

**Table 7d. U.S. Regional Electricity Generation, All Sectors (Thousand megawatthours per day)**

U.S. Energy Information Administration | Short-Term Energy Outlook - May 2019

	2018				2019				2020				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2018	2019	2020
<b>United States</b>															
Coal .....	<b>3,127</b>	<b>2,859</b>	<b>3,559</b>	<b>3,014</b>	<b>2,886</b>	2,330	3,083	2,620	2,642	2,153	2,863	2,391	<b>3,141</b>	2,730	2,513
Natural Gas .....	<b>3,455</b>	<b>3,806</b>	<b>5,135</b>	<b>3,677</b>	<b>3,765</b>	3,884	5,098	3,728	3,780	4,052	5,264	3,833	<b>4,022</b>	4,122	4,234
Petroleum (a) .....	<b>102</b>	<b>53</b>	<b>62</b>	<b>53</b>	<b>60</b>	55	63	55	67	55	62	55	<b>67</b>	58	60
Other Gases .....	<b>34</b>	<b>32</b>	<b>36</b>	<b>31</b>	<b>34</b>	32	36	31	34	33	37	31	<b>33</b>	33	34
Nuclear .....	<b>2,294</b>	<b>2,155</b>	<b>2,277</b>	<b>2,120</b>	<b>2,262</b>	2,122	2,254	2,108	2,229	2,070	2,203	2,076	<b>2,211</b>	2,186	2,144
Renewable Energy Sources:	<b>2,093</b>	<b>2,212</b>	<b>1,718</b>	<b>1,794</b>	<b>2,029</b>	2,314	1,871	2,017	2,219	2,439	2,029	2,190	<b>1,953</b>	2,057	2,219
Conventional Hydropower .....	<b>856</b>	<b>944</b>	<b>697</b>	<b>703</b>	<b>800</b>	943	730	681	795	892	742	689	<b>799</b>	788	779
Wind .....	<b>869</b>	<b>822</b>	<b>582</b>	<b>744</b>	<b>862</b>	914	676	949	1,027	1,040	765	1,072	<b>753</b>	850	976
Wood Biomass .....	<b>119</b>	<b>112</b>	<b>115</b>	<b>108</b>	<b>113</b>	112	120	113	114	113	120	114	<b>113</b>	115	115
Waste Biomass .....	<b>61</b>	<b>58</b>	<b>57</b>	<b>58</b>	<b>56</b>	56	57	57	56	57	57	57	<b>59</b>	57	57
Geothermal .....	<b>46</b>	<b>44</b>	<b>46</b>	<b>47</b>	<b>47</b>	44	44	44	44	43	44	46	<b>46</b>	45	44
Solar .....	<b>141</b>	<b>232</b>	<b>222</b>	<b>134</b>	<b>150</b>	244	245	173	183	294	302	214	<b>182</b>	203	248
Pumped Storage Hydropower .....	<b>-15</b>	<b>-13</b>	<b>-22</b>	<b>-15</b>	<b>-12</b>	-12	-18	-14	-14	-12	-18	-14	<b>-16</b>	-14	-15
Other Nonrenewable Fuels (b) .....	<b>36</b>	<b>35</b>	<b>32</b>	<b>36</b>	<b>35</b>	36	36	36	35	36	36	36	<b>35</b>	36	36
Total Generation .....	<b>11,127</b>	<b>11,141</b>	<b>12,796</b>	<b>10,710</b>	<b>11,060</b>	10,762	12,425	10,580	10,992	10,825	12,476	10,597	<b>11,446</b>	11,209	11,224
<b>Northeast Census Region</b>															
Coal .....	<b>149</b>	<b>120</b>	<b>132</b>	<b>115</b>	<b>133</b>	59	69	103	142	50	55	76	<b>129</b>	91	81
Natural Gas .....	<b>500</b>	<b>527</b>	<b>783</b>	<b>562</b>	<b>601</b>	611	792	602	617	656	823	628	<b>594</b>	652	681
Petroleum (a) .....	<b>32</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>7</b>	2	4	4	9	2	4	5	<b>10</b>	4	5
Other Gases .....	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>	1	2	2	2	1	2	2	<b>2</b>	2	2
Nuclear .....	<b>552</b>	<b>507</b>	<b>525</b>	<b>497</b>	<b>535</b>	474	502	456	483	438	463	437	<b>520</b>	492	455
Hydropower (c) .....	<b>108</b>	<b>114</b>	<b>106</b>	<b>121</b>	<b>121</b>	119	107	106	107	106	102	103	<b>112</b>	113	105
Other Renewables (d) .....	<b>80</b>	<b>76</b>	<b>71</b>	<b>72</b>	<b>78</b>	77	70	84	87	80	72	86	<b>75</b>	77	81
Other Nonrenewable Fuels (b) .....	<b>11</b>	<b>10</b>	<b>11</b>	<b>11</b>	<b>11</b>	11	12	12	11	11	12	12	<b>11</b>	11	11
Total Generation .....	<b>1,435</b>	<b>1,359</b>	<b>1,634</b>	<b>1,381</b>	<b>1,488</b>	1,354	1,559	1,368	1,458	1,345	1,533	1,348	<b>1,452</b>	1,442	1,421
<b>South Census Region</b>															
Coal .....	<b>1,262</b>	<b>1,260</b>	<b>1,529</b>	<b>1,213</b>	<b>1,058</b>	1,032	1,327	1,038	1,005	919	1,212	924	<b>1,316</b>	1,114	1,015
Natural Gas .....	<b>2,049</b>	<b>2,345</b>	<b>2,932</b>	<b>2,081</b>	<b>2,114</b>	2,337	2,924	2,098	2,122	2,425	3,020	2,168	<b>2,353</b>	2,370	2,435
Petroleum (a) .....	<b>39</b>	<b>21</b>	<b>26</b>	<b>20</b>	<b>23</b>	24	27	22	28	24	27	21	<b>26</b>	24	25
