



DOCKET

08-AFC-3

DATE NOV 24 2009

RECD. NOV 24 2009

November 24, 2009

Dockets Unit
California Energy Commission
1516 Ninth Street, MS 4
Sacramento, CA 95814

RE: Marsh Landing Generating Station
Application for Certification 08-AFC-03

On behalf of Mirant Marsh Landing, LLC, the applicant for the Marsh Landing Generating Station (MLGS), we are pleased to submit the Revised LGIP Interconnection Request submitted to CAISO on September 21, 2009 for the currently proposed MLGS consisting of four simple cycle units.

Please include this document in the AFC record.

URS Corporation

Anne Connell
Project Manager

Attachment

cc: Mike Monasmith

Mirant Marsh Landing, LLC
696 West 10th Street, PO Box 192, Pittsburg, CA 94565
T 925 427 3500 F 925 427 3518 U www.mirant.com



September 21, 2009

Mr. Ed Fishback
New Resource Interconnection
California ISO
151 Blue Ravine Road
Folsom, CA 95630

Re: LGIP Interconnection Request
Marsh Landing Generating Station – Simple Cycle Unit

Dear Ed,

Enclosed per your September 15, 2009 request is the completed Appendix B Large Generator Interconnection Study Process Agreement for the Marsh Landing Generating Station – Simple Cycle Unit. Also enclosed is Appendix 1 to LGIP Interconnection Request and supporting documentation, revised for the Phase II Transition Cluster Studies.

As previously discussed at the September 15 Results Meeting, we have changed the Interconnection Customer from Mirant Delta, LLC to Mirant Marsh Landing, LLC. Mirant Delta, LLC and Mirant Marsh Landing, LLC are both indirect, wholly owned subsidiaries of Mirant Corporation. The project will be situated on a parcel of approximately 27 acres that will be created by a subdivision of the existing single parcel that constitutes the site of Contra Costa Power Plant. The parcel will be purchased by Mirant Marsh Landing, LLC from Mirant Delta, LLC. We previously furnished evidence of site control with our March 11, 2008 Interconnection Request.

The Marsh Landing Generating Station will consist of four (4) simple cycle units; however, please note that the scope of our Interconnection Request includes only a portion of one Simple Cycle Unit. Mirant intends to retire existing Contra Costa Units 6&7 prior to the date on which Marsh Landing Generating Station achieves Commercial Operation. The total 774 MW (summer net) Marsh Landing Generating Station will replace the capacity of the 674 MW to-be retired Contra Costa units leaving a summer net capacity addition of 100 MW, as explained in more detail on the Note in Appendix B.

Mirant Marsh Landing, LLC reserves all rights to update this information up to five business days following the requested effective date (November 18, 2009) of the LGIP tariff sheets submitted by the California ISO to the Federal Energy Regulatory Commission on September 18, 2009.

New Resource Interconnection
California ISO
September 21, 2009
Page 2

Please contact Chuck Hicklin (contact information noted on the application form) or call me at (925) 427-3560 if you have any questions or require additional information in order to proceed with the Phase II Studies.

Sincerely,

A handwritten signature in blue ink that reads "John Chillemi" with a small flourish at the end.

John Chillemi
President

JVC/jb

Enclosures

cc: (all w/enclosures)

Robert Sparks, California ISO
Nisar Shah, California ISO
Arcy Palomares, Pacific Gas & Electric Company
Bill Scheiber, Pacific Gas & Electric Company
John Vardanian, Pacific Gas & Electric Company
Joscelyn Wong, Pacific Gas & Electric Company
Peter Mackin, Utility System Efficiencies
Chuck Hicklin, Mirant California, LLC
Jon Sacks, Mirant California, LLC

(w/o enclosures)

Sean Beatty, Mirant California
David Reich, Mirant Corporation

Appendix B

**Large Generator Interconnection
Study Process Agreement**

**DATA FORM TO BE PROVIDED BY THE INTERCONNECTION CUSTOMER
PRIOR TO COMMENCEMENT OF THE PHASE II INTERCONNECTION STUDY**

Generating Facility size (MW): Winter Rating 214 MW, Summer Rating 100 MW – **See Note at bottom of this Appendix B.**

Provide two copies of this completed form and other required plans and diagrams in accordance with Section 7.1 of the LGIP.

