

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)
Nuclear	9,540	20.9	77,828	33.9
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 ¹	100	0.2	1,396	0.6
Other Renewable ¹	1,237	2.7	4,245	1.8
Petroleum	4,534	9.9	571	0.2
Total	45,575	100.0	229,752	100.0

¹Municipal 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
5 Plants				
9 Reactors	9,540	77,828	100.0	

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
	1,777	14,994	96.3			

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
	2,264	18,926	95.4			

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
	2,450	18,516	86.3			

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
	2,244	18,759	95.4			

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
	805	6,634	94.1			

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."