



*Independent Statistics & Analysis*  
U.S. Energy Information  
Administration

---

# State Nuclear Profiles 2010

April 2012



---

This report was prepared by the U.S. Energy Information Administration (EIA), the statistical and analytical agency within the U.S. Department of Energy. By law, EIA's data, analyses, and forecasts are independent of approval by any other officer or employee of the United States Government. The views in this report therefore should not be construed as representing those of the Department of Energy or other Federal agencies.

## Contacts

---

This report was prepared by the staff of the Renewables and Uranium Statistics Team, Office of Electricity, Renewables, and Uranium Statistics. Questions about the preparation and content of this report may be directed to Michele Simmons, Team Leader, Renewables and Uranium Statistics Team, or Michael Mobilia, at [InfoNuclearData@eia.gov](mailto:InfoNuclearData@eia.gov).

## Contents

---

Contacts .....	i
Alabama .....	1
Alabama total electric power industry, summer capacity and net generation, by energy source, 2010 .....	1
Alabama nuclear power plants, summer capacity and net generation, 2010 .....	1
Browns Ferry.....	2
Joseph M. Farley.....	2
Arkansas.....	3
Arkansas total electric power industry, summer capacity and net generation, by energy source, 2010 .....	3
Arkansas nuclear power plants, summer capacity and net generation, 2010 .....	3
Arkansas Nuclear One.....	4
Arizona .....	5
Arizona nuclear power plants, summer capacity and net generation, 2010 .....	5
Palo Verde.....	6
California .....	7
California total electric power industry, summer capacity and net generation, by energy source, 2010 .....	7
California nuclear power plants, summer capacity and net generation, 2010 .....	7
San Onofre .....	8
Diablo Canyon.....	8
Connecticut.....	9
Connecticut total electric power industry, summer capacity and net generation, by energy source, 2010 .....	9
Milestone.....	10
Florida .....	11
Florida total electric power industry, summer capacity and net generation, by energy source, 2010 .....	11
Florida nuclear power plants, summer capacity and net generation, 2010.....	11
Turkey Point.....	12
St Lucie.....	12
Crystal River .....	12

Georgia.....	13
Georgia total electric power industry, summer capacity and net generation, by energy source, 2010 .....	13
Georgia nuclear power plants, summer capacity and net generation, 2010 .....	13
Vogle.....	14
Edwin I Hatch .....	14
Iowa.....	15
Iowa total electric power industry, summer capacity and net generation, by energy source, 2010 .....	15
Iowa nuclear power plants, summer capacity and net generation, 2010.....	15
Duane Arnold Energy Center .....	16
Illinois.....	17
Illinois total electric power industry, summer capacity and net generation, by energy source, 2010 .....	17
Illinois nuclear power plants, summer capacity and net generation, 2010 .....	17
Clinton Power Station .....	18
Dresden Generating Station .....	18
Quade Cities Generating Station .....	18
Braidwood Generation Station .....	19
Byron Generating Station .....	19
LaSalle Generating Station.....	19
Kansas .....	20
Kansas total electric power industry, summer capacity and net generation, by energy source, 2010 .....	20
Kansas Nuclear Power Plants, Summer Capacity and Net Generation, 2010 .....	20
Wolf Creek Generating Station .....	20
Louisiana .....	21
Louisiana total electric power industry, summer capacity and net generation, by energy source, 2010 .....	21
Louisiana nuclear power plants, summer capacity and net generation, 2010.....	21
Waterford 3 .....	22
River Bend.....	22

Massachusetts .....	23
Massachusetts total electric power industry, summer capacity and net generation, by energy source, 2010 .....	23
Massachusetts nuclear power plants, summer capacity and net generation, 2010.....	23
Pilgrim Nuclear Power Station.....	24
Maryland .....	25
Maryland total electric power industry, summer capacity and net generation, by energy source, 2010 .....	25
Maryland nuclear power plants, summer capacity and net generation, 2010 .....	25
Calvert Cliffs Nuclear Power Plant.....	26
Michigan.....	27
Michigan total electric power industry, summer capacity and net generation, by energy source, 2010 .....	27
Michigan nuclear power plants, summer capacity and net generation, 2010.....	27
Donald Cook.....	28
Fermi.....	28
Palisades .....	28
Minnesota .....	29
Minnesota total electric power industry, summer capacity and net generation, by energy source, 2010 .....	29
Minnesota nuclear power plants, summer capacity and net generation, 2010 .....	29
Monicello .....	30
Prairie Island .....	30
Missouri .....	31
Missouri total electric power industry, summer capacity and net generation, by energy source, 2010 .....	31
Missouri nuclear power plants, summer capacity and net generation, 2010.....	31
Callaway.....	32
Mississippi.....	33
Mississippi total electric power industry, summer capacity and net generation, by energy source, 2010 .....	33
Mississippi nuclear power plants, summer capacity and net generation, 2009 .....	33
Grand Gulf.....	33

North Carolina.....	34
North Carolina total electric power industry, summer capacity and net generation, by energy source, 2010 .....	34
North Carolina nuclear power plants, summer capacity and net generation, 2010.....	34
Brunswick.....	35
Harris.....	35
McGuire .....	36
Nebraska .....	37
Nebraska total electric power industry, summer capacity and net generation, by energy source, 2010 .....	37
Nebraska nuclear power plants, summer capacity and net generation, 2010.....	37
Cooper .....	37
Fort Calhoun .....	38
New Hampshire.....	39
New Hampshire total electric power industry, summer capacity and net generation, by energy source, 2010 .....	39
New Hampshire nuclear power plants, summer capacity and net generation, 2010.....	39
Seabrook.....	40
New Jersey .....	41
New Jersey total electric power industry, summer capacity and net generation, by source, 2010 .....	41
New Jersey nuclear power plants, summer capacity and net generation, 2010 .....	41
Oyster Creek .....	42
PSEG Salem Generating Station.....	42
New York.....	43
New York total electric power industry, summer capacity and net generation, by energy source, 2010 .....	43
New York nuclear power plants, summer capacity and net generation, 2010 .....	43
Indian Point.....	44
Nine Mile Point Nuclear Station .....	44
James A Fitzpatrick .....	44
Ohio.....	46
Ohio total electric power industry, summer capacity and net generation, by energy source, 2010....	46
Ohio nuclear power plants, summer capacity and net generation, 2009.....	46

