

APPENDIX A: DESCRIPTION OF UNIT

SIERRA POWER CORPORATION

I. FACILITY LOCATION

P.O. Box 10060
9000 Road 234
Terra Bella, CA 93270-4893

33R007 2003
Appendix A
Sierra Power Corporation
Locked File

II. EQUIPMENT AND TECHNOLOGY

The facility is a power plant designed to convert wood waste products into energy. The facility operates a Wellons four cell cyclo-blast furnace and a Nebraska A-Frame boiler. The boiler capacity is 100,000 pounds/hour of steam (600 pounds per square inch, 750 degrees Fahrenheit). The cooling tower pumps 10,000 gallons per minute. The fuel used to run the facility is wood; 25% sawmill residue and 75% Ag waste. The facility uses 120,000 tons of dry fuel, which is stored in two 170 ton bins.

The facility operates a Westinghouse generator which produces 7,500 kilowatts at an 80% Power Factor. The facility delivers 12,500 volts of power.

III INTERCONNECTION

Zion Circuit of the Terra Bella Substation (flows to/from Vestal Station).

SIERRA-APPENDIX B

SIERRA POWER CORPORATION

APPENDIX B

(Pursuant to Section 10 of the Agreement)

SELLER	SHUTDOWN					STARTUP									CURTAILMENT			
	Advance Notification (Hrs)	Min Down Time (Hrs)	Shutdown Duration (Hrs) for Classification to following starts			Cost per start (\$\$) if number of starts exceed 8 cold starts per year			Notification (Hrs)			Time Reqd for Startup (Hrs)			RAMP RATE (mw/min)	Advance Notification (Hrs)		Max. Curtailment (mw)
			Cold	Warm	Hot	Cold	Warm	Hot	Cold	Warm	Hot	Cold	Warm	Hot		Day-ahead (DA)*	Intra-Day (HA)**	
SIERRA	48	168	>168	N/A	N/A	\$4,000	N/A	N/A	48	N/A	N/A	24	N/A	N/A	0.1	2	1	2

"Cold Start" is defined as the process of starting up the Unit(s) at Buyer's request after the Unit(s) has remained unparalleled or disconnected from PG&E's system for more than 168 hours pursuant to Section 10.a. of the Agreement.

"Warm Start" is defined as the process of starting up the Unit(s) at Buyer's request after the Unit(s) has remained unparalleled or disconnected from PG&E's system for more than 24 hours but no more than 48 hours pursuant to Section 10.a. of the Agreement.

"Hot Start" is defined as the process of starting up the Unit(s) at Buyer's request after the Unit(s) has remained unparalleled or disconnected from PG&E's system for 24 or less than 24 hours pursuant to Section 10.a. of the Agreement.

NOTES: *For curtailment orders applicable to day-ahead (DA) scheduling, Buyer shall provide 2 hours prior notice to Seller's Scheduling Coordinator's submission of preferred DA schedules to the ISO

**For curtailment orders applicable to intra-day schedule changes, Buyer shall provide 1 hour notice prior to Seller's Scheduling Coordinator's submission of preferred hour-ahead (HA) schedule to the ISO.

N/A - Not Applicable



RENEWABLE PROJECTS OUTAGE NOTIFICATION FORM

SEND VIA U.S. MAIL OR FAX

DATE: _____

MAILING ADDRESS:
Pacific Gas & Electric Company
Attention: Marc Renson
Mail Code N12F
P. O. Box 770000
San Francisco, CA 94177

FAX NUMBER: (415) 973-2151

PLEASE DO NOT ALTER THIS FORM

LOG NUMBER: _____

Facility Name: _____
Facility Mailing Address: _____

NOTIFICATION OF SCHEDULED MAINTENANCE¹ or FORCED OUTAGE

The Plant will shut down for **SCHEDULED MAINTENANCE** from:
_____ to _____
(Date and Time) (Date and Time)

The Plant experienced a **FORCED OUTAGE** from: _____
(Date and Time)
to _____ due to _____
(Date and Time)

The **FORCED OUTAGE** was confirmed via telephone _____
(Date and Time)
by _____
(Switching Center and Operator)

COMMENTS: _____

Outage form submitted by: _____ Title _____

(Signature) (Date)

Advanced Notification Requirements:

- 24 hours for scheduled maintenance less than one day.
- Seven days for scheduled maintenance of one day or more.

The Above Advance Notification Requirements Will Be Strictly Enforced By PG&E

(Rev. 9/03)

¹ NOTE – This form to be used for notifying Buyer of scheduled maintenance other than Planned Outages.