

# Home Energy Rating Certificate



Property

12 Plex Towers

HERS

Rating Type: ProjectedWorstCase

Rating Date: 10-31-2014

Registry ID:

Certified Energy Rater: Chris Johnson

Rating Number:

Watertown, SD

**Projected Rating: Based on Plans - Field Confirmation Required.**

HERS Index: 38

Efficient Home Comparison: 62% Better

## General Information

Conditioned Area	1258 sq. ft.	House Type	Apartment, end unit
Conditioned Volume	10064 cubic ft.	Foundation	Apartment above conditioned space
Bedrooms	4		

## Mechanical Systems Features

Heating:	Fuel-fired hydronic distribution, Natural gas, 98.0 AFUE.
Cooling:	Air conditioner, Electric, 16.0 SEER.
Water Heating:	Integrated, Natural gas, 0.98 EF, 80.0 Gal.
Duct Leakage to Outside	NA
Ventilation System	Exhaust Only: 40 cfm, 14.0 watts.
Programmable Thermostat	Heat=Yes; Cool=Yes

## Building Shell Features

Ceiling Flat	NA	Slab	None
Sealed Attic	NA	Exposed Floor	NA
Vaulted Ceiling	NA	Window Type	U-Value: 0.280, SHGC: 0.230
Above Grade Walls	R-16.5	Infiltration Rate	Htg: 500 Clg: 500 CFM50
Foundation Walls	NA	Method	Blower door test

## Lights and Appliance Features

Percent Interior Lighting	100.00	Range/Oven Fuel	Electric
Percent Garage Lighting	100.00	Clothes Dryer Fuel	Electric
Refrigerator (kWh/yr)	488	Clothes Dryer EF	2.67
Dishwasher Energy Factor	0.46	Ceiling Fan (cfm/Watt)	0.00

## Estimated Annual Energy Cost

Use	MMBtu	Cost	Percent
Heating	3.9	\$55	11%
Cooling	3.7	\$30	6%
Hot Water	3.1	\$108	21%
Lights/Appliances	15.0	\$326	63%
Photovoltaics	-0.0	\$-0	-0%
Service Charges		\$0	0%
<b>Total</b>	<b>25.9</b>	<b>\$519</b>	<b>100%</b>

## Criteria

This home meets or exceeds the minimum criteria for the following:

TITLE

Company

Address

City, State, Zip

Phone #

Fax #

**REM/Rate - Residential Energy Analysis and Rating Software v14.6.1**

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The Home Energy Rating Standard Disclosure for this home is available from the rating provider.