Davis Besse .....	47
Perry.....	47
Pennsylvania .....	48
Pennsylvania total electric power industry, summer capacity and net generation, by energy source, 2010 .....	48
Pennsylvania nuclear power plants, summer capacity and net generation, 2009.....	48
Beaver Valley .....	49
Limerick.....	49
PPL Susquehanna.....	49
Peach Bottom .....	50
Three Mile Island .....	50
South Carolina.....	51
South Carolina total electric power industry, summer capacity and net generation, by energy source, 2010 .....	51
South Carolina nuclear power plants, summer capacity and net generation, 2010.....	51
Catawba .....	52
H B Robinson.....	52
Oconee.....	52
V C Summer .....	53
Tennessee .....	54
Tennessee total electric power industry, summer capacity and net generation, by energy source, 2010 .....	54
Tennessee nuclear power plants, summer capacity and net generation, 2010.....	54
Sequoyah .....	55
Watts Bar Nuclear Plant.....	55
Texas .....	56
Texas total electric power industry, summer capacity and net generation, by energy source, 2010 .....	56
Texas nuclear power plants, summer capacity and net generation, 2010.....	56
Comanche Peak .....	57
South Texas Project .....	57



Virginia .....	58
Virginia total electric power industry, summer capacity and net generation, by energy source, 2010 .....	58
Virginia nuclear power plants, summer capacity and net generation, 2010 .....	58
North Anna .....	59
Surry.....	59
Vermont .....	60
Vermont total electric power industry, summer capacity and net generation, by energy source, 2010 .....	60
Vermont nuclear power plants, summer capacity and net generation, 2010 .....	60
Vermont Yankee .....	60
Washington.....	61
Washington total electric power industry, summer capacity and net generation, by energy source, 2010 .....	61
Washington nuclear power plants, summer capacity and net generation, 2010 .....	61
Columbia Generating Station .....	62
Wisconsin .....	63
Wisconsin total electric power industry, summer capacity and net generation, by energy source, 2010 .....	63
Wisconsin nuclear power plants, summer capacity and net generation, 2010 .....	63
Kewaunee .....	64
Point Beach Nuclear Plant .....	64



# Alabama

## Alabama total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>5,043</b>	<b>15.6</b>	<b>37,941</b>	<b>24.9</b>
Coal	11,441	35.3	63,050	41.4
Hydro and Pumped Storage	3,272	10.1	8,704	5.7
Natural Gas	11,936	36.8	39,235	25.8
Other <sup>1</sup>	100	0.3	643	0.4
Other Renewable <sup>1</sup>	583	1.8	2,377	1.6
Petroleum	43	0.1	200	0.1
<b>Total</b>	<b>32,417</b>	<b>100.0</b>	<b>152,151</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Alabama nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
Browns Ferry				
Unit 1, Unit 2, Unit 3	3,309	24,771	65.3	Tennessee Valley Authority
Joseph M Farley				
Unit 1, Unit 2	1,734	13,170	34.7	Alabama Power Co
<b>2 Plants</b>				
<b>5 Reactors</b>	<b>5,043</b>	<b>37,941</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Browns Ferry

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,101	8,072	83.7	BWR	8/1/1974	12/20/2033
2	1,104	8,843	91.5	BWR	3/1/1975	6/28/2034
3	1,105	7,856	81.2	BWR	3/1/1977	7/2/2036
	<b>3,309</b>	<b>24,771</b>	<b>85.4</b>			

Data for 2010

BWR = Boiling Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Joseph M. Farley

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	874	6,577	85.9	PWR	12/1/1977	6/25/2037
2	860	6,592	87.5	PWR	7/30/1981	3/31/2041
	<b>1,734</b>	<b>13,170</b>	<b>86.7</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

# Arkansas

## Arkansas total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>1,835</b>	<b>11.5</b>	<b>15,023</b>	<b>24.6</b>
Coal	4,535	28.4	28,152	46.2
Hydro and Pumped Storage	1,369	8.6	3,658	6.0
Natural Gas	7,894	49.4	12,469	20.4
Other <sup>1</sup>	-	-	28	*
Other Renewable <sup>1</sup>	326	2.0	1,624	2.7
Petroleum	22	0.1	45	0.1
<b>Total</b>	<b>15,981</b>	<b>100.0</b>	<b>61,000</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

\* = Absolute percentage less than 0.05.

- = No data reported.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Arkansas nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
Arkansas Nuclear One				
Unit 1, Unit 2	1,835	15,023	100.0	Entergy Arkansas Inc
<b>1 Plant</b>				
<b>2 Reactors</b>	<b>1,835</b>	<b>15,023</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Arkansas Nuclear One

Unit	Summer capacity (mw)	Net Generation (Thousand MWh)	Summer Capacity Factor (Percent)	Type	Commercial Operation Date	License Expiration Date
1	842	6,607	89.6	PWR	12/19/1974	5/20/2034
2	993	8,416	96.7	PWR	3/26/1980	7/17/2038
	<b>1,835</b>	<b>15,023</b>	<b>93.5</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Arizona

### Arizona Total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State	Net generation (thousand mwh)	Share of State
		total (percent)		total (percent)
<b>Nuclear</b>	<b>3,937</b>	<b>14.9</b>	<b>31,200</b>	<b>27.9</b>
Coal	6,233	23.6	43,644	39.1
Hydro and Pumped Storage	2,937	11.1	6,831	6.1
Natural Gas	13,012	49.3	29,676	26.6
Other <sup>1</sup>	-	-	15	*
Other Renewable <sup>1</sup>	181	0.7	319	0.3
Petroleum	93	0.4	66	0.1
<b>Total</b>	<b>26,392</b>	<b>100.0</b>	<b>111,751</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

\* = Absolute percentage less than 0.05.

- = No data reported.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

### Arizona nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State	Owner
			nuclear net generation (percent)	
Palo Verde				
Unit 1, Unit 2, Unit 3	3,937	31,200	100.0	Arizona Public Service Co
<b>1 Plant</b>				
<b>3 Reactors</b>	<b>3,937</b>	<b>31,200</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Palo Verde

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,311	9,308	81.0	PWR	1/28/1986	6/1/2025
2	1,314	11,653	101.2	PWR	9/19/1986	4/24/2026
3	1,312	10,239	89.1	PWR	1/8/1988	11/25/2027
	<b>3,937</b>	<b>31,200</b>	<b>90.5</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."



