

From: [Redacted]  
Sent: 8/28/2012 5:12:55 PM  
To: Dietrich, William (william.dietrich@cpuc.ca.gov)  
Cc: Jacobson, Erik B (RegRel) (/O=PG&E/OU=Corporate/cn=Recipients/cn=EBJ1);  
Skinner, Nathaniel (nathaniel.skinner@cpuc.ca.gov); Huffman, Mark (Law)  
(/O=PG&E/OU=Corporate/cn=Recipients/cn=MRH2); Mulligan, Jack M.  
(jack.mulligan@cpuc.ca.gov)  
Bcc:  
Subject: RE: Data Request GTP\_R12-03-014\_PGE002 - urgent

Bill:

This is a very tight deadline; I will check with folks to see if we have this info. How is this data going to be used?

[Redacted]

**From:** Dietrich, William [mailto:william.dietrich@cpuc.ca.gov]  
**Sent:** Tuesday, August 28, 2012 4:14 PM  
**To:** [Redacted]  
**Cc:** Huffman, Mark (Law); Mulligan, Jack M.; Skinner, Nathaniel  
**Subject:** Data Request GTP\_R12-03-014\_PGE002 - urgent

[Redacted]

Regulatory Affairs

Pacific Gas & Electric Company

[Redacted]

cc: Mark Huffman, Esq., PG&E

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Jack Mulligan, Esq. CPUC

Hello Redacted

This is another data request related to reactive power. This one is rather urgent, and hopefully, easy to answer.

Our understanding is that PG&E converted Contra Costa units 4 and 5 to synchronous condensers, prior to their eventual operation under a Reliability Must Run contract between the new owner and CAISO.

Data Request GTP\_R12-03-014\_PGE002

1. Please confirm that PG&E converted Contra Costa units 4 and 5 to synchronous condensers, prior to their eventual operation under a Reliability Must Run contract between the new owner and CAISO. How long was the conversion process (i.e., from design and engineering work through construction), and what date was the conversion process complete for each unit?
  
- 2) Please provide the actual capital cost (by unit) for converting Contra Costa units 4 and 5 to synchronous condensers. Please indicate the year dollars in which the cost is expressed, and also provide these costs adjusted to nominal 2012 dollars. Provide the data source and data used for taking into account the time value of money (escalating) to 2012 dollars.
  
- 3) Please provide the nameplate capacity of the units (by unit) in megawatts prior to the conversion.
  
- 4) Please provide the maximum reactive power capability (absorption and injection) in Qmin and Qmax in Mvars (by unit), subsequent to the conversion.

Please provide the response by August 31, 2012, 4 p.m.

END OF REQUEST

If this is too short a time-frame, please let me know by August 30.

Thank you very much.

Sincerely,

Bill

William Dietrich

Senior Analyst

Generation and Transmission Planning Section

Infrastructure Planning & Permitting Branch

Energy Division

California Public Utilities Commission

505 Van Ness Ave., Area 4-A

San Francisco, CA 94102-3214

e-mail: [william.dietrich@cpuc.ca.gov](mailto:william.dietrich@cpuc.ca.gov)

phone: (415) 703-1146