

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

U.S. Energy Information Administration | Short-Term Energy Outlook - December 2016

	2015				2016				2017				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2015	2016	2017
United States															
Coal	4,088	3,508	4,258	2,973	3,058	2,965	4,203	3,384	<i>3,554</i>	<i>3,216</i>	<i>3,940</i>	<i>3,413</i>	3,705	<i>3,405</i>	<i>3,532</i>
Natural Gas	3,249	3,470	4,383	3,500	3,429	3,767	4,700	3,360	<i>3,245</i>	<i>3,556</i>	<i>4,515</i>	<i>3,438</i>	3,653	<i>3,815</i>	<i>3,691</i>
Petroleum (a)	123	61	70	56	68	63	72	63	<i>75</i>	<i>68</i>	<i>76</i>	<i>67</i>	77	<i>66</i>	<i>72</i>
Other Gases	37	35	40	32	40	35	35	33	<i>42</i>	<i>36</i>	<i>35</i>	<i>34</i>	36	<i>36</i>	<i>37</i>
Nuclear	2,248	2,133	2,286	2,070	2,245	2,155	2,253	2,065	<i>2,232</i>	<i>2,053</i>	<i>2,272</i>	<i>2,129</i>	2,184	<i>2,180</i>	<i>2,172</i>
Renewable Energy Sources:	1,559	1,519	1,360	1,527	1,799	1,743	1,484	1,644	<i>1,733</i>	<i>1,926</i>	<i>1,653</i>	<i>1,633</i>	1,491	<i>1,667</i>	<i>1,736</i>
Conventional Hydropower	786	692	611	643	841	810	618	698	<i>732</i>	<i>818</i>	<i>723</i>	<i>614</i>	682	<i>742</i>	<i>722</i>
Wind	504	532	443	610	665	612	517	627	<i>669</i>	<i>713</i>	<i>523</i>	<i>684</i>	523	<i>605</i>	<i>647</i>
Wood Biomass	117	111	120	111	114	104	116	115	<i>119</i>	<i>112</i>	<i>124</i>	<i>119</i>	115	<i>112</i>	<i>118</i>
Waste Biomass	55	58	62	62	60	61	61	60	<i>58</i>	<i>58</i>	<i>58</i>	<i>59</i>	59	<i>60</i>	<i>58</i>
Geothermal	45	44	42	44	47	46	47	48	<i>48</i>	<i>47</i>	<i>47</i>	<i>47</i>	44	<i>47</i>	<i>47</i>
Solar	52	82	82	57	72	110	125	84	<i>92</i>	<i>165</i>	<i>159</i>	<i>98</i>	68	<i>98</i>	<i>129</i>
Pumped Storage Hydropower	-16	-11	-18	-11	-12	-14	-26	-17	<i>-13</i>	<i>-12</i>	<i>-17</i>	<i>-15</i>	-14	<i>-17</i>	<i>-14</i>
Other Nonrenewable Fuels (b)	35	38	41	39	36	39	39	38	<i>36</i>	<i>38</i>	<i>40</i>	<i>39</i>	38	<i>38</i>	<i>38</i>
Total Generation	11,324	10,754	12,420	10,187	10,663	10,753	12,760	10,570	<i>10,904</i>	<i>10,882</i>	<i>12,515</i>	<i>10,739</i>	11,172	<i>11,189</i>	<i>11,263</i>
Northeast Census Region															
Coal	290	172	199	137	161	141	203	169	<i>217</i>	<i>134</i>	<i>161</i>	<i>155</i>	199	<i>169</i>	<i>167</i>
Natural Gas	480	534	718	538	512	599	795	534	<i>523</i>	<i>579</i>	<i>727</i>	<i>536</i>	568	<i>610</i>	<i>592</i>
Petroleum (a)	47	2	4	2	7	3	6	5	<i>9</i>	<i>5</i>	<i>6</i>	<i>5</i>	14	<i>5</i>	<i>6</i>
Other Gases	2	2	2	2	2	2	2	2	<i>2</i>	<i>2</i>	<i>2</i>	<i>2</i>	2	<i>2</i>	<i>2</i>
Nuclear	545	499	542	499	543	461	516	501	<i>527</i>	<i>486</i>	<i>542</i>	<i>508</i>	521	<i>505</i>	<i>515</i>
Hydropower (c)	87	100	92	93	111	94	78	96	<i>100</i>	<i>98</i>	<i>84</i>	<i>96</i>	93	<i>95</i>	<i>94</i>
Other Renewables (d)	73	62	56	71	76	62	60	76	<i>82</i>	<i>72</i>	<i>69</i>	<i>82</i>	66	<i>68</i>	<i>76</i>
Other Nonrenewable Fuels (b)	11	11	12	12	11	12	12	12	<i>11</i>	<i>12</i>	<i>12</i>	<i>12</i>	12	<i>12</i>	<i>12</i>
Total Generation	1,535	1,383	1,624	1,354	1,424	1,374	1,673	1,394	<i>1,471</i>	<i>1,387</i>	<i>1,603</i>	<i>1,395</i>	1,474	<i>1,466</i>	<i>1,464</i>
South Census Region															