# California

## California total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>4,390</b>	<b>6.5</b>	<b>32,201</b>	<b>15.8</b>
Coal	374	0.6	2,100	1.0
Hydro and Pumped Storage	13,954	20.7	33,260	16.3
Natural Gas	41,370	61.4	107,522	52.7
Other <sup>1</sup>	220	0.3	2,534	1.2
Other Renewable <sup>1</sup>	6,319	9.4	25,450	12.5
Petroleum	701	1.0	1,059	0.5
<b>Total</b>	<b>67,328</b>	<b>100.0</b>	<b>204,126</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## California nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
Diablo Canyon				
Unit 1, Unit 2	2,240	18,430	57.2	Pacific Gas & Electric Co
San Onofre Nuclear Generating Station				
Unit 2, Unit 3	2,150	13,771	42.8	Southern California Edison Co
<b>2 Plants</b>				
<b>4 Reactors</b>	<b>4,390</b>	<b>32,201</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## San Onofre

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
2	1,070	6,989	74.6	PWR	8/8/1983	2/16/2022
3	1,080	6,782	71.7	PWR	4/1/1984	11/15/2022
	<b>2,150</b>	<b>13,771</b>	<b>73.1</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Diablo Canyon

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,122	8,677	88.3	PWR	5/7/1985	11/2/2024
2	1,118	9,752	99.6	PWR	3/13/1986	8/20/2025
	<b>2,240</b>	<b>18,430</b>	<b>93.9</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Connecticut

### Connecticut total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>2,103</b>	<b>25.4</b>	<b>16,750</b>	<b>50.2</b>
Coal	564	6.8	2,604	7.8
Hydro and Pumped Storage	151	1.8	400	1.2
Natural Gas	2,292	27.7	11,716	35.1
Other <sup>1</sup>	27	0.3	730	2.2
Other Renewable <sup>1</sup>	159	1.9	740	2.2
Petroleum	2,989	36.1	409	1.2
<b>Total</b>	<b>8,284</b>	<b>100.0</b>	<b>33,350</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

### Connecticut nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
Millstone Unit 2, Unit 3 <b>1 Plant</b>	2,103	16,750	100.0	Dominion Nuclear Conn Inc
<b>2 Reactors</b>	<b>2,103</b>	<b>16,750</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Milestone

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
2	869	7,415	97.4	PWR	12/26/1975	7/31/2035
3	1,233	9,336	86.4	PWR	4/23/1986	11/25/2045
	<b>2,103</b>	<b>16,750</b>	<b>90.9</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Florida

### Florida total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (nw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>3,924</b>	<b>6.6</b>	<b>23,936</b>	<b>10.4</b>
Coal	9,975	16.9	59,897	26.1
Hydro and Pumped Storage	55	0.1	177	0.1
Natural Gas	31,563	53.4	128,634	56.1
Other <sup>1</sup>	544	0.9	2,842	1.2
Other Renewable <sup>1</sup>	1,053	1.8	4,487	2.0
Petroleum	12,033	20.3	9,122	4.0
<b>Total</b>	<b>59,147</b>	<b>100.0</b>	<b>229,096</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

### Florida nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
Crystal River				
Unit 3	860	0	--	Progress Energy Florida Inc
St Lucie				
Unit 1, Unit 2	1,678	12,630	52.8	Florida Power & Light Co
Turkey Point				
Unit 3, Unit 4	1,386	11,305	47.2	Florida Power & Light Co
<b>3 Plants</b>				
<b>5 Reactors</b>	<b>3,924</b>	<b>23,936</b>	<b>100.0</b>	

<sup>1</sup> Unit was offline in 2010 for repairs.

-- Not applicable.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Turkey Point

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
3	693	5,356	88.2	PWR	12/14/1972	7/19/2032
4	693	5,950	98.0	PWR	9/7/1973	4/10/2033
	<b>1,386</b>	<b>11,305</b>	<b>93.1</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## St Lucie

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	839	5,299	72.1	PWR	12/21/1976	3/1/2036
2	839	7,331	99.7	PWR	8/8/1983	4/6/2043
	<b>1,678</b>	<b>12,630</b>	<b>85.9</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Crystal River<sup>1</sup>

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
3	860	0	--	PWR	3/13/1977	12/3/2016
	<b>860</b>	<b>0</b>	<b>--</b>			

Data for 2010

1 Unit was offline in 2010 for repairs.

-- Not applicable.

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

# Georgia

## Georgia total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>4,061</b>	<b>11.1</b>	<b>33,512</b>	<b>24.4</b>
Coal	13,230	36.1	73,298	53.3
Hydro and Pumped Storage	3,851	10.5	3,044	2.2
Natural Gas	12,668	34.6	23,884	17.4
Other <sup>1</sup>	-	-	18	*
Other Renewable <sup>1</sup>	637	1.7	3,181	2.3
Petroleum	2,189	6.0	641	0.5
<b>Total</b>	<b>36,636</b>	<b>100.0</b>	<b>137,577</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

\* = Absolute percentage less than 0.05.

- = No data reported.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Georgia nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
Edwin I Hatch				
Unit 1, Unit 2	1,759	13,902	41.5	Georgia Power Co
Vogtle				
Unit 1, Unit 2	2,302	19,610	58.5	Georgia Power Co
<b>2 Plants</b>				
<b>4 Reactors</b>	<b>4,061</b>	<b>33,512</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Vogtle

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,150	10,247	101.7	PWR	6/1/1987	1/16/2047
2	1,152	9,363	92.8	PWR	5/20/1989	2/9/2049
	<b>2,302</b>	<b>19,610</b>	<b>97.2</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Edwin I Hatch

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	876	6,510	84.8	BWR	12/31/1975	8/6/2034
2	883	7,392	95.6	BWR	9/5/1979	6/13/2038
	<b>1,759</b>	<b>13,902</b>	<b>90.2</b>			

Data for 2010

BWR = Boiling Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."



## Iowa

### Iowa total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>601</b>	<b>4.1</b>	<b>4,451</b>	<b>7.7</b>
Coal	6,956	47.7	41,283	71.8
Hydro and Pumped Storage	144	1.0	948	1.6
Natural Gas	2,299	15.8	1,312	2.3
Other Renewable <sup>1</sup>	3,584	24.6	9,360	16.3
Petroleum	1,007	6.9	154	0.3
<b>Total</b>	<b>14,592</b>	<b>100.0</b>	<b>57,509</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

### Iowa nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
Duane Arnold Energy Center				
Unit 1	601	4,451	100.0	NextEra Energy Duane Arnold LLC
<b>1 Plant</b>				
<b>1 Reactor</b>	<b>601</b>	<b>4,451</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Duane Arnold Energy Center

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	601	4,451	84.5	BWR	2/1/1975	2/21/2014
	<b>601</b>	<b>4,451</b>	<b>84.5</b>			

Data for 2010

BWR = Boiling Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Illinois

### Illinois total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>11,441</b>	<b>25.9</b>	<b>96,190</b>	<b>47.8</b>
Coal	15,551	35.2	93,611	46.5
Hydro and Pumped Storage	34	0.1	119	0.1
Natural Gas	13,771	31.2	5,724	2.8
Other <sup>1</sup>	145	0.3	461	0.2
Other Renewable <sup>1</sup>	2,078	4.7	5,138	2.6
Petroleum	1,106	2.5	110	0.1
<b>Total</b>	<b>44,127</b>	<b>100.0</b>	<b>201,352</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

### Illinois nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
Braidwood Generation Station				
Unit 1, Unit 2	2,330	19,200	20.0	Exelon Nuclear
Byron Generating Station				
Unit 1, Unit 2	2,300	19,856	20.6	Exelon Nuclear
Clinton Power Station				
Unit 1	1,065	8,612	9.0	Exelon Nuclear
Dresden Generating Station				
Unit 2, Unit 3	1,734	14,593	15.2	Exelon Nuclear
LaSalle Generating Station				
Unit 1, Unit 2	2,238	19,133	19.9	Exelon Nuclear
Quad Cities Generating Station				
Unit 1, Unit 2	1,774	14,796	15.4	Exelon Nuclear
<b>6 Plants</b>				
<b>11 Reactors</b>	<b>11,441</b>	<b>96,190</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Clinton Power Station

