

Table 7d part 1. U.S. Regional Electricity Generation, Electric Power Sector (billion kilowatthours), continues on Table 7d part 2

U.S. Energy Information Administration | Short-Term Energy Outlook - August 2024

	2023				2024				2025				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2023	2024	2025
United States															
Total generation	948.6	947.4	1,168.3	958.1	984.5	1,006.6	1,174.6	982.4	991.5	1,007.3	1,202.0	992.1	4,022.3	4,148.0	4,192.9
Natural gas	367.6	395.1	537.6	394.9	394.6	411.2	529.5	392.3	373.4	392.6	518.9	386.4	1,695.3	1,727.6	1,671.3
Coal	156.7	140.6	216.1	157.3	156.9	147.3	205.6	159.8	161.3	126.5	214.0	156.9	670.7	669.6	658.7
Nuclear	194.5	183.1	205.2	192.6	197.0	190.7	207.0	192.5	198.2	192.8	208.7	195.7	775.3	787.2	795.4
Renewable energy sources:	225.8	224.8	204.8	209.4	232.2	253.7	228.4	233.0	254.2	292.3	257.3	248.8	864.7	947.3	1,052.6
Conventional hydropower	60.8	64.1	58.5	55.2	63.5	63.3	57.0	57.0	65.9	75.0	64.2	59.3	238.7	240.8	264.4
Wind	125.9	102.6	84.6	111.8	122.4	116.6	87.6	118.4	126.8	121.0	90.5	122.3	425.0	444.9	460.7
Solar (a)	29.2	49.0	52.0	33.3	37.4	65.0	73.9	48.0	52.3	87.7	92.7	57.6	163.5	224.3	290.2
Biomass	5.6	5.1	5.7	4.7	5.0	5.1	5.8	5.2	5.3	5.1	5.8	5.1	21.1	21.1	21.4
Geothermal	4.2	4.0	4.0	4.2	3.9	3.8	4.1	4.4	3.9	3.5	4.1	4.5	16.5	16.2	16.0
Pumped storage hydropower	-1.6	-1.3	-1.8	-1.2	-1.1	-1.2	-2.0	-1.2	-1.2	-1.0	-1.8	-1.3	-5.9	-5.5	-5.4
Petroleum (b)	3.9	3.5	4.7	3.5	3.5	3.5	4.5	4.7	4.4	3.2	4.2	4.6	15.6	16.2	16.4
Other gases	0.8	0.7	0.9	0.8	0.7	0.7	0.9	0.8	0.8	0.8	0.9	0.8	3.2	3.1	3.3
Other nonrenewable fuels (c)	0.9	0.9	0.8	0.8	0.7	0.6	0.5	0.6	0.3	0.1	-0.2	0.2	3.4	2.3	0.5
New England (ISO-NE)															
Total generation	23.6	20.2	27.2	22.8	25.0	23.5	27.8	23.5	25.0	23.9	30.3	25.1	93.7	99.7	104.3
Natural gas	11.5	12.3	15.8	12.5	12.8	11.4	16.3	12.2	11.5	11.9	18.1	11.4	52.2	52.8	52.9
Coal	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.2	0.1	0.1
Nuclear	7.1	3.4	6.9	5.8	7.0	7.3	7.3	5.6	7.0	6.1	7.2	7.2	23.2	27.2	27.5
Conventional hydropower	1.9	1.4	1.6	1.8	2.0	1.6	1.1	1.7	2.0	2.2	1.2	1.7	6.7	6.5	7.1
Nonhydro renewables (d)	2.6	2.8	2.6	2.4	2.8	2.9	2.9	3.4	3.6	3.6	3.6	4.1	10.4	12.1	14.9
Other energy sources (e)	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.5	0.8	0.2	0.2	0.5	1.0	1.1	1.7
Net energy for load (f)	29.0	25.6	32.2	27.9	29.6	27.0	33.7	28.5	29.9	27.5	34.2	29.3	114.7	118.9	120.8
New York (NYISO)															
Total generation	29.7	29.4	36.7	32.0	32.6	33.1	36.5	30.4	30.3	30.3	37.2	31.4	127.9	132.7	129.2
Natural gas	13.5	14.2	21.1	15.6	16.1	16.2	20.2	14.3	13.9	13.7	20.6	14.2	64.4	66.9	62.3
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nuclear	6.8	6.6	6.9	7.2	6.5	7.2	7.1	6.5	6.7	7.0	7.2	7.2	27.5	27.3	28.0
