

Schiller, NH

Facility Information

Facility ID: **2367**
Unit ID: **CT1**
State: **New Hampshire**
County: **Rockingham County**
Operating Status: **Operating**
Primary fuel type: **Other Oil**
Associated generators - nameplate capacity (MW): **GT1 (21.3)**
Historical hourly generation (MWh): **8 [0-21]**
Historical data availability: **Low**

Table 1: Simulated probabilistic estimation of annual generation and emissions for Schiller power plant, NH (Unit ID: CT1).

Metric	P01	P05	P10	P25	P50	P75	P90	P95	P99
Electricity generation (GWh)	1.56	1.56	1.57	1.58	1.60	1.62	1.63	1.63	1.63
CO ₂ emissions (thousand tons)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NO _x emissions (thousand lbs)	38.52	38.63	38.80	39.51	41.35	44.01	46.00	46.73	47.34
SO ₂ emissions (thousand lbs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heat input (thousand mmBtu)	54.26	54.26	54.26	54.26	54.26	54.26	54.26	54.26	54.26

Table 2: Simulated probabilistic estimation of annual emission ratios for Schiller power plant, NH (Unit ID: CT1) compared to simulated probabilistic estimation of annual emissions in the state.

Metric	P01	P05	P10	P25	P50	P75	P90	P95	P99
CO ₂ emissions (%)	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NO _x emissions (%)	0.6	0.58	0.55	0.49	0.42	0.37	0.31	0.29	0.27
SO ₂ emissions (%)	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

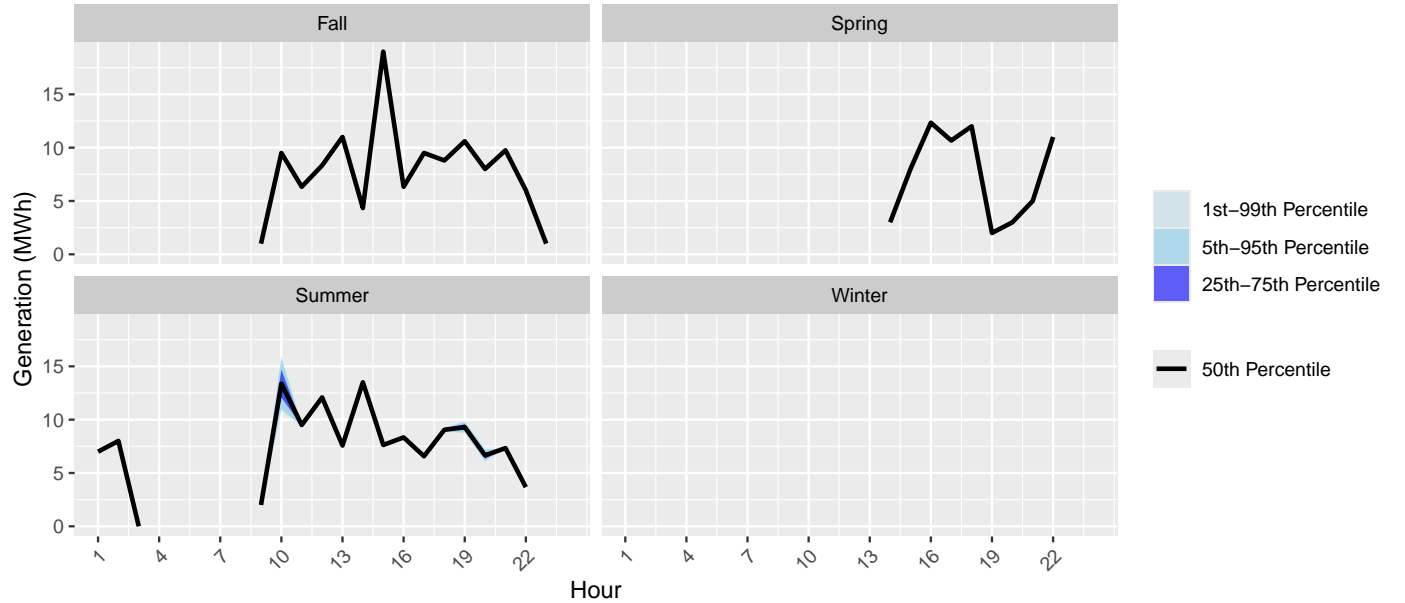


Figure 1: Simulated probabilistic hourly electricity generation distribution across seasons, showing mean percentile ranges per hour for this facility unit.

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.