



## Gateway-Enabled PDU Replacement

<b>Applies to:</b>	<p>SmartZone Gateway-Enabled PDUs:</p> <ul style="list-style-type: none"><li>• M-Series</li><li>• MPO-Series</li><li>• MS-Series</li><li>• MSPO-Series</li></ul> <p>SmartZone Gateways:</p> <ul style="list-style-type: none"><li>• SmartZone Gateway EP042</li><li>• SmartZone Gateway EPA64</li><li>• SmartZone Gateway EPA126</li><li>• SmartZone Gateway EPA126 + EX18 Expansion unit</li></ul>
<b>Objective:</b>	<p>This Technical Reference describes the proper procedure for replacing a Gateway-Enabled PDU.</p>
<b>Pre-Requisites:</b>	<p>Web access and login credentials for the Gateway User Interface (UI).</p>

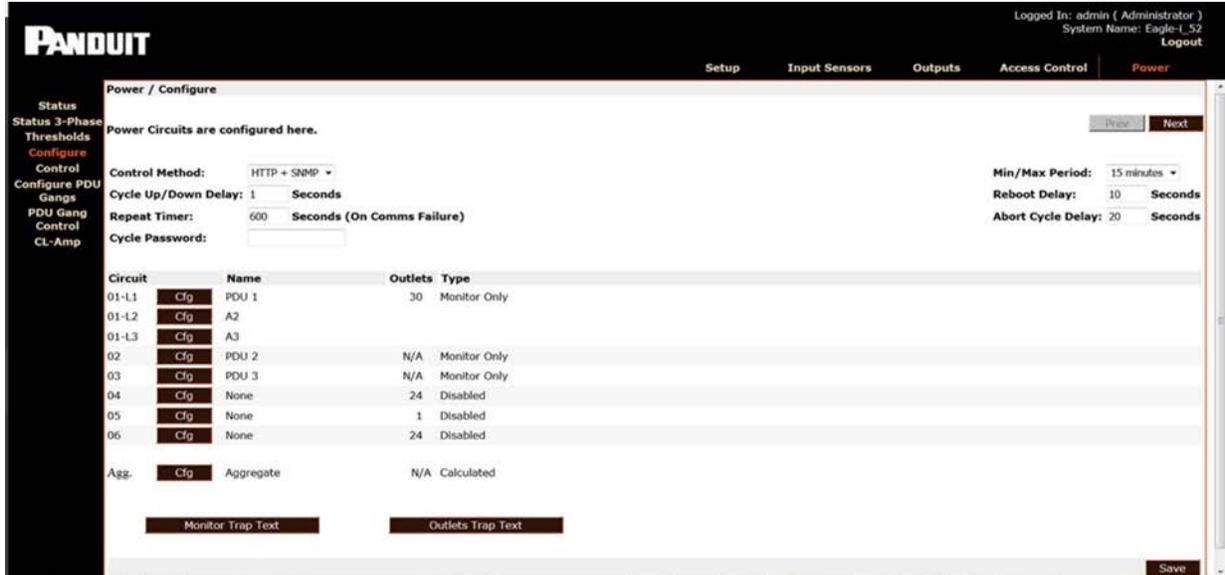
### Performing the Procedure

#### At the Cabinet:

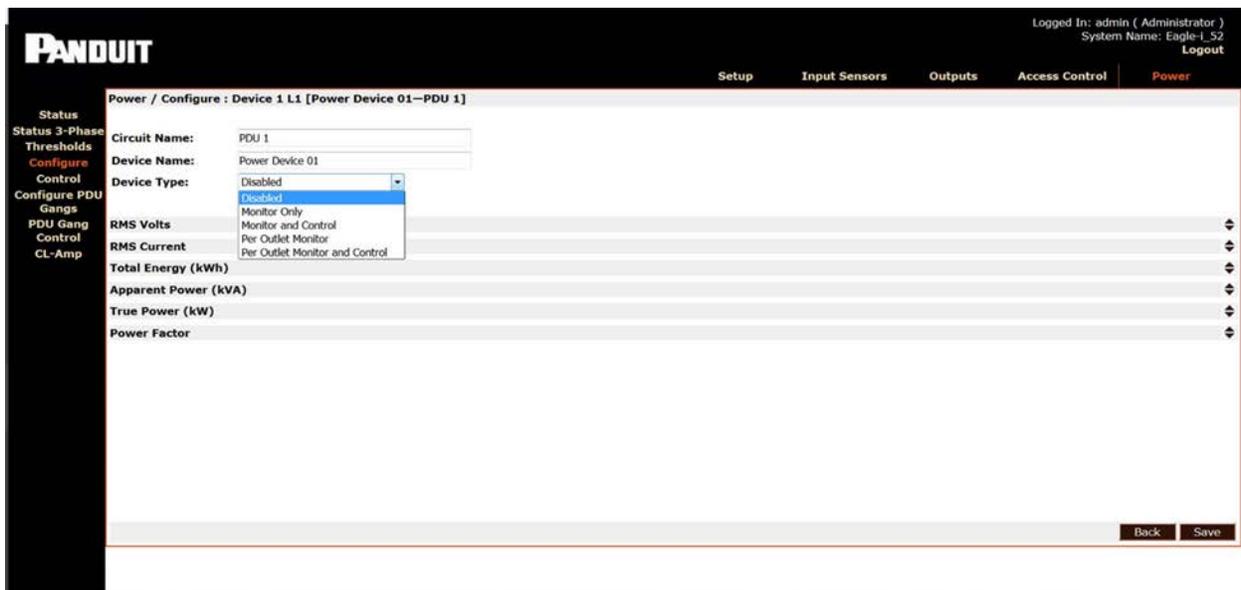
1. Determine what is physically connected to each outlet.

