

## 2021 Residential Measures from the Michigan Energy Measures Database

<i>Proposed Technologies for Measures Library</i>	<i>Base Efficiency Level</i>	<i>Proposed Efficiency Level</i>	<i>2021 kWh</i>	<i>2021 Incentive</i>
<b>LIGHTING</b>				
LED Replacement Downlight Fixture	Incandescent	LED Downlight Fixture	44	Up to \$20
LED Candelabra <=5W	Incandescent	LED Candelabra	23.7	Up to \$10
LED A-Line 450-799 Lumens,	Incandescent/Halogen	LED A-line	19.6	Up to \$10
LED A-Line 800-1099 Lumens	Incandescent/Halogen	LED A-line	28.5	Up to \$10
LED A-Line 1100-1599 Lumens	Incandescent/Halogen	LED A-line	34.6	Up to \$10
LED A-Line 1600-1999 Lumens	Incandescent/Halogen	LED A-line	47.2	Up to \$10
LED Par/R/BR <=15.5W	Incandescent	LED Flood or Par	54	Up to \$20
Outdoor LED Par/Flood <=15.5W	Incandescent	LED Flood or Par	276.4	Up to \$20
LED Globe <=8W	Incandescent	LED Globe	27	Up to \$10
LED Holiday Lights	Incandescent Holiday Lights	LED Holiday Lights	10.6	Up to \$10
LED Night Light	Incandescent Night Light	LED Night Light	22	Up to \$10
<b>APPLIANCES</b>				
Energy Star Ceiling Fan	Standard Ceiling Fan With Halogen	ES Ceiling Fan With LED Lighting	94	\$25.00
Energy Star Electric Clothes Dryer	Std. Electric Clothes Dryer	Energy Star Electric Clothes Dryer	143.2	\$75.00
Energy Star Clothes Washer (with electric water heater and electric dryer)	Std. Clothes Washer IMEF = 1.71	Clothes Washer IMEF= 2.41	159.5	\$75.00
Energy Star Clothes Washer (with electric water heater and gas dryer)	Std. Clothes Washer IMEF = 1.71	Clothes Washer IMEF= 2.41	76.3	\$75.00
Energy Star Clothes Washer (with gas water heater and electric dryer)	Std. Clothes Washer IMEF = 1.71	Clothes Washer IMEF= 2.41	98.5	\$75.00
Energy Star Air Purifier CADR 50-100	Standard Efficiency Air Purifier	Energy Star Air Purifier	293.0	\$25.00
Energy Star Air Purifier CADR 101-150	Standard Efficiency Air Purifier	Energy Star Air Purifier	488.0	\$25.00
Energy Star Air Purifier CADR 151-200	Standard Efficiency Air Purifier	Energy Star Air Purifier	683.0	\$25.00
Energy Star Air Purifier CADR 201-250	Standard Efficiency Air Purifier	Energy Star Air Purifier	877.0	\$50.00
Energy Star Air Purifier CADR Over 250	Standard Efficiency Air Purifier	Energy Star Air Purifier	1169.0	\$75.00
Energy Star Pool Pump	Standard Pool Pump	Energy Star Pool Pump	1081	\$150.00
Energy Star Heat Pump Water Heater 55 Gallon	Standard Water Heater	Energy Star Heat Pump	2124.75	\$150.00
Energy Star Dehumidifier	Standard Dehumidifier	Energy Star Dehumidifier	236.8	\$25.00
Energy Star Room AC	Standard A/C unit, 9.8 EER	ENERGY STAR A/C unit, 11.3 EER	62	\$25.00
Energy Star Room AC, less than 8,000btu	Standard A/C unit	ENERGY STAR A/C unit	25.2	\$25.00
Energy Star Room AC, more than 8,000btu	Standard A/C unit, 9.8 EER	ENERGY STAR A/C unit	71.9	\$25.00
Freezers Energy Star - Chest Freezer	Standard Freezer	Energy Star Freezer	30.2	\$75.00
Freezers Energy Star - Upright Freezer	Standard Freezer	Energy Star Feezer	39.8	\$75.00
Refrigerators/Freezers Energy Star - French Door, Bottom Freezer	Standard Refrigerator	Energy Star Refrigerator	59.9	\$175.00
Refrigerators/Freezers Energy Star - Bottom Freezer	Standard Refrigerator	Energy Star Refrigerator	59.9	\$125.00
Refrigerators/Freezers Energy Star - Side by Side	Standard Refrigerator	Energy Star Refrigerator	56.4	\$125.00
Refrigerators/Freezers Energy Star - Top Freezer	Standard Refrigerator	Energy Star Refrigerator	40.8	\$75.00
ENERGY STAR Dishwasher - electric water heater	Standard Dishwasher	ES High Efficiency Dishwasher	25	\$75.00
ENERGY STAR Dishwasher - gas water heater	Standard Dishwasher	ES High Efficiency Dishwasher	16.3	\$75.00
ENERGY STAR 8.0 TV (0-20")	ENERGY STAR 4.0 TV (0-20")	ENERGY STAR 8.0 TV (0-20")	16.2	\$50.00
ENERGY STAR 8.0 TV (21-30")	ENERGY STAR 4.0 TV (21-30")	ENERGY STAR 8.0 TV (21-30")	54	\$50.00
ENERGY STAR 8.0 TV (31-40")	ENERGY STAR 4.0 TV (31-40")	ENERGY STAR 8.0 TV (31-40")	96.7	\$50.00
ENERGY STAR 8.0 TV (41-50")	ENERGY STAR 4.0 TV (41-50")	ENERGY STAR 8.0 TV (41-50")	149.9	\$50.00
ENERGY STAR 8.0 TV (51-60")	ENERGY STAR 4.0 TV (51-60")	ENERGY STAR 8.0 TV (51-60")	216.2	\$50.00
ENERGY STAR 8.0 TV (Over 60")	ENERGY STAR 4.0 TV (>60")	ENERGY STAR 8.0 TV (over 60")	311.1	\$75.00

