



Participating Contractor

# Home Energy Evaluation Program

## Introductory Energy: Check-Up Workbook

DE-HEEP-IEC-WKKBK-v0625

**All fields marked with an asterisk (\*) are required.**

### APPOINTMENT INFORMATION

Contractor Company Name\*: \_\_\_\_\_

Technician Name\*: \_\_\_\_\_ Date of Assessment\*: \_\_\_\_\_

### CUSTOMER INFORMATION

Name on Dominion Energy Account\*: \_\_\_\_\_

Dominion Energy Account Number\*: \_\_\_\_\_

Phone Number\*: \_\_\_\_\_ Email Address\*: \_\_\_\_\_

Street Address\*: \_\_\_\_\_

City\*: \_\_\_\_\_ State\*: \_\_\_\_\_ Zip\*: \_\_\_\_\_

Customer is the\*: ☐ Owner or ☐ Renter of the property. No. of Occupants\*: \_\_\_\_\_

### ASSESSMENT QUESTIONNAIRE

**All fields marked with an asterisk (\*) are required.**

Year Built*:	Floor Area* (Square Feet):	No. of Floors*:	No. of Bedrooms*:
<b>Building Type*:</b> <input type="checkbox"/> Single-Family Detached <input type="checkbox"/> Single-Family Attached			
<b>Foundation Type:</b> <input type="checkbox"/> Slab-on-Grade <input type="checkbox"/> Vented Crawlspace <input type="checkbox"/> Unvented Crawlspace <input type="checkbox"/> Conditioned Basement <input type="checkbox"/> Unconditioned Basement			
<b>Heating System Type*:</b> <input type="checkbox"/> Air-Source Heat Pump <input type="checkbox"/> Geothermal Heat Pump <input type="checkbox"/> Ductless Mini Split Heat Pump <input type="checkbox"/> Baseboard Heating <input type="checkbox"/> Non-Electric			
<b>Primary Heating Fuel*:</b> <input type="checkbox"/> Electric <input type="checkbox"/> Non-Electric		<b>Primary Percent Contribution*:</b>	
<b>Secondary Heating Fuel:</b> <input type="checkbox"/> Coal (Anthracite) <input type="checkbox"/> Coal (Bituminous) <input type="checkbox"/> Electricity <input type="checkbox"/> Fuel Oil (Number 2) <input type="checkbox"/> Kerosene <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane <input type="checkbox"/> Hardwood <input type="checkbox"/> Softwood			
<b>Cooling System Type*:</b> <input type="checkbox"/> Central A/C <input type="checkbox"/> Packaged System A/C <input type="checkbox"/> Air-Source Heat Pump <input type="checkbox"/> Geothermal Heat Pump <input type="checkbox"/> Ductless Mini Split Heat Pump <input type="checkbox"/> None			
<b>Attic Type:</b> <input type="checkbox"/> Cape Cod Attic <input type="checkbox"/> Cathedral Ceiling (No Attic) <input type="checkbox"/> Flat Roof (No Attic) <input type="checkbox"/> Unvented Attic <input type="checkbox"/> Vented Attic			
<b>Roof Type:</b> <input type="checkbox"/> Coating <input type="checkbox"/> Single Ply <input type="checkbox"/> Spray foam <input type="checkbox"/> Asphalt Shingles <input type="checkbox"/> Coated Metal Roof (Non-Copper) <input type="checkbox"/> Coated Metal Roof (Copper) <input type="checkbox"/> Tiles			
<b>Dryer Fuel Type*:</b> <input type="checkbox"/> Natural Gas <input type="checkbox"/> Electricity <input type="checkbox"/> Propane			
<b>Stove Fuel Type*:</b> <input type="checkbox"/> Natural Gas <input type="checkbox"/> Electricity <input type="checkbox"/> Propane			
<b>Window Glazing Type:</b> <input type="checkbox"/> Single Pane <input type="checkbox"/> Double Pane <input type="checkbox"/> Single with Storm <input type="checkbox"/> Double Pane (Low-E)			
<b>Heating Thermostat Setpoint</b> (60° to 80°F): °F		<b>Cooling Thermostat Setpoint</b> (60° to 80°F): °F	
<b>Hot Water Type:</b> <input type="checkbox"/> Storage Water Heater <input type="checkbox"/> Dedicated Boiler with Storage Tank <input type="checkbox"/> Instantaneous Water Heater <input type="checkbox"/> Heat Pump Water Heater <input type="checkbox"/> Space-Heating Boiler with Storage Tank <input type="checkbox"/> Space-Heating Boiler with Tankless Coil			