#### At the Gateway Web UI:

2. Check which outlets display as green (turned ON).
3. Record the line cord locations and the desired ON/OFF state of each outlet.
4. Correct any discrepancies between the desired outlet ON/OFF state and the current state.
5. Navigate to **Power>Configure>Cfg** to find the PDU you will replace.



6. From the Device Type drop-down menu, select Disabled to disable the PDU you will replace.



At the Cabinet:

7. Disconnect the PDU from the power source.
8. Unplug all line cords and cables going to the PDU to be replaced.
9. Remove the PDU from the cabinet.
10. With all breakers ON, install the new PDU.
11. Connect all line cords per the locations you recorded in Step 3.
12. Connect the communication cable to the Gateway.

### At the Gateway Web UI:

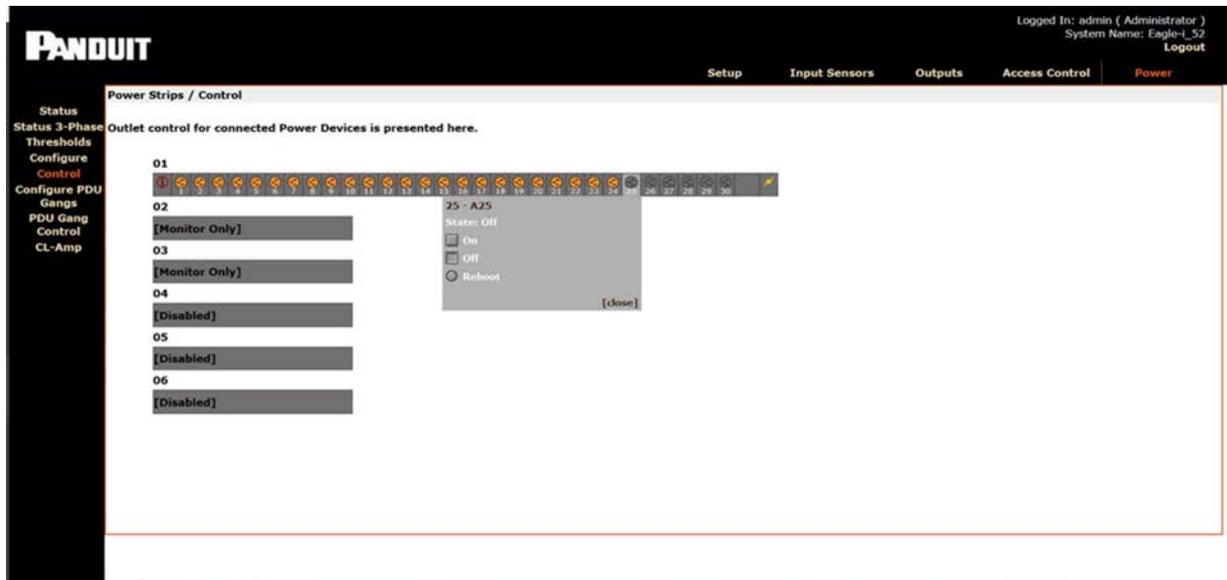
13. Navigate to **Power>Configure>Cfg** to find the new PDU.
14. From the Device Type drop-down menu, select the correct PDU model type for the new PDU.

The screenshot shows the Panduit Gateway Web UI configuration page for a PDU. The page title is "Power / Configure : Device 4 [Power Device 04—None]". The user is logged in as "admin (Administrator)" with system name "Eagle-I\_52". The page has a navigation menu with "Power" selected. The configuration fields are as follows:

Circuit Name:	None
Device Name:	Power Device 04
Device Type:	Monitor Only
RMS Volts:	
RMS Current:	
Total Energy (kWh):	
Apparent Power (kVA):	
True Power (kW):	
Power Factor:	

The "Device Type" dropdown menu is open, showing the following options: "Monitor Only", "Disabled", "Monitor Only", "Monitor and Control", "Per Outlet Monitor", and "Per Outlet Monitor and Control". The "Per Outlet Monitor and Control" option is selected. The "Back" and "Save" buttons are visible at the bottom right of the configuration area.

15. **Click Save** to preserve the new PDU configuration.
16. Go to **Power>Control** and put all outlets for the new PDU into the same ON/OFF states that you recorded in Step 3.



17. If necessary, you can power down unused outlets from the Gateway Web UI.
18. Go to **Power>Status** and verify that the correct line voltages and currents are displayed for the new PDU.

## End State

You have successfully replaced a Gateway-Enabled PDU within SmartZone.