

# Logger1000 in Cascade Configuration – Subsequent Settings for Hybrid Inverters

**Disclaimer**

The material in this document has been prepared by Sungrow Australia Group Pty. Ltd. ABN 76 168 258 679 and is intended as a guideline to assist solar installers for troubleshooting. It is not a statement or advice on any of the Electrical or Solar Industry standards or guidelines. Please observe all OH&S regulations when working on Sungrow equipment.

**Overview:**

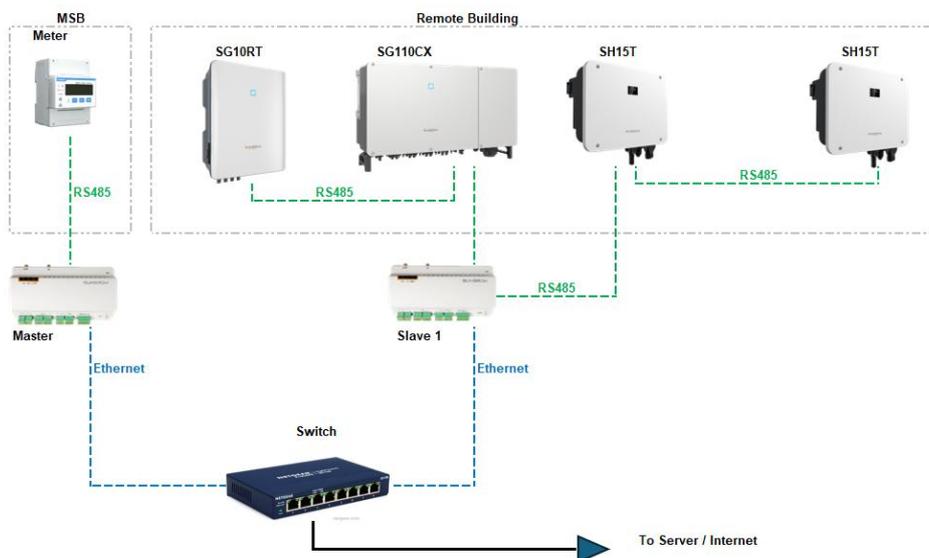
When the Logger1000’s are being used in Cascading Function i.e. Master/Slave configuration, and there are Hybrids connected, you will need to enable the ‘Energy Management System’.

Please ensure to have commissioned the Loggers as per the Cascading Configuration first.

**Enable the Energy Management System:**

This setting allows the batteries to discharge into loads, and charge from PV sources.

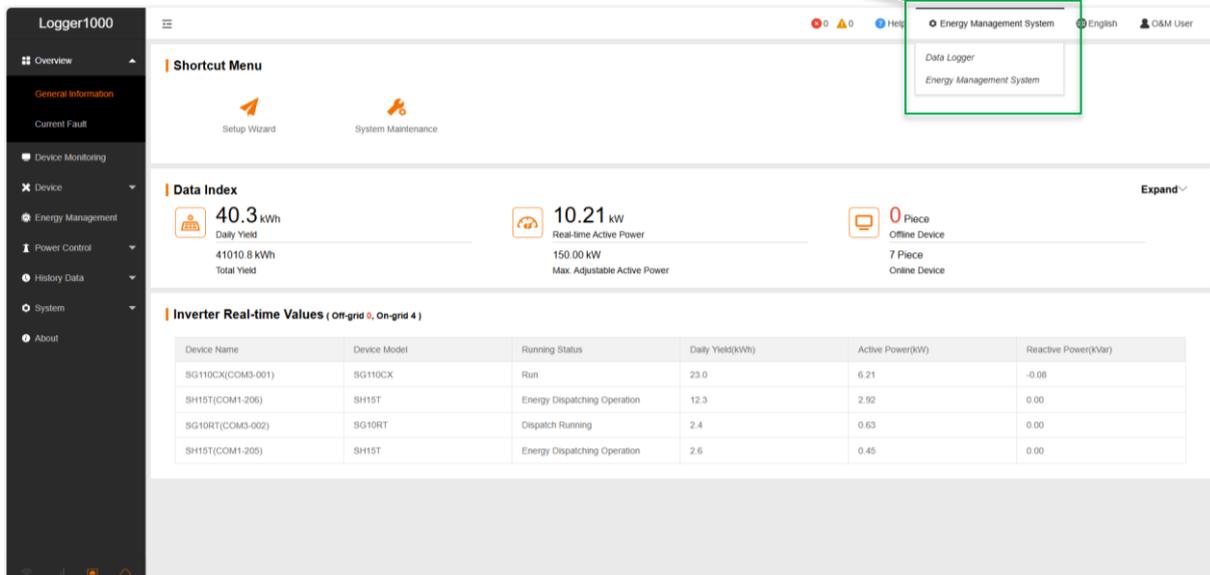
We will use the following as an example.



