

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

U.S. Energy Information Administration | Short-Term Energy Outlook - March 2018

	2017				2018				2019				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2017	2018	2019
<b>Electricity Supply (billion kilowatthours per day)</b>															
Electricity Generation .....	<b>10.58</b>	<b>10.69</b>	<b>12.15</b>	<b>10.57</b>	<i>10.89</i>	<i>10.87</i>	<i>12.38</i>	<i>10.54</i>	<i>11.11</i>	<i>10.96</i>	<i>12.50</i>	<i>10.63</i>	<b>11.00</b>	<i>11.17</i>	<i>11.30</i>
Electric Power Sector (a) .....	<b>10.15</b>	<b>10.27</b>	<b>11.71</b>	<b>10.14</b>	<i>10.46</i>	<i>10.44</i>	<i>11.93</i>	<i>10.11</i>	<i>10.66</i>	<i>10.52</i>	<i>12.03</i>	<i>10.18</i>	<b>10.57</b>	<i>10.74</i>	<i>10.85</i>
Comm. and Indus. Sectors (b) .....	<b>0.43</b>	<b>0.42</b>	<b>0.44</b>	<b>0.42</b>	<i>0.43</i>	<i>0.43</i>	<i>0.46</i>	<i>0.44</i>	<i>0.45</i>	<i>0.45</i>	<i>0.47</i>	<i>0.45</i>	<b>0.43</b>	<i>0.44</i>	<i>0.45</i>
Net Imports .....	<b>0.15</b>	<b>0.15</b>	<b>0.17</b>	<b>0.13</b>	<i>0.17</i>	<i>0.19</i>	<i>0.20</i>	<i>0.16</i>	<i>0.16</i>	<i>0.17</i>	<i>0.19</i>	<i>0.15</i>	<b>0.15</b>	<i>0.18</i>	<i>0.17</i>
Total Supply .....	<b>10.73</b>	<b>10.84</b>	<b>12.32</b>	<b>10.70</b>	<i>11.06</i>	<i>11.06</i>	<i>12.59</i>	<i>10.70</i>	<i>11.27</i>	<i>11.13</i>	<i>12.69</i>	<i>10.78</i>	<b>11.15</b>	<i>11.35</i>	<i>11.47</i>
Losses and Unaccounted for (c) .....	<b>0.59</b>	<b>0.76</b>	<b>0.66</b>	<b>0.72</b>	<i>0.44</i>	<i>0.82</i>	<i>0.72</i>	<i>0.67</i>	<i>0.59</i>	<i>0.83</i>	<i>0.73</i>	<i>0.67</i>	<b>0.68</b>	<i>0.66</i>	<i>0.71</i>
<b>Electricity Consumption (billion kilowatthours per day unless noted)</b>															
Retail Sales .....	<b>9.75</b>	<b>9.70</b>	<b>11.28</b>	<b>9.60</b>	<i>10.24</i>	<i>9.86</i>	<i>11.46</i>	<i>9.65</i>	<i>10.29</i>	<i>9.90</i>	<i>11.54</i>	<i>9.71</i>	<b>10.09</b>	<i>10.30</i>	<i>10.36</i>
Residential Sector .....	<b>3.71</b>	<b>3.43</b>	<b>4.46</b>	<b>3.51</b>	<i>4.04</i>	<i>3.52</i>	<i>4.56</i>	<i>3.52</i>	<i>4.06</i>	<i>3.53</i>	<i>4.60</i>	<i>3.55</i>	<b>3.78</b>	<i>3.91</i>	<i>3.93</i>
Commercial Sector .....	<b>3.51</b>	<b>3.64</b>	<b>4.08</b>	<b>3.55</b>	<i>3.57</i>	<i>3.67</i>	<i>4.12</i>	<i>3.56</i>	<i>3.58</i>	<i>3.69</i>	<i>4.15</i>	<i>3.58</i>	<b>3.70</b>	<i>3.73</i>	<i>3.75</i>
Industrial Sector .....	<b>2.50</b>	<b>2.62</b>	<b>2.72</b>	<b>2.53</b>	<i>2.61</i>	<i>2.65</i>	<i>2.76</i>	<i>2.55</i>	<i>2.63</i>	<i>2.67</i>	<i>2.78</i>	<i>2.56</i>	<b>2.59</b>	<i>2.64</i>	<i>2.66</i>
Transportation Sector .....	<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>	<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 (d) .....	<b>0.38</b>	<b>0.37</b>	<b>0.38</b>	<b>0.37</b>	<i>0.38</i>	<i>0.38</i>	<i>0.40</i>	<i>0.38</i>	<i>0.39</i>	<i>0.39</i>	<i>0.42</i>	<i>0.40</i>	<b>0.38</b>	<i>0.39</i>	<i>0.40</i>
