

Dodd Follow-up

Multi-Family / Hirise Res DHW – One of the well known “loopholes” in the standards pertains to the use of large central boilers on this group of occupancies. The current standards require us to compare the actual hot water system to individual 50 gallon gas water heaters. Needless to say, a 400 unit hi-rise building that utilizes two large instantaneous boilers will have a considerable energy advantage over the 400 individual tank system. This is commonly used on this occupancy class to get electric space heating to comply. The large system should be compared to a large system, thus the only tradeoffs would be efficiency. If the designer decides to put in a 92% condensing boiler, we would compare back to the conventional boiler at 80% and they would get a credit. Not a huge one, but the reasonable amount justified for this upgrade.