Conventional hydropower	7.1	6.6	6.9	7.0	7.5	7.0	6.9	7.1	6.9	6.9	6.9	7.1	27.6	28.6	27.8
Nonhydro renewables (d)	2.1	2.0	1.8	2.1	2.4	2.6	2.2	2.3	2.4	2.8	2.5	2.8	8.1	9.6	10.5
Other energy sources (e)	0.2	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.4	0.0	0.1	0.2	0.2	0.4	0.7
Net energy for load (f)	36.1	33.3	42.1	35.5	37.0	35.7	43.8	35.9	37.5	36.4	45.3	36.9	147.0	152.3	156.1
Mid-Atlantic (PJM)															
Total generation	197.1	183.9	231.0	195.1	208.6	197.6	229.4	194.4	205.3	193.6	227.6	194.4	807.2	830.1	820.8
Natural gas	85.1	81.5	112.3	85.4	93.5	87.9	110.2	81.6	88.8	87.1	107.1	82.3	364.3	373.2	365.3
Coal	28.3	22.9	36.2	25.7	29.1	28.1	33.7	27.6	30.7	20.8	33.8	27.2	113.1	118.5	112.5
Nuclear	67.6	65.7	70.6	68.8	68.9	64.5	71.1	68.3	67.4	66.3	71.3	67.5	272.6	272.7	272.5
Conventional hydropower	2.6	1.8	2.0	2.5	3.0	2.3	1.6	2.0	2.6	2.5	1.6	2.1	8.9	8.9	8.8
Nonhydro renewables (d)	13.1	12.0	9.8	12.4	13.9	14.8	12.8	14.2	15.5	16.6	13.6	14.7	47.2	55.8	60.5
Other energy sources (e)	0.3	0.1	0.2	0.4	0.2	0.1	0.1	0.6	0.4	0.2	0.1	0.6	1.0	1.0	1.2
Net energy for load (f)	192.5	176.2	214.4	187.0	199.4	191.6	221.0	187.7	201.3	189.6	221.3	189.5	770.1	799.8	801.7
Southeast (SERC)															
Total generation	153.6	158.2	194.5	158.4	164.4	168.8	195.8	158.9	165.8	170.4	204.8	162.7	664.7	687.8	703.6
Natural gas	63.7	65.7	82.4	62.6	62.1	65.3	86.9	67.6	65.1	69.8	85.2	62.7	274.4	281.9	282.8
Coal	23.7	26.5	39.7	25.2	30.5	30.9	35.0	22.0	26.6	23.4	42.1	27.8	115.0	118.4	119.9
Nuclear	51.7	52.9	57.4	57.4	55.9	56.5	58.7	54.9	56.5	58.7	60.6	57.1	219.3	226.0	232.8
Conventional hydropower	9.9	6.2	8.0	8.6	10.5	8.2	7.9	9.1	11.4	9.0	8.1	9.1	32.7	35.7	37.6
Nonhydro renewables (d)	4.9	7.2	7.4	5.0	5.4	8.0	7.7	5.7	6.4	9.7	9.4	6.3	24.5	26.9	31.7
Other energy sources (e)	-0.3	-0.2	-0.5	-0.4	0.0	-0.2	-0.5	-0.3	-0.2	-0.2	-0.5	-0.3	-1.3	-1.0	-1.2
Net energy for load (f)	148.9	149.2	171.6	149.4	155.4	156.8	183.1	151.0	157.1	159.0	191.1	154.4	619.2	646.3	661.7
Florida (FRCC)															
Total generation	52.5	63.6	75.7	55.9	53.4	67.6	74.7	56.6	51.9	62.4	73.1	55.9	247.7	252.3	243.3
Natural gas	38.3	48.8	59.0	42.9	40.3	51.5	58.2	43.7	37.2	45.5	55.8	41.6	189.0	193.8	180.0
Coal	2.7	2.6	3.9	2.5	1.4	2.1	2.6	1.5	1.2	2.0	2.9	1.5	11.7	7.7	7.5
Nuclear	7.4	7.5	8.0	7.1	7.5	7.5	7.9	6.7	7.8	7.4	7.5	7.7	29.9	29.6	30.4
Conventional hydropower	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.2	0.2
Nonhydro renewables (d)	3.5	4.2	4.1	3.1	3.9	6.0	5.3	4.1	5.2	7.1	6.2	4.7	14.8	19.3	23.3
Other energy sources (e)	0.6	0.5	0.6	0.4	0.3	0.4	0.5	0.4	0.5	0.4	0.6	0.4	2.1	1.7	1.9
Net energy for load (f)	54.4	65.5	77.2	56.6	52.9	68.2	75.0	56.8	51.2	63.1	74.6	56.0	253.8	252.9	244.9