Total Consumption .....	<b>10.13</b>	<b>10.08</b>	<b>11.66</b>	<b>9.98</b>	<i>10.62</i>	<i>10.24</i>	<i>11.86</i>	<i>10.03</i>	<i>10.69</i>	<i>10.30</i>	<i>11.96</i>	<i>10.10</i>	<b>10.47</b>	<i>10.69</i>	<i>10.76</i>
Average residential electricity usage per customer (kWh) .....	<b>2,532</b>	<b>2,365</b>	<b>3,109</b>	<b>2,446</b>	<i>2,681</i>	<i>2,399</i>	<i>3,143</i>	<i>2,427</i>	<i>2,700</i>	<i>2,373</i>	<i>3,125</i>	<i>2,415</i>	<b>10,453</b>	<i>10,650</i>	<i>10,612</i>
<b>Prices</b>															
<b>Power Generation Fuel Costs (dollars per million Btu)</b>															
Coal .....	<b>2.08</b>	<b>2.12</b>	<b>2.07</b>	<b>2.04</b>	<i>2.20</i>	<i>2.20</i>	<i>2.21</i>	<i>2.19</i>	<i>2.21</i>	<i>2.19</i>	<i>2.22</i>	<i>2.18</i>	<b>2.08</b>	<i>2.20</i>	<i>2.20</i>
Natural Gas .....	<b>3.69</b>	<b>3.38</b>	<b>3.19</b>	<b>3.39</b>	<i>3.82</i>	<i>3.10</i>	<i>3.26</i>	<i>3.57</i>	<i>3.82</i>	<i>3.21</i>	<i>3.28</i>	<i>3.51</i>	<b>3.39</b>	<i>3.41</i>	<i>3.43</i>
Residual Fuel Oil .....	<b>11.16</b>	<b>10.60</b>	<b>10.03</b>	<b>10.95</b>	<i>12.26</i>	<i>12.73</i>	<i>11.63</i>	<i>11.25</i>	<i>11.49</i>	<i>12.14</i>	<i>11.68</i>	<i>11.64</i>	<b>10.68</b>	<i>12.00</i>	<i>11.71</i>
Distillate Fuel Oil .....	<b>12.74</b>	<b>12.23</b>	<b>13.13</b>	<b>14.72</b>	<i>16.06</i>	<i>15.16</i>	<i>14.81</i>	<i>14.83</i>	<i>14.60</i>	<i>14.73</i>	<i>15.07</i>	<i>15.39</i>	<b>13.32</b>	<i>15.47</i>	<i>14.93</i>
<b>Retail Prices (cents per kilowatthour)</b>															
Residential Sector .....	<b>12.59</b>	<b>12.99</b>	<b>13.19</b>	<b>12.75</b>	<i>12.71</i>	<i>13.29</i>	<i>13.48</i>	<i>13.15</i>	<i>13.18</i>	<i>13.77</i>	<i>13.87</i>	<i>13.44</i>	<b>12.90</b>	<i>13.17</i>	<i>13.57</i>
Commercial Sector .....	<b>10.39</b>	<b>10.68</b>	<b>11.03</b>	<b>10.56</b>	<i>10.49</i>	<i>10.85</i>	<i>11.31</i>	<i>10.87</i>	<i>10.68</i>	<i>10.93</i>	<i>11.31</i>	<i>10.92</i>	<b>10.68</b>	<i>10.90</i>	<i>10.97</i>
Industrial Sector .....	<b>6.64</b>	<b>6.89</b>	<b>7.27</b>	<b>6.79</b>	<i>6.81</i>	<i>7.03</i>	<i>7.50</i>	<i>7.02</i>	<i>6.86</i>	<i>7.11</i>	<i>7.60</i>	<i>7.10</i>	<b>6.91</b>	<i>7.10</i>	<i>7.18</i>

- = no data available. kWh = kilowatthours. Btu = British thermal units.

Prices are not adjusted for inflation.

(a) Generation supplied by electricity-only and combined-heat-and-power (CHP) plants operated by electric utilities and independent power producers.

(b) Generation supplied by CHP and electricity-only plants operated by businesses in the commercial and industrial sectors, primarily for onsite use.

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

 (d) 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:** EIA Regional Short-Term Energy Model.