

Schiller, NH

Facility Information

Facility ID: **2367**
Unit ID: **5**
State: **New Hampshire**
County: **Rockingham County**
Operating Status: **Operating**
Primary fuel type: **Wood**
Associated generators - nameplate capacity (MW): **5 (50)**
Historical hourly generation (MWh): **43 [0-50]**
Historical data availability: **High**

Table 1: Simulated probabilistic estimation of annual generation and emissions for Schiller power plant, NH (Unit ID: 5).

Metric	P01	P05	P10	P25	P50	P75	P90	P95	P99
Electricity generation (GWh)	305.26	318.02	333.97	367.48	387.06	395.69	399.14	400.18	401.02
CO ₂ emissions (thousand tons)	430.77	451.99	479.03	539.47	584.63	622.72	614.32	634.77	651.21
NO _x emissions (thousand lbs)	270.03	285.33	305.00	348.80	380.47	407.15	413.74	435.11	452.28
SO ₂ emissions (thousand lbs)	1.00	1.21	1.49	2.22	3.34	4.73	7.92	10.09	11.84
Heat input (thousand mmBtu)	4701.37	4851.00	5038.02	5410.66	5583.18	5718.73	5893.21	5976.86	6043.78

Table 2: Simulated probabilistic estimation of annual emission ratios for Schiller power plant, NH (Unit ID: 5) compared to simulated probabilistic estimation of annual emissions in the state.

Metric	P01	P05	P10	P25	P50	P75	P90	P95	P99
CO ₂ emissions (%)	7.83	7.81	7.77	7.65	7.19	6.90	6.36	6.25	6.17
NO _x emissions (%)	4.23	4.28	4.33	4.28	3.87	3.41	2.81	2.66	2.55
SO ₂ emissions (%)	0.02	0.02	0.03	0.03	0.04	0.05	0.08	0.09	0.10

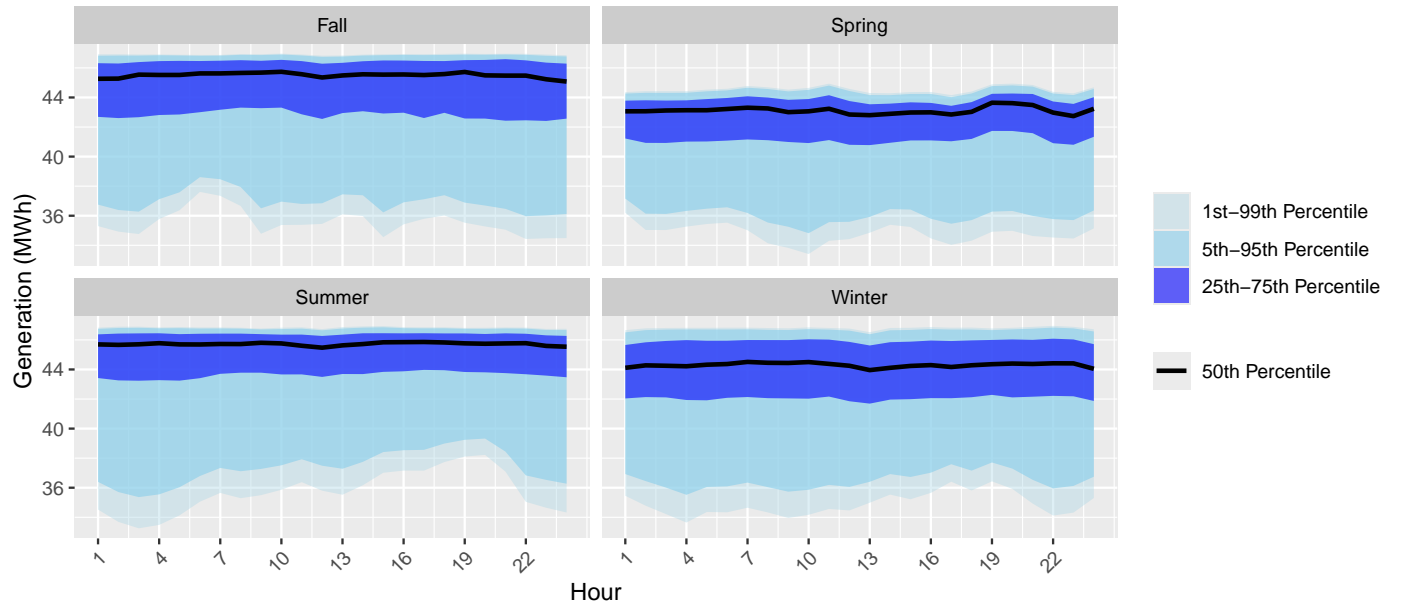


Figure 1: Simulated probabilistic hourly electricity generation distribution across seasons, showing mean percentile ranges per hour for this facility unit.

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.