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DOCKET 07-AFC-8	
DATE	MAR 08 2009
RECD.	MAR 11 2009

STATE OF CALIFORNIA
State Energy Resources
And Development Commission

In the Matter of:

Docket No: 07-AFC-8

The Application for Certification for the
Carrizo Energy Solar Farm by Carrizo
Energy, LLC

CARRISA PLAINS RESIDENT

MICHAEL STROBRIDGE'S
DECLARATION

Data Request set 3

To: **Mr. Perry Fontana** *Vice President-Projects Ausra, Inc*

Michael Strobridge requests that you answer the following data request within 30 days. All the information sought is relevant to the proceeding and is in the control of the applicant and not readily available from other sources. In answering this data request, you are required to furnish full and complete answers.

1. Provide a complete water basin study for the Carrizo Basin. The need for a complete basin study is essential in determining if the CESF, First Solar, and Sunpower projects will not exhaust local water supplies. According to San Luis Obispo County's Master Water Plan Update of 2001 on the status of the Carrizo Basin states, "The estimates represent the results of published data from data as old as 40 years. It is also important to note that most of the basins have not been studied in detail, and true perennial yield values are not known" Thus, much of the information does not reflect current conditions, population, water usage, and agricultural trends. It also tends to point out the necessity of developing new data to more accurately describe the hydrologic conditions of the basins. Since all URS's data hinges on the Kemnitzer's report and the Betchell report no new data has been produced, only outdated data that does not reflect current conditions. I am asking for this study since my well and my neighbors wells will be impacted by the water consumption of the Carrizo Energy Industrial Site.
2. Provide an aquifer test of the CESF on-site well pumping from the lower aquifer for ten days, with the size submersible that is going to be implemented during operation of the CESF, while monitoring the upper aquifer for draw down. It is unsure if the CESF on-site well will significantly draw down the upper aquifer and since the on-site well will be pumped during operation on a daily basis a ten day pump test is justified. I am asking for

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this test since my well and the wells of my neighbors will be significantly impacted by the water consumption of the Carrizo Energy Industrial Site.

3. Check the on-site well for current depth using a well sounder. The CESF on-site well has partially collapsed in the past and current depth is unknown. "Maintenance" activities conducted recently by the Lewis family included "blowing out" the well which shows that the well currently has problems with being "sanded in". This well being "sanded in" could result in the loss of well depth. I am asking for this test because the loss of depth with the on-site well could cause the on-site well to pull from the upper aquifer causing significant impacts to my well and my neighbor's wells.
4. Provide a video log of the CESF on-site well. The CESF on-site well casing could potentially be compromised from rust and decay. I have been told by a long time local resident that the on-site well has been sleeved in the past. Industrial pumping could potentially collapse this well. I am asking for a video log as this would be a simple and cost effective way to determine the status of the CESF on-site well casing.
5. Explain what mitigation measures will be implemented if local residential wells are impacted and or exhausted. I am requesting mitigation for residential wells within a three mile radius as there is no other source of water supply for local residences. Local wells cannot be drilled deeper into the lower aquifer as the lower aquifer is not suitable for drinking water and any potential well problems could be extremely expensive for local residents.
6. Clarify where the water trucks are going to be receiving water during the construction of the CESF. The Hydrology Report states 31 minute cycle times for the water trucks. It takes roughly 20 minutes to fill a water truck, so travel time appears to be roughly 10-15 minutes. If water is being provided from a local property in the Carrisa Plains, impacts to the basin would still be significant.
7. Address cumulative impacts in regards to water consumption between Ausra, First Solar, and Sunpower. Water consumption from First Solar is estimated at 24,000 gallons per day during construction and Sunpower plans on using 32,500 gallons per day during construction and 10,400 gallons per day for operation. I disagree that Ausra should not include Sunpower in their studies; All three project will have significant impacts on the Carrizo Basin.

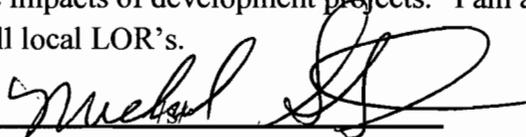
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8. Will concrete for the CESF be trucked to the site, if this is the case; from where? If Ausra trucks their concrete in it would have a large impact on traffic. Ausra plans on pouring 75,000 cy of concrete. A maximum legal load of concrete in SLO County is 9 yards. If Ausra trucks 75,000 cy of concrete this would equal 8,333 concrete trucks.
9. Explain if a concrete mix plant will be installed on-site. If an on-site concrete plant is implemented water consumption would be much higher than predicted.
10. Justify how the water consumption complies with SLO County Agriculture Policy 11. Ag policy 11 states that groundwater supplies are protected for production agriculture, both in quality and quantity. According to the SLO county Ag Department approval of the CESF may exacerbate long term groundwater availability.
11. Give explanation how the CESF complies with SLO County Open Space Policy WR 1.5 Water Dependent Species. WR 1.5 states "Protect water resources for water-dependent species and the continuity of riparian communities". I am asking this to identify if Ausra complies with local LOR's.
12. Explain how the CESF complies with Open Space Policy WR 1.6 Agriculture Operations. WR 1.6 states "Groundwater management strategies will give priority to agriculture operations. Protect agriculture water supplies from competition by incompatible development through land use controls". I am asking this to identify if Ausra complies with local LOR's.
13. Explain how the CESF complies with Open Space Policy WR 1.7 use of surface water. WR 1.7 states "Surface water will only be used to serve development within urban and village reserve lines and will not be used to serve development in rural areas. I am asking this to identify if Ausra complies with local LOR's.
14. Explain how the CESF complies with Open Space Policy WR 3.2 Protect watersheds. WR 3.2 states "Protect watersheds, groundwater and aquifer recharge areas, and natural drainage systems from potential adverse impacts of development projects." I am asking this to identify if Ausra complies with all local LOR's.

03/8/09

Date



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PROOF OF SERVICE IS ATTACHED

DECLARATION OF SERVICE

I, Michael Strobridge, declare that on March 8, 2009, I served and filed copies of the attached Data Request. The original document, filed with the Docket Unit, is accompanied by a copy of the most recent Proof of Service list, located on the web page for this project at:

[http://www.energy.ca.gov/sitingcases/carrizo/index.html]. The document has been sent to both the other parties in this proceeding (as shown on the Proof of Service list) and to the Commission's Docket Unit, in the following manner:

(Check all that Apply)

For service to all other parties:

X sent electronically to all email addresses on the Proof of Service list;

_____ by personal delivery or by depositing in the United States mail at Sacramento, California with first-class postage thereon fully prepaid and addressed as provided on the Proof of Service list above to those addresses **NOT** marked "email preferred."

AND

For filing with the Energy Commission:

X sending an original paper copy and one electronic copy, mailed and emailed respectively, to the address below (**preferred method**);

OR

_____ depositing in the mail an original and 12 paper copies, as follows:

CALIFORNIA ENERGY COMMISSION

Attn: Docket No. 07-AFC-8
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I declare under penalty of perjury that the foregoing is true and correct.

Michael Strobridge 3/8/09

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BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION OF THE STATE OF CALIFORNIA 1516 NINTH STREET, SACRAMENTO, CA 95814 1-800-822-6228 – WWW.ENERGY.CA.GOV	
APPLICATION FOR CERTIFICATION FOR THE CARRIZO ENERGY SOLAR FARM PROJECT	Docket No. 07-AFC-8
	PROOF OF SERVICE
	(Revised 2/18/2009)

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