

## STATE BUILDING CODE OPINION 24-Sept12

**CODE:** 2021 Washington State Energy Code-Commercial

**SECTION:** C403.4.1.7 and C403.4.11.4, Demand Responsive Controls

**BACKGROUND:** Section C403.4.1.7 was added to the 2021 WSEC-C and was not correlated and may be in conflict with Section C03.4.11.4. The C403.4.1.7 provision is also in conflict with many other thermostatic controls requirements for other systems in section C403.4.

**QUESTION 1:** Are only large DDC Systems required to have thermostatic controls for heating and cooling systems required provided with demand responsive controls capability?

**ANSWER 1:** **The intent was that the controls be provided for all buildings with multi-zone DDC systems.**

**QUESTION 2:** If all thermostatic controls for heating and cooling systems (including small standalone systems like electric heaters) are required to have demand responsive controls capability is the controls demand response device and utility signal required to be provided now or can that be retrofitted in the future?

**ANSWER 2:** **The demand response device and utility signal is not required at this time. The code only requires that the systems are capable of participating in future demand response programs.**

**SUPERSEDES:** None

**REQUESTED BY:** City of Bellevue