

From: [Redacted]
Sent: 10/11/2010 11:31:46 AM
To: 'Simon, Sean A.' (sean.simon@cpuc.ca.gov)
Cc: Allen, Meredith (/O=PG&E/OU=Corporate/cn=Recipients/cn=MEAe); [Redacted]
[Redacted]
[Redacted] 'Marks, Jaclyn'
(jaclyn.marks@cpuc.ca.gov)
Bcc:
Subject: RE: PG&E Map

Sean,

I am in communication w/ our GIS and website folks regarding the data format. I will forward you an answer once I get one from them.

With respect to your question about how PG&E's map would change over time: The map under the current methodology will change over time. PG&E installs and/or replaces existing transformers with larger transformers at a rate of approximately 10 to 50 annually. I think we have about 450 "boxes" on our PV map, so the change rate might be somewhere around 1 to 10 percent annually. Please note that this change rate is based on work PG&E is performing on the system, not as a function of solar projects being added. However, depending on how the PV program evolves, the types and sizes of systems installed, etc., it is possible that we may need to modify the map in the future to reflect previously installed PV projects.

Of course, this change rate is based on the assumption that we keep the same methodology moving forward. As I noted in the conference call last week, I hope that through developer feedback, examples of how other utilities are handling (please remember to send me the Ontario link you or Jaclyn discussed during the call), the experiences we, SCE and others have w/ similar programs, Re-DEC, etc. will help provide insight that we can use to modify future versions of the map that: a) are useful to developers; b) manageable from an implementation perspective; c) addresses confidentiality and/or security concerns as appropriate.

Please contact me if you have any additional questions.

Thanks

[Redacted]
PG&E
[Redacted]

From: [Redacted]
Sent: Wednesday, October 06, 2010 4:04 PM
To: 'Simon, Sean A.'
Cc: Allen, Meredith; Marks, Jaclyn; [Redacted]
Subject: RE: PG&E Map

Sean -- I forwarded your comment regarding KMZ to the person in our Graphic Information Service

dept. He is not in the office today and I am not in the office tomorrow or Friday. I will follow-up on this item, and answer your question, on Monday when I return.

Thanks

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PG&E
Redacted

From: Simon, Sean A. [mailto:sean.simon@cpuc.ca.gov]
Sent: Wednesday, October 06, 2010 3:56 PM
To: Redacted
Cc: Allen, Meredith; Marks, Jaclyn
Subject: PG&E Map

Redacted

Following up on our conversation. One request and one question.

Comment: Staff have heard from several developers that SCE's map is more user friendly because the data is published in a KMZ format, which can be used as a Google Earth layer in conjunction with other software. SCE identifies the date of the KMZ file so that stakeholders/developers know the vintage of the information. Please look into using this format for PG&E's location map.

Question: Since PG&E's location information seems primarily based on the substation and transformer capacity, I am wondering how PG&E's map would change over time as solar projects are added to the system. It strikes me that the map under the current methodology would change very little over time, unless significant distribution upgrades occur. Would you agree?

Regards,
Sean

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<http://www.cpuc.ca.gov/renewables>

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