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,065	8,612	92.3	BWR	11/24/1987	9/29/2026
	<b>1,065</b>	<b>8,612</b>	<b>92.3</b>			

Data for 2010

BWR = Boiling Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Dresden Generating Station

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
2	867	7,727	101.7	BWR	6/9/1970	12/22/2029
3	867	6,866	90.4	BWR	11/16/1971	1/12/2031
	<b>1,734</b>	<b>14,593</b>	<b>96.1</b>			

Data for 2010

BWR = Boiling Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Quade Cities Generating Station

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	882	7,646	99.0	BWR	2/18/1973	12/14/2032
2	892	7,150	91.5	BWR	3/10/1973	12/14/2032
	<b>1,774</b>	<b>14,796</b>	<b>95.2</b>			

Data for 2010

BWR = Boiling Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Braidwood Generation Station

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,178	9,197	89.1	PWR	7/29/1988	10/17/2026
2	1,152	10,003	99.1	PWR	10/17/1988	12/18/2027
	<b>2,330</b>	<b>19,200</b>	<b>94.1</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Byron Generating Station

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,164	10,337	101.4	PWR	9/16/1985	10/31/2024
2	1,136	9,518	95.6	PWR	8/2/1987	11/6/2026
	<b>2,300</b>	<b>19,856</b>	<b>98.5</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## LaSalle Generating Station

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,118	9,207	94.0	BWR	1/1/1984	4/17/2022
2	1,120	9,926	101.2	BWR	10/19/1984	12/16/2023
	<b>2,238</b>	<b>19,133</b>	<b>97.6</b>			

Data for 2010

BWR = Boiling Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Kansas

### Kansas total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>1,160</b>	<b>9.2</b>	<b>9,556</b>	<b>19.9</b>
Coal	5,179	41.3	32,505	67.8
Hydro and Pumped Storage	3	*	13	*
Natural Gas	4,573	36.5	2,287	4.8
Other Renewable <sup>1</sup>	1,079	8.6	3,459	7.2
Petroleum	550	4.4	103	0.2
<b>Total</b>	<b>12,543</b>	<b>100.0</b>	<b>47,924</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

\* = Absolute percentage less than 0.05.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

### Kansas nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
Wolf Creek Generating Station				
Unit 1	1,160	9,556	100.0	Wolf Creek Nuclear Optg Corp
<b>1 Plant</b>				
<b>1 Reactor</b>	<b>1,160</b>	<b>9,556</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

### Wolf Creek Generating Station

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,160	9,556	94.0	PWR	9/3/1985	3/11/2045
	<b>1,160</b>	<b>9,556</b>	<b>94.0</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Louisiana

### Louisiana total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>2,142</b>	<b>8.0</b>	<b>18,639</b>	<b>18.1</b>
Coal	3,417	12.8	23,924	23.3
Hydro and Pumped Storage	192	0.7	1,109	1.1
Natural Gas	19,574	73.2	51,344	49.9
Other <sup>1</sup>	213	0.8	2,120	2.1
Other Renewable <sup>1</sup>	325	1.2	2,468	2.4
Petroleum	881	3.3	3,281	3.2
<b>Total</b>	<b>26,744</b>	<b>100.0</b>	<b>102,885</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

### Louisiana nuclear power plants, summer capacity and net generation, 2010

Plant Name/Total Reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (Percent)	Owner
River Bend				
Unit 1	974	8,363	44.9	Entergy Gulf States - LA LLC
Waterford 3				
Unit 3	1,168	10,276	55.1	Entergy Louisiana Inc
<b>2 Plants</b>				
<b>2 Reactors</b>	<b>2,142</b>	<b>18,639</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

### Waterford 3

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
3	1,168	10,276	100.4	PWR	9/24/1985	12/18/2024
	<b>1,168</b>	<b>10,276</b>	<b>100.4</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

### River Bend

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	974	8,363	98.0	BWR	6/16/1986	8/29/2025
	<b>974</b>	<b>8,363</b>	<b>98.0</b>			

Data for 2010

BWR = Boiling Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."



## Massachusetts

### Massachusetts total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>685</b>	<b>5.0</b>	<b>5,918</b>	<b>13.8</b>
Coal	1,669	12.2	8,306	19.4
Hydro and Pumped Storage	1,942	14.2	659	1.5
Natural Gas	6,063	44.3	25,582	59.8
Other <sup>1</sup>	3	*	771	1.8
Other Renewable <sup>1</sup>	304	2.2	1,274	3.0
Petroleum	3,031	22.1	296	0.7
<b>Total</b>	<b>13,697</b>	<b>100.0</b>	<b>42,805</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

\* = Absolute percentage less than 0.05.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

### Massachusetts nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
Pilgrim Nuclear Power Station				
Unit 1	685	5,918	100.0	Entergy Nuclear Generation Co
<b>1 Plant</b>				
<b>1 Reactor</b>	<b>685</b>	<b>5,918</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Pilgrim Nuclear Power Station

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	685	5,918	98.7	BWR	12/1/1972	6/8/2012
	<b>685</b>	<b>5,918</b>	<b>98.7</b>			

Data for 2010

BWR = Boiling Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Maryland

### Maryland total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State	Net generation (thousand mwh)	Share of State
		total (percent)		total (percent)
<b>Nuclear</b>	<b>1,705</b>	<b>13.6</b>	<b>13,994</b>	<b>32.1</b>
Coal	4,886	39.0	23,668	54.3
Hydro and Pumped Storage	590	4.7	1,667	3.8
Natural Gas	2,041	16.3	2,897	6.6
Other <sup>1</sup>	152	1.2	485	1.1
Other Renewable <sup>1</sup>	209	1.7	574	1.3
Petroleum	2,933	23.4	322	0.7
<b>Total</b>	<b>12,516</b>	<b>100.0</b>	<b>43,607</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

### Maryland nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State	Owner
			nuclear net generation (percent)	
Calvert Cliffs Nuclear Power Plant Unit 1, Unit 2	1,705	13,994	100.0	Calvert Cliffs Nuclear PP Inc
<b>1 Plant</b>				
<b>2 Reactors</b>	<b>1,705</b>	<b>13,994</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Calvert Cliffs Nuclear Power Plant

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	855	6,755	90.2	PWR	5/8/1975	7/31/2034
2	850	7,239	97.2	PWR	4/1/1977	8/13/2036
	<b>1,705</b>	<b>13,994</b>	<b>93.7</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

