

CH2M HILL
2485 Natomas Park Drive,
Suite 600
Sacramento, CA, 95833
Tel 916.920.0212
Fax 916.614.3449



CH2MHILL

July 31, 2009

383194

Felicia Miller
1516 Ninth Street
Sacramento, CA 95814-5512

Subject: Almond 2 Power Plant (09-AFC-02)
Informational Hearing Powerpoint Presentation

Dear Ms. Miller:

Please find attached the Almond 2 Power Plant's Informational Hearing Powerpoint Presentation. This powerpoint is being docketed in response to a request from the Hearing Officer at the Informational Hearing on July 30, 2009.

If you have any questions about this matter, please contact me at (916) 286-0249 or Susan Strachan at (530) 757-7038.

Sincerely,

CH2M HILL

Sarah Madams
AFC Project Manager

Attachment

cc: S. Strachan, Strachan Consulting
R. Baysinger, TID

DOCKET 09-AFC-2

DATE	<u>July 31 2009</u>
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RECD.	<u>July 31 2009</u>
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Almond 2 Power Plant



Almond Two Power Plant



Need for the A2PP Project:

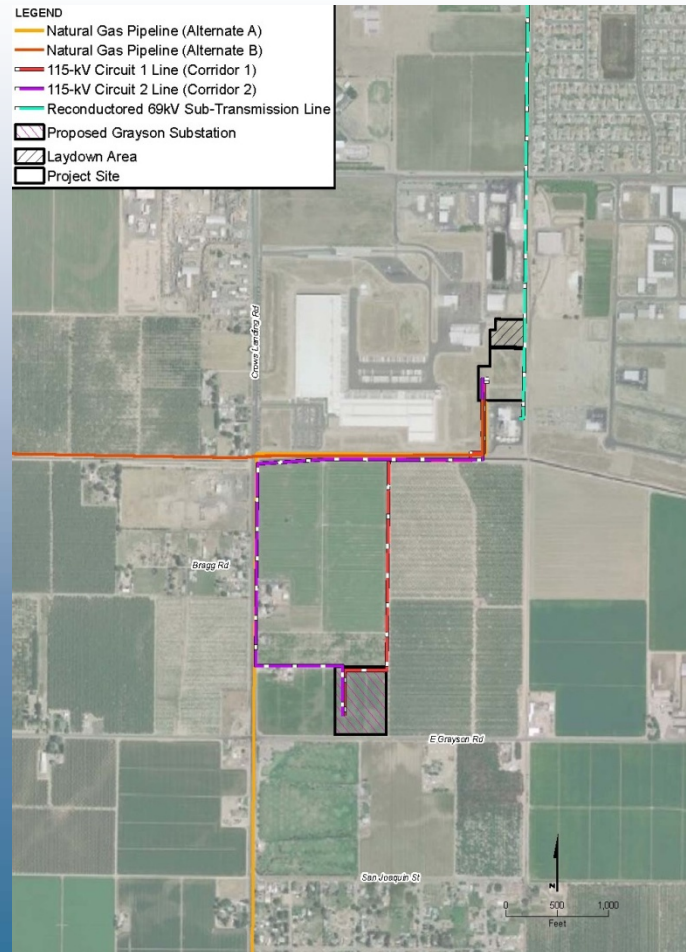
- Assists TID in Meeting its Balancing Authority Obligations
- Allows for Better Economic Dispatch of TID's Existing Generation Fleet System-Wide
- Helps Provide Firming Sources for TID's Existing and Future Intermittent Renewable Portfolio Standard – Currently at 28%
- Provides Additional Generation to Meet TID's Growing Load
- Resource Adequacy

A2PP Project Facts



- Located Adjacent to Existing TID Almond Power Plant
- 174 MW, Natural Gas Fired, Simple-Cycle Peaking Plant
- Three 58 MW GE LM6000 PG Turbines with SPRINT
- New 115-KV Switchyard
- Two approximately 1.0 Mile 115-KV Transmission Lines to Interconnect with Proposed Grayson Substation
- Reconductoring of 2.9 Miles of 69-kV Transmission Line
- Approximately 10 Mile PG&E Gas Pipeline
- Recycled Water from the City of Ceres

Almond 2 Power Plant



Shared Facilities with Existing Plant



- Water Treatment and Discharge System
- Water Supply and Discharge Pipelines
- Ammonia Storage Tank and Unloading Facilities
- Fire Protection System
- Oil/Water Separator
- Administration Building/Control Room
- Instrument and Service Air Systems
- Water Storage Tanks

