

STATEMENT OF ENERGY PERFORMANCE

State Grain Lab
821 17th St N.
Great Falls

Date: 9/7/2018
Year Built: 1935

	Baseline:	2012	12/31/2013	Current:	
Energy Date:	12/31/2007	11/30/2012	12/31/2013	11/30/2012	
Energy Star Score:	N/A	N/A	N/A	N/A	
Gross Floor Area:	7,888	7,921	7,921	7,921	Sq. Ft.
Heating Degree Days	7,085	6,724	7,320	6,560	
Cooling Degree Days	637	547	468	547	

Reported Annual Energy Use:

Site Energy Use:	423.84	438.16	N/A	438.16	MBTU
Site EUI:	53,732	55,316	N/A	55,316	BTU/ft ²
Electricity:	20,239	48,540	47,809	48,541	kWh
Max Electric Demand:	17	27	26	27	kW
Natural Gas:	3,548	2,725	0	2,725	Therms

Reported Annual Energy Cost:

Electricity Cost:	\$2,992	\$6,005	\$5,983	\$6,014
Electric Demand Cost:	\$1,623	\$2,483	\$2,359	\$2,506
Natural Gas Cost:	\$3,474	\$1,868	\$0	\$1,868
Energy Cost/ft ²	\$0.820	\$0.995	N/A	\$0.995

Weather Normalized Energy Use:

Site Energy Use:	452.68	493.37	N/A	493.37	MBTU
Site EUI:	57,389	62,287	N/A	62,287	BTU/ft ²
Electricity:	20,239	48,540	47,809	48,541	kWh
Natural Gas:	3,836	3,278	0	3,278	Therms

National Median Energy Use:

Site Energy Use:	1880.11	911.44	913.34	1469.24	MBTU
Site EUI:	238,351	115,067	115,306	185,487	BTU/ft ²

Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	18.8	14.5	0	14.5
Indirect Emissions:	6	14	14	14
Total Emissions:	25	29	N/A	29

National Median Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Total Emissions:	110.3	65.4	65.5	96.9
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% Difference from National Median:

Site EUI:	-77.46	-51.93	N/A	-70.18
Total Emissions:	-77.43	-55.81	N/A	-70.18

Adjusted Energy Based on Current Year:

Site Energy Use:	N/A	N/A	N/A	N/A	MBTU
Site EUI:	N/A	N/A	N/A	N/A	BTU/ft ²

% Difference Adjusted Site Energy Use

2012 to Baseline	N/A
2013 to Baseline	N/A
Current to Baseline	N/A
Current to 2013	N/A