# Michigan

## Michigan total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy Source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>3,947</b>	<b>13.2</b>	<b>29,625</b>	<b>26.6</b>
Coal	11,531	38.7	65,604	58.8
Hydro and Pumped Storage	2,109	7.1	228	0.2
Natural Gas	11,033	37.0	12,249	11.0
Other <sup>1</sup>	-	-	631	0.6
Other Renewable <sup>1</sup>	571	1.9	2,832	2.5
Petroleum	640	2.1	382	0.3
<b>Total</b>	<b>29,831</b>	<b>100.0</b>	<b>111,551</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

- = No data reported.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Michigan nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
Donald C Cook				
Unit 1, Unit 2	2,069	15,646	52.8	Indiana Michigan Power Co
Fermi				
Unit 2	1,085	7,738	26.1	Detroit Edison Co
Palisades				
Unit 1	793	6,241	21.1	Entergy Nuclear Palisades LLC
<b>3 Plants</b>				
<b>4 Reactors</b>	<b>3,947</b>	<b>29,625</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Donald Cook

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,009	7,807	88.3	PWR	8/28/1975	10/25/2034
2	1,060	7,839	84.4	PWR	7/1/1978	12/23/2037
	<b>2,069</b>	<b>15,646</b>	<b>86.3</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Fermi

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
2	1,085	7,738	81.4	BWR	1/23/1988	3/20/2025
	<b>1,085</b>	<b>7,738</b>	<b>81.4</b>			

Data for 2010

BWR = Boiling Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Palisades

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	793	6,241	89.8	PWR	12/31/1971	3/24/2031
	<b>793</b>	<b>6,241</b>	<b>89.8</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

# Minnesota

## Minnesota total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State	Net generation (thousand mwh)	Share of State
		total (percent)		total (percent)
<b>Nuclear</b>	<b>1,594</b>	<b>10.8</b>	<b>13,478</b>	<b>25.1</b>
Coal	4,789	32.5	28,083	52.3
Hydro and Pumped Storage	193	1.3	840	1.6
Natural Gas	4,936	33.5	4,341	8.1
Other <sup>1</sup>	13	0.1	258	0.5
Other Renewable <sup>1</sup>	2,395	16.3	6,640	12.4
Petroleum	795	5.4	31	0.1
<b>Total</b>	<b>14,715</b>	<b>100.0</b>	<b>53,670</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Minnesota nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State	Owner
			nuclear net generation (percent)	
Monticello				
Unit 1	554	4,695	34.8	Northern States Power Co - Minnesota
Prairie Island				
Unit 1, Unit 2	1,040	8,783	65.2	Northern States Power Co - Minnesota
<b>2 Plants</b>				
<b>3 Reactors</b>	<b>1,594</b>	<b>13,478</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Monicello

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	554	4,695	96.7	BWR	6/30/1971	9/8/2030
	<b>554</b>	<b>4,695</b>	<b>96.7</b>			

Data for 2010

BWR = Boiling Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Prairie Island

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	521	4,655	102.0	PWR	12/16/1973	8/9/2013
2	519	4,128	90.8	PWR	12/21/1974	10/29/2014
	<b>1,040</b>	<b>8,783</b>	<b>96.4</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."



# Missouri

## Missouri total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>1,190</b>	<b>5.5</b>	<b>8,996</b>	<b>9.7</b>
Coal	12,070	55.5	75,047	81.3
Hydro and Pumped Storage	1,221	5.6	2,427	2.6
Natural Gas	5,579	25.7	4,690	5.1
Other <sup>1</sup>	-	-	39	*
Other Renewable <sup>1</sup>	466	2.1	988	1.1
Petroleum	1,212	5.6	126	0.1
<b>Total</b>	<b>21,739</b>	<b>100.0</b>	<b>92,313</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

\* = Absolute percentage less than 0.05.

- = No data reported.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Missouri nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
Callaway				
Unit 1	1,190	8,996	100.0	Union Electric Co
<b>1 Plant</b>				
<b>1 Reactor</b>	<b>1,190</b>	<b>8,996</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Callaway

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,190	8,996	86.3	PWR	12/19/1984	10/18/2024
	<b>1,190</b>	<b>8,996</b>	<b>86.3</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

# Mississippi

## Mississippi total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>1,251</b>	<b>8.0</b>	<b>9,643</b>	<b>17.7</b>
Coal	2,526	16.1	13,629	25.0
Natural Gas	11,640	74.2	29,619	54.4
Other <sup>1</sup>	4	*	10	*
Other Renewable <sup>1</sup>	235	1.5	1,504	2.8
Petroleum	35	0.2	81	0.1
<b>Total</b>	<b>15,691</b>	<b>100.0</b>	<b>54,487</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

\* = Absolute percentage less than 0.05.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Mississippi nuclear power plants, summer capacity and net generation, 2009

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
Grand Gulf				
Unit 1	1,251	9,643	100.0	System Energy Resources, Inc
<b>1 Plant</b>				
<b>1 Reactor</b>	<b>1,251</b>	<b>9,643</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Grand Gulf

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,251	9,643	88.0	BWR	7/1/1985	11/1/2024
	<b>1,251</b>	<b>9,643</b>	<b>88.0</b>			

Data for 2010

BWR = Boiling Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## North Carolina

### North Carolina total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>4,958</b>	<b>17.9</b>	<b>40,740</b>	<b>31.7</b>
Coal	12,766	46.1	71,951	55.9
Hydro and Pumped Storage	2,042	7.4	4,757	3.7
Natural Gas	6,742	24.4	8,447	6.6
Other <sup>1</sup>	50	0.2	407	0.3
Other Renewable <sup>1</sup>	543	2.0	2,083	1.6
Petroleum	573	2.1	293	0.2
<b>Total</b>	<b>27,674</b>	<b>100.0</b>	<b>128,678</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

### North Carolina nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
Brunswick				
Unit 1, Unit 2	1,858	14,808	36.3	Progress Energy Carolinas Inc
Harris				
Unit 1	900	7,081	17.4	Progress Energy Carolinas Inc
McGuire				
Unit 1, Unit 2	2,200	18,850	46.3	Duke Energy Carolinas, LLC
<b>3 Plants</b>				
<b>5 Reactors</b>	<b>4,958</b>	<b>40,740</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Brunswick

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	938	6,808	82.9	BWR	3/18/1977	9/8/2036
2	920	8,000	99.3	BWR	11/3/1975	12/27/2034
	<b>1,858</b>	<b>14,808</b>	<b>91.0</b>			

Data for 2010

BWR = Boiling Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Harris

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	900	7,081	89.8	PWR	5/2/1987	10/24/2046
	<b>900</b>	<b>7,081</b>	<b>89.8</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

McGuire

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,100	8,836	91.7	PWR	12/1/1981	6/12/2041
2	1,100	10,015	103.9	PWR	3/1/1984	3/3/2043
	<b>2,200</b>	<b>18,850</b>	<b>97.8</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Nebraska

