From:	Griffes, Peter	
Sent:	1/13/2014 9:26:44 AM	
To:	Ungson, Chris (chris.ungson@cpuc.ca.gov)	
Cc:	Redacted	Strauss,
	Todd (/O=PG&E/OU=Corporate/cn=Recipients/cn=TxSq); Frazier-Hampton, Janice Y (/O=PG&E/OU=Corporate/cn=Recipients/cn=JYF1); Ciupagea, Radu (radu.ciupagea@cpuc.ca.gov); Jacobson, Erik B (RegRel)	
	(/O=PG&E/OU=Corporate/cn=Recipients/cn=EBJ1)	
Bcc:		

Subject: RE: Collaborative survey of planning models | January 9, 2014 Meeting

Hi Chris,

Good question. I have only been peripherally involved with this modeling effort, so I will need to get back to you with an answer regarding ORA's involvement.

Look for a response later in the day today, or tomorrow morning.

Peter

From: Ungson, Chris [mailto:chris.ungson@cpuc.ca.gov]
Sent: Saturday, January 11, 2014 6:46 AM
To: Griffes, Peter
Cc: Ciupagea, Radu
Subject: FW: Collaborative survey of planning models | January 9, 2014 Meeting

Hi Peter -

Someone shared the email below and asked why no one from ORA attended. I looked at the list of parties invited and it did not include anyone from ORA, which was a surprise to me. Does PG&E desire ORA's participation at the early stage of this effort or was the intent to bring us into the process later? I believe Antonio knows that ORA (Radu and Bob Fagan, our consultant from Synapse) has been quite

involved in the CAISO's Renewable Integration Modeling technical working group.

Chris

From: <sup>Redacted</sup>				
Sent: Wednesday, January 08, 2014 4:04 PM				
To: Redacted	Jaske. Mike@Energy (Mike.Jaske@energy.ca.gov);			
Redacted <u>Megan.Mao@sce.com</u> ; Redacted	kdw@woodruff			
expert-services.com; Redacted				
Redacted Foglesong , Anna; Brooks, Donald J. (donald.brooks@cpuc.ca.gov); Redacted				
Cc:Redacted Frazier-Hampton, Janice Y; Gilfenbaum, Eliah				
Subject: RE: Collaborative survey of planning models   January 9, 2014 Meeting				

Enclosed is the slide deck that we plan to use tomorrow together with a rough outline of the proposed whitepaper.

We'll have hard copies of these two pieces at the meeting.

I anticipate a very good discussion tomorrow with lots of opportunities to get a more in-depth understanding of the different models currently available or under development.

Thanks all for participating and for your contributions to the discussion tomorrow. antonio

From Redacted					
Sept: Saturday December 14 2013 8:58 AM					
To Redacted	Jaske, Mike@En <u>erav</u>				
(Mike.Jaske@energy.ca.gov); Redacted Meg	an.Mao@sce.com';Redacted				
Redacted /kdw@woodruff-expert-services.com					
Redacted					

Cc: Redacted Frazier-Hampton, Janice Y

Subject: Collaborative survey of planning models | January 9, 2014 Meeting

Thank you for participating in this collaborative survey of planning models.

I hope this effort will lead to a better understanding of the analytical tools and models available to address the electric resource planning challenges that we are facing.

Our first meeting will be on January 9, 2014 at the Pacific Energy Center, 851 Howard Street in San Francisco. The meeting will start at 10am. Lunch will be provided. Please RSVP so that we have an accurate count for lunch.

In preparation for our first meeting, please review in the enclosed file:

• The agenda

• The "scoping template" (p. 4 in the enclosed file) which includes a few examples of issues or questions that the models should be able to answer (i.e. our model needs). Please send me any additional needs you have identified for models. This will serve as a starting point for our session.

• A series of tables with information that we have collected about some of the existing models that are available. The attached information is intended to foster discussion, however, some of it may be useful in the whitepaper that we are proposing as the main deliverable of this collaborative effort.

Thanks again, antonio

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