Provide location plan and one-line diagram of the plant and station facilities. For staged projects, please indicate future generation, transmission circuits, etc.

One set of metering is required for each generation connection to the new bus or existing CAISO Controlled Grid station. Number of generation connections: 1

On the one line indicate the generation capacity attached at each metering location. (Maximum load on CT/PT)

On the one line indicate the location of auxiliary power. (Minimum load on CT/PT)

Will an alternate source of auxiliary power be available during CT/PT maintenance?
Yes No

Will a transfer bus on the generation side of the metering require that each meter set be designed for the total plant generation? Yes No
(Please indicate on one line).

What type of control system or PLC will be located at the Interconnection Customer's Large Generating Facility?
Siemens T3000 digital control system

What protocol does the control system or PLC use?
TBD

Please provide a 7.5-minute quadrangle of the site. Sketch the plant, station, transmission line, and property line.

Project location and details provided with Interconnection Request.

**APPENDIX 1 to LGIP
INTERCONNECTION REQUEST (REVISED FOR PHASE II STUDY)
MARSH LANDING GENERATING STATION – SIMPLE CYCLE UNIT**

Provide three copies of this completed form pursuant to Section 7 of this LGIP Appendix 1 below.

1. The undersigned Interconnection Customer submits this request to interconnect its Large Generating Facility with the CAISO Controlled Grid pursuant to the CAISO Tariff.
2. This Interconnection Request is for (check one):
 - A proposed new Large Generating Facility. **See Appendix B**
 - An increase in the generating capacity or a Material Modification to an existing Generating Facility.
3. Requested Deliverability Status is for (check one):
 - Full Capacity
 - Energy Only
4. The Interconnection Customer provides the following information:
 - a. Address or location, including the county, of the proposed new Large Generating Facility site or, in the case of an existing Generating Facility, the name and specific location, including the county, of the existing Generating Facility;

Project Name: **Marsh Landing Generating Station – Simple Cycle Unit**

Project Location:
Street Address: **3201 Wilbur Avenue**
City, State: **Antioch, CA**
County: **Contra Costa (Unincorporated)**
Zip Code: **94509**
 - b. Maximum megawatt electrical output of the proposed new Large Generating Facility or the amount of megawatt increase in the generating capacity of an existing Generating Facility;

Maximum megawatt electrical output (Net MW): **Winter Rating 222 MW, Summer Rating 100 MW – See Appendix B.**
Megawatt increase (Net MW):

- c. Type of project (i.e., gas turbine, hydro, wind, etc.) and general description of the equipment configuration;

- | | |
|---|---|
| <input type="checkbox"/> Cogeneration | <input type="checkbox"/> Reciprocating Engine |
| <input type="checkbox"/> Biomass | <input type="checkbox"/> Steam Turbine |
| <input checked="" type="checkbox"/> Gas Turbine | <input type="checkbox"/> Wind |
| <input type="checkbox"/> Hydro | <input type="checkbox"/> Photovoltaic |
| <input type="checkbox"/> Combined Cycle | |

Other (please describe):

General description of the equipment configuration:

One gas turbine-generator unit operated in simple cycle mode

- d. Proposed In-Service Date, Trial Operation date and Commercial Operation Date by day, month, and year and term of service (dates must be sequential);

Proposed In-Service Date:	05/01/2012
Proposed Trial Operation date:	12/01/2012
Proposed Commercial Operation Date:	04/01/2013
Proposed Term of Service (years):	30

- e. Name, address, telephone number, and e-mail address of the Interconnection Customer's contact person;

Name:	Chuck Hicklin
Title:	Project Manager
Company Name:	Mirant Marsh Landing, LLC
Street Address:	696 West Tenth Street
City, State:	Pittsburg, CA
Zip Code:	94565
Phone Number:	(925) 427-3544
Fax Number:	(925) 427-3535
Email Address:	chuck.hicklin@mirant.com
Interconnection Customer's DUNS Number	None

- f. Approximate location of the proposed Point of Interconnection (i.e., specify interconnection point, voltage level, and the location of interconnection); and
Contra Costa Power Plant 230 kV Switchyard
- g. Interconnection Customer data (set forth in Attachment A)

The Interconnection Customer shall provide to the CAISO the technical data called for in LGIP Appendix 1, Attachment A. Three (3) copies are required.

