



**Table 7d part 2. U.S. Regional Electricity Generation, Electric Power Sector (billion kilowatthours), continued from Table 7d part 1**  
 U.S. Energy Information Administration | Short-Term Energy Outlook - April 2024

	2023				2024				2025				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2023	2024	2025
<b>Midwest (MISO)</b>															
Natural Gas .....	45.4	54.7	67.3	47.8	49.9	55.7	75.7	49.6	53.1	59.2	74.4	54.9	215.2	230.9	241.6
Coal .....	43.0	38.0	57.3	44.9	42.9	38.4	52.3	44.0	42.1	35.1	53.4	38.5	183.2	177.5	169.1
Nuclear .....	23.4	21.1	24.3	18.4	20.9	21.9	24.2	23.1	22.5	20.9	24.2	22.0	87.2	90.2	89.6
Conventional hydropower .....	2.2	2.0	1.9	2.0	2.4	2.8	2.3	2.2	2.5	2.9	2.4	2.2	8.0	9.7	10.0
Nonhydro renewables (d) .....	30.3	26.5	19.4	29.8	31.1	27.3	21.3	31.5	35.9	32.2	24.8	34.5	106.0	111.2	127.4
Other energy sources (e) .....	0.8	0.7	1.3	0.8	1.3	1.2	1.4	1.4	1.1	1.1	1.3	1.3	3.6	5.3	4.8
Total generation .....	145.1	142.9	171.5	143.6	148.4	147.3	177.3	151.8	157.1	151.4	180.5	153.3	603.2	624.8	642.3
Net energy for load (f) .....	158.6	157.9	184.3	155.2	160.6	160.9	191.6	162.0	165.7	163.8	193.5	163.2	656.0	675.1	686.2
<b>Central (Southwest Power Pool)</b>															
Natural Gas .....	15.8	21.6	30.5	18.3	19.3	23.5	30.5	17.2	17.2	21.5	29.3	16.9	86.1	90.4	84.8
Coal .....	20.4	17.2	27.4	18.4	17.7	16.3	26.2	16.4	17.4	15.1	25.0	15.0	83.4	76.7	72.5
Nuclear .....	4.3	4.3	4.3	4.4	4.3	3.1	4.3	3.5	4.2	4.3	4.2	3.1	17.2	15.2	15.9
Conventional hydropower .....	2.9	2.8	2.7	2.7	3.3	4.1	3.6	3.0	3.5	4.2	3.7	3.1	11.1	14.0	14.5
Nonhydro renewables (d) .....	31.4	25.6	22.5	29.4	31.2	29.8	25.3	31.7	30.7	28.9	25.7	32.5	108.9	117.9	117.8
Other energy sources (e) .....	0.2	0.1	0.2	0.2	0.3	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.7	0.7	0.6
Total generation .....	75.0	71.6	87.6	73.3	76.1	76.9	90.1	71.9	73.2	74.2	88.1	70.7	307.5	315.0	306.1
Net energy for load (f) .....	66.6	66.6	81.8	65.7	68.9	69.6	83.2	65.4	66.4	67.6	82.0	64.7	280.7	287.1	280.7
<b>Texas (ERCOT)</b>															
Natural Gas .....	36.5	49.6	70.1	42.7	42.3	46.3	61.8	42.2	39.5	42.0	58.2	41.2	198.9	192.6	180.9
Coal .....	11.4	15.2	19.7	15.0	12.3	9.9	15.2	11.1	8.3	10.2	14.6	9.9	61.3	48.6	42.9
Nuclear .....	10.5	9.0	10.9	10.3	10.1	10.1	10.6	9.3	10.8	10.0	10.7	10.2	40.7	40.1	41.7
Conventional hydropower .....	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.6	0.7	0.6
Nonhydro renewables (d) .....	36.6	33.8	33.6	31.7	36.3	43.9	44.7	39.3	39.6	50.9	51.8	43.1	135.6	164.2	185.4
Other energy sources (e) .....	0.2	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	-0.1	-0.1	1.2	1.0	0.1
Total generation .....	95.4	108.1	134.7	100.1	101.5	110.8	132.7	102.1	98.4	113.4	135.4	104.3	438.3	447.1	451.5
Net energy for load (f) .....	94.2	109.8	140.6	100.0	101.3	110.8	132.7	102.1	98.4	113.4	135.4	104.3	444.5	446.9	451.5
<b>Northwest</b>															
Natural Gas .....	24.3	17.9	27.8	23.9	22.6	15.8	21.3	23.0	23.2	13.8	20.1	23.3	93.9	82.7	80.5
Coal .....	20.2	14.4	23.6	20.2	15.8	15.0	26.1	18.3	13.8	10.8	26.1	16.6	78.4	75.3	67.4
Nuclear .....	2.4	1.0	2.5	2.5	2.5	2.4	2.4	2.4	2.4	1.2	2.4	2.4	8.4	9.8	8.5
Conventional hydropower .....	25.8	29.9	23.5	23.8	25.8	31.0	25.2	24.4	30.1	36.9	29.1	26.9	103.0	106.4	122.9
Nonhydro renewables (d) .....	18.9	19.2	17.8	17.5	22.4	21.5	22.5	19.9	23.1	24.5	23.0	20.0	73.3	86.3	90.7
