

2021 Washington State Energy Code – Residential
 Prescriptive Energy Code Compliance for All Climate Zones in Washington
 Single Family – New & Additions (effective March 15, 2024)

Summary of Table R406.3				
Options	Energy Credit Option Descriptions	Credits – limited to one energy option from each category ^d		Comments:
1.1	Efficient Building Envelope	0.5	<input type="checkbox"/>	
1.2	Efficient Building Envelope	1.0	<input type="checkbox"/>	
1.3	Efficient Building Envelope	1.5	<input type="checkbox"/>	
1.4	Efficient Building Envelope	2.5	<input type="checkbox"/>	
2.1	Air Leakage Control and Efficient Ventilation	1.0	<input type="checkbox"/>	
2.2	Air Leakage Control and Efficient Ventilation	1.5	<input type="checkbox"/>	
2.3	Air Leakage Control and Efficient Ventilation	2.0	<input type="checkbox"/>	
3.1 ^a	High Efficiency HVAC	1.0	<input type="checkbox"/>	
3.2 ^a	High Efficiency HVAC	0.5	<input type="checkbox"/>	
3.3 ^{a,c,d}	High Efficiency HVAC	0.5	<input type="checkbox"/>	
3.4 ^{a,d}	High Efficiency HVAC	1.5	<input type="checkbox"/>	
3.5 ^d	High Efficiency HVAC	1.5	<input type="checkbox"/>	
3.6 ^a	High Efficiency HVAC	1.0	<input type="checkbox"/>	
3.7 ^{a,d,e}	High Efficiency HVAC	2.0	<input type="checkbox"/>	
3.8 ^{a,d}	High Efficiency HVAC	1.0		
3.9	High Efficiency HVAC	1.5	<input type="checkbox"/>	
3.10 ^f	High Efficiency HVAC	2.5		
3.11 ^c	High Efficiency HVAC	0.5		
4.1	High Efficiency HVAC Distribution System	0.5	<input type="checkbox"/>	
5.1	Efficient Water Heating	0.5	<input type="checkbox"/>	
5.2	Efficient Water Heating	0.5	<input type="checkbox"/>	
5.3	Efficient Water Heating	0.5	<input type="checkbox"/>	
5.4	Efficient Water Heating	1.0	<input type="checkbox"/>	
5.5	Efficient Water Heating	1.5	<input type="checkbox"/>	
5.6	Efficient Water Heating	2.0	<input type="checkbox"/>	
5.7	Efficient Water Heating	2.5	<input type="checkbox"/>	
5.8	Efficient Water Heating	2.5	<input type="checkbox"/>	
6.1	Renewable Electric Energy (4.5 credits max)	0.5-4.5		
7.1	Appliance Package	0.5	<input type="checkbox"/>	
Total Credits				

a. An alternative heating source sized at a maximum of 0.5 Watts/ft² (equivalent) of heated floor area or 500 Watts, whichever is bigger, may be installed in the dwelling unit.

b. See Section R401.1 and residential building in Section R202 for Group R-2 scope.

c. Option 3.11 can only be taken with Options 3.1 and 3.3. To qualify to claim Option 3.11 with 3.3, the system shall be a 1-2 speed heat pump system. Variable capacity heat pumps are ineligible from claiming this option.

d. This option may only be claimed if serving System Type 4 or 5 from Table R406.2.

e. Primary living areas include living, dining, kitchen, family rooms, and similar areas.

f. Option 3.10 may only be taken with Efficient Water Heating Options 5.1 or 5.2. Equipment sizing for space heating shall be calculated as provided in Section R403.7 with increased capacity to provide a minimum of 75 percent of peak hot water demand or shall be sized in accordance with approved manufacturer's specifications or guidance. Supplementary heat for water heating system shall be in accordance with Section R403.5.7.