
From: Peterson, Robert
Sent: Tuesday, July 24, 2018 5:16 PM
To: Swain, Mathew <MTSN@pge.com>; 'Flajole, Andy' <Andy.Flajole@nexteraenergy.com>
Subject: Estrella: PEA complete

Dear Mathew, Andy, and team,

The PEA is deemed complete. We are preparing the NOP and finalizing the venue for our CEQA scoping meeting. We're targeting the week of August 6th.

We'll get back to you soon with dates to discuss Item #2 in the email copied below (if needed). I don't believe we need to discuss Item #3. Shapefiles for future GIS submittals would be great.

In addition, we'll provide for your review the GIS file that we intend to display at the public scoping meeting as soon as possible.

Regards,
Rob

Rob Peterson | Senior Analyst/Project Manager | Infrastructure Permitting and CEQA, Energy Division | California Public Utilities Commission | 300 Capitol Mall, 5th Floor, Sacramento, California 95814 | 916/823-4748

From: Swain, Mathew <MTSN@pge.com>
Sent: Thursday, July 19, 2018 5:24 PM
To: Peterson, Robert <Robert.Peterson@cpuc.ca.gov>
Subject: RE: status update RE: Estrella Updated Responses to Deficiency Letter No. 5

Rob,

Thank you for your questions and status check. Here are our responses:

#1) Understood.

#2) We provided the requested DG information for the Paso Robles and San Luis Obispo DPAs in the files identified below. All DG is behind the meter and the system sizing is the CEC de-rated value (as indicated in Item 22 on Attachment 1 to our original and updated response to Deficiency No. 5).

Paso Robles DPA

- CONF_PasoRoblesDPA_GISDATA_06052018_CPUC.gdb, within the Feature Class CONF_ServiceLocations_ALLDATA (e.g., see column called Power Source)
- CONF-PasoRobles_ServicePoint_Info_GIS_Data.xlsx (see, e.g., columns E, N, O, P and Q).

San Luis Obispo DPA

- CONF_SLO_DPA_GISDATA_CPUC.gdb, within the Feature Class CONF_ServiceLocations_ALLDATA (e.g., see column called Power Source)

- CONF-SLO DPA ServicePoint_Info_GIS_Data.xlsx (see, e.g., columns H, M, N, O and P).

We are happy to set up a meeting to go through any questions you may have.

#3) We are absolutely willing to convert the file geodatabase to shapefiles, but would like you to consider the following issues that would entail.

PG&E stores its GIS information in an ESRI-based enterprise GIS database. The Geodatabase (gdb) format is PG&E's standard formatting for generating, preparing and sharing GIS information. The gdb format is data rich and very functional; converting it to shapefiles would result in the loss of some that richness. Shapefiles don't support Domains (internal look-up tables) that many of the fields in the GIS database use. Shapefiles also limit the number of characters a field/column can have to 9. When converting from gdb to shapefile, all fields will be truncated past the 9th character, which creates an issue for our data since our fields are 20-30 characters in length and describe where the data came from. Also, it will take approximately 8 hours to do the conversion for each DPA, or about 16 hours total. This is a significant amount of time which may take several days to complete, as a practical matter, because it will have to be fit into existing work schedules.

We would be happy to set up a call with our GIS expert to help sort out any issues with uploading or otherwise using the gdb files, if that might be useful to determine whether you want us to proceed with the file conversion. Just let us know your preference.

Note that the file geodatabase stores internally the geospatial projection, which is NAD_1983_UTM_Zone_10N, units Feet.

#4) Your plan for a GIS kiosk is fine with us. We will look forward to seeing the GIS dataset you plan to present.

Regards,
Mathew

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From: Peterson, Robert
Sent: Tuesday, July 17, 2018 11:45 AM
To: Erika Carrillo
Subject: status update RE: Estrella Updated Responses to Deficiency Letter No. 5

PG&E System Data

- 1) Our team is evaluating the submitted data. They've told me that the PG&E system data is generally looking pretty good so far. We'll have a more complete reporting on data adequacy next week. It takes quite a bit of time to upload and ingest all the time-series data provided, for example.
- 2) Of note, however, we are concerned that the location of existing DG resources data was not provided. Please let us know if it was included and how/where. It is critical that we have/find this data.
 - DG type, size, online date, and circuit association for all Distributed Energy Resources in the two Distribution Planning Areas; and

- Known distributed generation (DG; in front of and behind the meter) with system sizing information, including in front or behind the meter position; system sizing information must identify if it is nameplate, AC, or CEC de-rated
- 3) Note too that we would prefer GIS shapefiles for ease of upload into our consultant's systems instead of ESRI geodatabases. It would be helpful for PG&E to identify the geospatial projection (usually in the format of something like "NAD 83", or "ESPG 4326") so we can confirm this info is "good," meaning works correctly.

Scoping Meeting Planning

- 4) We plan to have one or more GIS kiosks to display the project and alternative routes at the scoping meeting. Meeting attendees would be able to provide their home or business address (or any mailing address) and our kiosk attendant would zoom in to show proximity to various potential construction alignments/footprints.
- a. By the end of next week, we plan to submit the GIS dataset to PG&E and NEET West for review.

Regards,
Rob

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From: Erika Carrillo
Sent: Thursday, July 12, 2018 1:14 PM
To: Peterson, Robert
Subject: Estrella Updated Responses to Deficiency Letter No. 5

Rob and Tom,

The cover letter and updated response to Estrella PEA Deficiency Letter No. 5 dated June 4, 2018 are attached. The confidential San Luis Obispo Distribution Planning Area, Geographic Information System (GIS) infrastructure, non-GIS infrastructure, and load data have been provided separately through PG&E's Enterprise Secure File Transfer, as well as on USB drive by mail.

Thank you,

Erika Carrillo
Senior Environmental Project Manager

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