



NEAT Input Report

Client Information

Client ID
Alt. Client ID
Client Name
Address
Unit No.
City **State** **Zip**
County **Other Geo. Ident.**

Occupants

Number of: Occupants
Elderly
Disabled
Native American
Children
Primary Language

Dwelling **Ownership**
Dwelling Type **High Energy Use**
Primary Heat. Fuel **High Energy Burden**
Secondary Heat. Fuel **Low Cost/No Cost**
 Previously Weatherized **Year Built**
Year

Comment

Energy Index **Total Heating (BTU/HDD/sq ft)**
Floor Area (sq ft)
Heating Degree Days (base 65 F)

	Fuel Type	Annual Cost	Estim. % for heating
Primary Heating Fuel	Natural Gas	<input type="text"/>	<input type="text" value="70"/>
Secondary Heating Fuel	<input type="text"/>	<input type="text"/>	<input type="text"/>

Contact Information

No data were entered for this audit.

Audit Status History

Type	Status	Date	Changed By	Comment
NEAT Audit	Recommendations Generated On	7/29/2010	admin	
NEAT Audit	Recommendations Generated On	7/29/2010	admin	

Client Name:
 Client ID: Utah
 Alt. Client ID: 55555555

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Walls

Wall Code	Studs Orient.	Area (sq ft)	Meas No.	Exposure	Exterior Type	Wall Type	Existing Insulation		Added Insulation		Comment
							Type	R-Value	Type	Addl. Cost	
WALLE	2 x 4 East	320	1	Outside (Ambie	Wood	Platform Frame	None				
WALLN	2 x 4 North	200	1	Outside (Ambie	Wood	Platform Frame	None				
WALLS	2 x 4 South	200	1	Outside (Ambie	Wood	Platform Frame	None				
WALL W	2 x 4 West	320	1	Outside (Ambie	Wood	Platform Frame	None				

Windows

Window Code	Wall Code	No. of Windows	Window Frame Type	Glazing Type	Leakiness	% Shaded	Window Size (inches)		Retrofit Options	Addl. Cost	Comment
							Width	Height			
WINE1	WALLE	1	Slider Metal	Single Pane	Medium	0	36	48	Evaluate All		
WINE2	WALLE	2	Slider Metal	Single Pane	Medium	0	48	48	Evaluate All		
WINN1	WALLN	1	Slider Metal	Single Pane	Medium	0	36	48	Evaluate All		
WINN2	WALLN	2	Slider Metal	Single Pane	Medium	0	48	48	Evaluate All		
WINS1	WALLS	1	Slider Metal	Single Pane	Medium	0	36	48	Evaluate All		
WINS2	WALLS	2	Slider Metal	Single Pane	Medium	0	48	48	Evaluate All		

Windows

Window Code	Wall Code	No. of Windows	Window Frame Type	Glazing Type	Leakiness	% Shaded	Window Size (inches)		Retrofit Options	Addl. Cost	Comment
							Width	Height			
WINW1	WALL W	1	Slider Metal	Single Pane	Medium	0	36	48	Evaluate All		
WINW2	WALL W	2	Slider Metal	Single Pane	Medium	0	48	48	Evaluate All		

Doors

Door Code	Wall Code	No. of Doors	Door Type	Area (sq ft)	Storm Door Condition	Optional Dimensions (in)		Comment
						Width	Height	
DOORE	WALLE	1	Solid Core Wood	18.2	None			
DOORN	WALLN	1	Solid Core Wood	18.2	None			

Unfinished Attics

Attic Code	Attic Type	Joist Spacing (in)	Area (sq ft)	Existing Insulation		Added Insulation			Addl. Cost	Comment
				Type	Depth (in)	Measure No.	Type	Max. Depth (in)		
ATT1	Unfloored	24	1000	Rockwool	14	1				

Finished Attics

No data were entered for this audit.