### Nebraska total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>1,245</b>	<b>15.8</b>	<b>11,054</b>	<b>30.2</b>
Coal	3,932	50.0	23,363	63.8
Hydro and Pumped Storage	278	3.5	1,314	3.6
Natural Gas	1,849	23.5	375	1.0
Other Renewable <sup>1</sup>	165	2.1	493	1.3
Petroleum	387	4.9	31	0.1
<b>Total</b>	<b>7,857</b>	<b>100.0</b>	<b>36,630</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

### Nebraska nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
Cooper				
Unit 1	767	6,793	61.4	Nebraska Public Power District
Fort Calhoun				
Unit 1	478	4,261	38.6	Omaha Public Power District
<b>2 Plants</b>				
<b>2 Reactors</b>	<b>1,245</b>	<b>11,054</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

### Cooper

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	767	6,793	101.1	BWR	7/1/1974	1/18/2014
	<b>767</b>	<b>6,793</b>	<b>101.1</b>			

Data for 2010

BWR = Boiling Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Fort Calhoun

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	478	4,261	101.8	PWR	9/26/1973	8/9/2033
	<b>478</b>	<b>4,261</b>	<b>101.8</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."



## New Hampshire

### New Hampshire total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>1,247</b>	<b>29.8</b>	<b>10,910</b>	<b>49.2</b>
Coal	546	13.1	3,083	13.9
Hydro and Pumped Storage	489	11.7	1,478	6.7
Natural Gas	1,215	29.1	5,365	24.2
Other <sup>1</sup>	-	-	57	0.3
Other Renewable <sup>1</sup>	182	4.4	1,232	5.6
Petroleum	501	12.0	72	0.3
<b>Total</b>	<b>4,180</b>	<b>100.0</b>	<b>22,196</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

- = No data reported.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

### New Hampshire nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (nw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
Seabrook				
Unit 1	1,247	10,910	100.0	NextEra Energy Seabrook LLC
<b>1 Plant</b>				
<b>1 Reactor</b>	<b>1,247</b>	<b>10,910</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Seabrook

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,247	10,910	99.9	PWR	8/19/1990	3/15/2030
	<b>1,247</b>	<b>10,910</b>	<b>99.9</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## New Jersey

### New Jersey total electric power industry, summer capacity and net generation, by source, 2010

Primary energy source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>4,108</b>	<b>22.3</b>	<b>32,771</b>	<b>49.9</b>
Coal	2,036	11.1	6,418	9.8
Hydro and Pumped Storage	404	2.2	-176	-0.3
Natural Gas	10,244	55.6	24,902	37.9
Other <sup>1</sup>	56	0.3	682	1.0
Other Renewable <sup>1</sup>	226	1.2	850	1.3
Petroleum	1,351	7.3	235	0.4
<b>Total</b>	<b>18,424</b>	<b>100.0</b>	<b>65,682</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

### New Jersey nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
Oyster Creek				
Unit 1	615	4,601	14.0	Exelon Nuclear
PSEG Hope Creek Generating Station				
Unit 1	1,161	9,439	28.8	PSEG Nuclear LLC
PSEG Salem Generating Station				
Unit 1, Unit 2	2,332	18,731	57.2	PSEG Nuclear LLC
<b>3 Plants</b>				
<b>4 Reactors</b>	<b>4,108</b>	<b>32,771</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Oyster Creek

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	615	4,601	85.5	BWR	12/1/1969	4/9/2029
	<b>615</b>	<b>4,601</b>	<b>85.5</b>			

Data for 2010

BWR = Boiling Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## PSEG Hope Creek Generating Station

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,161	9,439	92.8	BWR	12/20/1986	4/11/2026
	<b>1,161</b>	<b>9,439</b>	<b>92.8</b>			

Data for 2010

BWR = Boiling Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## PSEG Salem Generating Station

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,174	8,777	85.3	PWR	6/30/1977	8/13/2016
2	1,158	9,955	98.1	PWR	10/13/1981	4/18/2020
	<b>2,332</b>	<b>18,731</b>	<b>91.7</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## New York

### New York total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>5,271</b>	<b>13.4</b>	<b>41,870</b>	<b>30.6</b>
Coal	2,781	7.1	13,583	9.9
Hydro and Pumped Storage	5,714	14.5	24,942	18.2
Natural Gas	17,407	44.2	48,916	35.7
Other <sup>1</sup>	45	0.1	832	0.6
Other Renewable <sup>1</sup>	1,719	4.4	4,815	3.5
Petroleum	6,421	16.3	2,005	1.5
<b>Total</b>	<b>39,357</b>	<b>100.0</b>	<b>136,962</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

### New York nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
Indian Point Unit 2, Unit 3	2,063	16,321	39.0	Entergy Nuclear Indian Point
James A Fitzpatrick Unit 1	855	6,361	15.2	Entergy Nuc Fitzpatrick LLC
Nine Mile Point Nuclear Station Unit 1, Unit 2	1,773	14,239	34.0	Nine Mile Point Nuclear Sta LLC
R E Ginna Nuclear Power Plant Unit 1	581	4,948	11.8	R.E. Ginna Nuclear Power Plant, LLC
<b>4 Plants</b>				
<b>6 Reactors</b>	<b>5,271</b>	<b>41,870</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Indian Point

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
2	1,022	7,326	81.8	PWR	8/1/1974	9/28/2013
3	1,040	8,995	98.7	PWR	8/30/1976	12/15/2015
	<b>2,063</b>	<b>16,321</b>	<b>90.3</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Nine Mile Point Nuclear Station

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	630	5,294	95.9	BWR	12/1/1969	8/22/2029
2	1,143	8,945	89.3	BWR	3/11/1988	10/31/2046
	<b>1,773</b>	<b>14,239</b>	<b>91.7</b>			

Data for 2010

BWR = Boiling Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## James A Fitzpatrick

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	855	6,361	84.9	BWR	7/28/1975	10/17/2034
	<b>855</b>	<b>6,361</b>	<b>84.9</b>			

Data for 2010

BWR = Boiling Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## R E Ginna Nuclear Power Plant

Unit	Summer Capacity (MW)	Net Generation (Thousand MWh)	Summer Capacity Factor (Percent)	Type	Commercial Operation Date	License Expiration Date
1	581	4,948	97.2	PWR	7/1/1970	9/18/2029
	<b>581</b>	<b>4,948</b>	<b>97.2</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Ohio

### Ohio total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>2,134</b>	<b>6.5</b>	<b>15,805</b>	<b>11.0</b>
Coal	21,360	64.6	117,828	82.1
Hydro and Pumped Storage	101	0.3	429	0.3
Natural Gas	8,203	24.8	7,128	5.0
Other <sup>1</sup>	123	0.4	266	0.2
Other Renewable <sup>1</sup>	130	0.4	700	0.5
Petroleum	1,019	3.1	1,442	1.0
<b>Total</b>	<b>33,071</b>	<b>100.0</b>	<b>143,598</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

### Ohio nuclear power plants, summer capacity and net generation, 2009

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
Davis Besse				
Unit 1	894	5,185	32.8	FirstEnergy Nuclear Operating Company
Perry				
Unit 1	1,240	10,620	67.2	FirstEnergy Nuclear Operating Company
<b>2 Plants</b>				
<b>2 Reactors</b>	<b>2,134</b>	<b>15,805</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."



