

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)
Nuclear	11,441	25.9	96,190	47.8
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 ¹	145	0.3	461	0.2
Other Renewable ¹	2,078	4.7	5,138	2.6
Petroleum	1,106	2.5	110	0.1
Total	44,127	100.0	201,352	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."

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
6 Plants				
11 Reactors	11,441	96,190	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."

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
	1,065	8,612	92.3			

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."

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
	1,734	14,593	96.1			

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
	1,774	14,796	95.2			

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
	2,330	19,200	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."

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
	2,300	19,856	98.5			

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
	2,238	19,133	97.6			

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."