>  | <i>0.41</i>  | <i>0.40</i>  | <i>0.42</i>  | <i>0.41</i>  | <b>0.40</b>  | <i>0.39</i>  | <i>0.41</i>  |
| Commercial Sector .....                                        | <b>0.02</b>  | <b>0.02</b>  | <b>0.02</b>  | <b>0.02</b>  | <b>0.02</b>  | <b>0.02</b>  | <b>0.02</b>  | <i>0.02</i>  | <i>0.02</i>  | <i>0.02</i>  | <i>0.02</i>  | <i>0.02</i>  | <b>0.02</b>  | <i>0.02</i>  | <i>0.02</i>  |
| Net Imports .....                                              | <b>0.07</b>  | <b>0.11</b>  | <b>0.09</b>  | <b>0.07</b>  | <b>0.09</b>  | <b>0.09</b>  | <b>0.13</b>  | <i>0.09</i>  | <i>0.08</i>  | <i>0.08</i>  | <i>0.09</i>  | <i>0.05</i>  | <b>0.09</b>  | <i>0.10</i>  | <i>0.08</i>  |
| Total Supply .....                                             | <b>11.16</b> | <b>11.08</b> | <b>12.81</b> | <b>10.86</b> | <b>11.23</b> | <b>11.13</b> | <b>12.84</b> | <i>11.00</i> | <i>11.25</i> | <i>11.22</i> | <i>12.94</i> | <i>11.05</i> | <b>11.48</b> | <i>11.55</i> | <i>11.62</i> |
| Losses and Unaccounted for (b) ...                             | <b>0.71</b>  | <b>0.95</b>  | <b>0.90</b>  | <b>0.72</b>  | <b>0.64</b>  | <b>0.88</b>  | <b>0.87</b>  | <i>0.76</i>  | <i>0.64</i>  | <i>0.95</i>  | <i>0.86</i>  | <i>0.78</i>  | <b>0.82</b>  | <i>0.79</i>  | <i>0.81</i>  |
| <b>Electricity Consumption (billion kilowatthours per day)</b> |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |
| Retail Sales .....                                             | <b>10.06</b> | <b>9.74</b>  | <b>11.51</b> | <b>9.76</b>  | <b>10.21</b> | <b>9.88</b>  | <b>11.56</b> | <i>9.84</i>  | <i>10.20</i> | <i>9.88</i>  | <i>11.66</i> | <i>9.87</i>  | <b>10.27</b> | <i>10.38</i> | <i>10.41</i> |
| Residential Sector .....                                       | <b>3.92</b>  | <b>3.34</b>  | <b>4.55</b>  | <b>3.45</b>  | <b>3.96</b>  | <b>3.37</b>  | <b>4.49</b>  | <i>3.50</i>  | <i>3.93</i>  | <i>3.36</i>  | <i>4.55</i>  | <i>3.47</i>  | <b>3.81</b>  | <i>3.83</i>  | <i>3.83</i>  |
| Commercial Sector .....                                        | <b>3.47</b>  | <b>3.61</b>  | <b>4.09</b>  | <b>3.54</b>  | <b>3.50</b>  | <b>3.66</b>  | <b>4.14</b>  | <i>3.56</i>  | <i>3.53</i>  | <i>3.67</i>  | <i>4.19</i>  | <i>3.62</i>  | <b>3.68</b>  | <i>3.72</i>  | <i>3.75</i>  |
| Industrial Sector .....                                        | <b>2.65</b>  | <b>2.77</b>  | <b>2.86</b>  | <b>2.74</b>  | <b>2.73</b>  | <b>2.83</b>  | <b>2.91</b>  | <i>2.77</i>  | <i>2.72</i>  | <i>2.83</i>  | <i>2.91</i>  | <i>2.76</i>  | <b>2.76</b>  | <i>2.81</i>  | <i>2.81</i>  |
| Transportation Sector .....                                    | <b>0.02</b>  | <b>0.02</b>  | <b>0.02</b>  | <b>0.02</b>  | <b>0.02</b>  | <b>0.02</b>  | <b>0.02</b>  | <i>0.02</i>  | <i>0.02</i>  | <i>0.02</i>  | <i>0.02</i>  | <i>0.02</i>  | <b>0.02</b>  | <i>0.02</i>  | <i>0.02</i>  |
| Direct Use (c) .....                                           | <b>0.39</b>  | <b>0.39</b>  | <b>0.41</b>  | <b>0.39</b>  | <b>0.38</b>  | <b>0.37</b>  | <b>0.41</b>  | <i>0.40</i>  | <i>0.41</i>  | <i>0.39</i>  | <i>0.42</i>  | <i>0.40</i>  | <b>0.39</b>  | <i>0.39</i>  | <i>0.41</i>  |