(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

Notes:

EIA completed modeling and analysis for this report on August 1, 2024.

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

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.

Sources:

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 - August 2024

	2023				2024				2025				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2023	2024	2025
Midwest (MISO)															
Total generation	145.1	142.9	171.5	143.6	147.1	151.6	173.5	154.0	156.9	151.2	179.5	155.8	603.2	626.1	643.4
Natural gas	45.4	54.7	67.3	47.8	48.9	56.7	66.6	50.9	47.9	56.5	70.6	54.4	215.2	223.1	229.5
Coal	43.0	38.0	57.3	44.9	42.8	40.5	57.4	44.4	47.6	37.6	56.3	41.8	183.2	185.1	183.3
Nuclear	23.4	21.1	24.3	18.4	20.9	21.8	24.5	23.0	22.4	20.9	24.2	22.2	87.2	90.2	89.7
Conventional hydropower	2.2	2.0	1.9	2.0	2.1	2.1	2.1	2.1	2.5	2.9	2.4	2.2	8.0	8.4	9.9
Nonhydro renewables (d)	30.3	26.5	19.4	29.8	31.7	29.7	21.6	32.1	35.6	32.3	24.8	33.9	106.0	115.1	126.6
Other energy sources (e)	0.8	0.7	1.3	0.8	0.6	0.8	1.4	1.4	0.9	1.0	1.3	1.3	3.6	4.2	4.4
Net energy for load (f)	158.6	157.9	184.3	155.2	159.9	160.1	186.5	163.8	165.0	163.4	191.7	165.4	656.0	670.4	685.5
Central (Southwest Power Pool)															
Total generation	75.0	71.6	87.6	73.3	75.8	75.9	86.9	72.3	73.5	73.8	87.1	71.6	307.5	310.9	306.0
Natural gas	15.8	21.6	30.5	18.3	19.9	22.6	29.6	19.5	18.2	19.8	28.4	18.2	86.1	91.6	84.5
Coal	20.4	17.2	27.4	18.4	17.7	15.8	25.9	15.6	16.0	13.2	26.1	14.9	83.4	74.9	70.2
Nuclear	4.3	4.3	4.3	4.4	4.3	3.2	4.4	3.5	4.2	4.3	4.2	3.1	17.2	15.3	15.9
Conventional hydropower	2.9	2.8	2.7	2.7	3.1	3.0	3.2	2.9	3.5	4.2	3.7	3.1	11.1	12.2	14.4
Nonhydro renewables (d)	31.4	25.6	22.5	29.4	30.6	31.1	23.6	30.7	31.4	32.2	24.6	32.2	108.9	116.0	120.4
Other energy sources (e)	0.2	0.1	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.1	0.2	0.7	0.9	0.7
Net energy for load (f)	66.6	66.6	81.8	65.7	68.9	70.1	81.5	66.3	66.6	66.6	81.2	65.5	280.7	286.9	279.9
Texas (ERCOT)															
Total generation	95.4	108.1	134.7	100.1	101.6	114.5	136.6	112.4	105.5	120.7	145.5	115.0	438.3	465.1	486.7
Natural gas	36.5	49.6	70.1	42.7	42.4	51.8	65.9	48.4	40.6	47.8	64.6	47.5	198.9	208.5	200.6
Coal	11.4	15.2	19.7	15.0	12.0	13.1	18.5	15.1	13.3	12.2	19.9	14.0	61.3	58.8	59.4
Nuclear	10.5	9.0	10.9	10.3	10.0	9.1	10.3	9.3	10.7	9.9	10.7	10.2	40.7	38.7	41.5
Conventional hydropower	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.6	0.5	0.6
Nonhydro renewables (d)	36.6	33.8	33.6	31.7	36.6	40.1	41.5	39.3	40.5	50.2	50.2	43.2	135.6	157.5	184.1
