

Chasing Points with Natural Gas

Medium Dwelling Unit (1,501 – 4,999 square feet) requires 8.0 credits for compliance.

Estimates include equipment, materials, and labor costs.

Estimates are based on feedback from 60 industry stakeholders regarding which credit options are likely to be pursued.

Equipment selected:

- Energy Star rated (U.S. North) gas or propane furnace with minimum AFUE of 95%.
- Energy Star rated gas or propane water heater with a minimum UEF of 0.80.

Selection	Option Selected	Points Earned	Estimated Cost
Energy Equalization R406.2	System Type 1	0	
Envelope R406.3 Options 1.1 - 1.4	Option 1.4	2.5	\$12,095
Air Leakage/Ventilation R406.3 Options 2.1 - 2.3	Option 2.2	1.5	\$5,457
High Efficiency HVAC R406.3 Options 3.1 – 3.11	Option 3.1	1	\$3,242
HVAC Distribution R406.3 Option 4.1	Option 4.1	0.5	N/A (design choice)
Water Heating R406.3 Options 5.1 – 5.8	Option 5.3	0.5	\$1,550
Renewables R406.3 Option 6.1 (Can earn up to 4.5 credits)	Solar panels: 8kWh savings for 2 credits	2	\$8,400 (after tax credits)
Appliance R406.3 Option 7.1	N/A	0	

Total = \$30,744

Cost source: RSMeans Data Online, requires subscription.

Location input: Seattle

Prepared by Andrea Smith

Chasing Points with Electric

Medium Dwelling Unit (1,501 – 4,999 square feet) requires 8.0 credits for compliance.

Estimates include equipment, materials, and labor costs.

Estimates are based on feedback from 60 industry stakeholders regarding which credit options are likely to be pursued.

Equipment selected:

- Ductless split system heat pumps with no electric resistance heating in the primary living areas. A ductless heat pump system with a minimum HSPF of 10 shall be sized and installed to provide heat to entire dwelling unit at the design outdoor air temperature.
- Electric heat pump water heater meeting standards for Tier III NEEA's Advanced Water Heating Specifications.

Selection	Option Selected	Points Earned	Estimated Cost
Energy Equalization R406.2	System Type 4	3	
Envelope R406.3 Options 1.1 - 1.4	Option 1.2	1	\$3,255
Air Leakage/Ventilation R406.3 Options 2.1 - 2.3			
High Efficiency HVAC R406.3 Options 3.1 – 3.11	Option 3.7	2	\$7,889 (after tax credits)
HVAC Distribution R406.3 Option 4.1			
Water Heating R406.3 Options 5.1 – 5.8	Option 5.6	2	\$2,599
Renewables R406.3 Option 6.1 (Can earn up to 4.5 credits)			
Appliance R406.3 Option 7.1			

Total = \$13,743

Cost source: RSMMeans Data Online, requires subscription.

Location input: Seattle

Prepared by Andrea Smith