Foundations

Found. Code	Found. Type	Found. Insul. Options	Area (sq ft)	Ceiling R Value	Perim. Length (ft)	Perim. Exp. (%)	Meas. No.	Wall Height (ft)	Wall Exp. (%)	Wall R Value	Addl. Costs		Comment	
											Floor Insul	Wall Insul		
FOUN F1	Non Conditioned		1000	30	130		1	4	100	0				

Heating Systems

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Heating Systems

System Code	HEAT1	Heat Supplied (%)	100	Primary System	<input checked="" type="checkbox"/>	Uninsulated Supply Duct Length (ft) <input type="text"/> Perimeter (in) <input type="text"/> Location <input type="text"/>
Equipment Type	Forced Air Furnace	Manuf.	<input type="text"/>	Model	<input type="text"/>	
Fuel	Natural Gas	Comment			<input type="text"/>	
Location	Unconditioned Space				<input type="text"/>	

REQUIRED HEATING SYSTEM DETAILS

Input Units	kBtu per Hour	Automatic Vent Damper	Present ? <input type="checkbox"/>	System Retrofit Options <input type="text" value="Evaluate All"/> Fuel <input type="text" value="Natural Gas"/>												
Input Rating	100	Recommended ? <input type="checkbox"/>	Flue Diameter (in) <input type="text"/>													
Output Capacity (kBTU/hr)	85	Pilot Light / IID	IID ? <input type="checkbox"/> Pilot Light ? <input type="checkbox"/>													
Steady State System Efficiency (%)	60	On in Summer ? <input type="checkbox"/>	Power Burner ? <input type="checkbox"/>	<table border="1"><thead><tr><th></th><th><u>Standard</u></th><th><u>High Efficiency</u></th></tr></thead><tbody><tr><td>System AFUE</td><td>80</td><td>90</td></tr><tr><td>Labor Cost</td><td>\$650.00</td><td>\$900.00</td></tr><tr><td>Material Cost</td><td>\$650.00</td><td>\$1,200.00</td></tr></tbody></table>		<u>Standard</u>	<u>High Efficiency</u>	System AFUE	80	90	Labor Cost	\$650.00	\$900.00	Material Cost	\$650.00	\$1,200.00
	<u>Standard</u>	<u>High Efficiency</u>														
System AFUE	80	90														
Labor Cost	\$650.00	\$900.00														
Material Cost	\$650.00	\$1,200.00														
Condition	Fair	Retention Head	Present ? <input type="checkbox"/>													
Smart Thermostat?	<input type="checkbox"/>	Recommended ? <input type="checkbox"/>														
Heat Pump HSPF	<input type="text"/>															
Year Purchased	<input type="text"/>															

Heating Systems (Continued)

Heating Systems (Continued)

OPTIONAL HEATING SYSTEM DETAILS

OPERATIONAL TESTS

Flue Gas Analysis

Audit Insp.

Combustion Air Inlet Temp (F)	<input type="text"/>	<input type="text"/>
Flue Gas Temp (F)	<input type="text"/>	<input type="text"/>
Net Stack Temp (F)	<input type="text"/>	<input type="text"/>
Percent Oxygen (%)	<input type="text"/>	<input type="text"/>
Percent Carbon Dioxide (%)	<input type="text"/>	<input type="text"/>
Smoke Number	<input type="text"/>	<input type="text"/>
Steady State Efficiency (%)	<input type="text"/>	<input type="text"/>

Carbon Monoxide

Audit Insp.

In Flue (ppm)	<input type="text"/>	<input type="text"/>
Free Air Reading in Flue (ppm)	<input type="text"/>	<input type="text"/>

Heat Rise

Audit Insp.

Return Temp (F)	<input type="text"/>	<input type="text"/>
Supply Temp (F)	<input type="text"/>	<input type="text"/>
Temp Rise (F)	<input type="text"/>	<input type="text"/>
Listed/Rated Temp Rise (F)	<input type="text"/>	

Comment

VENT TESTS

Venting Information

Damper Type	<input type="text"/>
Damper Condition	<input type="text"/>
Chimney Type	<input type="text"/>
Chimney Condition	<input type="text"/>
Flue Type	<input type="text"/>
Flue Condition	<input type="text"/>
Flue / Damper Diameter (in)	<input type="text"/>
Combustion System Type	<input type="text"/>
Combustion Air Intake	<input type="text"/>
Other Venting Related Problems	<input type="checkbox"/>

