

March 14, 2008

Comment from METI on
1st Draft - ENERGY STAR® Server Specification (Version 1.0)

Test Voltage and Frequency

In 3) A. of the 1st Draft, it is stated that “power supply efficiency must be tested and reported at 230 VAC/60Hz”. However, under ENERGY STAR program, products are required to be tested and reported at a relevant voltage/frequency combination of the market which will be sold at, and the supply voltage combinations is an agreed issue. The same approach should also be applied to server power supplies. Therefore, ENERGY STAR’s regular test condition (Supply Voltage) should be provided here.

Most of servers in Japan are designed to operate at rated 100V, 50/60Hz; accordingly, there may be server power supplies dedicated only for such servers at 100V, 50/60Hz. For the purpose of ENERGY STAR that is to recognize best performers in terms of energy efficiency, highly efficient 100V servers using 100V power supplies should also be eligible for ENERGY STAR.