



Washington State Building Code Council

Improving the built environment by promoting health, safety and welfare

1500 Jefferson Street SE • P.O. Box 41449 • Olympia, Washington 98504
(360) 407-9280 • fax (360) 586-5366 • e-mail sbcc@ga.wa.gov • www.ga.wa.gov/sbcc

STATE BUILDING CODE INTERPRETATION NO. 17-08

CODE: 2015 Washington State Energy Code - Commercial

SECTION: **C404.7.1, Circulation systems**

QUESTION: The industry is providing intelligent or "smart" service hot water controls which monitor and record hot water usage patterns for a time period (i.e. week) and subsequently cycle the pump based on the previous usage pattern demand times. Does this type of control meet the intent of Section C404.7.1 which requires the pump start "based on the identification of a demand for hot water within the occupancy"?

ANSWER: **Yes, as long as the system monitors a demand for hot water within the occupancy.**

SUPERSEDES: None

REQUESTED BY: City of Bellingham