Once the Cascading function has been set up, and all inverters/loggers communicating, log into the slave that the Hybrids are connected to.

(If you are doing this online, ensure the 'Remote Maintenance' has been enabled).

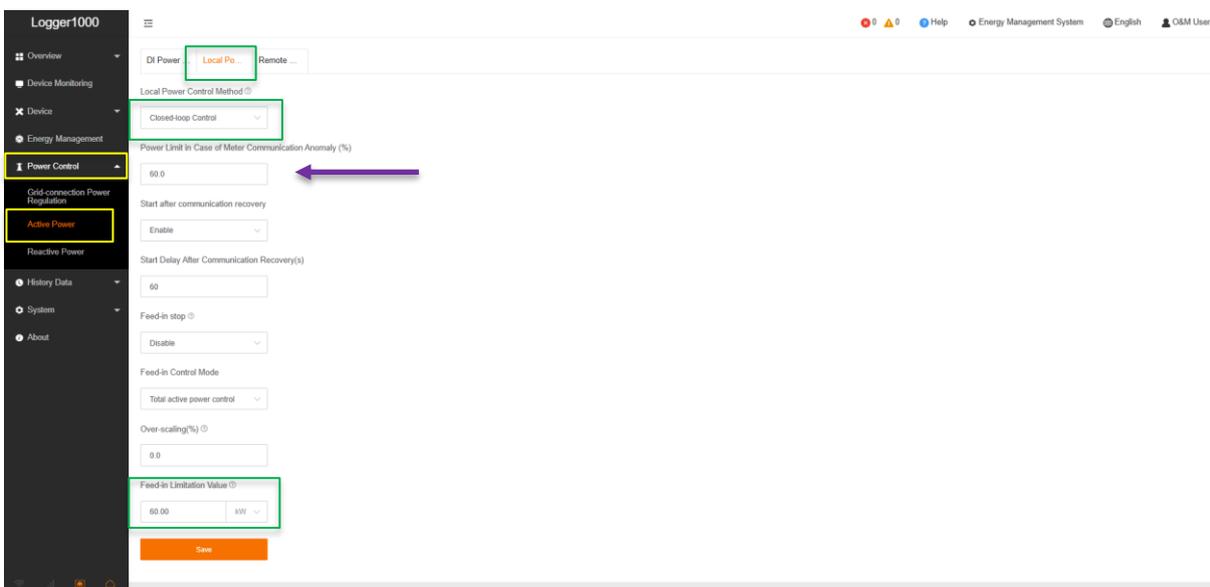
From the home screen click on the top right where it says "Data Logger" and from the drop down box, select Energy Management System.



Log back out, and log into the Master Logger and do the same thing.

**If you are setting export control:**

While still logged into the master Logger, Select 'Active Power Control' from the menu on the left, Open the 'Local Power Control' tab, select 'Closed Loop Control' and set the desired kW export limit.



**Power Limit in case of meter communication anomaly:**

In this field, the installer may elect the maximum output that the system will ramp down to in the case that the meter loses communication.

This is a fail-safe for export control.

Don't forget to save.

**Testing:**

Check that excess PV is charging the battery.

Switch off the PV array(s) and check that battery is discharging into loads.

Monitor to make sure the export limit is working.

If the issue still persists, please take photos testing on site and contact Sungrow Service Department on 1800 786 476 or email to [service@sungrowpower.com.au](mailto:service@sungrowpower.com.au).