

Leviton Series 6000 Meter

Load Shedding Feature Configuration

Series 6000 Meter Load Shedding Configuration

Easy Config System

EASY CONFIG SYSTEM 2.1 English

LIST OF CONNECTED DEVICES

Selected Devices Discover Gateways (SSDP) USB Mode

<input type="checkbox"/> Reference	Name	Location	Protocol	IP Address	Modbus Address	Status	Actions
No Data to Display							

Click on the + button to add a meter

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Selected Devices Discover Gateways (SSDP) USB Mode

Search...

Reference	Name	Location	Protocol	IP Address	Modbus Address	Status	Actions
No Data to Display							

Fill in the fields to add the meter to the list of connected devices.

Click the check button to add the device

Reference	Name	Location	Protocol	IP Address	Port	Modbus Address		
VerifEye 61P Ethernet	Load Shed Demo		Modbus TCP	192.168.100.157	502	205	✓	✗

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<input type="checkbox"/> Reference	Name	Location	Protocol	IP Address	Modbus Address	Status	Actions
<input type="checkbox"/> VeriEye 61P Ethernet	Load Shed Demo		Modbus TCP	192.168.100.157:502	205		   

Confirm the meter is connected (slider to the right and blue)
No error showing in the status field

+

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Reference	Name	Location	Protocol	IP Address	Modbus Address	Status	Actions
<input checked="" type="checkbox"/>	VeriEye 61P Ethernet	Load Shed Demo	Modbus TCP	192.168.100.157:502	205		<input checked="" type="checkbox"/>

Select the meter in the list (checked)

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DEVICE CONFIGURATION

ORGANIZATION

Devices by Gateway

Search...

Load Shed Demo - D0842C

CONFIGURATION

- Load
- Current Sensors
- Current sensors (advanced)
- Calculations
- Digital I/O
 - Digital Input
 - Digital Output
 - Sync & Integration period
- Monitoring
 - Load Curves
 - Trends
 - Energy synchronization
 - EN 50160 Events
 - Overload Events
 - Load Shedding**
 - Protection
 - Waveforms

Load Shedding

Description	Value	Load Shed Demo	Unit
Load Shedding 1			
State	Enabled	Enabled	-
Output	Output 1	Output 1	-
Associated Predictive Power	P+ (W)	P+ (W)	-
Threshold	250	250	W

Read

Program

Select the configuration option (wrench)

Scroll to the Monitoring section and select Load Shedding

- Set State to: Enabled
- Set Output to: Output 1
- Set Associated Predictive Power to: P+
- Set Threshold to the Wattage threshold for the circuit being monitored

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Digital Output

Description	Value	Load Shed Demo	Unit
Digital Output 1			
Digital Output			
Name	Digital Output 1	Digital Output 1	-
Type	Normally Open	Normally Open	-
Mode	State	State	-
Digital Output 2			
Digital Output			
Name	Digital Output 2	Digital Output 2	-
Type	Normally Open	Normally Open	-
Mode	State	State	-

Read

Program

Select the Digital Output

- Set the Type to Normally Open or Closed
- Set Mode to: State

- Click the Program button to send the setup to the meter

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EASY CONFIG SYSTEM 2.1

English

VISUALIZATION:

ORGANIZATION

Devices by Gateway

Search...

Load Shed Demo - D0842C

Logical output

Description	Value
Logical output 1	
Output Function	12
Output state	Activated
Logical output 2	
Output Function	None
Output state	Deactivated

DATA

- Dashboard
- Visualization
 - Instantaneous Measurements
 - Loads
 - Energy
 - Network
 - Load
 - Digital I/O
 - Logical input
 - Logical output
 - Identification
 - Product Information
 - Extended identification
 - Maintenance
 - Network
 - Network Characteristics
 - Current line connection computed
 - Load Used

Select the Digital Output

You should see the Output state change from Activated to Deactivated as the load shifts either above or below the established threshold value.

Series 6000 Load Shedding Configuration

Making it happen with M&V