☐ Electric      ☐ Non-Electric

☐ Very Low    ☐ Low    ☐ Normal    ☐ High    ☐ Very High

☐ Very Low    ☐ Low    ☐ Normal    ☐ High    ☐ Very High

☐ Very Low    ☐ Low    ☐ Normal    ☐ High    ☐ Very High

## MEASURE RECOMMENDATION

**Please complete the tables below for all measures you have installed and are recommending to customers.**

**Subtotal Formulas:** Energy Savings Subtotal = Energy Savings (kWh) multiplied by Quantity entered

Incentive Subtotal = Incentive amount (\$) multiplied by Quantity entered

### DIRECT INSTALL MEASURES All fields marked with an asterisk (\*) are required.

#### Hot Water Appliances

Item	Measure	Energy Savings (kWh)	Incentive (\$)	Quantity*	Energy Savings Subtotal* Energy Savings (kWh) X Quantity	Incentive Subtotal* Incentive (\$ ) X Quantity	Recommended* (R) or Installed* (I)	Install Location* (Please check all that apply)
1	3/4" WH Pipe Insulation (per linear ft.)	26	\$ 6.07				<input type="checkbox"/> (R) <input type="checkbox"/> (I)	<input type="checkbox"/> Crawlspace <input type="checkbox"/> Kitchen <input type="checkbox"/> Attic <input type="checkbox"/> Bathroom <input type="checkbox"/> Garage <input type="checkbox"/> Basement <input type="checkbox"/> Hallway/Foyer <input type="checkbox"/> Living/Family Room
2	1/2" WH Pipe Insulation (per linear ft.)	17	\$ 4.03				<input type="checkbox"/> (R) <input type="checkbox"/> (I)	<input type="checkbox"/> Crawlspace <input type="checkbox"/> Kitchen <input type="checkbox"/> Attic <input type="checkbox"/> Bathroom <input type="checkbox"/> Garage <input type="checkbox"/> Basement <input type="checkbox"/> Hallway/Foyer <input type="checkbox"/> Living/Family Room
3	WH Turndown 10 degrees	54	\$ 1.70				<input type="checkbox"/> (R) <input type="checkbox"/> (I)	Water Heater R Value* (R1 – R50):

#### LED Bulbs

Item	Measure	Energy Savings (kWh)	Incentive (\$)	Quantity*	Energy Savings Subtotal* Energy Savings (kWh) X Quantity	Incentive Subtotal* Incentive (\$ ) X Quantity	Recommended* (R) or Installed* (I)	Install Location* (Please indicate the quantity of bulbs per location)	Reason for Work Done*
4	Decorative LED 25W Equivalent	14	\$ 4.24				<input type="checkbox"/> (R) <input type="checkbox"/> (I)	____ Bedroom ____ Bathroom ____ Hallway/Foyer ____ Living/Family Rm. ____ Dining Rm. ____ Kitchen ____ Garage ____ Exterior	<input type="checkbox"/> Retrofit Early Replacement <input type="checkbox"/> New Construction <input type="checkbox"/> Retrofit New Install <input type="checkbox"/> Retrofit Replace Broken
5	Decorative LED 40W Equivalent	22	\$ 6.82				<input type="checkbox"/> (R) <input type="checkbox"/> (I)	____ Bedroom ____ Bathroom ____ Hallway/Foyer ____ Living/Family Rm. ____ Dining Rm. ____ Kitchen ____ Garage ____ Exterior	<input type="checkbox"/> Retrofit Early Replacement <input type="checkbox"/> New Construction <input type="checkbox"/> Retrofit New Install <input type="checkbox"/> Retrofit Replace Broken
6	LED Globe 25W Equivalent	14	\$ 4.34				<input type="checkbox"/> (R) <input type="checkbox"/> (I)	____ Bedroom ____ Bathroom ____ Hallway/Foyer ____ Living/Family Rm. ____ Dining Rm. ____ Kitchen ____ Garage ____ Exterior	<input type="checkbox"/> Retrofit Early Replacement <input type="checkbox"/> New Construction <input type="checkbox"/> Retrofit New Install <input type="checkbox"/> Retrofit Replace Broken
7	LED Globe 40W Equivalent	5	\$ 3.50				<input type="checkbox"/> (R) <input type="checkbox"/> (I)	____ Bedroom ____ Bathroom ____ Hallway/Foyer ____ Living/Family Rm. ____ Dining Rm. ____ Kitchen ____ Garage ____ Exterior	<input type="checkbox"/> Retrofit Early Replacement <input type="checkbox"/> New Construction <input type="checkbox"/> Retrofit New Install <input type="checkbox"/> Retrofit Replace Broken

