

Schiller, NH

Facility Information

Facility ID: **2367**
Unit ID: **6**
State: **New Hampshire**
County: **Rockingham County**
Operating Status: **Operating**
Primary fuel type: **Coal**
Associated generators - nameplate capacity (MW): **6 (50)**
Historical hourly generation (MWh): **28 [0-56]**
Historical data availability: **Low**

Table 1: Simulated probabilistic estimation of annual generation and emissions for Schiller power plant, NH (Unit ID: 6).

Metric	P01	P05	P10	P25	P50	P75	P90	P95	P99
Electricity generation (GWh)	102.14	108.45	116.34	139.88	169.34	191.89	203.71	207.64	210.79
CO ₂ emissions (thousand tons)	117.60	124.19	132.54	158.13	187.06	166.01	152.83	154.84	156.46
NO _x emissions (thousand lbs)	240.90	255.81	275.32	339.25	432.65	407.32	381.01	391.12	399.34
SO ₂ emissions (thousand lbs)	751.74	806.62	880.79	1138.13	1521.35	1437.99	1374.83	1424.13	1464.13
Heat input (thousand mmBtu)	1347.73	1417.02	1503.63	1761.93	2082.00	2327.50	2456.14	2498.86	2533.04

Table 2: Simulated probabilistic estimation of annual emission ratios for Schiller power plant, NH (Unit ID: 6) compared to simulated probabilistic estimation of annual emissions in the state.

Metric	P01	P05	P10	P25	P50	P75	P90	P95	P99
CO ₂ emissions (%)	2.14	2.15	2.15	2.24	2.30	1.84	1.58	1.52	1.48
NO _x emissions (%)	3.78	3.84	3.91	4.16	4.40	3.41	2.58	2.39	2.26
SO ₂ emissions (%)	14.50	14.89	15.37	16.76	17.71	14.97	13.06	12.95	12.86

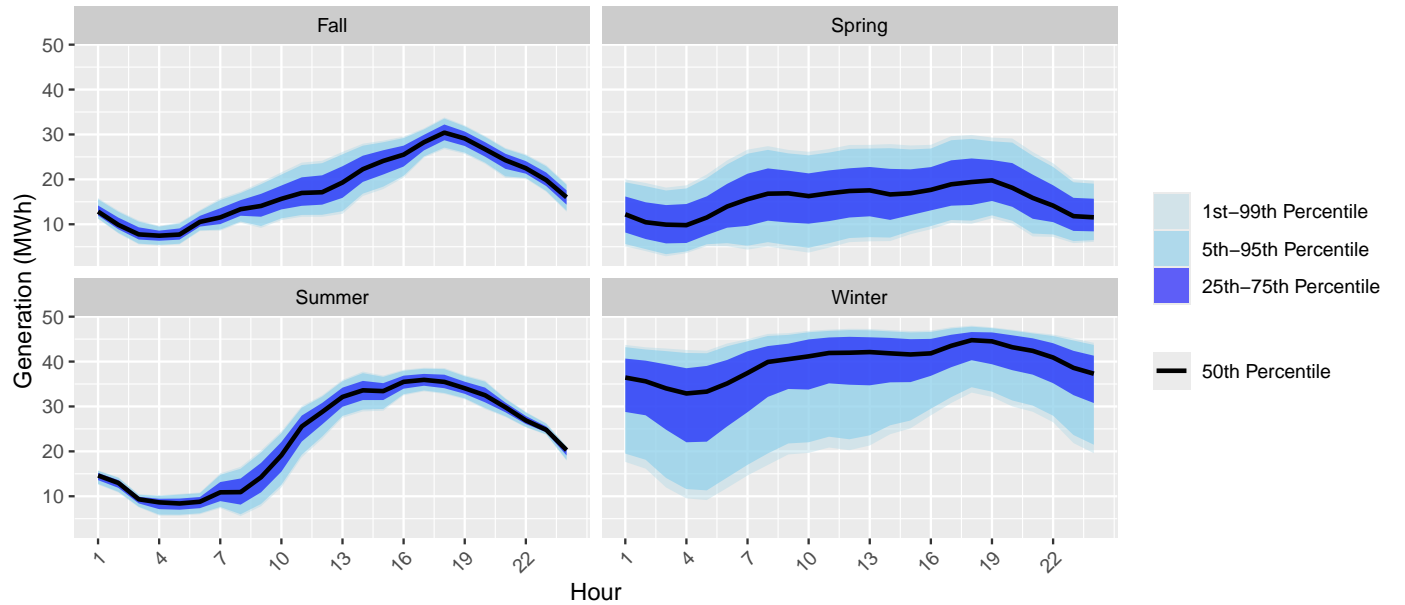


Figure 1: Simulated probabilistic hourly electricity generation distribution across seasons, showing mean percentile ranges per hour for this facility unit.

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.