## Davis Besse

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	894	5,185	66.2	PWR	7/31/1978	4/22/2017
	<b>894</b>	<b>5,185</b>	<b>66.2</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Perry

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,240	10,620	97.8	BWR	11/18/1987	3/18/2026
	<b>1,240</b>	<b>10,620</b>	<b>97.8</b>			

Data for 2010

BWR = Boiling Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

# Pennsylvania

## Pennsylvania total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>9,540</b>	<b>20.9</b>	<b>77,828</b>	<b>33.9</b>
Coal	18,481	40.6	110,369	48.0
Hydro and Pumped Storage	2,268	5.0	1,624	0.7
Natural Gas	9,415	20.7	33,718	14.7
Other <sup>1</sup>	100	0.2	1,396	0.6
Other Renewable <sup>1</sup>	1,237	2.7	4,245	1.8
Petroleum	4,534	9.9	571	0.2
<b>Total</b>	<b>45,575</b>	<b>100.0</b>	<b>229,752</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Pennsylvania nuclear power plants, summer capacity and net generation, 2009

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
Beaver Valley				
Unit 1, Unit 2	1,777	14,994	19.3	FirstEnergy Nuclear Operating Company
Limerick				
Unit 1, Unit 2	2,264	18,926	24.3	Exelon Nuclear
PPL Susquehanna				
Unit 1, Unit 2	2,450	18,516	23.8	PPL Susquehanna LLC
Peach Bottom				
Unit 2, Unit 3	2,244	18,759	24.1	Exelon Nuclear
Three Mile Island				
Unit 1	805	6,634	8.5	Exelon Nuclear
<b>5 Plants</b>				
<b>9 Reactors</b>	<b>9,540</b>	<b>77,828</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Beaver Valley

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	892	7,119	91.1	PWR	10/1/1976	1/29/2036
2	885	7,874	101.6	PWR	11/17/1987	5/27/2047
	<b>1,777</b>	<b>14,994</b>	<b>96.3</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Limerick

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,130	9,047	91.4	BWR	2/1/1986	10/26/2024
2	1,134	9,879	99.4	BWR	1/8/1990	6/22/2029
	<b>2,264</b>	<b>18,926</b>	<b>95.4</b>			

Data for 2010

BWR = Boiling Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## PPL Susquehanna

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,260	8,294	75.1	BWR	6/8/1983	7/17/2042
2	1,190	10,221	98.1	BWR	2/12/1985	3/23/2044
	<b>2,450</b>	<b>18,516</b>	<b>86.3</b>			

Data for 2010

BWR = Boiling Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Peach Bottom

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
2	1,122	9,000	91.6	BWR	7/5/1974	8/8/2033
3	1,122	9,759	99.3	BWR	12/23/1974	7/2/2034
	<b>2,244</b>	<b>18,759</b>	<b>95.4</b>			

Data for 2010

BWR = Boiling Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Three Mile Island

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	805	6,634	94.1	PWR	9/2/1974	4/19/2034
	<b>805</b>	<b>6,634</b>	<b>94.1</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## South Carolina

### South Carolina total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>6,486</b>	<b>27.0</b>	<b>51,988</b>	<b>49.9</b>
Coal	7,230	30.1	37,671	36.2
Hydro and Pumped Storage	4,006	16.7	1,442	1.4
Natural Gas	5,308	22.1	10,927	10.5
Other <sup>1</sup>	-	-	61	0.1
Other Renewable <sup>1</sup>	284	1.2	1,873	1.8
Petroleum	670	2.8	191	0.2
<b>Total</b>	<b>23,982</b>	<b>100.0</b>	<b>104,153</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

- = No data reported.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

### South Carolina nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
Catawba				
Unit 1, Unit 2	2,258	18,964	36.5	Duke Energy Carolinas, LLC
H B Robinson				
Unit 2	724	3,594	6.9	Progress Energy Carolinas Inc
Oconee				
Unit 1, Unit 2, Unit 3	2,538	20,943	40.3	Duke Energy Carolinas, LLC
V C Summer				
Unit 1	966	8,487	16.3	South Carolina Electric&Gas Co
<b>4 Plants</b>				
<b>7 Reactors</b>	<b>6,486</b>	<b>51,988</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Catawba

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,129	9,889	100.0	PWR	6/29/1985	12/5/2043
2	1,129	9,075	91.8	PWR	8/19/1986	12/5/2043
	<b>2,258</b>	<b>18,964</b>	<b>95.9</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## H B Robinson

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
2	724	3,594	56.7	PWR	3/7/1971	7/31/2030
	<b>724</b>	<b>3,594</b>	<b>56.7</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Oconee

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	846	7,434	100.3	PWR	7/15/1973	2/6/2033
2	846	6,731	90.8	PWR	9/9/1974	10/6/2033
3	846	6,779	91.5	PWR	12/16/1974	7/19/2034
	<b>2,538</b>	<b>20,943</b>	<b>94.2</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## V C Summer

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	966	8,487	100.3	PWR	1/1/1984	8/6/2042
	<b>966</b>	<b>8,487</b>	<b>100.3</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

# Tennessee

## Tennessee total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>3,401</b>	<b>15.9</b>	<b>27,739</b>	<b>33.7</b>
Coal	8,805	41.1	43,670	53.0
Hydro and Pumped Storage	4,277	20.0	7,416	9.0
Natural Gas	4,655	21.7	2,302	2.8
Other <sup>1</sup>	-	-	16	*
Other Renewable <sup>1</sup>	222	1.0	988	1.2
Petroleum	58	0.3	217	0.3
<b>Total</b>	<b>21,417</b>	<b>100.0</b>	<b>82,349</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

\* = Absolute percentage less than 0.05.

- = No data reported.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Tennessee nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
Sequoyah				
Unit 1, Unit 2	2,278	18,001	64.9	Tennessee Valley Authority
Watts Bar Nuclear Plant				
Unit 1	1,123	9,738	35.1	Tennessee Valley Authority
<b>2 Plants</b>				
<b>3 Reactors</b>	<b>3,401</b>	<b>27,739</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."



