

Table 7a. U.S. Electricity Industry Overview

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

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Electricity Supply (billion kilowatthours per day)															
Electricity Generation	11.09	10.97	12.72	10.79	11.14	11.05	<i>12.65</i>	<i>10.90</i>	<i>11.16</i>	<i>11.13</i>	<i>12.83</i>	<i>10.97</i>	11.40	<i>11.44</i>	<i>11.53</i>
Electric Power Sector (a)	10.67	10.56	12.29	10.38	10.73	10.66	<i>12.21</i>	<i>10.47</i>	<i>10.73</i>	<i>10.71</i>	<i>12.39</i>	<i>10.55</i>	10.98	<i>11.02</i>	<i>11.10</i>
Industrial Sector	0.40	0.39	0.41	0.39	0.38	0.37	<i>0.42</i>	<i>0.40</i>	<i>0.41</i>	<i>0.39</i>	<i>0.42</i>	<i>0.40</i>	0.40	<i>0.39</i>	<i>0.41</i>
Commercial Sector	0.02	0.02	0.02	0.02	0.02	0.02	<i>0.03</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.03</i>	<i>0.02</i>	0.02	<i>0.02</i>	<i>0.02</i>
Net Imports	0.07	0.11	0.09	0.07	0.09	0.08	<i>0.10</i>	<i>0.07</i>	<i>0.08</i>	<i>0.08</i>	<i>0.09</i>	<i>0.05</i>	0.09	<i>0.09</i>	<i>0.07</i>
Total Supply	11.16	11.08	12.81	10.86	11.23	11.13	<i>12.75</i>	<i>10.97</i>	<i>11.24</i>	<i>11.21</i>	<i>12.93</i>	<i>11.03</i>	11.48	<i>11.52</i>	<i>11.60</i>
Losses and Unaccounted for (b) ...	0.71	0.95	0.90	0.72	0.64	0.92	<i>0.81</i>	<i>0.74</i>	<i>0.64</i>	<i>0.95</i>	<i>0.86</i>	<i>0.77</i>	0.82	<i>0.77</i>	<i>0.81</i>
Electricity Consumption (billion kilowatthours per day)															
Retail Sales	10.06	9.74	11.51	9.76	10.21	9.84	<i>11.53</i>	<i>9.83</i>	<i>10.19</i>	<i>9.86</i>	<i>11.65</i>	<i>9.86</i>	10.27	<i>10.36</i>	<i>10.39</i>
Residential Sector	3.92	3.34	4.55	3.45	3.96	3.34	<i>4.50</i>	<i>3.49</i>	<i>3.92</i>	<i>3.35</i>	<i>4.54</i>	<i>3.47</i>	3.81	<i>3.82</i>	<i>3.82</i>
Commercial Sector	3.47	3.61	4.09	3.54	3.50	3.67	<i>4.12</i>	<i>3.56</i>	<i>3.53</i>	<i>3.66</i>	<i>4.18</i>	<i>3.61</i>	3.68	<i>3.71</i>	<i>3.75</i>
Industrial Sector	2.65	2.77	2.86	2.74	2.73	2.82	<i>2.89</i>	<i>2.76</i>	<i>2.72</i>	<i>2.83</i>	<i>2.90</i>	<i>2.76</i>	2.76	<i>2.80</i>	<i>2.80</i>
Transportation Sector	0.02	0.02	0.02	0.02	0.02	0.02	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	0.02	<i>0.02</i>	<i>0.02</i>
Direct Use (c)	0.39	0.39	0.41	0.39	0.38	0.37	<i>0.41</i>	<i>0.40</i>	<i>0.40</i>	<i>0.39</i>	<i>0.42</i>	<i>0.40</i>	0.39	<i>0.39</i>	<i>0.40</i>
Total Consumption	10.45	10.12	11.92	10.14	10.60	10.22	<i>11.94</i>	<i>10.23</i>	<i>10.59</i>	<i>10.25</i>	<i>12.07</i>	<i>10.26</i>	10.66	<i>10.75</i>	<i>10.80</i>
Prices															
Power Generation Fuel Costs (dollars per million Btu)															
Coal	1.76	1.78	1.78	1.79	1.91	1.98	<i>1.96</i>	<i>1.93</i>	<i>1.94</i>	<i>1.98</i>	<i>1.96</i>	<i>1.94</i>	1.78	<i>1.95</i>	<i>1.95</i>
Natural Gas	7.35	7.62	6.55	7.18	8.67	10.92	<i>9.36</i>	<i>8.55</i>	<i>9.11</i>	<i>8.31</i>	<i>7.94</i>	<i>8.51</i>	7.09	<i>9.41</i>	<i>8.38</i>
Residual Fuel Oil	7.18	8.36	8.53	10.71	13.34	13.73	<i>15.71</i>	<i>15.17</i>	<i>15.36</i>	<i>15.47</i>	<i>15.25</i>	<i>15.06</i>	8.40	<i>14.66</i>	<i>15.28</i>
Distillate Fuel Oil	12.44	14.48	14.75	18.96	18.89	24.25	<i>24.86</i>	<i>23.85</i>	<i>24.83</i>	<i>25.58</i>	<i>24.85</i>	<i>24.25</i>	15.17	<i>22.97</i>	<i>24.87</i>
End-Use Prices (cents per kilowatthour)															
Residential Sector	10.0	10.9	11.0	10.6	10.3	11.4	<i>11.8</i>	<i>11.4</i>	<i>11.2</i>	<i>12.5</i>	<i>13.0</i>	<i>12.5</i>	10.6	<i>11.2</i>	<i>12.3</i>
Commercial Sector	9.3	9.7	10.0	9.6	9.6	10.2	<i>10.8</i>	<i>10.3</i>	<i>10.3</i>	<i>11.1</i>	<i>11.9</i>	<i>11.5</i>	9.7	<i>10.2</i>	<i>11.2</i>
Industrial Sector	6.1	6.3	6.7	6.3	6.4	6.9	<i>7.2</i>	<i>6.8</i>	<i>6.7</i>	<i>7.3</i>	<i>7.9</i>	<i>7.5</i>	6.4	<i>6.8</i>	<i>7.4</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.