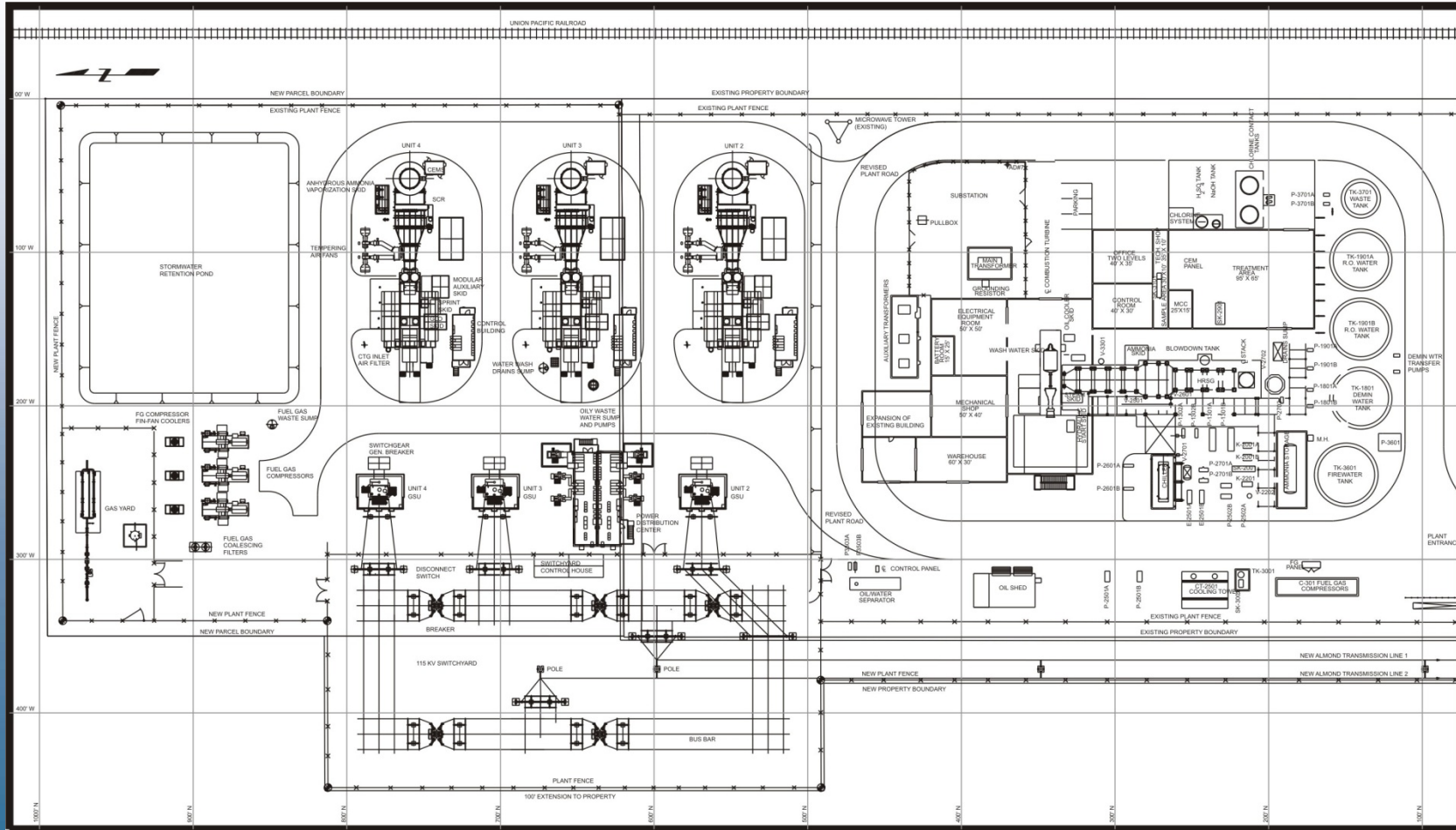
New and Modified Facilities



- Existing Maintenance Shop/Warehouse Building Will Be Expanded and Shared Between A2PP and the Almond Power Plant
- A New Stormwater Retention Pond Will Be Constructed to Accommodate Stormwater Runoff From Both Plants



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Environmental Considerations



- Project Located in Industrial Area
- No Significant Impacts to Public Health, Safety, or the Environment
- Air Emission Reduction Credits Have Been Obtained
- Project Will Use Recycled Water
- No Biological Impacts



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 TID ALMOND 2
POWER PLANT PROJECT**

Docket No. 09-AFC-2

**PROOF OF SERVICE
(Revised 7/28/09)**

APPLICANT

Turlock Irrigation District
Randy Baysinger,
Assistant General Manager
Power Supply
333 East Canal Drive
Turlock, CA 95381-0940
rcbaysinger@tid.org

APPLICANT'S CONSULTANTS

Susan Strachan
Strachan Consulting
P.O. Box 1049
Davis, CA 95617
strachan@dcn.org

Sarah Madams, Project Manager
CH2MHILL
2485 Natomas Park Drive,
Ste. 600
Sacramento, CA 95833
smadams@ch2m.com

COUNSEL FOR APPLICANT

Jeff Harris, Legal Counsel
Ellison, Schneider, and Harris
2600 Capitol Ave., Suite 400
Sacramento, CA 95816-5905
jdh@eslawfirm.com

INTERESTED AGENCIES

California ISO
e-recipient@caiso.com

INTERVENORS

* California Unions for Reliable Energy ("CURE")
Attn: Tanya Gulesserian/ Marc D. Joseph
Adams Broadwell Joseph & Cardozo
601 Gateway Boulevard, Suite 1000
South San Francisco, CA 94080
tgulesserian@adamsbroadwell.com

ENERGY COMMISSION

Julia Levin
Commissioner and Presiding Member
jlevin@energy.state.ca.us

Karen Douglas
Chair and Associate Member
kldougl@energy.state.ca.us

Kenneth Celli
Hearing Officer
kcelli@energy.state.ca.us

Felicia Miller
Siting Project Manager
fmiller@energy.state.ca.us

Robin Mayer
Staff Counsel
rmayer@energy.state.ca.us

Elena Miller
Public Adviser's Office
publicadviser@energy.state.ca.us

DECLARATION OF SERVICE

I, Mary Finn, declare that on July 31, 2009, I served and filed copies of the attached, 09-AFC-02 A2PP Informational Hearing Power Point dated July 30, 2009. 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: [\[http://www.energy.ca.gov/sitingcases/almond/index.html\]](http://www.energy.ca.gov/sitingcases/almond/index.html).

The documents have 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, CA 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*);

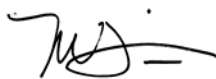
OR

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

CALIFORNIA ENERGY COMMISSION

Attn: Docket No. 09-AFC-2
1516 Ninth Street, MS-4
Sacramento, CA 95814-5512
docket@energy.state.ca.us

I declare under penalty of perjury that the foregoing is true and correct.



Mary Finn