

Residential Efficiency

Cost Effective Upgrade Checklist

	Existing Condition	Recommended Upgrade
Attic	Attics < R-15insulation	R-49, or maximum for available space
Frame Wall	No insulation	Fill the wall with insulation (R-13 or greater)
Floor	No insulation	R-30
Basement Wall	no wall insulation	R-10 continuous or R-21 Frame wall
Windows	single pane or metal frame	Replacements Meet Code (U-0.30)
Air Leakage Control	very drafty (>10 ACH50)	Implement Blower Door Guided Air Sealing (>7 ACH50)
Duct Leakage Control	very leaky (>10%/CFA)	Implement duct sealing, test to verify ducts are sealed (>6%/CFA)
Duct Insulation	ducts in unconditioned space <R-4 insulation	Insulate to R-11
Primary Space Heating	Electric Resistance Space Heating	Install a heat pump
Primary Space Heating	Oil Space Heating	Replace oil with gas furnace or heat pump

