

Table 7d. U.S. Electricity Generation by Fuel and Sector (Billion Kilowatthours per day)

Energy Information Administration/Short-Term Energy Outlook - October 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Electric Power Sector (a)															
Coal	5.571	5.167	5.721	5.138	4.973	4.449	5.073	4.873	5.093	4.513	5.191	4.918	5.399	4.843	4.929
Natural Gas	1.902	2.079	2.791	1.951	1.958	2.148	3.055	2.121	1.850	2.068	3.095	2.149	2.182	2.323	2.293
Other Gases	0.010	0.010	0.009	0.007	0.007	0.008	0.009	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.010
Petroleum	0.113	0.120	0.122	0.107	0.130	0.094	0.102	0.102	0.118	0.110	0.116	0.105	0.116	0.107	0.112
Residual Fuel Oil	0.052	0.066	0.070	0.055	0.067	0.041	0.043	0.037	0.042	0.042	0.040	0.034	0.060	0.047	0.040
Distillate Fuel Oil	0.022	0.018	0.015	0.015	0.024	0.016	0.014	0.013	0.020	0.014	0.013	0.015	0.017	0.017	0.016
Petroleum Coke	0.036	0.034	0.035	0.035	0.035	0.035	0.042	0.050	0.052	0.053	0.061	0.054	0.035	0.041	0.055
Other Petroleum	0.004	0.003	0.003	0.003	0.005	0.003	0.002	0.002	0.003	0.001	0.002	0.002	0.003	0.003	0.002
Nuclear	2.204	2.115	2.326	2.164	2.274	2.130	2.278	2.150	2.259	2.185	2.324	2.156	2.203	2.208	2.231
Pumped Storage Hydroelectric	-0.019	-0.012	-0.021	-0.016	-0.012	-0.010	-0.015	-0.016	-0.015	-0.015	-0.016	-0.016	-0.017	-0.013	-0.016
Other Fuels (b)	0.018	0.020	0.019	0.018	0.018	0.019	0.020	0.019	0.018	0.018	0.020	0.019	0.019	0.019	0.019
Renewables:															
Conventional Hydroelectric	0.649	0.832	0.657	0.552	0.690	0.908	0.657	0.591	0.744	0.863	0.668	0.598	0.672	0.711	0.718
Geothermal	0.039	0.041	0.042	0.041	0.041	0.039	0.041	0.042	0.042	0.042	0.044	0.043	0.041	0.040	0.043
Solar	0.001	0.003	0.003	0.001	0.001	0.003	0.003	0.001	0.002	0.004	0.005	0.002	0.002	0.002	0.003
Wind	0.138	0.166	0.105	0.160	0.188	0.192	0.147	0.151	0.228	0.240	0.182	0.187	0.142	0.169	0.209
Wood and Wood Waste	0.031	0.027	0.032	0.030	0.030	0.027	0.032	0.031	0.032	0.028	0.033	0.032	0.030	0.030	0.031
Other Renewables	0.039	0.043	0.040	0.040	0.039	0.041	0.042	0.043	0.045	0.047	0.050	0.049	0.041	0.041	0.048
Subtotal Electric Power Sector	10.696	10.611	11.848	10.193	10.338	10.046	11.444	10.119	10.424	10.114	11.723	10.253	10.838	10.489	10.631
Commercial Sector (c)															
Coal	0.003	0.003	0.004	0.003	0.003	0.003	0.004	0.003	0.004	0.003	0.004	0.003	0.003	0.003	0.004
Natural Gas	0.012	0.010	0.012	0.011	0.011	0.011	0.013	0.012	0.011	0.011	0.013	0.012	0.011	0.012	0.012
Petroleum	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.001
Other Fuels (b)	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Renewables (d)	0.004	0.005	0.005	0.004	0.004	0.005	0.005	0.004	0.004	0.005	0.005	0.004	0.004	0.004	0.004
Subtotal Commercial Sector	0.021	0.022	0.023	0.021	0.021	0.021	0.025	0.023	0.022	0.022	0.024	0.022	0.022	0.023	0.023
Industrial Sector (c)															
Coal	0.046	0.047	0.050	0.043	0.041	0.040	0.044	0.044	0.045	0.044	0.046	0.045	0.046	0.042	0.045
Natural Gas	0.213	0.201	0.207	0.191	0.201	0.193	0.212	0.192	0.199	0.181	0.198	0.190	0.203	0.200	0.192
Other Gases	0.025	0.024	0.025	0.017	0.018	0.018	0.024	0.018	0.018	0.018	0.023	0.018	0.023	0.020	0.019
Petroleum	0.009	0.007	0.008	0.008	0.010	0.008	0.008	0.009	0.010	0.007	0.008	0.009	0.008	0.009	0.009
Other Fuels (b)	0.007	0.008	0.008	0.006	0.008	0.010	0.009	0.006	0.008	0.010	0.008	0.006	0.007	0.008	0.008
Renewables:															
Conventional Hydroelectric	0.008	0.005	0.004	0.004	0.005	0.006	0.004	0.004	0.005	0.006	0.004	0.004	0.005	0.005	0.005
Wood and Wood Waste	0.077	0.076	0.079	0.073	0.071	0.069	0.078	0.074	0.071	0.066	0.074	0.074	0.076	0.073	0.072
Other Renewables (e)	0.002	0.002	0.002	0.001	0.002	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.002	0.001	0.001
Subtotal Industrial Sector	0.385	0.372	0.383	0.343	0.356	0.345	0.380	0.349	0.359	0.334	0.363	0.347	0.371	0.358	0.351
Total All Sectors	11.103	11.004	12.253	10.557	10.715	10.413	11.849	10.491	10.806	10.470	12.110	10.622	11.230	10.869	11.005

- = no data available

(a) Electric utilities and independent power producers.

(b) "Other" includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies.

(c) Commercial and industrial sectors include electricity output from combined heat and power (CHP) facilities and some electric-only plants.

(d) "Renewables" in commercial sector includes wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind.

(e) "Other Renewables" in industrial sector includes black liquor, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind.

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

Values of 0.000 may indicate positive levels of generation that are less than 0.0005 billion kilowatthours per day.

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.