Comments on Draft 2
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I used a 5ft.3 refrigerator and freezer for the volume in the solid door and glass door formulas shown on page 7 of the Eligibility Criteria attached on your email below. The refrigerator kWhr/day came to 2.000 for the solid door model and the freezer came to 2.780 for the solid door model. The glass door kWhr/day came to 1.760 for the 5ft.3 glass door refrigerator and 2.440 for the 5ft.3 glass door freezer. The glass door models are allowed less energy consumption than the solid door models. Is there a problem with the formulas for this vertical configuration (0<V<15) ? A glass door model will use more energy than a solid door model due to losses through the glass. The freezer solid door models were also allowed more energy consumption per day than the glass door freezers using a 10ft.3 model (4.38 vs. 4.240 kWhr/day respectively). Please explain the rationale behind the formulas to be used. Thank you for your assistance.