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Energy Star Program
Washington D.C. 20460

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Inspire's mission is to advance the adoption of clean energy and smart home technologies thus we are very excited and appreciative of the opportunity to be involved with this initiative and to comment on the second draft of the SHEMS specification. Inspire appreciates all of the hard work that has gone into the initiative thus far, and we're incredibly supportive of ENERGY STAR and this effort. Below are our comments and questions to help inform the next version of the specification:

1.) Lines 31 - 32 state "A SHEMS package must be marketed as a complete offering but may be sold separately. A SHEMS package may be a subset of a larger home automation platform that provides other services." It is unclear what is meant by "may be sold separately". Can this statement be clarified? It is our interpretation that a SHEMS package must include all eligibility criteria outlined in section 4 to receive certification, but since components from different manufacturers can be utilized, there is possibility to mix-and-match components in creating a complete package. Can this be confirmed?

2.) Some homes lack central air conditioning. Can you confirm whether or not an installation would be SHEMS compliant if it were installed in a home where only heating is available?

3.) As it relates to field performance reporting, it would be helpful to form guidelines on data collection. Because several devices within a SHEMS package can potentially be battery operated, there are competing objectives between device battery life and sensor measurement frequency. Several metrics describe calculating a number of away hours per week, but depending on the frequency of sensor measurement, different results can be determined for these metrics. We suggestion requiring introducing a minimum sampling rate (i.e. 30 min, 15 min, etc...) or on a change of measurement value basis such that an accurate measurement history of the device can be represented.

Please don't hesitate to contact us with any follow up questions or clarifications.

Best Regards,

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