

# Lost Nation, NH

## Facility Information

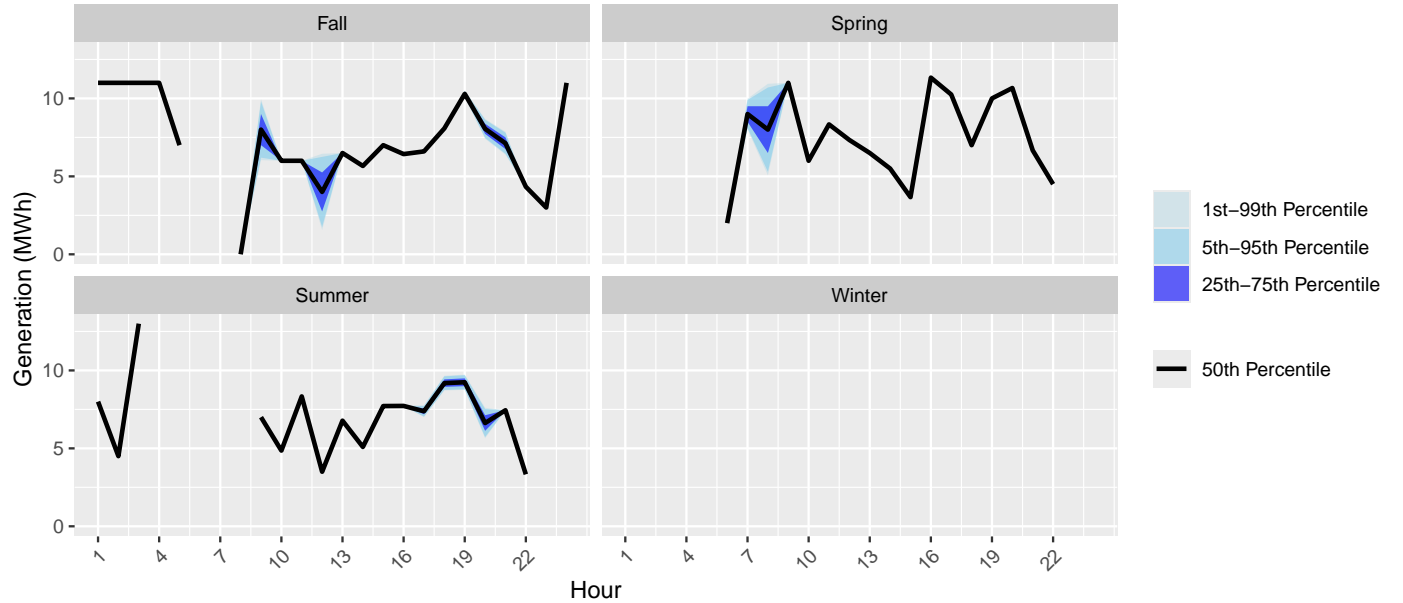
Facility ID: **2362**  
Unit ID: **CT1**  
State: **New Hampshire**  
County: **Coos County**  
Operating Status: **Operating**  
Primary fuel type: **Diesel Oil**  
Associated generators - nameplate capacity (MW): **GT1 (18)**  
Historical hourly generation (MWh): **8 [0-15]**  
Historical data availability: **Low**

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

Metric	P01	P05	P10	P25	P50	P75	P90	P95	P99
Electricity generation (GWh)	2.27	2.28	2.29	2.31	2.35	2.39	2.42	2.42	2.43
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)	45.93	46.11	46.37	47.44	50.15	54.04	56.93	57.99	58.88
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)	81.90	81.90	81.90	81.90	81.90	81.90	81.90	81.90	81.90

**Table 2:** Simulated probabilistic estimation of annual emission ratios for Lost Nation 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	0.00	0.00	0.00	0.00
NO <sub>x</sub> emissions (%)	0.72	0.69	0.66	0.58	0.51	0.45	0.39	0.35	0.33
SO <sub>2</sub> emissions (%)	0.00	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.