

Table 7a. U.S. Electricity Industry Overview

U.S. Energy Information Administration | Short-Term Energy Outlook - May 2025

	2024				2025				2026				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2024	2025	2026
Electricity supply (billion kilowatthours)															
Total utility-scale power supply	1,027	1,046	1,220	1,024	1,078	1,052	1,253	1,043	1,064	1,067	1,269	1,054	4,318	4,427	4,454
Electricity generation (a)	1,026	1,045	1,214	1,020	1,073	1,049	1,246	1,041	1,061	1,065	1,262	1,053	4,304	4,409	4,441
Electric power sector	987	1,008	1,174	982	1,034	1,011	1,205	1,002	1,023	1,026	1,221	1,014	4,151	4,252	4,284
Industrial sector	35	33	35	33	35	34	36	35	34	34	36	35	137	140	139
Commercial sector	4	4	4	4	4	4	5	4	4	4	5	4	16	17	18
Net imports	2	1	7	5	6	3	7	2	3	3	6	2	14	18	13
Small-scale solar generation (c)	17	25	25	17	19	28	28	19	22	32	32	22	85	95	107
Residential sector	12	17	17	12	13	19	19	13	14	22	21	15	58	65	72
Commercial sector	5	7	7	4	5	7	8	5	6	9	9	6	22	25	29
Industrial sector	1	1	1	1	1	2	2	1	1	2	2	1	5	5	6
Losses and Unaccounted for (b)	50	61	53	56	57	56	55	54	48	53	52	50	220	222	202
Electricity consumption (billion kilowatthours)															
Total consumption	977	985	1,167	968	1,022	996	1,198	989	1,016	1,015	1,217	1,004	4,097	4,205	4,252
Sales to ultimate customers	942	952	1,132	935	987	962	1,162	954	982	981	1,181	970	3,962	4,065	4,113
Residential sector	362	342	454	332	386	337	464	338	369	342	469	341	1,490	1,525	1,521
Commercial sector	336	350	403	346	349	355	412	352	354	364	422	361	1,434	1,469	1,502
Industrial sector	243	258	274	256	251	268	283	263	256	273	288	267	1,031	1,065	1,084
Transportation sector	2	2	2	2	2	2	2	2	2	2	2	2	7	7	7
Direct use (d)	35	33	35	33	34	34	36	35	34	34	36	35	136	139	139
Average residential electricity usage per customer (kWh)	2,539	2,401	3,184	2,333	2,685	2,346	3,230	2,352	2,551	2,359	3,238	2,353	10,457	10,613	10,502
End-of-period fuel inventories held by electric power sector															
Coal (million short tons)	135.7	135.4	122.7	127.9	117.0	132.3	118.5	116.4	111.7	123.1	108.9	111.9	127.9	116.4	111.9
Residual fuel (million barrels)	6.0	5.8	5.3	5.1	4.8	5.1	4.2	4.3	4.1	4.1	3.3	3.3	5.1	4.3	3.3
Distillate fuel (million barrels)	17.0	16.8	16.5	16.0	15.6	15.6	15.6	16.0	16.0	15.9	15.8	16.1	16.0	16.0	16.1
Prices															
Power generation fuel costs (dollars per million Btu)															
Coal	2.50	2.55	2.45	2.44	2.42	2.42	2.42	2.40	2.42	2.42	2.42	2.40	2.48	2.41	2.42
Natural gas	3.37	2.37	2.37	3.03	5.06	3.80	4.21	4.93	5.58	4.49	4.83	5.12	2.75	4.47	4.99
Residual fuel oil	18.84	18.55	17.84	16.16	16.25	14.24	12.23	11.92	12.23	12.77	12.12	11.83	17.79	13.85	12.21
Distillate fuel oil	20.14	19.56	18.46	17.67	18.63	16.64	15.91	16.62	16.99	16.85	17.23	17.27	19.01	17.36	17.08
Prices to ultimate customers (cents per kilowatthour)															
Residential sector	16.01	16.53	16.67	16.70	16.48	17.27	17.26	17.27	17.22	17.90	17.84	17.74	16.48	17.07	17.68
Commercial sector	12.58	12.65	13.39	12.69	13.01	13.16	13.91	13.13	13.34	13.53	14.24	13.34	12.85	13.33	13.64
Industrial sector	7.87	8.04	8.64	8.01	8.16	8.22	8.78	8.21	8.25	8.30	8.92	8.23	8.15	8.35	8.44
Wholesale electricity prices (dollars per megawatthour)															
ERCOT North hub	32.53	39.94	33.54	28.54	35.72	31.43	38.77	43.06	41.47	28.98	61.90	27.79	33.64	37.24	40.03
CAISO SP15 zone	33.41	7.97	43.12	35.32	26.46	24.00	38.85	41.59	41.93	31.69	40.42	41.23	29.96	32.73	38.82
ISO-NE Internal hub	47.50	34.50	45.87	58.50	108.83	43.83	51.26	47.03	60.15	39.77	49.76	46.81	46.59	62.74	49.12
NYISO Hudson Valley zone	43.48	33.82	42.06	50.80	99.75	45.51	55.06	54.42	70.08	47.40	55.79	53.81	42.54	63.68	56.77
PJM Western hub	35.76	37.75	49.70	39.81	60.16	47.59	57.23	51.55	61.27	48.02	56.69	51.81	40.75	54.13	54.45
Midcontinent ISO Illinois hub	32.52	30.38	37.95	31.57	45.87	34.74	41.19	37.31	39.98	35.78	41.05	37.08	33.11	39.78	38.47
SPP ISO South hub	31.66	33.95	47.92	46.52	38.41	41.19	57.68	49.52	48.08	46.98	57.77	48.36	40.01	46.70	50.30
SERC index, Into Southern	27.96	29.20	31.53	29.85	43.28	35.49	37.97	37.21	38.70	35.09	39.24	35.91	29.64	38.49	37.24
FRCC index, Florida Reliability	30.01	31.81	33.26	30.89	46.10	37.23	41.49	41.77	41.65	40.31	45.09	40.73	31.49	41.65	41.94
Northwest index, Mid-Columbia	99.74	32.91	60.98	45.09	53.72	37.85	55.67	59.19	61.37	42.59	58.30	60.86	59.68	51.61	55.78
Southwest index, Palo Verde	29.62	11.22	50.17	34.98	27.88	28.46	45.64	44.23	43.82	35.98	46.98	42.30	31.50	36.55	42.27

(a) Generation supplied by utility-scale power plants with capacity of at least one megawatt.

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

(c) Solar photovoltaic systems smaller than one megawatt such as those installed on rooftops.

(d) Direct use represents commercial and industrial facility use of onsite net electricity generation; and electrical sales or transfers to adjacent or colocated facilities for which revenue information is not available. See Table 7.6 of the EIA Monthly Energy Review.

Notes:

EIA completed modeling and analysis for this report on May 1, 2025.

The approximate break between historical and forecast values is shown with historical data with no shading; estimates and forecasts are shaded gray.

kWh = kilowatthours. Btu = British thermal units.

Prices are not adjusted for inflation.

Sources:

Historical data: Latest data available from EIA databases supporting the following reports: Electric Power Monthly and Electric Power Annual (electricity supply and consumption, fuel inventories and costs, and retail electricity prices); S&P Global Market Intelligence (wholesale electricity prices).