Other energy sources (e)	0.2	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.2	0.0	0.1	1.2	1.1	0.4
Net energy for load (f)	94.2	109.8	140.6	100.0	101.0	116.4	136.6	112.4	105.5	120.7	145.5	115.0	444.5	466.5	486.7
Northwest															
Total generation	91.8	82.6	95.4	88.0	90.3	84.6	97.8	90.9	94.2	89.1	101.8	91.3	357.8	363.6	376.3
Natural gas	24.3	17.9	27.8	23.9	25.7	20.0	27.1	18.7	23.3	15.1	22.6	17.1	93.9	91.5	78.1
Coal	20.2	14.4	23.6	20.2	17.4	12.0	23.8	25.1	17.8	11.1	24.3	24.6	78.4	78.3	77.7
Nuclear	2.4	1.0	2.5	2.5	2.5	2.5	2.5	2.4	2.4	1.2	2.4	2.4	8.4	9.9	8.5
Conventional hydropower	25.8	29.9	23.5	23.8	25.6	26.5	24.1	26.3	29.8	35.7	30.3	28.0	103.0	102.5	123.8
Nonhydro renewables (d)	18.9	19.2	17.8	17.5	18.9	23.3	20.2	18.2	20.7	25.9	22.1	19.0	73.3	80.6	87.7
Other energy sources (e)	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.8	0.7	0.6
Net energy for load (f)	88.1	76.7	86.5	84.3	89.4	80.5	87.2	83.1	84.7	77.3	86.4	82.9	335.6	340.2	331.2
Southwest															
Total generation	34.5	35.4	46.2	35.6	35.2	37.8	48.6	37.8	35.8	38.9	49.0	38.2	151.8	159.4	161.9
Natural gas	12.5	16.5	23.0	16.7	13.2	16.1	22.6	15.8	11.9	14.2	21.6	15.8	68.8	67.7	63.5
Coal	5.5	3.1	6.5	4.3	5.1	4.1	6.4	4.9	4.7	4.5	7.1	4.7	19.4	20.5	20.9
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	1.7	2.3	2.0	1.5	1.8	2.2	2.0	1.6	7.3	7.5	7.6
Nonhydro renewables (d)	6.4	6.5	6.1	5.6	6.6	7.8	9.0	8.1	9.1	10.7	9.8	8.8	24.6	31.6	38.5
Other energy sources (e)	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	0.1	-0.1	-0.4
Net energy for load (f)	28.3	32.9	45.8	29.9	28.9	35.7	44.0	29.9	28.8	35.3	45.3	29.9	136.9	138.5	139.4
California															
Total generation	46.7	47.7	63.7	49.5	46.8	48.2	63.3	47.3	43.7	49.5	62.5	47.0	207.6	205.6	202.8
Natural gas	20.2	11.5	27.2	25.6	18.8	10.9	25.3	18.8	14.3	10.7	23.8	20.4	84.6	73.8	69.1
Coal	1.1	0.6	1.7	1.1	0.7	0.5	1.9	2.9	3.1	1.4	1.2	0.0	4.4	6.0	5.6
Nuclear	4.7	4.9	4.9	3.2	4.9	3.6	4.8	4.7	4.6	3.7	4.7	3.6	17.7	18.1	16.7
Conventional hydropower	6.5	10.5	9.4	4.9	7.2	9.9	7.7	3.8	4.8	8.7	7.6	3.9	31.3	28.6	25.0
Nonhydro renewables (d)	14.7	20.3	20.5	14.9	15.4	23.5	23.9	17.4	17.3	25.5	25.6	19.5	70.5	80.2	87.9
Other energy sources (e)	-0.6	-0.2	0.0	-0.2	-0.3	-0.2	-0.3	-0.3	-0.4	-0.3	-0.4	-0.5	-1.0	-1.1	-1.6
Net energy for load (f)	60.5	59.9	76.7	62.9	59.1	61.5	78.4	63.1	60.2	65.0	81.6	63.6	260.0	262.1	270.4

(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.

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