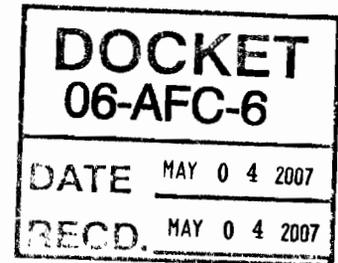


CALIFORNIA ENERGY COMMISSION

1516 NINTH STREET
SACRAMENTO, CA 95814-5512
www.energy.ca.gov



May 4, 2007



Mr. Greg Trewitt
Vice President
Tierra Energy, Inc.
710 S. Pearl Street, Suite A
Denver, Colorado 80209

Subject: California Energy Commission Staff's Informal Questions to the Applicant for the proposed Eastshore Energy Center (06-AFC-6) – presented at Data Response and Issues Resolution Workshop conducted March 19, 2007 in Hayward, CA

Dear Mr. Trewitt:

I am sending you this letter as a to follow-up in writing to the questions that were asked at the March 19, 2007 Data Response and Issue Identification Workshop (#2) for the Eastshore Energy Center. Staff understands that you are preparing responses to these questions that will be submitted in writing in early May 2007, and that you will be available to discuss your answers at the Data Response and Issue Identification Workshop (#3) scheduled for May 23, 2006 in the City of Hayward.

Alternatives

- WSQ -1. Please explain the use of the name Black Hills for the project and provide an explanation for why PG&E did not identify the project as a Tierra Energy project in its public documents.
- WSQ -2. Please make another attempt with PG&E to obtain additional information or background to expand upon the position outlined in PG&E's letter provided in response to data responses 50 and 51. Please document the results of your contact with PG&E, including the names and phone numbers of PG&E individuals contacted and any further explanation obtained.
- WSQ -3. Besides the Request for Offers information found on PG&E's website at PGE_LT_RFO_PP_3-18-05.pdf, please provide copies of and additional PG&E RFO documents and explain whether the RFO mentions the Eastshore substation as a preferred point of interconnection.

Air Quality

- WSQ -4. The Energy Commission staff does not wish to review the applicant's partial cumulative analysis including only Eastshore and Russell City Energy Center projects. Please provide the complete cumulative air quality impact analysis

requested under data request 17 after a complete inventory of cumulative sources has been obtained from the Bay Area Air Quality Management District to allow the full analysis.

WSQ -5. Please provide a written air quality mitigation plan including the specific details of the emissions to be mitigated, an identification of the specific ERCs to be surrendered by Eastshore, a complete description of any additional emission reduction programs to be implemented, and any supporting materials establishing the basis and efficacy of the program.

Traffic and Transportation

WSQ -6. Provide analysis of vehicle safety issues at Clawiter/I-92E exit and Industrial Blvd/I-92E exit, in conjunction with evaluation of traffic conditions and suitability of routes for hazardous materials transport for both Clawiter Road and Industrial Blvd, as requested in DR #56. Provide similar analysis for any other proposed alternative routes.

WSQ -7. Provide turning radius/encroachment design diagram for the plant entrance (encroachment onto Clawiter Road). This a follow-up request for clarification of DR #57.

WSQ -8. Provide data and method(s) of analysis for revised traffic impact analyses and consistency with City of Hayward methods of evaluation, per DRs #60 and #63.

WSQ -9. Provide a draft of Transportation Management Plan, Pedestrian Traffic Management Plan, and Heavy Haul Plan or, as an alternative, provide detailed project-specific measures that would be incorporated into the plans to mitigate potential impacts. This is a follow-up request for clarification of responses to DRs #55, #61, and #62.

WSQ -10. Provide a breakout of truck and passenger vehicle traffic from total peak traffic counts and projected construction traffic counts. Include construction truck traffic counts from Russell City project in cumulative analysis. This is a follow-up request for clarification of response to DR #59.

WSQ -11. Specify actual window time for off-peak construction operations, including worker arrival/departure times. This is a follow-up request for clarification of response to DR #62 and public requests.

WSQ -12. Specify conditions that would support 24-hour project construction activity. Identify frequency and portions of the construction timeline when these conditions would be reasonably expected to occur. Address compatibility with City of Hayward construction restrictions. Response to public request.

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WSQ -13. Address impact of Caltrans I-880/SR-92 Interchange Reconstruction Project road closures and construction delays on off-peak worker arrivals and departures. This is a follow-up clarification of response to DR #64.

WSQ -14. Provide proposed mitigation measures to address project-related traffic impacts on already impacted roads. This is a revisit of DR #65. No mitigation was proposed.

Hazardous Materials

WSQ -15. Questions were asked by the public at the Data Response Workshop concerning the safety of the transfer of ammonia from the storage tank to the ammonia skid and then to the individual engine exhaust stacks. Please provide a narrative description and preliminary design drawings of the piping system that will be used to transfer aqueous ammonia from the ammonia tank to the ammonia skid and then ammonia vapor from the skid to the individual engine exhaust stacks. The narrative and design drawings shall describe and show the following:

- locations of these three components to one another;
- distances between them;
- length of pipe between these components;
- total length of piping at the power plant that will carry ammonia;
- locations of secondary containment structures;
- pipe materials;
- proposed use of double-walled pipes (if any);
- locations of ammonia sensors (if any);
- operating pressures and temperatures of each segment of the piping; and
- height clearances of pipes above passage ways (if any).

If you have any questions or comments, please do not hesitate to call me at 916-654-4206.

Sincerely,



Bill Pfanner
Project Manager