

Nebraska's Annual Electricity Net Generation by Energy Source and by Producer 2018 – 2019

(Megawatthours)

Year / Energy Source / Producer	Coal	Conventional Hydroelectric	Natural Gas	Nuclear	Other	Other Biomass	Other Gases	Petroleum	Solar Thermal and Photovoltaic	Wind	Wood and Wood-Derived Fuels	Total
2019												
Combined Heat and Power, Commercial Power	—	—	4,188	—	—	13,332	—	—	—	—	—	17,520
Combined Heat and Power, Electric Power	—	—	—	—	—	—	—	—	—	—	—	—
Combined Heat and Power, Industrial Power	347,563	—	0	—	0	0	—	—	—	—	0	347,563
Electric Generators, Electric Utilities	20,037,860	1,340,252	1,272,668	6,951,600	—	71,186	—	16,168	4,628	324,130	—	30,018,492
Electric Generators, Independent Power Producers	—	—	—	—	—	—	—	—	27,078	6,886,962	—	6,914,040
Total Electric Power Industry	20,385,423	1,340,252	1,276,856	6,951,600	0	84,518	—	16,168	31,706	7,211,092	0	37,297,615
2018												
Combined Heat and Power, Commercial Power	—	—	3,290	—	—	14,939	—	—	—	—	—	18,229
Combined Heat and Power, Electric Power	—	—	—	—	—	—	—	—	—	—	—	—
Combined Heat and Power, Industrial Power	373,842	—	0	—	0	0	—	—	—	—	0	373,842
Electric Generators, Electric Utilities	22,931,366	1,382,073	961,500	5,632,140	—	78,374	—	12,474	0	168,839	—	31,166,766
Electric Generators, Independent Power Producers	—	—	—	—	—	—	—	—	27,112	5,380,267	—	5,407,379
Total Electric Power Industry	23,305,208	1,382,073	964,790	5,632,140	0	93,313	—	12,474	27,112	5,549,106	0	36,966,216

Sources: *Electric Power Annual*. Energy Information Administration, Washington, DC. Nebraska Department of Water, Energy, and Environment, Lincoln, NE.

Notes: Totals may not equal the sum of the components due to independent rounding, and totals from one table to the next may not be equivalent.

Coal includes anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels, and miscellaneous technologies.

Other Biomass includes biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts, other biomass solids, other biomass liquids, and other biomass gases (including digester gases and methane).

Other Gases include blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

Petroleum includes distillate fuel oil (all diesel and No. 1, No. 2, and No. 4 fuel oils), residual fuel oil (No. 5 and No. 6 fuel oils and bunker C fuel oil), jet fuel, kerosene, petroleum coke, and waste oil.

Wood and Wood-Derived Fuels include paper pellets, railroad ties, utility poles, wood chips, bark, red liquor, sludge wood, spent sulfite liquor, and black liquor, with other wood waste solids and wood-based liquids.