<b>RECYCLING</b>				
Dehumidifier Recycling	Old Unit Running	Old Unit Removed	139	\$25.00
Room A/C Recycling	Old Unit Running	Old Unit Removed	113	\$25.00
Refrigerator Recycling	Old Refrigerator Running	Old Refrigerator Removed	1135	\$50.00
Freezer Recycling	Old Freezer Running	Old Freezer Removed	944	\$50.00
Small Freezer Recycling less than 10 cu ft	Old Freezer Running	Old Freezer Removed	252.7	\$25.00
Small Refrigerator Recycling less than 10 cu ft	Old Unit Running	Old Unit Removed	289.65	\$25.00
<b>HEATING &amp; COOLING</b>				
Central Air-Conditioning Tune-up	No tune up	Tune-up on Gas furnace with Central AC	102.5	\$60.00
Programmable Thermostat	None Present	Programmable Thermostat	113.24	\$15.00
Smart Thermostat Tier 3	None Present	Based on 2,000 sq ft	113.24	\$60.00
Central Air Conditioner	Standard AC Unit	SEER 15	102/Ton	\$88 Per Ton
Central Air Conditioner	Standard AC Unit	SEER 16	145/Ton	\$105 Per Ton
Central Air Conditioner	Standard AC Unit	SEER 17	164/Ton	\$139 Per Ton
Central Air Conditioner	Standard AC Unit	SEER 18	180/Ton	\$140 Per Ton
Central Air Conditioner	Standard AC Unit	SEER 19	207/Ton	\$191 Per Ton
Central Air Conditioner	Standard AC Unit	SEER 20	220/Ton	\$192 Per Ton
Central Air Conditioner	Standard AC Unit	SEER 21+	232/Ton	\$193 Per Ton
Central Air Source Heat Pump	Base Efficiency Level Seer 14	SEER 16	291/Ton	\$235 Per Ton
Central Air Source Heat Pump	Base Efficiency Level Seer 14	SEER 17	309/Ton	\$270 Per Ton
Central Air Source Heat Pump	Base Efficiency Level Seer 14	SEER 18	497/Ton	\$325 Per Ton
Central Air Source Heat Pump	Base Efficiency Level Seer 14	SEER 19	588/Ton	\$401 Per Ton
Central Air Source Heat Pump	Base Efficiency Level Seer 14	SEER 20	671/Ton	\$541 Per Ton
Central Air Source Heat Pump	Base Efficiency Level Seer 14	SEER 21	745/Ton	\$547 Per Ton
Central Air Source Heat Pump	Base Efficiency Level Seer 15	SEER 22	845/Ton	\$550 Per Ton
Central Air Source Heat Pump	Base Efficiency Level Seer 16	SEER 23	927/Ton	\$575 Per Ton
Central Air Source Heat Pump	Base Efficiency Level Seer 17	SEER 24+	987/Ton	\$601 Per Ton
Ductless Mini-Split Air-Source Heat Pump	Base Efficiency Level Seer 14	SEER 18	1570.8/Ton	\$550 Per Ton
Ductless Mini-Split Air-Source Heat Pump	Base Efficiency Level Seer 14	SEER 19	1580/Ton	\$590 Per Ton
Ductless Mini-Split Air-Source Heat Pump	Base Efficiency Level Seer 14	SEER 20	1865.5/Ton	\$641 Per Ton
Ductless Mini-Split Air-Source Heat Pump	Base Efficiency Level Seer 14	SEER 21	1864/Ton	\$701 Per Ton
<b>Multifamily Direct Install</b>				
Low Flow Kitchen Faucet Aerators 1.5 gpm electric water heater	2.2 gal/minute	1.5 gal/minute	279	Up to \$10.00
Low Flow Bathroom Faucet Aerators 1.5 gpm electric water heater	2.2 gal/minute	1.5 gal/minute	40	Up to \$10.00
Low Flow Showerheads 1.5 gpm electric water heater	Standard Flow 2.5 gal/min	Low Flow 1.5 gal/minute	334	Up to \$25.00
Pipe Wrap R3 for Electric Water Heaters	Uninsulated pipes	Insulated pipe wrap with R3	51	Up to \$50.00