

ATTACHMENT 1

Instructions for Filling Out a Schedule 1

Include the information shown below in the columns of Section 1 of the Schedule 1.

The limitations that will affect the technical characteristics and performance of the facility should be listed in Section 2 of the Schedule 1.

Facilities with multiple units should list each unit separately.

Column Heading	Information to Include in Schedule 1
Name of Facility (Including Unit Number)	Full name of the facility, as used in scheduling with the ISO, with each unit listed individually. The items listed should be broken out among the following categories: Thermal, Hydroelectric, Nuclear, Exempt Units, Curtailable Demand, and Synchronous Condensers. Depending on how a resource is operated and bid by the Scheduling Coordinator, a resource could be included under two of the categories. However, in such circumstances, the resource should have two distinct ISO Resource IDs.
Name of Owner	Full legal name of the owner(s) of the unit.
Control Room Telephone Number	Area code and telephone number that can be used to contact the facility/unit 24 hours a day.
ISO Resource ID	"Resource ID" for the unit that is used in the ISO Master File.
Type of Unit	Type of unit, such as thermal, geothermal, combustion turbine, hydro-impulse, hydro-reaction, pump-turbine, nuclear.
Capacity (MW)	Installed rating of the unit (in megawatts).
Minimum Operating Limit (MW) 1/	Minimum operating limit of the unit (in megawatts).
Normal Maximum Operating Limit (MW) 1/	Normal maximum operating limit of the unit (in megawatts).
Extended Maximum Operating Limit (MW) 1/ 2/	Extended maximum operating limit of the unit (in megawatts).
Maximum Normal Ramp Rate (MW/Min) 1/ 2/	Maximum ramp rate that the unit can achieve within normal operating limits, expressed in megawatts per minute.
Startup-Time (Hrs) 1/	Amount of time, in hours (for example, 0.2 hours), that it takes the unit to be synchronized to the system from shutdown.
Minimum Run Time (Hrs) 1/	Minimum amount of time, expressed in hours, that the unit must be operated when called upon by the ISO out-of-market or under a Reliability Must Run contract.
Limitations (Reference #)	Limitations that affect the technical characteristics and performance of the unit (noted by a reference number in Section 1 of the Schedule 1 and described in detail in Section 2 of the Schedule 1).

1/ These values may be tested from time to time by the ISO.

2/ These values will be certified by the ISO in accordance with Section 4.3.2 of the Participating Generator Agreement.

SCHEDULE 1

**Section 1: Technical Characteristics of Participating Generator Units
BIG CREEK WATER WORKS, LTD.**

Name of Facility (Include Unit Number)	Name of Owner	Control Room Telephone Number	ISO Resource ID	Type of Unit	Capacity (MW)	Minimum Operating Limit 1/ (MW)	Normal Maximum Operating Limit 1/ (MW)	Extended Maximum Operating Limit 1/2/ (MW)	Maximum Normal Ramp Rate 1/2/ (MW/Min)	Startup Time 1/ (Hrs)	Minimum Run Time 1/ (Hrs)	Limitations (Reference #)
Thermal												
Hydroelectric Big Creek Water Works Hydro	Big Creek Water Works, LTD	(530)628-5496	CE018FE_1 BIGCREEK	Hydro In-pipe	5.00	5.00	5.00	5.00	0.33	0.25	n/a	Big Creek 1, Big Creek 2
Nuclear												
Storage Units												
Contractible Demand												
Synchronous Condensers												

1/ Current effective values for purposes of scheduling Energy and/or Ancillary Services in ISO markets may differ from those set forth in this Schedule 1, depending on the results of ISO performance testing pursuant to Sections 2.5.24 and 2.5.25 of the ISO Tariff and Section 9 of the ISO Ancillary Services Requirements Protocol.
2/ These values are subject to certification by the ISO in accordance with Section 4.3.2 of the Participating Generator Agreement.

SCHEDULE 1

**Section 2: Limitations
(Name of Company)**

Reference #	Description of Limitation
Big Creek-1	Unit is Run of River and is subject to seasonal operational output limitations due to available flow.
Big Creek-2	Unit is subject to minimum fishwater bypass flows pursuant to FERC license exemption requirements.

SCHEDULE 1

**Section 1: Technical Characteristics of Participating Generator Units
Green Power Partners I LLC**

Name of Facility (Including Unit Number)	Name of Owner	Control Room Telephone Number	ISO Resource ID	Type of Unit	Capacity (MW)	Minimum Operating Limit 1/ (MW)	Normal Maximum Operating Limit 1/ (MW)	Extended Maximum Operating Limit 1/ 2/ (MW)	Maximum Normal Ramp Rate 1/ 2/ (MW/Min)	Startup Time 1/ (Hrs)	Minimum Run Time 1/ (Hrs)	Limitations (Reference #)
Wind Generation												
"Green Power II" consists of the following units:												
WECS 67	Enron	888-433-9885	TBD	Wind turbine	7.56	2.565	6.75	7.56	NA	1 min	NA	none
WECS 98	Enron	888-433-9885	TBD	Wind turbine	7.56	2.565	6.75	7.56	NA	1 min	NA	none
WECS 28	Enron	888-433-9885	TBD	Wind turbine	3.36	2.565	3	3.36	NA	1 min	NA	none

