

(Effective March 15, 2024)

**WAC 51-11C-40620 Section C406.2—Additional energy efficiency credit measures.**

**C406.2 Additional energy efficiency credit measures.** Each energy efficiency credit measure used to meet credit requirements for the project shall include efficiency that is greater than the energy efficiency required for the building type and configuration requirements in Sections C402 through C405. Measures installed in the project that meet the requirements in Sections C406.2.1 through C406.2.14 shall achieve the credits listed for the measure and occupancy group in Table C406.2 or where calculations required by Sections C406.2.1 through C406.2.14 create or modify the table credits, the credits achieved shall be based upon the section calculations.

**Table C406.2  
Efficiency Measure Credits**

Measure Title	Applicable Section	Occupancy Group					
		Group R-1	Group R-2	Group B	Group E	Group M	All Other
1. Dwelling unit HVAC control	C406.2.1	NA	7	NA	NA	NA	NA
2. Improved HVAC TSPR <sup>a</sup>	C406.2.2.1	NA	8	11	17	22	NA
3. Improve cooling and fan efficiency	C406.2.2.2	2	2	3	4	3	2
4. Improve heating efficiency	C406.2.2.3	2	3	3	10	16	7
5. Improved low-carbon district energy system (10% better)	C406.2.2.4	3	3	4	11	17	8
6. Improved low-carbon district energy system (20% better) <sup>b</sup>	C406.2.2.5	9	10	12	33	52	24
7. High performance DOAS	C406.2.2.6	31	31	21	39	40	21/ (A) 40 <sup>c</sup>
8. Fault detection & diagnostics (FDD)	C406.2.2.7	2	2	2	6	9	4
9. 10% reduced lighting power	C406.2.3.1	7	4	18	16	20	15
10. 20% reduced lighting power <sup>d</sup>	C406.2.3.2	13	8	36	32	40	29
11. Lamp efficacy improvement	C406.2.3.3	5	6	NA	NA	NA	NA
12. Residential lighting control	C406.2.4.1	NA	8	NA	NA	NA	NA
13. Enhanced lighting control	C406.2.4.2	1	1	6	6	11	6
14. Renewable energy	C406.2.5	7	12	13	13	10	11
15. Shower drain heat recovery	C406.2.6.1	9	30	NA	3	NA	NA
16. Service water heat recovery	C406.2.6.2	35	111	13	14	(Grocery) 41 <sup>e</sup>	NA
17. Heat pump water heating	C406.2.6.3	81	261	17	33	(Grocery) 95 <sup>e</sup>	(A-2) 95 <sup>f</sup>
18. Heat trace system	C406.2.7.1	6	13	4	1	NA	6
19. Point of use water heater	C406.2.7.2	NA	NA	19	5	NA	NA
20. Service hot water distribution right sizing	C406.2.8	13	42	NA	NA	NA	NA
21. High performance service hot water temperature maintenance system	C406.2.9	6	13	4	1	NA	6
22. High efficiency service hot water circulation system	C406.2.10	3	6	2	1	NA	4
23. Low flow residential showerheads	C406.2.11	3	3	NA	NA	NA	NA

Measure Title	Applicable Section	Occupancy Group					
		Group R-1	Group R-2	Group B	Group E	Group M	All Other
24. Enhanced envelope performance <sup>g</sup>	C406.2.12	24	20	13	5	19	14
25. Base reduced air leakage <sup>g</sup>	C406.2.13.2	29	24	6	3	9	11
26. Enhanced reduced air leakage <sup>g</sup>	C406.2.13.3	53	44	11	5	16	20
27. Enhanced commercial kitchen equipment	C406.2.14	30 <sup>h</sup>	18 <sup>h</sup>	18 <sup>h</sup>	30 <sup>h</sup>	30 <sup>h</sup>	31 <sup>h</sup>
28. Enhanced residential kitchen equipment	C406.2.15	12	19	NA	NA	NA	NA
29. Enhanced residential laundry equipment	C406.2.16	NA	6	NA	NA	NA	NA
30. Heat pump clothes dryers	C406.2.17	6	6	NA	NA	NA	NA
31. Efficient elevator equipment	C406.2.18	3	5	5	5	4	4

<sup>a</sup> Projects using Item 2 shall not use Items 3 through 5.

<sup>b</sup> Projects using C406.2.2.5 shall not use C406.2.2.4.

<sup>c</sup> For C406.2.2.6, occupancy Group A achieves 40 credits while other occupancy groups within the "all other" category achieve 21 credits.

<sup>d</sup> Projects using C406.2.3.2 shall not use C406.2.3.1.

<sup>e</sup> Service water heat recovery and heat pump water heating are available in Group M only for grocery stores larger than 10,000 ft<sup>2</sup>. Large mixed retail with full grocery and butcher sections shall achieve half the credits. This credit is not available where refrigeration recovery to heat service hot water is used to meet the requirements of Section C403.9.2.3.

<sup>f</sup> Heat pump water heating efficiency credits are available in the "all other" category only for Group A-2.

<sup>g</sup> Buildings or building areas that are exempt from the thermal envelope requirements in accordance with Sections C402.1.1 and C402.1.2, do not qualify for this package.

<sup>h</sup> Additional energy efficiency credits, up to the maximum shown in Table C406.2, shall be calculated according to Section C406.2.11.

[Statutory Authority: RCW 19.27A.020, 19.27A.025, 19.27A.160 and chapters 19.27A and 19.27 RCW. WSR 22-14-091, 23-12-101, and 23-20-021, § 51-11C-40620, filed 7/1/22, 6/7/23, and 9/25/23, effective 3/15/24.]