



Participating Contractor

Home Energy Evaluation Program

Introductory Energy: Check-Up Workbook

DE-HEEP-IEC-WKBK-v0224

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*: _____
--------------------	----------------------------------	-----------------------	-------------------------

Building Type*: ☐ Single-Family Detached ☐ Single-Family Attached

Foundation Type: ☐ Slab-on-Grade ☐ Vented Crawlspace ☐ Unvented Crawlspace
☐ Conditioned Basement ☐ Unconditioned Basement

Heating System Type*: ☐ Air-Source Heat Pump ☐ Geothermal Heat Pump
☐ Ductless Mini Split Heat Pump ☐ Baseboard Heating ☐ Non-Electric

Primary Heating Fuel*: ☐ Electric ☐ Non-Electric Primary Percent Contribution*: _____

Secondary Heating Fuel: ☐ Coal (Anthracite) ☐ Coal (Bituminous) ☐ Electricity ☐ Fuel Oil (Number 2)
☐ Kerosene ☐ Natural Gas ☐ Propane ☐ Hardwood ☐ Softwood

Cooling System Type*: ☐ Central A/C ☐ Packaged System A/C ☐ Air-Source Heat Pump
☐ Geothermal Heat Pump ☐ Ductless Mini Split Heat Pump ☐ None

Attic Type: ☐ Cape Cod Attic ☐ Cathedral Ceiling (No Attic) ☐ Flat Roof (No Attic)
☐ Unvented Attic ☐ Vented Attic

Roof Type: ☐ Coating ☐ Single Ply ☐ Spray foam ☐ Asphalt Shingles
☐ Coated Metal Roof (Non-Copper) ☐ Coated Metal Roof (Copper) ☐ Tiles

Dryer Fuel Type*: ☐ Natural Gas ☐ Electricity ☐ Propane

Stove Fuel Type*: ☐ Natural Gas ☐ Electricity ☐ Propane

Window Glazing Type: ☐ Single Pane ☐ Double Pane ☐ Single with Storm ☐ Double Pane (Low-E)

Heating Thermostat Setpoint (60° to 80°F): _____ °F Cooling Thermostat Setpoint (60° to 80°F): _____ °F

Hot Water Type: ☐ Storage Water Heater ☐ Dedicated Boiler with Storage Tank ☐ Instantaneous Water Heater
☐ Heat Pump Water Heater ☐ Space-Heating Boiler with Storage Tank ☐ Space-Heating Boiler with Tankless Coil

Assessment Questionnaire (Continued) All fields marked with an asterisk (*) are required.

Hot Water Fuel*:	<input type="checkbox"/> Electric	<input type="checkbox"/> Non-Electric			
Hot Water Usage Profile*:	<input type="checkbox"/> Very Low	<input type="checkbox"/> Low	<input type="checkbox"/> Normal	<input type="checkbox"/> High	<input type="checkbox"/> Very High
Lighting Usage Profile*:	<input type="checkbox"/> Very Low	<input type="checkbox"/> Low	<input type="checkbox"/> Normal	<input type="checkbox"/> High	<input type="checkbox"/> Very High
Other Electric Usage Profile:	<input type="checkbox"/> Very Low	<input type="checkbox"/> Low	<input type="checkbox"/> Normal	<input type="checkbox"/> High	<input type="checkbox"/> Very High

Contractor’s Notes

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"/> Bedroom <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"/> Bedroom <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	50	\$ 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	28	\$ 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	29	\$ 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	37	\$ 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	52	\$ 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	38	\$ 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	0	\$ 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	0	\$ 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	66	\$ 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)	147	\$ 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)	147	\$ 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	1030	\$ 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	0	\$ 400.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
31	Smart Thermostat on Heat Pump System, replacing Manual	650	\$ 90.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
32	Smart Thermostat on Central AC only, replacing Manual	849	\$ 40.00				<input type="checkbox"/> (R) <input type="checkbox"/> (I)
33	Smart Thermostat on Heat Pump System, replacing Programmable	37	\$ 90.00				<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)
Estimated Total Rebate Incentive (\$)							
Estimated Total Energy Savings (kWh)							