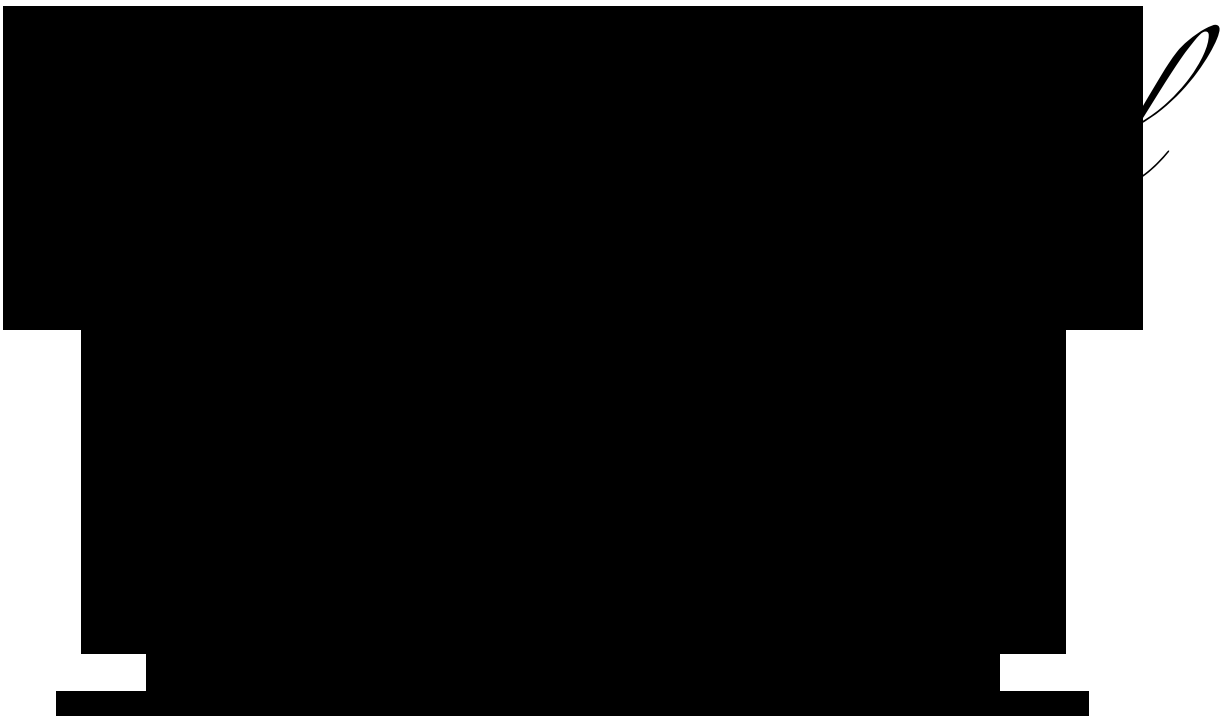

May 6, 2009

[redacted]

Attn: Mr. [redacted]

Re: Refrigerated Container Power Consumption Comparison

Mr. Johnson

On Thursday morning April 30th 2009 at approximately 8:30A.M. [redacted] installed two electrical recording meters on the 480volt receptacles supplying power to reefer row containers (trailers) identified as CMCU510007, coated with Eco-Transport Coating on the Roof of the Container only, and CMCU510119, uncoated, for the purpose of recording the electrical power consumption analysis of each unit. We returned on Friday May 1, 2009 and removed these recording meters at 9:15A.M.

After reviewing the information unique to these two units we saw a small difference in power consumption between the two containers. Diamond did not record internal or external temperature or conditions therefore we cannot offer that any information that both containers were kept at the same ambient temperature inside, we think that [redacted] technicians monitored that information.

Container #CMCU510007, had many more violate amperage peaks than container # CMCU510119, but it ran seamlessly. Container # CMCU510119 had a slightly higher power consumption rate. During the time that these recorders monitored the power consumption Container #CMCU510119 had approximately 12% more run time than Container #CMCU510007 (see "A" & "B" below) and Container #CMCU510119 also had approximately 8% more amperage draw than Container #CMCU510007 during the run time (see "C" & "D" below).

"A" Container #CMCU510007 ran approximately 1,008 minutes.
"B" Container #CMCU510119 ran approximately 1,152 minutes.
"C" Container #CMCU510007 average running amperage was 6.42amps
"D" Container #CMCU510119 average running amperage was 6.99amps

Container #CMCU510007 ran an average 11 minutes on and 6 minutes off
Container #CMCU510119 ran an average 16 minutes on and 6 minutes off
There were times during the night when they would change slightly with #510007 running slightly more than #510119

Bottom line is that whatever the difference is between the two containers #CMCU510007 saves $ 2.42 per day on a day like April 30th 2009 with all the same setting.

Best Regards,
[redacted]

[redacted]

Additional Notes:

Test conducted in Jacksonville, FL where there was a measured high temperature of 84 Degrees Fahrenheit and an average humidity of 49%. The technicians of the proprietor of the containers measured an internal roof temperature differential between Container #CMCU51007 and Container #CMCU510199 ranging from 15 Degrees Fahrenheit to 32 Degrees Fahrenheit during Peak Hours with a daily average of 20 degrees Fahrenheit differential with Container #CMCU51007, coated with Eco-Transport Coating, being the cooler of the two.