| Total Consumption .....                                        | <b>10.45</b> | <b>10.12</b> | <b>11.92</b> | <b>10.14</b> | <b>10.60</b> | <b>10.25</b> | <b>11.97</b> | <i>10.24</i> | <i>10.61</i> | <i>10.27</i> | <i>12.09</i> | <i>10.27</i> | <b>10.66</b> | <i>10.77</i> | <i>10.81</i> |
| <b>Prices</b>                                                  |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |
| <b>Power Generation Fuel Costs (dollars per million Btu)</b>   |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |
| Coal .....                                                     | <b>1.76</b>  | <b>1.78</b>  | <b>1.78</b>  | <b>1.79</b>  | <b>1.91</b>  | <b>2.03</b>  | <b>2.03</b>  | <i>1.96</i>  | <i>2.00</i>  | <i>2.01</i>  | <i>1.99</i>  | <i>1.96</i>  | <b>1.78</b>  | <i>1.98</i>  | <i>1.99</i>  |
| Natural Gas .....                                              | <b>7.35</b>  | <b>7.62</b>  | <b>6.55</b>  | <b>7.18</b>  | <b>8.67</b>  | <b>11.14</b> | <b>9.99</b>  | <i>8.32</i>  | <i>8.92</i>  | <i>8.21</i>  | <i>7.54</i>  | <i>7.84</i>  | <b>7.09</b>  | <i>9.63</i>  | <i>8.03</i>  |
| Residual Fuel Oil .....                                        | <b>7.18</b>  | <b>8.36</b>  | <b>8.53</b>  | <b>10.71</b> | <b>13.34</b> | <b>13.97</b> | <b>15.39</b> | <i>14.12</i> | <i>14.09</i> | <i>14.29</i> | <i>13.59</i> | <i>13.09</i> | <b>8.40</b>  | <i>14.38</i> | <i>13.75</i> |
| Distillate Fuel Oil .....                                      | <b>12.44</b> | <b>14.48</b> | <b>14.75</b> | <b>18.96</b> | <b>18.89</b> | <b>24.32</b> | <b>24.31</b> | <i>21.84</i> | <i>22.66</i> | <i>23.78</i> | <i>21.75</i> | <i>20.99</i> | <b>15.17</b> | <i>22.34</i> | <i>22.29</i> |
| <b>End-Use Prices (cents per kilowatthour)</b>                 |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |
| Residential Sector .....                                       | <b>10.0</b>  | <b>10.9</b>  | <b>11.0</b>  | <b>10.6</b>  | <b>10.3</b>  | <b>11.5</b>  | <b>11.9</b>  | <i>11.4</i>  | <i>11.2</i>  | <i>12.5</i>  | <i>13.1</i>  | <i>12.5</i>  | <b>10.6</b>  | <i>11.3</i>  | <i>12.4</i>  |
| Commercial Sector .....                                        | <b>9.3</b>   | <b>9.7</b>   | <b>10.0</b>  | <b>9.6</b>   | <b>9.6</b>   | <b>10.3</b>  | <b>11.0</b>  | <i>10.4</i>  | <i>10.4</i>  | <i>11.1</i>  | <i>11.9</i>  | <i>11.4</i>  | <b>9.7</b>   | <i>10.3</i>  | <i>11.2</i>  |
| Industrial Sector .....                                        | <b>6.1</b>   | <b>6.3</b>   | <b>6.7</b>   | <b>6.3</b>   | <b>6.4</b>   | <b>7.0</b>   | <b>7.4</b>   | <i>6.8</i>   | <i>6.8</i>   | <i>7.5</i>   | <i>8.1</i>   | <i>7.5</i>   | <b>6.4</b>   | <i>6.9</i>   | <i>7.5</i>   |

- = no data available

(a) Electric utilities and independent power producers.

(b) Includes transmission and distribution losses, data collection time-frame differences, and estimation error.

(c) Direct Use represents commercial and industrial facility use of onsite net electricity generation; and electrical sales or transfers to adjacent or collocated facilities for which revenue information is not available. See Table 7.6 of the EIA *Monthly Energy Review*.

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

**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.