

 <b>CALIFORNIA ISO</b> <small>California Independent System Operator</small>	<b>OPERATING PROCEDURE ATTACHMENT A</b>	<b>Procedure No.</b>	G-213A
		<b>Version No.</b>	2.0
		<b>Effective Date</b>	10/29/02
<b>Ancillary Services Test Request Form</b>		<b>Distribution Restriction: NONE</b>	

## Ancillary Services (A/S) Test Request Form

**PLEASE COMPLETE ALL INFORMATION IN THE FOLLOWING SECTION:**

<b>Requestor Information</b>	<input type="checkbox"/> Scheduling Coordinator <input type="checkbox"/> Provider of Curtailable Demand	
	Organization: _____	SC ID: _____ Phone: _____
	Principal Contact Name: _____	Phone: _____
	Plant Contact Name: _____	Phone: _____
<b>Resource Data</b>	Common Name: _____	Resource I.D.: _____
	Fuel Type: _____	Controlling bus voltage (kV): _____
<b>Curtailable Demand</b>	<input type="checkbox"/> Minimum is greater than 1.0 MW? <input type="checkbox"/> Can be interrupted for at least 2.0 hrs?	
	Load monitored by : <input type="checkbox"/> ISO? <input type="checkbox"/> SC? <input type="checkbox"/> Other? (specify) _____	
<b>Communication</b>	<input type="checkbox"/> ISO approved digital communication between generator control interface & ISO EMS?	
	<input type="checkbox"/> ISO approved <i>redundant</i> digital communication between generator control interface & ISO EMS?	

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**PROVIDE INFORMATION FOR EACH OF THE FOLLOWING TESTS BEING REQUESTED:**

Definition of terms:

Certification to be used when any type of test or new range is being requested for the first time.

Retest to be used 1) after a test has been conducted where the requested MW amount was not achieved and the SC would like to re-try for that stated MW amount, **OR** 2) a unit that is certified for a service would like to test for the same service, but a different MW amount.

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 1. **P-Max:**  Certification  Retest  Import A/S

**Stated Value:** \_\_\_\_\_ MW

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 2. **P-Min:**  Certification  Retest  Import A/S

**Stated Value:** \_\_\_\_\_ MW

.....

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**IF REQUESTING A REGULATION TEST OR TESTING IN A NEW RANGE(S) FOR THE FIRST TIME, PLEASE PROVIDE THE FOLLOWING INFORMATION ON THE PLANT PRE-CERTIFICATION AGC TESTING (OBTAIN VERIFICATION FROM YOUR PLANT SITE THAT PRE-TESTING HAS BEEN DONE WITH AN ISO RIG ENGINEER):**

Date Test Completed: \_\_\_\_\_

Points Tested: Yes  No

MW Range(s) Tested: \_\_\_\_\_  
 \_\_\_\_\_

**3. Regulation (AGC)**

Regulation Data (Dynamic Signals Provided to ISO EMS).

**THIS SECTION MUST BE COMPLETED IN ORDER TO BE TESTED FOR AGC.**

- High limit (MW)                       Availability Status                       Rate limit (MW/min)  
 Low limit (MW)                         Monitor AGC Status

**3a. Reg-Up:**     Certification     Retest     Import A/S

<b>MW Range:</b> _____	<b>Stated Value:</b> _____ MW/min
_____	<b>Stated Value:</b> _____ MW/min
_____	<b>Stated Value:</b> _____ MW/min
_____	<b>Stated Value:</b> _____ MW/min
_____	<b>Stated Value:</b> _____ MW/min

**3b. Reg-Down:**     Certification     Retest     Import A/S

<b>MW Range:</b> _____	<b>Stated Value:</b> _____ MW/min
_____	<b>Stated Value:</b> _____ MW/min
_____	<b>Stated Value:</b> _____ MW/min
_____	<b>Stated Value:</b> _____ MW/min
_____	<b>Stated Value:</b> _____ MW/min

.....

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**4. Spin/Non-Spin**

**THIS SECTION MUST BE COMPLETED IN ORDER TO BE TESTED FOR SPIN/NON-SPIN.**

Governor Deadband: \_\_\_\_ + Hz to \_\_\_\_ - Hz       Unit has block-loading capability?  
 Droop Characteristic: \_\_\_\_%       RTU or SCADA MW and MVar data to ISO?

**4a. Spin:**     Certification     Retest     Import A/S

**MW Range:**    \_\_\_\_ - \_\_\_\_      **Stated Value:**    \_\_\_\_ MW/min  
**MW Range:**    \_\_\_\_ - \_\_\_\_      **Stated Value:**    \_\_\_\_ MW/min



**4b. Non-Spin:**  Certification     Retest     Import A/S

**MW Range:**    \_\_\_\_ - \_\_\_\_      **Stated Value:**    \_\_\_\_ MW/min  
**MW Range:**    \_\_\_\_ - \_\_\_\_      **Stated Value:**    \_\_\_\_ MW/min

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**5. Replacement:**     Certification     Retest     Import A/S

**MW Range:**    \_\_\_\_ - \_\_\_\_      **Stated Value:**    \_\_\_\_ MW/min  
**MW Range:**    \_\_\_\_ - \_\_\_\_      **Stated Value:**    \_\_\_\_ MW/min

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**6. Curtailable Demand (for Curtailable Demand only):**     Certification     Retest

Is this Curtailable Demand on an Interruptible Rate Tariff? Yes  No

**Stated Value:**    \_\_\_\_ MW

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**Tested by:** \_\_\_\_\_

**Contact:** \_\_\_\_\_

**Date:** \_\_\_\_\_

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**NOTES**