From: Velasco, Robert A.
To: McWade, Tammy
Subject: RE: Revised Emission Calculations No. 2
Date: Monday, June 17, 2013 10:29:51 AM

The GHG emissions are detailed in the attachment. These calculations are shown as CO_2e.

Best Regards,

(Rob) Robert A. Velasco, P.E., BCEE, QEP
EHS Air Programs
Tampa Electric Company
P.O. Box 111
Tampa, FL 33601
Phone: (813) 228-4232
Cell: (813) 417-9524
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From: McWade, Tammy [mailto:Tammy.McWade@dep.state.fl.us]
Sent: Monday, June 17, 2013 10:24 AM
To: Velasco, Robert A.
Subject: RE: Revised Emission Calculations No. 2

Hi Rob,

I am not seeing the GHG emissions?

Tammy T. McWade
Engineer Specialist III
Florida Department of Environmental Protection
Division of Air Resource Management (DARM)
Office of Permitting and Compliance (OPC)
Phone: 850/717-9086
GIC: 59586

Please take a few minutes to share your comments on the service you received from the department by clicking on this link DEP Customer Survey.
From: Velasco, Robert A. [mailto:RAVelasco@tecoenergy.com]
Sent: Monday, June 17, 2013 9:02 AM
To: McWade, Tammy
Subject: Revised Emission Calculations No. 2

Tammy:

As previously discussed, the revised PSD applicability emission rates for the igniter project are attached. Emission rates were revised to include CO2e on each table and to reduce the VOC emission increase from 39.9 to 39.0 tpy on Table 4. For co-firing and low load operation (Table 4), reduced the amount of natural gas (heat input) for co-firing for each unit slightly to reduce the VOC emission increase to 39.0 tpy. Revised co-firing natural gas heat input rates for each unit are as follows:

Unit ID	Natural Gas Heat Input Cap (MMBtu/yr)
1	5,015,495
2	4,295,353
3	5,029,622
4	5,534,935

Heat input for low load firing stays the same. Please review and contact me if you have any questions.

Best Regards,

(Rob) Robert A. Velasco, P.E., BCEE, QEP
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