

## **Follet, Scott Bingham**

Thank you for the opportunity to attend the Energy Star meeting last week in Chicago. This e-mail constitutes Follett's response to the Draft 1 Version 2.0 Energy Star specification. Below are our key points that we would like to bring to your attention.

1. Data template: Attached is the data template for Follett equipment. In addition to the data for our icemakers, I have included data on our ice and water dispensers, which I will discuss below.
2. Ice hardness: Follett supports the use of the term ice quality in lieu of ice hardness. The hardness of the ice is not directly correlated to the calorimeter testing which is what the number is derived from. Water has a hardness factor (amount of dissolved ions) not related to this measurement. Hardness is the wrong word to use to describe the cooling value of ice.
3. Ice quality as part of Energy Star criteria: As noted in the meeting, Follett supports the use of ice quality and its impact on energy usage. Follett believes that there is a wide range of ice quality from one manufacturer to another. This is based on our internal tests (which are attached) and printed literature from other icemaker manufacturers. The additional energy required to produce higher quality ice should be taken into account.
4. Repeatability of ice quality tests: Follett would be glad to have discussions regarding the test method to determine ice quality.
5. Ice quality and cubers: Follett favors separate classification of batch and continuous icemakers with respect to Energy Star qualification. In addition, Follett contends that ice quality should be part of the cuber criteria as well. Follett believes that assumption that cube ice quality is 100% is incorrect.
6. Water usage: The water usage numbers that Follett has reported include flushing that occurs outside of the test period. There are many positive results from this flushing, and Follett believes that this minimal increase over the standard 12 gallons/100# should be allowable under Energy Star criteria.
7. Ice and water dispensers: Follett would like to see ice and water dispensers included in this draft. Follett included energy and ice quality data for these pieces of equipment. The data is with respect to the making of ice and doesn't take into account any energy (which is minimal) required to dispense the ice. We recommend that ice and water dispensers be treated like icemakers and rolled into the current draft proposal.