

# White Lake, NH

## Facility Information

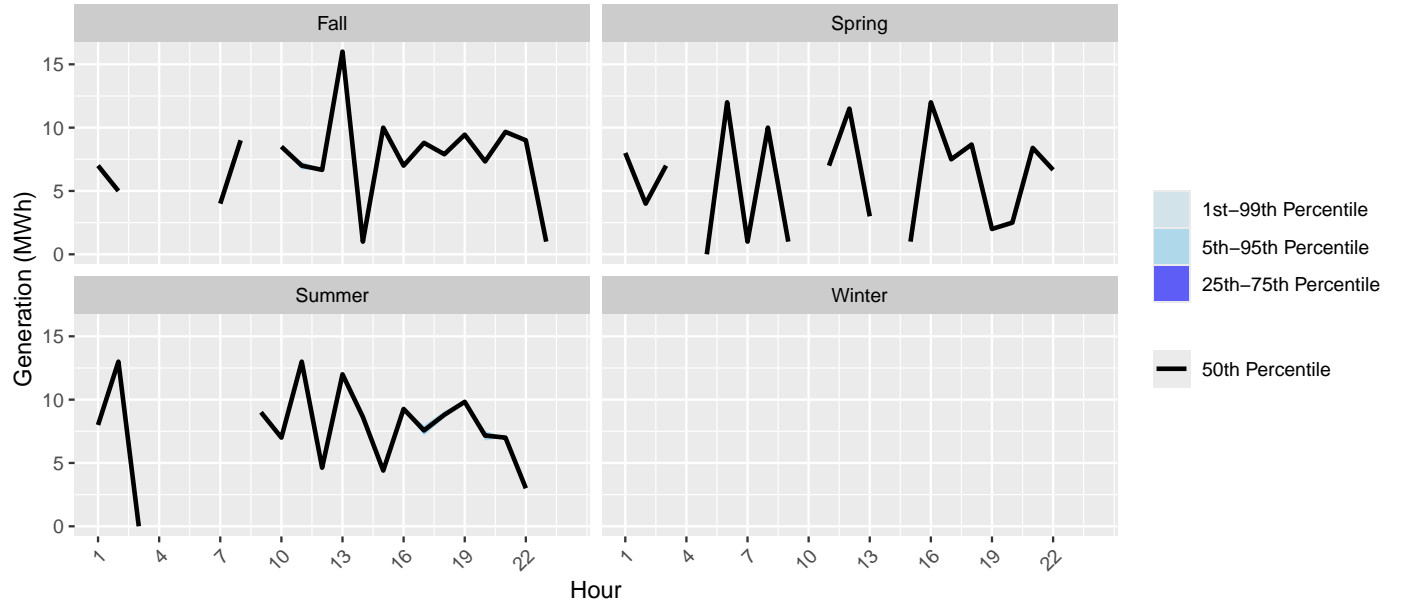
Facility ID: **2369**  
Unit ID: **CT1**  
State: **New Hampshire**  
County: **Carroll County**  
Operating Status: **Operating**  
Primary fuel type: **Other Oil**  
Associated generators - nameplate capacity (MW): **GT1 (18.6)**  
Historical hourly generation (MWh): **8 [0-19]**  
Historical data availability: **Low**

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

Metric	P01	P05	P10	P25	P50	P75	P90	P95	P99
Electricity generation (GWh)	2.11	2.11	2.12	2.13	2.14	2.16	2.17	2.17	2.17
CO <sub>2</sub> emissions (thousand tons)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NO <sub>x</sub> emissions (thousand lbs)	45.99	46.08	46.21	46.61	47.39	48.39	49.08	49.32	49.52
SO <sub>2</sub> 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)	66.01	66.01	66.01	66.01	66.01	66.01	66.01	66.01	66.01

**Table 2:** Simulated probabilistic estimation of annual emission ratios for White Lake 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 <sub>2</sub> emissions (%)	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.0	0.00
NO <sub>x</sub> emissions (%)	0.72	0.69	0.66	0.57	0.48	0.4	0.33	0.3	0.28
SO <sub>2</sub> emissions (%)	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.0	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.