## Sequoyah

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,152	8,464	83.9	PWR	7/1/1981	9/17/2020
2	1,126	9,537	96.7	PWR	6/1/1982	9/15/2021
	<b>2,278</b>	<b>18,001</b>	<b>90.2</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Watts Bar Nuclear Plant

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,123	9,738	99.0	PWR	5/27/1996	11/9/2035
	<b>1,123</b>	<b>9,738</b>	<b>99.0</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

# Texas

## Texas total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>4,966</b>	<b>4.6</b>	<b>41,335</b>	<b>10.0</b>
Coal	22,335	20.6	150,173	36.5
Hydro and Pumped Storage	689	0.6	1,262	0.3
Natural Gas	69,291	64.0	186,882	45.4
Other <sup>1</sup>	477	0.4	3,630	0.9
Other Renewable <sup>1</sup>	10,295	9.5	27,705	6.7
Petroleum	204	0.2	708	0.2
<b>Total</b>	<b>108,258</b>	<b>100.0</b>	<b>411,695</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Texas nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
Comanche Peak				
Unit 1, Unit 2	2,406	20,208	48.9	Luminant Generation Company LLC
South Texas Project				
Unit 1, Unit 2	2,560	21,127	51.1	STP Nuclear Operating Co
<b>2 Plants</b>				
<b>4 Reactors</b>	<b>4,966</b>	<b>41,335</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Comanche Peak

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,209	9,677	91.4	PWR	8/13/1990	2/8/2030
2	1,197	10,532	100.4	PWR	8/3/1993	2/2/2033
	<b>2,406</b>	<b>20,208</b>	<b>95.9</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## South Texas Project

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,280	11,304	100.8	PWR	8/25/1988	8/20/2027
2	1,280	9,823	87.6	PWR	6/19/1989	12/15/2028
	<b>2,560</b>	<b>21,127</b>	<b>94.2</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

# Virginia

## Virginia total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>3,501</b>	<b>14.5</b>	<b>26,572</b>	<b>36.4</b>
Coal	5,868	24.3	25,459	34.9
Hydro and Pumped Storage	4,107	17.0	10	*
Natural Gas	7,581	31.4	16,999	23.3
Other <sup>1</sup>	-	-	414	0.6
Other Renewable <sup>1</sup>	621	2.6	2,220	3.0
Petroleum	2,432	10.1	1,293	1.8
<b>Total</b>	<b>24,109</b>	<b>100.0</b>	<b>72,966</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

\* = Absolute percentage less than 0.05.

- = No data reported.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Virginia nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
North Anna				
Unit 1, Unit 2	1,863	13,399	50.4	Virginia Electric & Power Co
Surry				
Unit 1, Unit 2	1,638	13,172	49.6	Virginia Electric & Power Co
<b>2 Plants</b>				
<b>4 Reactors</b>	<b>3,501</b>	<b>26,572</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## North Anna

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	920	6,780	84.1	PWR	6/6/1978	4/1/2038
2	943	6,620	80.1	PWR	12/14/1980	8/21/2040
	<b>1,863</b>	<b>13,399</b>	<b>82.1</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Surry

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	839	6,206	84.4	PWR	12/22/1972	5/25/2032
2	799	6,966	99.5	PWR	5/1/1973	1/29/2033
	<b>1,638</b>	<b>13,172</b>	<b>91.8</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Vermont

### Vermont total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>620</b>	<b>55.0</b>	<b>4,782</b>	<b>72.2</b>
Hydro and Pumped Storage	324	28.7	1,347	20.3
Natural Gas	-	-	4	0.1
Other Renewable <sup>1</sup>	84	7.5	482	7.3
Petroleum	100	8.9	5	0.1
<b>Total</b>	<b>1,128</b>	<b>100.0</b>	<b>6,620</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

- = No data reported.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

### Vermont nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
Vermont Yankee				
Unit 1	620	4,782	100.0	Energy Nuclear Vermont Yankee
<b>1 Plant</b>				
<b>1 Reactor</b>	<b>620</b>	<b>4,782</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

### Vermont Yankee

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	620	4,782	88.0	BWR	11/30/1972	3/21/2012
	<b>620</b>	<b>4,782</b>	<b>88.0</b>			

Data for 2010

BWR = Boiling Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Washington

### Washington total electric power industry, summer capacity and net generation, by energy source, 2010

Primary Energy Source	Summer capacity (mw)	Share of State	Net generation (thousand mwh)	Share of State
		total (percent)		total (percent)
<b>Nuclear</b>	<b>1,097</b>	<b>3.6</b>	<b>9,241</b>	<b>8.9</b>
Coal	1,340	4.4	8,527	8.2
Hydro and Pumped Storage	21,495	70.5	68,342	66.0
Natural Gas	3,828	12.6	10,359	10.0
Other <sup>1</sup>	-	-	354	0.3
Other Renewable <sup>1</sup>	2,703	8.9	6,617	6.4
Petroleum	15	*	32	*
<b>Total</b>	<b>30,478</b>	<b>100.0</b>	<b>103,473</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

\* = Absolute percentage less than 0.05.

- = No data reported.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

### Washington nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State	Owner
			nuclear net generation (percent)	
Columbia Generating Station				
Unit 2	1,097	9,241	100.0	Energy Northwest
<b>1 Plant</b>				
<b>1 Reactor</b>	<b>1,097</b>	<b>9,241</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Columbia Generating Station

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
2	1,097	9,241	96.2	BWR	12/13/1984	12/20/2023
	<b>1,097</b>	<b>9,241</b>	<b>96.2</b>			

Data for 2010

BWR = Boiling Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."



## Wisconsin

### Wisconsin total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
<b>Nuclear</b>	<b>1,584</b>	<b>8.9</b>	<b>13,281</b>	<b>20.7</b>
Coal	8,063	45.2	40,169	62.5
Hydro and Pumped Storage	492	2.8	2,112	3.3
Natural Gas	6,110	34.3	5,497	8.5
Other <sup>1</sup>	21	0.1	63	0.1
Other Renewable <sup>1</sup>	775	4.3	2,474	3.8
Petroleum	790	4.4	718	1.1
<b>Total</b>	<b>17,836</b>	<b>100.0</b>	<b>64,314</b>	<b>100.0</b>

<sup>1</sup>Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

**Notes:** Totals may not equal sum of components due to independent rounding.

**Other:** Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

**Other Renewable:** 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.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

### Wisconsin nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
Kewaunee				
Unit 1	566	4,990	37.6	Dominion Energy Kewaunee Inc.
Point Beach Nuclear Plant				
Unit 1, Unit 2	1,018	8,291	62.4	NextEra Energy Point Beach LLC
<b>2 Plants</b>				
<b>3 Reactors</b>	<b>1,584</b>	<b>13,281</b>	<b>100.0</b>	

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Kewaunee

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	566	4,990	100.6	PWR	6/16/1974	12/21/2013
	<b>566</b>	<b>4,990</b>	<b>100.6</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

## Point Beach Nuclear Plant

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	506	3,954	89.2	PWR	12/21/1970	10/5/2030
2	512	4,336	96.7	PWR	10/1/1972	3/8/2033
	<b>1,018</b>	<b>8,291</b>	<b>93.0</b>			

Data for 2010

PWR = Pressurized Light Water Reactor.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."