**LED Bulbs (Continued)**

Item	Measure	Energy Savings (kWh)	Incentive (\$)	Quantity*	Energy Savings Subtotal* Savings (kWh) X Quantity	Incentive Subtotal* Incentive (\$ X Quantity)	Recommended* (R) or Installed* (I)	Install Location* (Please indicate the quantity of bulbs per location)	Reason for Work Done*
8	LED Downlight 50W Equivalent	30	\$ 9.32				<input type="checkbox"/> (R) <input type="checkbox"/> (I)	<input type="checkbox"/> Bedroom <input type="checkbox"/> Bathroom <input type="checkbox"/> Hallway/Foyer <input type="checkbox"/> Living/Family Rm. <input type="checkbox"/> Dining Rm. <input type="checkbox"/> Kitchen <input type="checkbox"/> Garage <input type="checkbox"/> Exterior	<input type="checkbox"/> Retrofit Early Replacement <input type="checkbox"/> New Construction <input type="checkbox"/> Retrofit New Install <input type="checkbox"/> Retrofit Replace Broken
9	LED Downlight 65W Equivalent	36	\$ 11.37				<input type="checkbox"/> (R) <input type="checkbox"/> (I)	<input type="checkbox"/> Bedroom <input type="checkbox"/> Bathroom <input type="checkbox"/> Hallway/Foyer <input type="checkbox"/> Living/Family Rm. <input type="checkbox"/> Dining Rm. <input type="checkbox"/> Kitchen <input type="checkbox"/> Garage <input type="checkbox"/> Exterior	<input type="checkbox"/> Retrofit Early Replacement <input type="checkbox"/> New Construction <input type="checkbox"/> Retrofit New Install <input type="checkbox"/> Retrofit Replace Broken
10	LED Downlight 75W Equivalent	42	\$ 13.23				<input type="checkbox"/> (R) <input type="checkbox"/> (I)	<input type="checkbox"/> Bedroom <input type="checkbox"/> Bathroom <input type="checkbox"/> Hallway/Foyer <input type="checkbox"/> Living/Family Rm. <input type="checkbox"/> Dining Rm. <input type="checkbox"/> Kitchen <input type="checkbox"/> Garage <input type="checkbox"/> Exterior	<input type="checkbox"/> Retrofit Early Replacement <input type="checkbox"/> New Construction <input type="checkbox"/> Retrofit New Install <input type="checkbox"/> Retrofit Replace Broken
11	LED Downlight 85W Equivalent	48	\$ 15.09				<input type="checkbox"/> (R) <input type="checkbox"/> (I)	<input type="checkbox"/> Bedroom <input type="checkbox"/> Bathroom <input type="checkbox"/> Hallway/Foyer <input type="checkbox"/> Living/Family Rm. <input type="checkbox"/> Dining Rm. <input type="checkbox"/> Kitchen <input type="checkbox"/> Garage <input type="checkbox"/> Exterior	<input type="checkbox"/> Retrofit Early Replacement <input type="checkbox"/> New Construction <input type="checkbox"/> Retrofit New Install <input type="checkbox"/> Retrofit Replace Broken

**Efficient Faucets and Aerators • Measures applicable to customers with Electric Water Heaters Only**

Item	Measure	Energy Savings (kWh)	Incentive (\$)	Quantity*	Energy Savings Subtotal* Savings (kWh) X Quantity	Incentive Subtotal* Incentive (\$ X Quantity)	Recommended* (R) or Installed (I)	Install Location*	Reason for Work Done*
12	Fixed Showerhead (1.5 GPM max)	364	\$ 22.87				<input type="checkbox"/> (R) <input type="checkbox"/> (I)	<input type="checkbox"/> Bathroom	<input type="checkbox"/> Retrofit Early Replacement <input type="checkbox"/> New Construction <input type="checkbox"/> Retrofit New Install <input type="checkbox"/> Retrofit Replace Broken
13	Handheld Showerhead (1.5 GPM max)	364	\$ 42.87				<input type="checkbox"/> (R) <input type="checkbox"/> (I)	<input type="checkbox"/> Bathroom	<input type="checkbox"/> Retrofit Early Replacement <input type="checkbox"/> New Construction <input type="checkbox"/> Retrofit New Install <input type="checkbox"/> Retrofit Replace Broken
14	Shower Thermo Existing Showerhead	80	\$ 12.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)	<input type="checkbox"/> Bathroom	<input type="checkbox"/> Retrofit Early Replacement <input type="checkbox"/> New Construction <input type="checkbox"/> Retrofit New Install <input type="checkbox"/> Retrofit Replace Broken
15	Shower Thermo w/ New Showerhead	48	\$ 12.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)	<input type="checkbox"/> Bathroom	<input type="checkbox"/> Retrofit Early Replacement <input type="checkbox"/> New Construction <input type="checkbox"/> Retrofit New Install <input type="checkbox"/> Retrofit Replace Broken

