
From: Mark Hanson [<mailto:mark@controltecas20.com>]
Sent: Thursday, November 07, 2013 3:02 PM
To: Nazar, Hasan; 'Nouri, Ali (Franken)'; Brad Geuke
Cc: Cymbalsky, John; Ramos, Derrick; Warner, James
Subject: RE: DOE EPCA Commercial Refrigeration Standards - EERE-2010-BT-STD-0003 / (RIN) 1904-AC19

John, Ashley, James and Brad,

Thanks for your time today and it was a good discussion. We are a growing company and are controlling thousands of the existing low amperage doors the OEM's are using to meet the current standard.

In today's call we discussed the new CRE proposed standard and how ControlTec anti-sweat controls can help meet those standards without sacrificing equipment performance or integrity. We have a revolutionary product that is the only in the business that has built in Measurement & Verification (M&V). All other anti-sweat heater controls are old technology that has algorithm's to estimate store conditions inaccurately.

Points of discussion:

1. DoE has no anti-sweat heater requirement.
2. Manufacturers are using decreased door heat to meet the existing 2009 standard.
3. Weighted average reduction for new proposed standard is 15%.
4. Other improvements include more insulation, better glass and coatings, and compressors.
5. New standard only requires and tests for daily kWh consumption.
6. The current ASHRAE testing standard adopted by the DoE is for CRE equipment at 55/75.
7. Decreased door amperage/heat is creating issues across the country for retailers and customers.

Brad Geuke is included in this email and please send us the new proposed standard.

Thanks again,

Mark Hanson
Certified Energy Manager
ControlTec LLC
701-238-3393 Mobile

----- Forwarded message -----

From: **Mark Hanson** <mark@controltecas20.com>
Date: Tue, Oct 29, 2013 at 12:22 PM
Subject: DOE EPCA Commercial Refrigeration Standards - EERE-2010-BT-STD-0003 / (RIN) 1904-AC19
To: "Nouri, Ali (Franken)" <Ali_Nouri@franken.senate.gov>
Cc: Brad Geuke <brad@controltecas20.com>

Ali Nouri,

Thank you for your time on Friday and here is the requested synopsis.

ControlTec LLC designs, manufactures, and markets anti-sweat controls for the refrigeration installed in grocery/convenience stores nationwide. We have developed the ability to control significant energy use in the pieces of equipment while maintaining the sustainability. As a company, we would like to see if such controls are being considered in the Proposed Rule and understand the time frame for public comment is short.

Our concern is that the anti-sweat heaters implemented by manufacturers to meet the new standards will not perform for many areas of our country that experience higher humidity levels during the summer months. This will lead to condensation on the frame and glass of transparent doors and reduce the life of such equipment. The current standards require such low levels of heat that in over one-half of the country, the doors sweat and lead to problems in the retail environment for months. We work with customers/refrigeration companies nationwide and can have many signatures to a petition stating so.

Our solution is to allow the necessary heat in the equipment and use our

controls to turn off that heat when not needed in low dew point conditions. This allows the equipment to operate as designed, extends the life cycle, and saves significant energy annually without all the problems.

In short, we would like to have a contact at the DOE to meet with and discuss our concerns and strategy.

I am attaching a brochure for equipment specifications and look forward to hearing from you,

Mark Hanson

Certified Energy Manager

ControlTec LLC

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