From: Ralff Douglas, Kristin Sent: 7/29/2014 9:14:53 AM

To: Williams, Ray (/O=PG&E/OU=Corporate/cn=Recipients/cn=RDW0); Simon, Sean

A. (sean.simon@cpuc.ca.gov); Douglas, Paul (paul.douglas@cpuc.ca.gov)

Cc: Jacobson, Erik B (RegRel) (/O=PG&E/OU=Corporate/cn=Recipients/cn=EBI1):

Allen, Meredith (/O=PG&E/OU=Corporate/cn=Recipients/cn=MEAe)

Redacted
Redacted

Bcc:

Subject: RE: Follow-up to GHG Policy Dicussion - Carbon Metric and UCDavis Materials

Ray, thanks very much for sending these documents over. Very interesting indeed!

From: Williams, Ray [mailto:RDW0@pge.com]

Sent: Monday, July 28, 2014 1:30 PM

To: Douglas, Paul; Ralff Douglas, Kristin; Simon. Sean A.

Cc: Allen, Meredith; Jacobson, Erik B (RegRel) Redacted

Subject: Follow-up to GHG Policy Dicussion - Carbon Metric and UCDavis Materials

Paul, Sean and Kristin

Thanks for spending the time to talk about GHG-related policy.

As we discussed, I am attaching some reports and presentations we mentioned at the meeting.

Carbon Metric Synthesis Report

This is the companion report to our presentation. If you would like to discuss further, please call Jeff or me.

LCFS CRRI Presentation, CRRI Paper, and more detailed Carbon Metric LCFS Report

This covers the LCFS component of the Carbon Metric work. Please note that the assessment reflected in these documents was completed prior to the LCFS amendments being discussed at the ARB. Also note that we are generally supportive of these amendments. Our concern about

the longer-term viability of the LCFS credit market outweighs the observation that these amendments will likely result in somewhat less abatement.

Please contact	of my group if you have questions or would like to discuss
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UCDavis Institute of Transportation Studies Research Paper titled "Long-term Energy Planning in California: Insights and Future Modeling Needs"

This paper compares various models that address pathways to deep GHG reductions in the 2020 - 2030 - 2050 time frame. This paper is a follow-up to the UCDavis California Climate Modeling Dialogue conference last December.

Please contact me if you would like to discuss this research paper further.

Thanks again for taking the time to meet with us, and let's compare notes going forward.

Ray D. Williams

Director, Long-Term Energy Policy

Energy Procurement Dept

Pacific Gas & Electric

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