

Lenovo Comments on Draft 2 Version 5.0 ENERGY STAR Computer Specification

9/25/08

Page.11, Table 1

It shows that system with more than 4GB memory could have -15kWh(for Desktops) or -10kWh(for Notebooks) adjustments. What does it mean? For example, in case of Notebook in Category A, does the criteria change to $(30-10)=20\text{kWh}$? Or $(30+10)=40\text{kWh}$? I think sample calculation should be shown as version 4.0 did.

Page.11, Table 2

I still cannot understand "Proxying", though I checked the reference sites. Does it mean remote management function like ASF/DASH? Or different at all? I don't think the reference site(document) on line.414 at page.9 would show enough information. (I will study more....)

Page.11, Line 514-519

At first, I agree that WOL enablement would be included into base TEC. But 0.7W adder in Sleep and Off corresponds to 4.3kWh. (not 3.5kWh)

$$(8760/1000) * (0.7\text{W} * 60\% + 0.7\text{W} * 10\%) = 4.2924\text{kWh}$$

As for Notebook Category A which has the most severe criteria, 4.3kWh is not so small. ($4.3\text{kWh}/30\text{kWh} = 14\%$) I think there would be little power consumption delta at Off and Sleep between notebook with GPU (Category B) and notebook without GPU (Category A).

One more comments. In order to remove complexity, WOL adjustment is going to be removed. On the other hand, memory (>4GB) has such a adjustment. I think it would cause complexity, because the power consumption delta between system with 2GB and one with 4GB may be about 1kWh based on my experience. I cannot understand why 10kWh delta is assumed here.

Page.18, Line 644

Where is "Section 1V"? I cannot find it...