

Rating No.:	10031

**FUEL SUMMARY** 

Building Name: Lemke house Rating Org.: Energy Panel Structures

Owner's Name:Dean LemkePhone No.:507-920-6663Property:976 FinchRater's Name:Donald JahnkeAddress:Hampton, IA 50441Rater's No.:9739871

Builder's Name: Craighton Construction

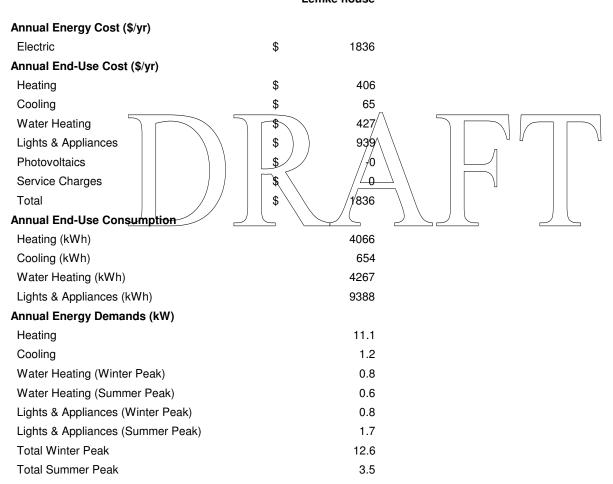
March 19, 2012

Date:

Weather Site: Mason City, IA Rating Type: Projected Rating

File Name: lemke house.blg Rating Date: 11-2-2011

## Lemke house



**FUEL SUMMARY** 

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**Utility Rates:** 

Electricity: Alliant Energy





## **ENERGY COST AND FEATURE REPORT**

Date: March 19, 2012 Rating No.: 10031

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### **ANNUAL ENERGY COSTS**

Heating	\$ 406		
Cooling	\$ 65		
Water Heating	\$ 427		
Lights & Appliances	\$ 939		
Photovoltaics	\$ -0	$\wedge$	
Service Charges	\$		V
Total	\$ 1836		
Average Monthly	\$ 153		
ENERGY FEATURES —			

Ceiling w/Attic: R-38 Blown Attic G1 U=0.026
Vaulted Ceiling: R-38 Vaulted Open G1 U=0.025

Above Grade Walls: 6" SIP R-26 G1 U=0.038
Foundation Walls (Cond): R-8.6 Draped, 8ft R=8.6

Found. Walls (Uncond): None

Doors: Steel Door-R6.2 U=0.140 Windows: Low E .29 /.30 U=0.290

Frame Floors: None

Slab Floors: Uninsulated\*\*\*\*\*\* U=0.365
Infiltration: Htg: 546 Clg: 546 CFM50

Infilt. Measure: Blower door test

Mechanical Ventilation: Balanced: ERV, 140 cfm, 40.0 watts.

Interior Mass: None

Mech Equip List: GSHP: Htg: 109.1 kBtuh, 5.1 COP. Clg: 40.0

kBtuh, 28.7 EER.

Water Heating: Conventional, Elec, 0.92 EF.

Programmable Thermostat: Heat=Yes; Cool=Yes

# **ENERGY COST AND FEATURE REPORT**

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Ducts: Uninsulated Conditioned basement

Duct Leakage to Outside: 28.00 CFM @ 25 Pascals
Total Duct Leakage: 0.00 CFM @ 25 Pascals

Lights/Appliances: Defaults
Active Solar: None
Photovoltaics: 0.00
Sunspace: No

Notes: Where feature level varies in home, the dominant value is shown.