Coal	1,716	1,542	1,902	1,163	1,270	1,345	1,950	1,340	<i>1,457</i>	<i>1,481</i>	<i>1,803</i>	<i>1,332</i>	1,580	<i>1,477</i>	<i>1,519</i>
Natural Gas	1,966	2,078	2,464	1,976	2,013	2,235	2,642	1,913	<i>1,843</i>	<i>2,130</i>	<i>2,540</i>	<i>1,918</i>	2,122	<i>2,201</i>	<i>2,109</i>
Petroleum (a)	42	24	28	21	29	30	35	24	<i>30</i>	<i>29</i>	<i>31</i>	<i>24</i>	29	<i>30</i>	<i>28</i>
Other Gases	15	13	15	14	15	13	14	15	<i>15</i>	<i>13</i>	<i>14</i>	<i>15</i>	15	<i>14</i>	<i>14</i>
Nuclear	974	956	1,001	872	951	998	994	909	<i>996</i>	<i>920</i>	<i>1,025</i>	<i>961</i>	951	<i>963</i>	<i>976</i>
Hydropower (c)	124	104	89	149	190	84	71	133	<i>162</i>	<i>86</i>	<i>79</i>	<i>135</i>	116	<i>119</i>	<i>116</i>
Other Renewables (d)	229	266	254	288	327	305	304	332	<i>355</i>	<i>385</i>	<i>319</i>	<i>370</i>	259	<i>317</i>	<i>357</i>
Other Nonrenewable Fuels (b)	16	17	18	18	16	18	18	17	<i>16</i>	<i>17</i>	<i>18</i>	<i>17</i>	17	<i>17</i>	<i>17</i>
Total Generation	5,081	5,002	5,771	4,501	4,812	5,028	6,028	4,681	<i>4,874</i>	<i>5,062</i>	<i>5,830</i>	<i>4,772</i>	5,089	<i>5,138</i>	<i>5,136</i>
Midwest Census Region															
Coal	1,577	1,298	1,572	1,161	1,201	1,109	1,498	1,286	<i>1,338</i>	<i>1,186</i>	<i>1,499</i>	<i>1,311</i>	1,402	<i>1,274</i>	<i>1,334</i>
Natural Gas	298	252	330	281	357	368	454	298	<i>328</i>	<i>334</i>	<i>427</i>	<i>309</i>	291	<i>369</i>	<i>350</i>
Petroleum (a)	12	11	13	9	10	9	8	10	<i>12</i>	<i>11</i>	<i>13</i>	<i>10</i>	11	<i>9</i>	<i>11</i>
Other Gases	14	14	15	9	16	13	14	10	<i>17</i>	<i>14</i>	<i>14</i>	<i>11</i>	13	<i>13</i>	<i>14</i>
Nuclear	553	528	570	547	573	543	572	501	<i>545</i>	<i>495</i>	<i>536</i>	<i>502</i>	550	<i>547</i>	<i>520</i>
Hydropower (c)	38	52	48	45	48	43	39	35	<i>39</i>	<i>41</i>	<i>39</i>	<i>35</i>	46	<i>41</i>	<i>38</i>
Other Renewables (d)	249	217	167	278	281	245	185	277	<i>294</i>	<i>278</i>	<i>201</i>	<i>297</i>	228	<i>247</i>	<i>267</i>
Other Nonrenewable Fuels (b)	4	5	5	4	4	4	4	4	<i>4</i>	<i>4</i>	<i>5</i>	<i>4</i>	4	<i>4</i>	<i>4</i>
Total Generation	2,745	2,377	2,721	2,337	2,492	2,335	2,774	2,421	<i>2,576</i>	<i>2,364</i>	<i>2,734</i>	<i>2,480</i>	2,544	<i>2,506</i>	<i>2,539</i>
West Census Region															
Coal	505	495	586	511	426	370	552	589	<i>542</i>	<i>414</i>	<i>476</i>	<i>615</i>	524	<i>485</i>	<i>512</i>
Natural Gas	505	606	871	705	546	566	809	615	<i>551</i>	<i>512</i>	<i>821</i>	<i>675</i>	673	<i>634</i>	<i>641</i>
Petroleum (a)	22	23	25	23	21	20	23	25	<i>25</i>	<i>24</i>	<i>26</i>	<i>28</i>	23	<i>22</i>	<i>25</i>
Other Gases	7	6	7	6	7	6	5	6	<i>7</i>	<i>7</i>	<i>5</i>	<i>6</i>	7	<i>6</i>	<i>6</i>
Nuclear	176	149	172	152	178	152	172	154	<i>164</i>	<i>152</i>	<i>169</i>	<i>158</i>	162	<i>164</i>	<i>161</i>
Hydropower (c)	521	426	364	344	480	575	404	418	<i>418</i>	<i>581</i>	<i>504</i>	<i>333</i>	413	<i>469</i>	<i>459</i>
Other Renewables (d)	223	281	272	248	273	322	316	261	<i>271</i>	<i>374</i>	<i>341</i>	<i>271</i>	256	<i>293</i>	<i>314</i>
Other Nonrenewable Fuels (b)	5	5	6	5	4	5	5	6	<i>5</i>	<i>5</i>	<i>6</i>	<i>6</i>	5	<i>5</i>	<i>5</i>
Total Generation	1,963	1,992	2,303	1,995	1,936	2,016	2,285	2,074	<i>1,983</i>	<i>2,069</i>	<i>2,348</i>	<i>2,092</i>	2,064	<i>2,078</i>	<i>2,124</i>

(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.