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SCHEDULE 1

**Section 1: Technical Characteristics of Participating Generator Units
Harbor Cogeneration Company**

Name of Facility (Including Unit Number)	Name of Owner	Control Room Telephone Number	ISO Resource ID	Type of Unit	Capacity (MW)	Minimum Operating Limit 1/ (MW)	Normal Maximum Operating Limit 1/ (MW)	Extended Maximum Operating Limit 1/ 2/ (MW)	Maximum Normal Ramp Rate 1/ 2/ (MW/Min)	Startup- Time 1/ (Hrs)	Minimum Run Time 1/ (Hrs)	Limitations (Reference #)
Thermal												
Harbor #1	Harbor Cogeneration Company	(562) 491-0585	Gas fired	Gas-fired Turbine	80	70	90	90	1.5	1	1	none
Hydroelectric												
Nuclear												
Exempt Units												
Curtailable Demand												
Synchronous Condensers												

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2/ These values are subject to certification by the ISO in accordance with Section 4.3.2 of the Participating Generator Agreement.

Schedule 1, Section 1: Technical Characteristics of Participating Generating Units: SOUTHERN ENERGY POTRERO, L.L.C.												
Facility	Owner	Control Room Phone Number	ISO Resource ID	Type of Unit	Capacity (MW)	Operating Level (MW)			Maximum Ramp Rate (normal)	Start-Up Time	Minimum Run time	Limitations Reference Numbers
						Min	Extended Max	Normal Max				
Potrero Unit 3 (POTPP3)	Southern Potrero	415.695.2603	POTRPP_7_Unit 3	Thermal	207	47	207	207	4MW/min	16 hours	N/A	PG&E-1,PG&E-3,PG&E-28
Potrero Unit 4 (POTPP4)	Southern Potrero	415.695.2603	POTRPP_7_Unit 4	Combustion Turbine	52	15	52	52	5MW/min	8 minutes	N/A	PG&E-1,PG&E-9,PG&E-11,PG&E-28
Potrero Unit 5 (POTPP5)	Southern Potrero	415.695.2603	POTRPP_7_Unit 5	Combustion Turbine	52	15	52	52	5MW/min	8 minutes	N/A	PG&E-1,PG&E-9,PG&E-11,PG&E-28
Potrero Unit 6 (POTPP6)	Southern Potrero	415.695.2603	POTRPP_7_Unit 6	Combustion Turbine	52	15	52	52	5MW/min	8 minutes	N/A	PG&E-1,PG&E-9,PG&E-11,PG&E-28

SCHEDULE 1

**Section 1: Technical Characteristics of Participating Generator Units
The Regents of the University of California on Behalf of its Davis Campus Medical Center**

Name of Facility (Including Unit Number)	Name of Owner	Control Room Telephone Number	ISO Resource ID	Type of Unit	Capacity (MW)	Minimum Operating Limit 1/ (MW)	Normal Maximum Operating Limit 1/ (MW)	Extended Maximum Operating Limit 1/ 2/ (MW)	Maximum Normal Ramp Rate 1/ 2/ (MW/min)	Startup- Time 1/ (Hrs)	Minimum Run Time 1/ (Hrs)	Limitations (Reference #)
Thermal University of California Davis Medical Center (Sacramento)	Regents of the University of Calif.	(916) 734-0927	UCDMED_7_UNIT	GE LM2500	26 MW	5 MW	10 MW	26 MW	2 MW/min.	1 Hour	2 Hours	None
Hydroelectric												
Nuclear												
Exempt Units												
Curtailable Demand												
Synchronous Condensers												

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SCHEDULE 1

**Section 1: Technical Characteristics of Participating Generator Units
(Name of Company)**

Name of Facility (Including Unit Number)	Name of Owner	Control Room Telephone Number	ISO Resource ID	Type of Unit	Capacity (MW)	Minimum Operating Limit 1/ (MW)	Normal Maximum Operating Limit 1/ (MW)	Extended Maximum Operating Limit 1/2/ (MW)	Maximum Normal Ramp Rate 1/2/ (MW/Min)	Startup Time 1/ (Hrs)	Minimum Run Time 1/ (Hrs)	Limitations (Reference #)
Thermal Contra Costa Carbon Plant	Tusco Refining Company	510 245 4912	UNCIHEM 1_UNIT	Cogeneration (waste heat)	25.5	16 - 21	25	22	0.1	20	13,000	
Hydroelectric												
Nuclear												
Exempt Units												
Certainable Demand												
Synchronous Condensers												

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2/ These values are subject to certification by the ISO in accordance with Section 4.3.2 of the Participating Generator Agreement.