Other Gases .....	<b>13</b>	<b>12</b>	<b>14</b>	<b>12</b>	<b>13</b>	13	14	12	13	12	13	12	<b>13</b>	13	13
Nuclear .....	<b>1,008</b>	<b>952</b>	<b>1,010</b>	<b>936</b>	<b>997</b>	969	1,026	967	1,023	960	1,031	971	<b>976</b>	990	996
Hydropower (c) .....	<b>114</b>	<b>127</b>	<b>112</b>	<b>165</b>	<b>159</b>	132	113	143	140	118	107	139	<b>130</b>	137	126
Other Renewables (d) .....	<b>451</b>	<b>494</b>	<b>375</b>	<b>402</b>	<b>468</b>	519	431	493	544	610	512	566	<b>430</b>	478	558
Other Nonrenewable Fuels (b) .....	<b>16</b>	<b>16</b>	<b>11</b>	<b>15</b>	<b>16</b>	15	15	15	15	15	14	15	<b>15</b>	15	15
Total Generation .....	<b>4,952</b>	<b>5,227</b>	<b>6,008</b>	<b>4,844</b>	<b>4,848</b>	5,041	5,876	4,789	4,889	5,083	5,936	4,816	<b>5,260</b>	5,140	5,182
<b>Midwest Census Region</b>															
Coal .....	<b>1,303</b>	<b>1,140</b>	<b>1,386</b>	<b>1,188</b>	<b>1,224</b>	935	1,224	1,015	1,091	896	1,180	963	<b>1,255</b>	1,099	1,033
Natural Gas .....	<b>403</b>	<b>441</b>	<b>549</b>	<b>389</b>	<b>454</b>	447	585	400	442	454	613	403	<b>446</b>	472	478
Petroleum (a) .....	<b>10</b>	<b>7</b>	<b>9</b>	<b>8</b>	<b>9</b>	9	10	8	9	9	10	7	<b>8</b>	9	9
Other Gases .....	<b>13</b>	<b>12</b>	<b>14</b>	<b>12</b>	<b>14</b>	12	14	12	14	12	15	12	<b>13</b>	13	13
Nuclear .....	<b>571</b>	<b>539</b>	<b>569</b>	<b>535</b>	<b>564</b>	521	558	526	556	515	540	509	<b>553</b>	542	530
Hydropower (c) .....	<b>57</b>	<b>58</b>	<b>36</b>	<b>40</b>	<b>51</b>	62	38	35	44	55	36	34	<b>48</b>	46	42
Other Renewables (d) .....	<b>367</b>	<b>303</b>	<b>234</b>	<b>320</b>	<b>365</b>	374	273	442	466	436	319	511	<b>306</b>	364	433
Other Nonrenewable Fuels (b) .....	<b>4</b>	<b>3</b>	<b>4</b>	<b>4</b>	<b>3</b>	4	4	4	4	4	4	4	<b>4</b>	4	4
Total Generation .....	<b>2,727</b>	<b>2,505</b>	<b>2,802</b>	<b>2,495</b>	<b>2,684</b>	2,364	2,706	2,441	2,628	2,381	2,717	2,444	<b>2,632</b>	2,549	2,543
<b>West Census Region</b>															
Coal .....	<b>413</b>	<b>339</b>	<b>512</b>	<b>497</b>	<b>471</b>	304	463	464	403	289	416	427	<b>441</b>	426	384
Natural Gas .....	<b>503</b>	<b>493</b>	<b>870</b>	<b>644</b>	<b>595</b>	489	797	627	599	516	809	633	<b>629</b>	628	640
Petroleum (a) .....	<b>21</b>	<b>21</b>	<b>24</b>	<b>24</b>	<b>21</b>	20	22	22	21	20	21	21	<b>23</b>	21	21
Other Gases .....	<b>7</b>	<b>7</b>	<b>7</b>	<b>6</b>	<b>5</b>	6	6	6	5	6	7	6	<b>6</b>	6	6
Nuclear .....	<b>164</b>	<b>158</b>	<b>173</b>	<b>152</b>	<b>167</b>	158	168	158	167	157	169	159	<b>162</b>	163	163
Hydropower (c) .....	<b>562</b>	<b>632</b>	<b>420</b>	<b>363</b>	<b>458</b>	618	454	383	490	600	478	399	<b>493</b>	478	491
Other Renewables (d) .....	<b>338</b>	<b>395</b>	<b>340</b>	<b>297</b>	<b>317</b>	402	366	317	327	422	385	338	<b>343</b>	351	368
Other Nonrenewable Fuels (b) .....	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>5</b>	6	6	6	6	6	6	6	<b>6</b>	6	6
Total Generation .....	<b>2,013</b>	<b>2,050</b>	<b>2,352</b>	<b>1,990</b>	<b>2,041</b>	2,003	2,283	1,983	2,017	2,016	2,290	1,989	<b>2,102</b>	2,078	2,078

(a) Residual fuel oil, distillate fuel oil, petroleum coke, and other petroleum liquids.

(b) Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, nonrenewable waste, and miscellaneous technologies.

(c) Conventional hydroelectric and pumped storage generation.

(d) Wind, biomass, geothermal, and solar generation.

**Notes:** Data reflect generation supplied by electricity-only and combined-heat-and-power (CHP) plants operated by electric utilities, independent power producers, and the commercial and industrial sectors. 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 U.S. Energy Information Administration *Electric Power Monthly* and *Electric Power Annual*.

**Projections:** EIA Regional Short-Term Energy Model.