Brad,

Thanks for inviting me to speak on the WSEC-R at your ASHI conference. I will plan to present two 2 hour sessions on March 20^{th} in Everett. One at 10 am -12 pm for the general WSEC residential code and then 1 pm -3 pm for the HVAC and mechanical. as we discussed. I will plan to bring handouts if you can provide a head count estimate. I will bring my laptop and a memory stick, in case you would prefer to use a ASHI computer for my presentation.

Please send us meeting logistics info. I have provided my bio and brief course description. Please let me know if you require additional information. The information you requested is as follows: Please let me know if this works.

Michael Lubliner Senior Building Science Specialist Washington State University Cooperative Extension Energy Program

1) Here is my bio:

Mr. Lubliner currently works for the Washington State University Cooperative Extension Energy Program. Lubliner provides technical assistance to the 2015 Washington State Residential Energy Code program. He is nationally recognized for research and program implementation efforts associated with single and multi-family site built, manufactured housing and not for profit housing in the areas of; HVAC systems, energy efficiency and indoor air quality. Lubliner has provided technical assistance to the Pacific Northwest Energy Star housing programs, and has been involved in the USDOE Building America and USEPA Energy Star programs for over 15 years. An ASHRAE member for over 30 years, Lubliner is currently a voting member of numerous ASHRAE technical, standards and research committees

2) Here is the general WSEC-R course description:

Residential Energy Code Compliance The 2018 Washington State Energy Code (WSEC-R) will be in effect throughout the state on July 1, 2020. WSU Energy Program will provide a 2 hour course that will focus on the current 2015 and commonly misunderstood requirements. An overview of WSEC-R 2018 proposed changes to the energy code will also be presented and discussed. This course is ideal for building department staff, home inspectors, builders, subcontractors, architects, and any other building industry professionals wishing to gain a proficient understanding of the WSEC-R and residential building science. HVAC and envelope testing equipment will be available as "show and tell" to attendees

3) Here is the HVAC WSEC-R course description:

Residential HVAC and WSEC-R: The 2018 Washington State Energy Code (WSEC-R) will be in effect throughout the state on July 1, 2020. This training will focus on general HVAC systems requirements in the current WSEC-R 2015 and new WSEC-R 2018, This HVAC course will include the following areas:

- duct testing requirements and ducts testing fundamentals as required in the current residential
 Washington State Energy Code
- designing HVAC within then conditioned space for cost effective energy savings and improved comfort.
- Sizing the HVAC system per WSEC-R
- HVAC requirements and WSEC-R 2015 and 2018 new energy credits

The presentation will provide technical HVAC information to help support builders and HVAC contractor efforts with WSEC-R. This 2 hour course is ideal for building department staff, home inspectors, builders, subcontractors, architects, and any other building industry professionals wishing to gain a proficient understanding of the WSEC-R and residential building science. HVAC and envelope testing equipment will be available as "show and tell" to attendees

Regards,
Mike Lubliner
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