Other energy sources (e) .....	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.8	0.6	0.4
Total generation .....	91.8	82.6	95.4	88.0	89.3	85.9	97.8	88.2	92.8	87.2	100.9	89.3	357.8	361.2	370.3
Net energy for load (f) .....	88.7	76.7	86.5	82.7	88.6	76.8	86.0	81.7	83.3	75.8	85.7	81.6	334.6	333.2	326.4
<b>Southwest</b>															
Natural Gas .....	12.5	16.5	23.0	16.7	13.3	15.3	23.6	15.5	9.8	13.4	22.0	14.4	68.8	67.8	59.6
Coal .....	5.5	3.1	6.5	4.3	5.6	5.1	6.1	5.2	5.9	5.0	6.3	5.7	19.4	22.1	22.9
Nuclear .....	8.6	6.8	8.6	7.6	8.7	7.4	8.6	7.5	8.4	7.4	8.6	7.5	31.5	32.3	31.9
Conventional hydropower .....	1.4	2.5	2.0	1.4	1.6	2.4	2.0	1.6	1.9	2.2	1.9	1.6	7.3	7.6	7.5
Nonhydro renewables (d) .....	6.4	6.5	6.1	5.6	7.0	7.6	8.3	7.5	8.4	9.9	9.0	8.2	24.6	30.4	35.6
Other energy sources (e) .....	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.1	0.1	-0.1	-0.2
Total generation .....	34.5	35.4	46.2	35.6	36.3	37.9	48.7	37.2	34.4	37.9	47.9	37.2	151.8	160.1	157.4
Net energy for load (f) .....	28.3	32.9	45.8	29.9	28.8	34.3	44.8	29.4	28.0	34.3	44.9	29.3	136.9	137.3	136.5
<b>California</b>															
Natural Gas .....	20.2	11.5	27.2	25.6	22.3	11.4	28.2	22.5	16.3	12.7	24.8	22.3	84.6	84.3	76.2
Coal .....	1.1	0.6	1.7	1.1	0.5	0.9	1.8	1.2	1.0	1.1	0.9	0.0	4.4	4.4	2.9
Nuclear .....	4.7	4.9	4.9	3.2	5.0	3.6	4.7	4.7	4.6	3.7	4.7	3.6	17.7	18.0	16.7
Conventional hydropower .....	6.5	10.5	9.4	4.9	6.7	10.1	9.2	5.2	5.5	9.2	8.2	4.4	31.3	31.1	27.4
Nonhydro renewables (d) .....	14.7	20.3	20.5	14.9	14.4	25.2	21.0	15.0	16.7	22.5	24.4	17.0	70.5	75.5	80.6
Other energy sources (e) .....	-0.6	-0.2	0.0	-0.2	-0.3	-0.6	0.1	-0.2	-0.7	-0.4	-0.3	-0.5	-1.0	-1.0	-1.9
Total generation .....	46.7	47.7	63.7	49.5	48.5	50.6	65.0	48.3	43.4	48.8	62.7	46.9	207.6	212.5	201.8
Net energy for load (f) .....	60.5	59.9	76.7	62.9	59.6	63.2	80.6	62.6	59.3	63.8	80.9	62.6	260.0	266.1	266.7

Notes: EIA completed modeling and analysis for this report on April 4, 2024.

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

The electric power sector includes utility-scale generating power plants (total capacity is larger than 1 megawatt) operated by electric utilities and independent power producers whose primary business is to sell electricity over the transmission grid for consumption by the public.

(a) Generation from utility-scale (larger than 1 megawatt) solar photovoltaic and solar thermal power plants. Excludes generation from small-scale solar photovoltaic systems (see Table 7a).

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

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

(d) Wind, large-scale solar, biomass, and geothermal

(e) Pumped storage hydroelectric, petroleum, other gases, batteries, and other nonrenewable fuels. See notes (b) and (c).

(f) Includes regional generation from generating units operated by electric power sector, plus energy receipts from neighboring U.S. balancing authorities outside region minus energy deliveries to neighboring balancing authorities.

**Historical data:** Latest data available from EIA databases supporting the following reports: Electric Power Monthly and Electric Power Annual.

Minor discrepancies with published historical data are due to independent rounding and possible revisions not yet reflected in the STEO.