**Efficient Faucets and Aerators (Continued) • Measures applicable to customers with Electric Water Heaters Only**

Item	Measure	Energy Savings (kWh)	Incentive (\$)	Quantity*	Energy Savings Subtotal* Energy Savings (kWh) X Quantity	Incentive Subtotal* Incentive (\$ ) X Quantity	Recommended* (R) or Installed* (I)	Install Location*	Reason for Work Done*
16	Kitchen Swivel Aerator (1.5 GPM max)	44	\$ 6.50				<input type="checkbox"/> (R) <input type="checkbox"/> (I)	<input type="checkbox"/> Kitchen	<input type="checkbox"/> Retrofit Early Replacement <input type="checkbox"/> New Construction <input type="checkbox"/> Retrofit New Install <input type="checkbox"/> Retrofit Replace Broken
17	Bathroom Aerator (1.5 GPM max)	106	\$ 6.50				<input type="checkbox"/> (R) <input type="checkbox"/> (I)	<input type="checkbox"/> Bathroom	<input type="checkbox"/> Retrofit Early Replacement <input type="checkbox"/> New Construction <input type="checkbox"/> Retrofit New Install <input type="checkbox"/> Retrofit Replace Broken

**MAJOR MEASURES All fields marked with an asterisk (\*) are required.**

Item	Measure	Energy Savings (kWh)	Incentive (\$)	Quantity*	Energy Savings Subtotal* Energy Savings (kWh) X Quantity	Incentive Subtotal* Incentive (\$ ) X Quantity	Recommended* (R) or Installed* (I)
18	Tune-Up on Heat Pump	574	\$ 39.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
19	Tune-Up on Central AC only	123	\$ 25.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
20	Duct Insulation on Heat Pump System	761	\$ 70.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
21	Duct Insulation on Central AC Only	326	\$ 70.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
22	Heat Pump Upgrade – 15.2 SEER2 & 7.4 HSPF2	466	\$ 156.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
23	Heat Pump Upgrade – 16.2 SEER2 & HSPF2 7.8	650	\$ 195.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
24	Heat Pump Upgrade – 17.1 SEER2 & HSPF2 7.8	849	\$ 234.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
25	Heat Pump Upgrade – 18.1 SEER2 & HSPF2 8.5	1030	\$ 273.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
26	Heat Pump Upgrade – 20 SEER2 & HSPF2 8.9	1448	\$ 312.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
27	Mini Split Heat Pump Upgrade – 19 SEER2 & 9 HSPF2	407	\$ 195.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
28	Heat Pump Water Heater Replacement	1362	\$ 234.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
29	ECM Fan Motor on Heat Pump or Central AC (with Gas Furnace)	419	\$ 39.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
30	Smart to Central Home Energy Management System	1346	\$ 400.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
31	Smart Thermostat on Heat Pump System, replacing Manual	1070	\$ 90.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
32	Smart Thermostat on Central AC only, replacing Manual	259	\$ 40.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
33	Smart Thermostat on Heat Pump System, replacing Programmable	357	\$ 90.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
34	Smart Thermostat on Central AC only, replacing Programmable	86	\$ 40.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
89	Replace Elec EBB with Air Source HP – 15.2 SEER2 & 7.4 HSPF2	4861	\$ 1000.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
90	Replace Elec EBB with Air Source HP – 16.2 SEER2 & 7.8 HSPF2	5045	\$ 1200.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
91	Replace Elec EBB with Air Source HP – 17.1 SEER2 & 7.8 HSPF2	5244	\$ 1300.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
92	Replace Elec EBB with Air Source HP – 18.1 SEER2 & 8.5 HSPF2	5426	\$ 1400.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
93	Replace Elec EBB with Air Source HP – 20 SEER2 & 8.9 HSPF2	5843	\$ 1500.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
94	Replace Elec EBB with Ductless MS HP – 19 SEER2 & HSPF2 9	402	\$ 195.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
95	Replace Elec EBB with Ductless MS HP – 21 SEER2 & 10 HSPF2	436	\$ 195.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
96	Cool Roof Installation	182	\$ 290.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
97	Room A/C <8,000 BTUs CEER 12.1 (self install)	21	\$ 10.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
98	Room A/C 8,000 – 13,999 BTUs CEER > 12 (self install)	30	\$ 15.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
99	Room A/C > 14,000 BTUs CEER 11.8 (self install)	42	\$ 20.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
Estimated Total Rebate Incentive (\$)							
Estimated Total Energy Savings (kWh)							