Normal Operating Conditions Draft Measurements

	Audit	Insp.
Outdoor Temp (F)	<input type="text"/>	<input type="text"/>
Draft (Pa or Inches of Water)	<input type="text"/>	<input type="text"/>
Spillage Time (sec)	<input type="text"/>	<input type="text"/>

Comment

INSPECTIONS

Other Items

Cracked Heat Exchanger

Insufficient Clearance from Combustibles

Electric Service Switch

Gas Leak Present

Fuel Shutoff Valve Not Present

Drip Leg Not Present

Any Other Heating System Problems

Comment

THERMOSTAT DETAILS

Thermostat Type

Daytime Thermostat Setting (F)

Nighttime Thermostat Setting (F)

Relocate Thermostat

Anticipator Current (amps)

Anticipator Setting (0-1)

Anticipator Adjustment Needed

Comment

Heating Systems (Continued)

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Heating Systems (Continued)

OPTIONAL HEATING SYSTEM DETAILS (Continued)

FURNACE COMPONENTS

Limit Controls

Control Settings are Adjustable Fan On Setting (F)

Limit Control Not Working Fan Off Setting (F)

High Limit Setting (F)

Burner and Pilot

Burner Type Pilot Type

Burner Condition Pilot Condition

Blower and Belt

Blower Type Belt Size

Blower Condition Belt Play (in)

Motor Current (amps)

Belt Condition

Accessories

Humidifier

Electronic Air Cleaner

AC Coil

Air Filter

Filter Size (length x width, in)

Filter Condition

Comment

Cooling Systems

AC Code	AC Unit Type	Manufacturer	Model	Area Cooled (sq ft)	Size (kBTU/hr)	SEER	Year Purch.	Comment
AC1	1 or Room Air Co			400	12	10		

Ducts / Infiltration - Air and Duct Leakage

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Ducts / Infiltration - Air and Duct Leakage

Evaluate Duct Sealing ?

Duct Leakage Method

WHOLE HOUSE BLOWER DOOR MEASUREMENTS

	Before Weatherization (Existing)	After Weatherization (Target or)
Air Leakage Rate(cfm)	2200	1600
at House Pressure Difference (Pa)	50	50
Infiltration Reduction Cost (\$)	\$100.00	

Comment

Duct / Infiltration - Blower Door Readings (Optional)

No data were entered for this audit.

Ducts / Infiltration Zonal Pressure Readings (Optional)

No data were entered for this audit.

Ducts / Infiltration Pressure Balance Readings (Optional)

No data were entered for this audit.

Ducts / Infiltration Pressure Pan Readings (Optional)

No data were entered for this audit.

Base Load - Water Heater

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Base Load - Water Heater

Existing Equipment

Manufacturer	<input type="text"/>		
Model	<input type="text"/>		
Fuel	<input type="text" value="Natural Gas"/>	Rated Input	<input type="text"/>
Location	<input type="text" value="Unconditioned Space"/>	Input Units	<input type="text"/>
Size (gal)	<input type="text" value="40"/>	Energy Factor	<input type="text"/>
		Recovery Efficiency (%)	<input type="text"/>
Water Heater Wrap Present	<input type="checkbox"/>		
Water Heater Pipe Insulation Present	<input type="checkbox"/>		
Label R Value	<input type="text"/>		
Insulation Thickness (in)	<input type="text"/>		
Insulation Type	<input type="text"/>		

Replacement Equipment

Manufacturer	<input type="text"/>		
Model	<input type="text"/>		
Fuel	<input type="text"/>	Rated Input	<input type="text"/>
Input Units	<input type="text"/>	Size (gal)	<input type="text"/>
Energy Factor	<input type="text"/>	Recovery Efficiency (%)	<input type="text"/>
Installation Cost	<input type="text"/>		
Additional Cost	<input type="text"/>		
Replacement Required	<input type="checkbox"/>		
Include in SIR	<input type="checkbox"/>		

Shower Heads

Number of Showerheads	<input type="text"/>	Avg. GPM	<input type="text"/>
Minutes of Shower Use Per Day	<input type="text"/>		

Comment

Base Load - Water Heater (Continued)

Base Load - Water Heater (Continued)

