

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)
Nuclear	4,958	17.9	40,740	31.7
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 ¹	50	0.2	407	0.3
Other Renewable ¹	543	2.0	2,083	1.6
Petroleum	573	2.1	293	0.2
Total	27,674	100.0	128,678	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."

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
3 Plants				
5 Reactors	4,958	40,740	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."

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
	1,858	14,808	91.0			

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
	900	7,081	89.8			

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
	2,200	18,850	97.8			

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."