

Schiller, NH

Facility Information

Facility ID: **2367**
Unit ID: **4**
State: **New Hampshire**
County: **Rockingham County**
Operating Status: **Operating**
Primary fuel type: **Coal**
Associated generators - nameplate capacity (MW): **4 (50)**
Historical hourly generation (MWh): **27 [0-55]**
Historical data availability: **Low**

Table 1: Simulated probabilistic estimation of annual generation and emissions for Schiller power plant, NH (Unit ID: 4).

Metric	P01	P05	P10	P25	P50	P75	P90	P95	P99
Electricity generation (GWh)	123.73	128.42	134.29	151.81	177.98	200.99	214.61	219.13	222.75
CO ₂ emissions (thousand tons)	145.02	149.99	156.31	175.92	204.42	193.66	196.43	199.42	201.84
NO _x emissions (thousand lbs)	340.78	354.04	371.14	425.62	511.66	497.53	513.69	525.42	534.95
SO ₂ emissions (thousand lbs)	1024.89	1075.17	1141.81	1366.83	1757.94	1785.53	1906.34	1969.59	2020.88
Heat input (thousand mmBtu)	1648.25	1700.46	1765.73	1960.63	2250.01	2501.97	2650.49	2699.92	2739.47

Table 2: Simulated probabilistic estimation of annual emission ratios for Schiller power plant, NH (Unit ID: 4) compared to simulated probabilistic estimation of annual emissions in the state.

Metric	P01	P05	P10	P25	P50	P75	P90	P95	P99
CO ₂ emissions (%)	2.64	2.59	2.54	2.49	2.52	2.15	2.03	1.96	1.91
NO _x emissions (%)	5.34	5.31	5.27	5.22	5.21	4.16	3.48	3.21	3.02
SO ₂ emissions (%)	19.77	19.85	19.93	20.12	20.46	18.59	18.11	17.91	17.75

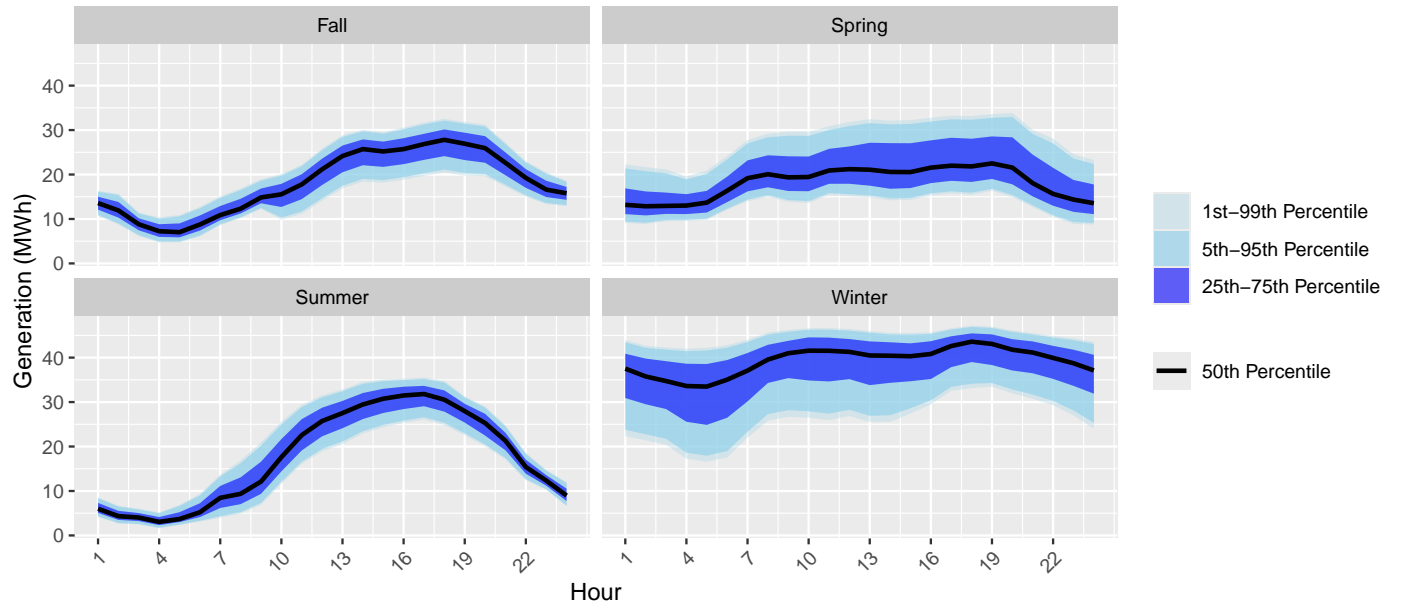


Figure 1: Simulated probabilistic hourly electricity generation distribution across seasons, showing mean percentile ranges per hour for this facility unit.

Note: The emissions and generation tables and plot only include hours where EPA CAMD data was available for simulation; hours with missing data are excluded from calculations and plotting.