

From: Che McFarlin
To: Docket Optical System
Date: 5/2/2007 3:56:35 PM
Subject: Follow up Question to Data Request #61 - length of interconnect tie line

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DATE	MAY 02 2007
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Please docket the attached email.

>>> "Rich Weiss" <rweiss@houston.rr.com> 05/01/07 1:46 PM >>>

Che, The wire from the Midway transformer to the CalPeak Panoche tie is increased in diameter to 954kcmil to handle the 120MW of load, per the PG&E recommendation. Wee will follow their recommendation. The length of wire from the Midway transformer to the CalPeak Panoche tie point is about 300'. PG&E is including an additional piece of wire from the Midway to CalPeak tie point into the PG&E substation to reach the 1000'. They are counting an additional piece of wire we did not include in the 300' reference. Let me know if you have any additional questions. Rich Richard H. WeissStarwood Power-Midway LLC2737 Arbuckle St. Suite LHouston, TX 77005713-662-3688713-828-1810 cell
 ----Original Message----

From: Wong, Albert (ET) [mailto:AYW1@pge.com]
Sent: Tuesday, May 01, 2007 12:54 PM
To: rweiss@houston.rr.com

Cc: JJ Fair; Esguerra, P Mark (ET); Gillis, Chris (ET)

Subject: RE: SIS and Follow up Question to Data Request #61 Rich: Based on the original Interconnection Application, the previously study had assumed the Project is about 1000' away from the 115 kV bus at Panoche Substation. Because the Project size is 104 MW, 715 kcmil Al conductor was used for the study. In 2006, the plant size has increased to 120+ MW, and the proposed interconnection would go through existing Peaker. During the facilities study (report issued on 11/3/06), because the 715 kcmil Al conductor is rated normal for 126 MVA at 115 kV which is marginal for 120 MW project, it was recommended to use 954 kcmil Al - a larger conductor that rated for 150 MVA normal at 115 kV. Subsequently, the system impact re-study were based on the larger conductor assumed. As you can see from the original study, 1000' length is estimated from the plant to the 115 kV bus (system impact repost issued 3/30/06 Fig 2-2). In the re-study, the 1000' are the combined length of the generator tap line from the Project to the Peaker plus the existing generator tie line from the Peaker to the 115 kV bus at Panoche Substation. The facilities re-study will provide more detail length of this line. Please also note, the existing generator tie line from the Peaker to the 115 kV bus is required to re-conductor with larger conductor in order to handle both the Peaker and the Project generations. The facilities re-study will address all these issues with a +/- 20 % cost accuracy. I hope this will help. If you have any questions, please don't hesitate to call us. Thanks.

Albert Wong PG&E Transmission Planning
From: Rich Weiss [mailto:rweiss@houston.rr.com]
Sent: Tuesday, May 01, 2007 6:37 AM
To: Wong, Albert (ET)
Cc: JJ Fair

Subject: FW: SIS and Follow up Question to Data Request #61 Albert, we have a question from the CEC and need some clarification. We estimate the length of 115kv line from Midway to tie into CalPeak Panoche is about 300' long. You reference in the SIS Re-Study that the line from CalPeak will need to reconducted to 954kcmil. Was that an increase from 715kcmil? When you reference 1000' long, is that the length of 115kv line from CalPeak Panoche into the substation, breaker 142 to 162? Thanks, Rich Richard H. WeissStarwood Power-Midway LLC2737 Arbuckle St. Suite LHouston, TX 77005713-662-3688713-828-1810 cell ----Original Message----

From: Che McFarlin [mailto:Cmcfarli@energy.state.ca.us]
Sent: Monday, April 30, 2007 6:45 PM
To: Rich Weiss; Amy Gramlich; Angela Leiba

Subject: SIS and Follow up Question to Data Request #61 The SIS Re-Study states, as did the SIS, that the length of the generation tie line is approximately 1000ft. Your response to DR#61 was that the generation tie line is 300ft as stated in the AFC. Please confirm the correct length. The SIS Re-Study also indicates that the tie line will use 954 kcmil aluminum whereas the AFC stated that 715.5 kcmil aluminum would be used. Please confirm the correct gauge. Thank You

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