



# Residential Energy Survey

Auditor Name:

Company:

Address:

Telephone:

Email address:

Homeowner Name:

Survey Address:

Completion Date:

Homeowner Signature:

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The results of the energy survey have been provided to me \_\_\_\_\_ Date

## A. Exterior

### 1. **Windows**

- 2.  Double Glass
- 3.  Single Glass
- 4.  Insulated Glass
- 5.  Storms
- 6.  Caulking is not continuous & flexible
- 7.  Fit is not close, tight, firm all around
- 8.  Glazing is not continuous

### 9. **Doors**

- 10.  Not insulated (and no storm)
- 11.  Not close, tight, firm fit all around
- 12.  No weather stripping
- 13.  Seals are not continuous or are in need of replacement
- 14.  All door thresholds are weather stripped and sealed

15.  Dog/cat door are not weather stripped and sealed

16.  Caulking is not continuous & flexible

### 17. **Exhaust Vents (Dryer, Bath)**

- 18.  Outside flap closes tightly
- 19.  Duct is clean

### 20. **Siding**

- 21.  Is not weather tight
- 22.  Pipe & wire penetrations are not sealed
- 23.  Downspouts are not sealed or free of debris
- 24.  Trees or bushes need trimming away from house



**25. Roof Ventilation**

- 26.  Restricted flow of air from inlets to outlets
- 27.  Inlet (Soffits) Soffit vents not open or not spaced 6-8 feet apart

**28. Outlets:**

- Gable  Ridge  Power ventilators

**B. Insulation**

- 1.  Attic hatch is not insulated or weather stripped
- 2.  Attic floors are not insulated  
R-Value\_ \_\_\_\_\_  
(R-30, evenly distributed recommended)
- 3.  Attic roof (sloped) is not insulated  
R-Value\_ \_\_\_\_\_
- 4.  Attic exhaust fan is not working and vented to outside
- 5.  Dropped ceiling is not insulated  
R-Value\_ \_\_\_\_\_
- 6.  Cathedral ceiling is not insulated  
R-Value\_ \_\_\_\_\_
- 7.  Flat roofs not insulated  
R-Value\_ \_\_\_\_\_
- 8.  Wall top plates are not insulated  
R-Value\_ \_\_\_\_\_
- 9.  Attic side walls are not insulated  
R-Value\_ \_\_\_\_\_
- 10.  Chimney chase is not sealed
- 11.  Recessed lights are not sealed, insulated or baffled if not IC rated

**C. Heating Systems**

- 1.  Furnace make/model \_\_\_\_\_
- 2.  Furnace fuel \_\_\_\_\_
- 3.  Furnace estimated age \_\_\_\_\_
- 4.  Furnace efficiency rating \_\_\_\_\_
- 5.  Supply vents are not open and clear
- 6.  Filters are not clean
- 7.  Thermostat or controls are not set to 68°
- 8.  Programmable thermostats are not used.

**D. Cooling Units**

- 1.  Not serviced annually
- 2.  Coils not clean
- 3.  Fans not in good condition
- 4.  Unit not clear of shrubbery and trash
- 5.  Drain line installed without trap
- 6.  Housing cover not sealed tightly
- 7.  Thermostat or controls not set to 78°
- 8.  Supply vents are not open and clear
- 9.  Infiltration seal is not tight around unit

**E. Crawl Space**

- 1.  Not ventilated and accessible
- 2.  Soil condition is damp or wet
- 3.  Vapor barrier is in poor repair or absent
- 4.  Foundation ventilation vents are not open
- 5.  Insulated less than 6" batts (R-19)
- 6.  Insulation condition not paper-side UP, or installation continuous
- 7.  Some air duct joints are not connected
- 8.  Air ducts are not insulated

**F. Water heater**

- 1.  Insulated shell not 3" insulation or no built-in foam
- 2.  Water temperature \_\_\_\_\_  
(recommend maximum 120 °at tap)
- 3.  Hot water pipes are insulated  
R-Value\_ \_\_\_\_\_
- 4.  Plumbing leaks evident
- 5.  Dripping faucets



## G. Appliances

### 1. Refrigerator

2.  Gasket is not tightly sealed and flexible
3.  Moisture is visible on exterior
4.  Temperature is not 34 to 38 degrees
5.  Coils need cleaning (recommended every 6 months)
6.  Not *Energy Star* rated

### 7. Freezer

8.  Gasket is not tightly sealed and flexible
9.  Moisture is visible on exterior
10.  Temperature is not 3° to 7° F
11.  Unit is in need of defrosting

12.  Coils need cleaning (Recommend every 6 months)
13.  Not *Energy Star* rated

### 14. Dishwasher

15.  Used for partial loads, or dryer setting is used rather than air dry
16.  Not *Energy Star* rated

### 17. Dryer

18.  Exhaust vent not sealed to outside, or some restriction in vent hose evident
19.  Operation Full loads only, lint filter cleaned with each use
20.  Not *Energy Star* rated

## H. Lighting

1.  Homeowner is not satisfied with lighting levels in all rooms, work surfaces
2.  Incandescent bulbs are in use
3.  100w bulb used where 60w or 75w would do
4.  Ceiling or recessed lights are difficult to service due to location/height
5.  T-12 florescent tubes are in use
6.  CF lamps are in use
7.  Dimmers are not used in each room
8.  Occupancy sensors would be beneficial
9.  LED lamps are in use
10.  Lamps and fixtures are not clean

11.  Lens shielding has turned yellow or hazy
12.  Ceilings and other room surfaces have reduced reflectivity due to dirt.
13.  Daylight is not used effectively
14.  Decorative lighting is excessive and/or not controlled optimally
15.  Timer switches are not in use in remote or seldom used areas, or areas occupied briefly
16.  Security/outdoor lighting is not automatically controlled and /or lighting levels are excessive.



## **Comments/Concerns/Recommendations (list by letter number)**