

# STATEMENT OF ENERGY PERFORMANCE

State Grain Lab  
821 17th St N.  
Great Falls MT 59401

Date: 8/24/2021  
Year Built: 1935  
Parent: N/A

	Baseline:	2012	2015	2017	2018	2019	Current:
Energy Date:	12/31/2007	12/31/2012	12/31/2015	12/31/2017	12/31/2018	12/31/2019	11/30/2012
Energy Star Score:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gross Floor Area:	7,585	7,754	7,921	7,921	7,921	7,921	7,726 Sq. Ft.
Heating Degree Days	7085	6724	6913	7640	7962	8695	6560
Cooling Degree Days	637	547	465	540	446	281	547
<b>Reported Annual Energy Use:</b>							
Site Energy Use:	423.8	N/A	N/A	N/A	N/A	N/A	438.2 MBTU
Site EUI:	55,878	N/A	N/A	N/A	N/A	N/A	56,716 BTU/ft2
Electricity:	20,239	48,540	47,431	62,076	66,885	62,872	48,541 kWh
Max Electric Demand:	17.0	27.0	27.3	28.1	27.8	25.3	27.0 kW
Natural Gas:	3,548	N/A	N/A	N/A	N/A	N/A	2,725 Therms
<b>Reported Annual Energy Cost:</b>							
Electricity Cost:	\$2,992	\$6,005	\$6,351	\$7,723	\$7,867	\$7,782	\$6,014
Electric Demand Cost:	\$1,623	\$2,483	\$2,447	\$2,838	\$2,718	\$2,767	\$2,506
Natural Gas Cost:	\$3,474	N/A	N/A	N/A	N/A	N/A	\$1,868
Total Energy Cost:	\$6,466	N/A	N/A	N/A	N/A	N/A	\$7,882
Energy Cost/ft2	\$0.852	N/A	N/A	N/A	N/A	N/A	\$1.020
<b>Weather Normalized Energy Use:</b>							
Site Energy Use:	452.7	N/A	N/A	N/A	N/A	N/A	493.4 MBTU
Site EUI:	59,681	N/A	N/A	N/A	N/A	N/A	63,863 BTU/ft2
Electricity:	20,239	48,540	47,431	62,076	66,885	62,872	48,541 kWh
Natural Gas:	3,836	N/A	N/A	N/A	N/A	N/A	3,278 Therms
<b>National Median Energy Use:</b>							
Site Energy Use:	1807.9	894.1	913.3	913.3	913.3	913.3	1436.5 MBTU
Site EUI:	238,351	115,306	115,306	115,306	115,306	115,306	185,938 BTU/ft2
<b>% Difference from National Median:</b>							
Site EUI:	-76.56%	N/A	N/A	N/A	N/A	N/A	-69.50%
<b>Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):</b>							
Direct Emissions:	18.8	N/A	N/A	N/A	N/A	N/A	14.5
Indirect Emissions:	5.9	8.3	13.8	18.1	19.5	18.3	14.2
Total Emissions:	24.8	N/A	N/A	N/A	N/A	N/A	28.6
<b>National Median Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):</b>							
Total Emissions:	105.6	63.4	64.7	64.7	64.7	64.7	93.9
<b>Adjusted Energy Based on Current Year:</b>							
Site Energy Use:	N/A	N/A	N/A	N/A	N/A	N/A	N/A MBTU
Site EUI:	N/A	N/A	N/A	N/A	N/A	N/A	N/A BTU/ft2
<b>% Difference Adjusted Site Energy Use</b>							
2012 to Baseline	N/A	<b>Note:</b> N/A has meanings as follows:					
2015 to Baseline	N/A	Energy Star Score: Not available for this type of property					
2017 to Baseline	N/A	Adjusted Energy Use: Not available for this property					
2018 to Baseline	N/A	Most other data: Not available due to insufficient or missing data					
2019 to Baseline	N/A						
Current to Baseline	N/A						
2019 to 2020	N/A						