OPTIONAL WATER HEATING SYSTEM DETAILS

OPERATIONAL TESTS		VENT TESTS	
<u>Flue Gas Analysis</u>		<u>Venting Information</u>	
	Audit Insp.		
Combustion Air Inlet Temp (F)		Damper Type	
Flue Gas Temp (F)		Damper Condition	
Net Stack Temp (F)		Chimney Type	
Percent Oxygen (%)		Chimney Condition	
Percent Carbon Dioxide (%)		Flue Type	
Smoke Number		Flue Condition	
Steady State Efficiency (%)		Flue/Damper Diameter (in)	
		Combustion Air Intake	
		<input type="checkbox"/> Any Other Venting Related Problems?	
<u>Carbon Monoxide</u>		<u>Normal Operating Conditions Draft Measurements</u>	
	Audit Insp.		Audit Insp.
In Flue (ppm)		Outdoor Temp (F)	
Free Air Reading in Flue (ppm)		Draft (Pa or Inches of Water)	
		Spillage Time (sec)	
Comment		Comment	
INSPECTIONS			
<u>Fuel Related</u>		<u>Water Related</u>	
<input type="checkbox"/> Insufficient Clearance from Combustibles		Hot Water Temp (F) <input type="text"/>	
Electric Service Switch Condition <input type="text"/>		<input type="checkbox"/> Supply Temperature Adjustment Needed	
<input type="checkbox"/> Gas Leak Present		<input type="checkbox"/> Pressure Relief Piping Needed	
<input type="checkbox"/> Fuel Shutoff Valve Not Present		<input type="checkbox"/> Water Leak Present	
<input type="checkbox"/> Drip Leg Not Present		<input type="checkbox"/> Other Water Heating Problem	
Comment			

Base Load - Refrigerator

Base Load - Refrigerator

Existing Equipment

Manufacturer
Model
Style **Defrost**
Height (in) **Width (in)** **Depth (in)**
Size (cu ft) **Location**

Label Annual Consumption

kWh / yr **Age**
Door Seal Condition

OR

Metered Consumption

Metering Minutes **Manual Defrost**
Metering Reading (kWh) **Includes Defrost Cycle**
Temperature (F)

Replacement Equipment

Manufacturer
Model
Style
Defrost

kWh / yr **Material Cost**
Other Cost

Height (in) **Width (in)** **Depth (in)**
Size (cu ft)

Comment

Base Load - Lighting Systems

No data were entered for this audit.

Health & Safety

Health & Safety

WHOLE HOUSE

- Smoke Detector is Needed**
- CO Monitor is Needed**

Carbon Monoxide Measurements

Room with Heating System (ppm)

Room with Water Heater (ppm)

Living Area (ppm)

Kitchen (ppm)

Comment

BUILDING SHELL

Attic

- Recessed Lights Present**
- Chimney / Flue Shielding Incorrect**
- Wiring Problems**
- Ventilation Inadequate**
- Water Leaks Present**
- Moisture/Mold Problems Evident**
- Vermiculite Present**
- Other Problems**

Walls

- Wiring Problems**
- Water Leaks Present**
- Moisture Problems Evident**
- Lead Based Paint is Likely**
- Asbestos in Siding is Likely**
- Other Problems**

Basement / Crawlspace

- Vapor Barrier Needed**
- Wiring Problems**
- Water Leaks Present**
- Plumbing Leaks Present**
- Moisture/Mold Problems Evident**
- Other Problems**

Comment

Health & Safety (Continued)

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Health & Safety (Continued)

EQUIPMENT

Wood Stove / Fireplace

- Wood Stove / Fireplace is Present
- Improper Venting
- Combustion Air is Inadequate

Clothes Dryer

- Improper Venting

Cook Stove

- CO Measurement Oven (ppm)
- CO Measurement Burner 1 (ppm)
- CO Measurement Burner 2 (ppm)
- CO Measurement Burner 3 (ppm)
- CO Measurement Burner 4 (ppm)
- Gas Leak Present

Exhaust Fans

Bathrooms

- Missing
- Not Operational
- Improper Venting

Kitchen

- Missing
- Not Operational
- Improper Venting

Air-to-Air Heat Exchanger

- Exists
- Not Operational

Comment _____

Itemized Costs

No data were entered for this audit.

Utility Bills

No data were entered for this audit.