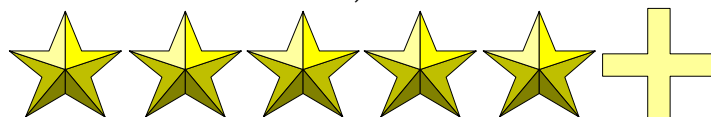


# Home Energy Rating Certificate



1101F 10th Street  
Storm Lake, IA 50588



5 Stars Plus  
Confirmed  
HERS Index: 60

## General Information

Conditioned Area	1390 sq. ft.	House Type	Townhouse, end unit
Conditioned Volume	11259 cubic ft.	Foundation	Slab
Bedrooms	2		

## Mechanical Systems Features

Air-source heat pump:	Electric, Htg: 11.5 HSPF, Clg: 20.0 SEER.
Water Heating:	Conventional, Electric, 0.93 EF, 50.0 Gal.
Duct Leakage to Outside	26.00 CFM25.
Ventilation System	Exhaust Only: 55 cfm, 25.0 watts.
Programmable Thermostat	Heat=Yes; Cool=Yes

## Building Shell Features

Ceiling Flat	R-60.0	Slab	R-10.0 Edge, R-10.0 Under
Sealed Attic	NA	Exposed Floor	NA
Vaulted Ceiling	NA	Window Type	U-Value: 0.350, SHGC: 0.350
Above Grade Walls	R-23.0	Infiltration Rate	Htg: 730 Clg: 730 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)	345.00	Clothes Dryer EF	3.01
Dishwasher Energy Factor	0.00	Ceiling Fan (cfm/Watt)	0.00

Registry ID 516239023

Rating Number

Certified Energy Rater Pat O'Malley

Rating Date 9/14/15

Rating Ordered For

## Estimated Annual Energy Cost

Use	MMBtu	Cost	Percent
Heating	20.1	\$538	38%
Cooling	1.2	\$32	2%
Hot Water	10.7	\$288	20%
Lights/Appliances	15.4	\$411	29%
Photovoltaics	-0.0	\$-0	-0%
Service Charges		\$144	10%
<b>Total</b>	<b>47.4</b>	<b>\$1413</b>	<b>100%</b>

## Criteria

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

EPA ENERGY STAR Version 2 Home

EPA ENERGY STAR Version 2.5 Home

2006 International Energy Conservation Code

2009 International Energy Conservation Code

Building Knowledge, Inc.

PO Box 1376

Burnsville, MN 55337

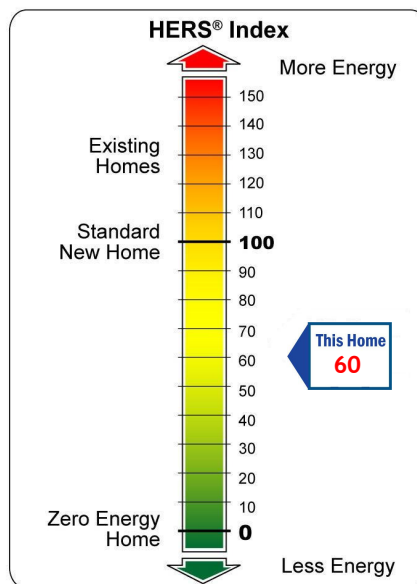
952-944-5605

www.buildingknowledge.com

REM/Rate - Residential Energy Analysis and Rating Software v14.5.1

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

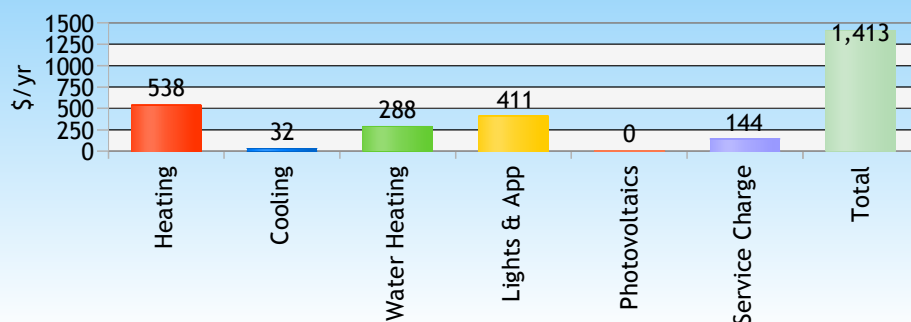
# HERS PERFORMANCE



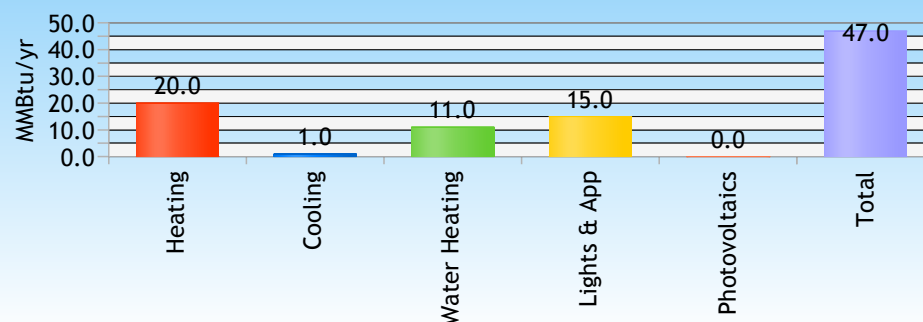
# ENERGY RATING CERTIFICATE

**BUILDING  
KNOWLEDGE**

**Estimated Annual Energy Cost**



**Estimated Annual Energy Consumption**



Address 1101F 10th Street  
Storm Lake, IA 50588

House Type Townhouse, end unit

Cond. Area 1390 sq. ft.

Rating No.

Issue Date October 21, 2015

Certification Verified

Annual Estimates\*

Electric(kWh): 13894

CO2 emissions(Tons): 11

Annual Savings\*\*: \$1331

\* Based on standard operating conditions

\*\* Based on a HERS 130 Index Home

Building Knowledge, Inc.

PO Box 1376

Certified Rater Pat O'Malley

Rater ID 9377462

Registry ID 516239023

Rating Date 9/14/15

**REM/Rate - Residential Energy Analysis and Rating Software v14.5.1**

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