

From: Keith.McGregor@CH2M.com
Sent: Wednesday, July 07, 2010 9:46 AM
To: Madhav Patil
Cc: Jerry.Salamy@CH2M.com; Doug.Urry@CH2M.com; b.buchynsky@dgc-us.com
Subject: MEP: Total Circuit Breakers and SF6 Usage
Good Morning Madhav,

Mariposa Energy has confirmed that there is only one gas filled breaker for this project and that the amount of SF6 in the breaker model referenced for the conceptual design is 150 lbs when fully charged. All of the lower voltage breakers are vacuum breakers.

Let me know if you have any additional questions regarding the GHG emissions.

Thank you,

Keith McGregor
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From: Madhav Patil [mailto:MPatil@baaqmd.gov]
Sent: Wednesday, June 30, 2010 9:34 AM
To: McGregor, Keith/SAC
Subject: Total Circuit Breakers and SF6 Usage

Hi Keith,

The PDOC for Mariposa has been reviewed by management and will be handed over to legal any time soon. Mean time Brenda and Barry wanted me to add some thing more regarding greenhouse gas emissions. District is specially interested in sulfur hexafluoride (SF6). To find out the SF6 emissions we have to know

- 1) How many circuit breakers will be there at Mariposa circuit yard.
- 2) The total usage of SF6 in pounds for each circuit breaker

Circuit breakers do not emit SF6 directly, but they do have the potential for fugitive emissions (leaks).

Thanks,

Madhav

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