



CH2MHILL

December 1, 2010

Mr. Craig Hoffman
Project Manager
California Energy Commission
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Sacramento, CA 95814-5512

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DOCKET
09-AFC-3
DATE <u>DEC 01 2010</u>
RECD. <u>DEC 02 2010</u>

Subject: Mariposa Energy Project (09-AFC-03)
Project Description Update for Proposed Water Supply and Natural Gas Pipelines

Dear Mr. Hoffman:

Mariposa Energy, LLC. (Mariposa Energy) has been informed by Byron Bethany Irrigation District (BBID) and Pacific Gas and Electric (PG&E) that diameters of the proposed water supply pipeline and natural gas pipeline will be increased from those originally proposed in the Mariposa Energy Project (MEP) Application For Certification (AFC).


As indicated in the Staff Assessment comments provided by BBID, the water supply pipeline diameter has been increased from 6 inches to 10 inches. This change will not increase the construction footprint requirements previously defined in Data Response #27 (Data Responses, Sets 1A and 1B, submitted November 30, 2009). The required construction trench dimensions will not change significantly based on this design change (the current detailed engineering design calls for 28-inch trench width compared to the previous estimate of 2 feet). The trench depth is expected to remain approximately 4 feet.

Additionally, PG&E has indicated the proposed 580-foot gas supply pipeline diameter will be increased from 4 inches to 8 inches. The required construction footprint and trench dimensions (3 feet wide by 4.5 feet deep) previously defined in Data Response #27 are not expected to increase. An e-mail from PG&E Gas Transmission is attached.

These proposed design changes should not alter the conclusions of the environmental affects analyses nor the mitigation measures proposed by Mariposa Energy or in the Staff Assessment. If you have any questions about this matter, please contact me at (916) 286-0348.

Sincerely,

CH2M HILL, INC.


Doug Urry
AFC Project Manager

Attachment

cc: C. Curry, Mariposa Energy, LLC.

Urry, Doug/SAC

From: Chris Curry [c.curry@dgc-us.com]
Sent: Friday, November 19, 2010 3:30 PM
To: Gary Normoyle; Bo Buchynsky; Urry, Doug/SAC; James Spicer; glw@eslawfirm.com
Subject: FW: Mariposa Power Plant

Gents,

Here's a note from Mike over at PG&E recommending we increase the diameter of our gas line from 4" to 8". Recommend we let the CEC know at our workshop.

Chris Curry
Senior Manager - Development
Diamond Generating Corporation
333 S. Grand Avenue, Suite 1570
Los Angeles, CA 90071
Tel: (213) 346-2134
Cell: (213) 435-3301
Fax: (213) 620-1170
Email: c.curry@dgc-us.com

From: O'Brien, Michael D (GT&D) [<mailto:MDO1@pge.com>]
Sent: Friday, November 19, 2010 3:26 PM
To: Chris Curry
Cc: Scheele, Tim (GT&D)
Subject: Mariposa Power Plant

Chris,

PG&E has completed its Preliminary Application for Gas Service study for the Mariposa Energy Project. Based upon preliminary engineering results, PG&E has determined a 4-inch gas service pipeline will not provide the volume of gas required at the 400 to 475 psig pressure requested. In order to provide the project with a minimum gas service delivery pressure of 485 psig downstream of the meter set, PG&E would need to increase the diameter gas service pipeline from 4-inch steel pipeline to 8-inch. The 8-inch diameter pipeline route will be the same as the 4-inch route and require minimal alterations of the 4-inch plans.

Mike