5. Applicable deposit amount as specified in the LGIP made payable to California ISO. Send check to CAISO along with the:
1. Appendix 1 to LGIP (Interconnection Request) for processing.
 2. Attachment A to Appendix 1 (Interconnection Request Large Generating Facility Data).
6. Evidence of Site Exclusivity as specified in the LGIP and name(s), address(es) and contact information of site owner(s) (check one):
- Is attached to this Interconnection Request
- Deposit in lieu of Site Exclusivity attached, Site Exclusivity will be provided at a later date in accordance with this LGIP
7. This Interconnection Request shall be submitted to the representative indicated below:

New Resource Interconnection
California ISO
P.O. Box 639014
Folsom, CA 95763-9014

Overnight address: 151 Blue Ravine Road, Folsom, CA 95630

8. Representative of the Interconnection Customer to contact:

[To be completed by the Interconnection Customer]

Name: **Chuck Hicklin**

Title: **Project Manager**

Company Name: **Mirant Marsh Landing, LLC**

Street Address: **696 West Tenth Street**

City, State: **Pittsburg, CA**

Zip Code: **94565**

Phone Number: **(925) 427-3544**

Fax Number: **(925) 427-3535**

Email Address: **chuck.hicklin@mirant.com**

9. This Interconnection Request is submitted by: **Chuck Hicklin**

Legal name of the Interconnection Customer: **Mirant Marsh Landing, LLC**

By (signature):  _____

Name (type or print): **John Chillemi**

Title: **President**

Date: **September 21, 2009**



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 MARSH LANDING
GENERATING STATION

DOCKET No. 08-AFC-3
PROOF OF SERVICE
(REVISED 10/23/2009)

APPLICANT

Chuck Hicklin, Project Manager
Mirant Corporation
P.O. Box 192
Pittsburg, CA 94565
E-mail preferred
chuck.hicklin@mirant.com

Jonathan Sacks, Project Director
Steven Nickerson
Mirant Corporation
1155 Perimeter Center West
Atlanta, GA, 30338
E-mail preferred
jon.sacks@mirant.com
steve.nickerson@mirant.com

CONSULTANTS

Anne Connell
Dale Shileikis
URS Corporation
221 Main Street, Suite 600
San Francisco, CA 94105-1917
E-mail preferred
Anne_Connell@URSCorp.com
Dale_shileikis@URSCorp.com

COUNSEL FOR APPLICANT

***Karleen O'Connor**
Lisa Cottle
Winston & Strawn LLP
101 California Street
San Francisco, CA 94111-5802
E-mail preferred
koconnor@winston.com
lcottle@winston.com

INTERESTED AGENCIES

California ISO
e-recipient@caiso.com

Elena Miller
Public Adviser
publicadviser@energy.state.ca.us

INTERVENORS

California Unions for Reliable
Energy ("CURE")
Gloria D. Smith & Marc D. Joseph
Adams Broadwell Joseph &
Cardozo
601 Gateway Boulevard, Suite 1000
South San Francisco, California
94080
gsmith@adamsbroadwell.com
mdjoseph@adamsbroadwell.com

ENERGY COMMISSION

***JAMES D. BOYD**
Vice Chair & Presiding Member
jboyd@energy.state.ca.us

***KAREN DOUGLAS**
Chair & Associate Member
kldougl@energy.state.ca.us

Paul Kramer
Hearing Officer
pkramer@energy.state.ca.us

Mike Monasmith
Project Manager
mmonasmi@energy.state.ca.us

Dick Ratliff
Staff Counsel
dratliff@energy.state.ca.us

DECLARATION OF SERVICE

I, Catherine Short, declare that on November 24, 2009, I served and filed copies of the attached Revised LGIP Interconnection 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/marshlanding/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:

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

by personal delivery or by depositing in the United States mail at San Francisco, 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:

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. 08-AFC-3
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.

