

Exhibit C. Measure Lives

Commercial and Industrial Measures	Years
Commercial and Industrial HVAC and Refrigeration	
HVAC -Unitary Systems	15
HVAC - Central Systems	15
Heat Recovery Systems	15
Chillers	20
Commercial and Industrial Controls	
HVAC Controls, including Energy Management Systems	15
Lighting Control Systems	15
Process and Other Efficiency Control Systems	10
Commissioning/Retro-commissioning	5
Commercial and Industrial Process Efficiency Improvements	
Refrigeration Systems	19
Motor and Drive Systems	15
Fan, Compressor and Pump Systems	15
ENERGY STAR Qualified Transformers	15
Other Process Modifications	15
Food Storage – Free standing Freezers	19
Food Storage – Free standing Refrigerators	19
Laundry - Commercial ENERGY STAR Qualified Clothes Washer	8
Commercial and Industrial Lighting Improvements	
Fluorescent, Compact Fluorescent, or HID Luminaires/Fixtures	12
LED and EL Exit Signs	10
Low Voltage Halogen	10
Commercial and Industrial Building Thermal Improvements	
Roof, Ceiling and Wall Insulation	15
Exterior Roof Insulation	10
Duct Insulation	15
Insulated Windows (minimum Class .35 for new construction)	20
Commercial and Industrial Domestic Water Heating Improvements	
Insulation	10
Low Flow Devices	5
Heat Pump Water Heaters	15
Water Heater Tank, not to exceed warranty period	Up to 15

Measure lives are consistent with PSE's filed Electricity Conservation tariffs and/or RTF.

This list may not include all possible measures. For Measures not listed, respondent should recommend a measure life, with supporting data, experience, or evaluation findings.

See next page for residential measures.

Exhibit C. Measure Lives

Residential Measures	Years
Residential Lighting	
Screw-in CFL's (ENERGY STAR qualified)	9
CFL Fixtures (ENERGY STAR qualified)	15
Residential HVAC	
Air-source heat pump conversions-Mobile homes (ENERGY STAR qualified & install to RTF specification)	18
Air-source heat pump upgrades-Mobile homes (ENERGY STAR qualified & install to RTF specification)	18
Heating supply duct sealing - Single family (PTCS or qualifying equivalent specification)	20
Heating duct sealing - Mobile home (PTCS or qualifying equivalent specification)	20
Heating supply duct insulation	20
Residential Water Heating	
Domestic water heater (natural gas) = .62 EF or greater	12
Water heater pipe insulation	15
Shower head & aerator replacement	6
Residential Envelope – Existing & New Construction	
Shell insulation - Single & Multi-family	30
Residential Appliances	
Dishwasher (ENERGY STAR qualified)	9
Washing machine (ENERGY STAR qualified)	14

Measure lives are consistent with PSE's filed electricity conservation tariffs and/or RTF.

This list may not include all possible measures. For measures not listed, respondent should recommend a measure life, with supporting data, experience, or evaluation findings.