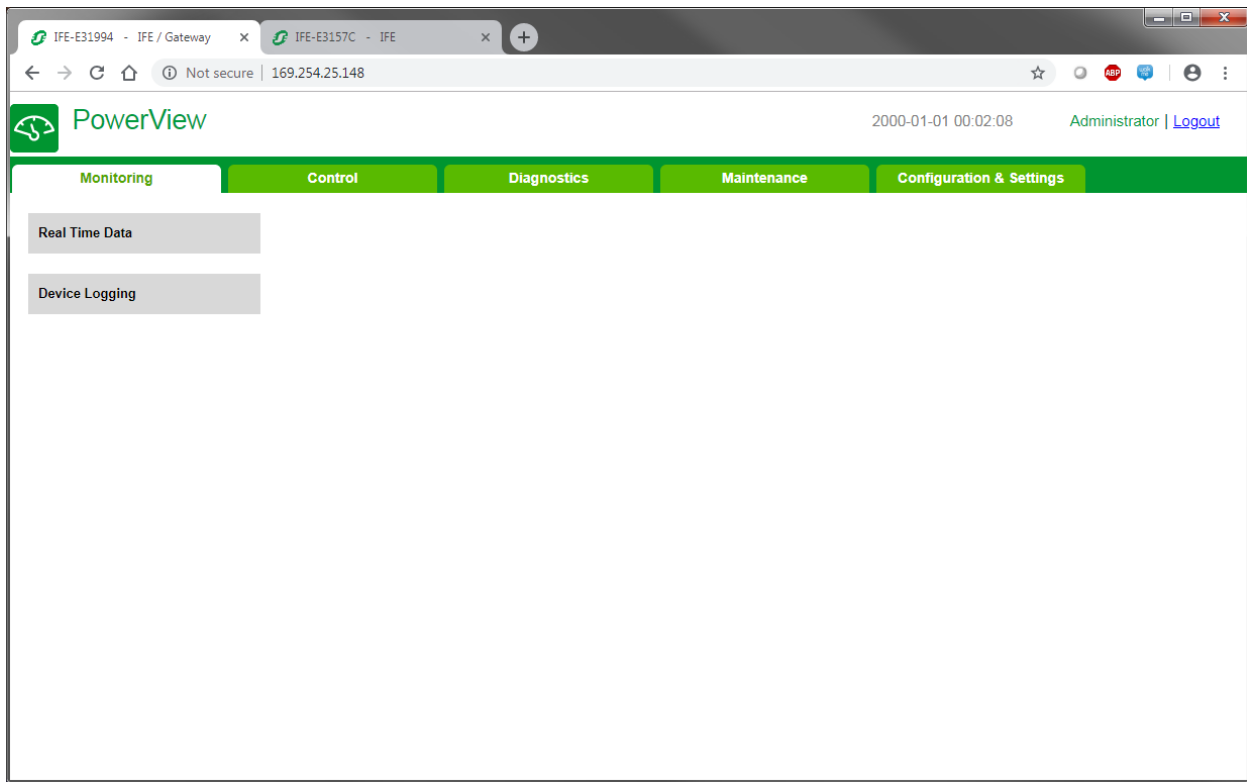
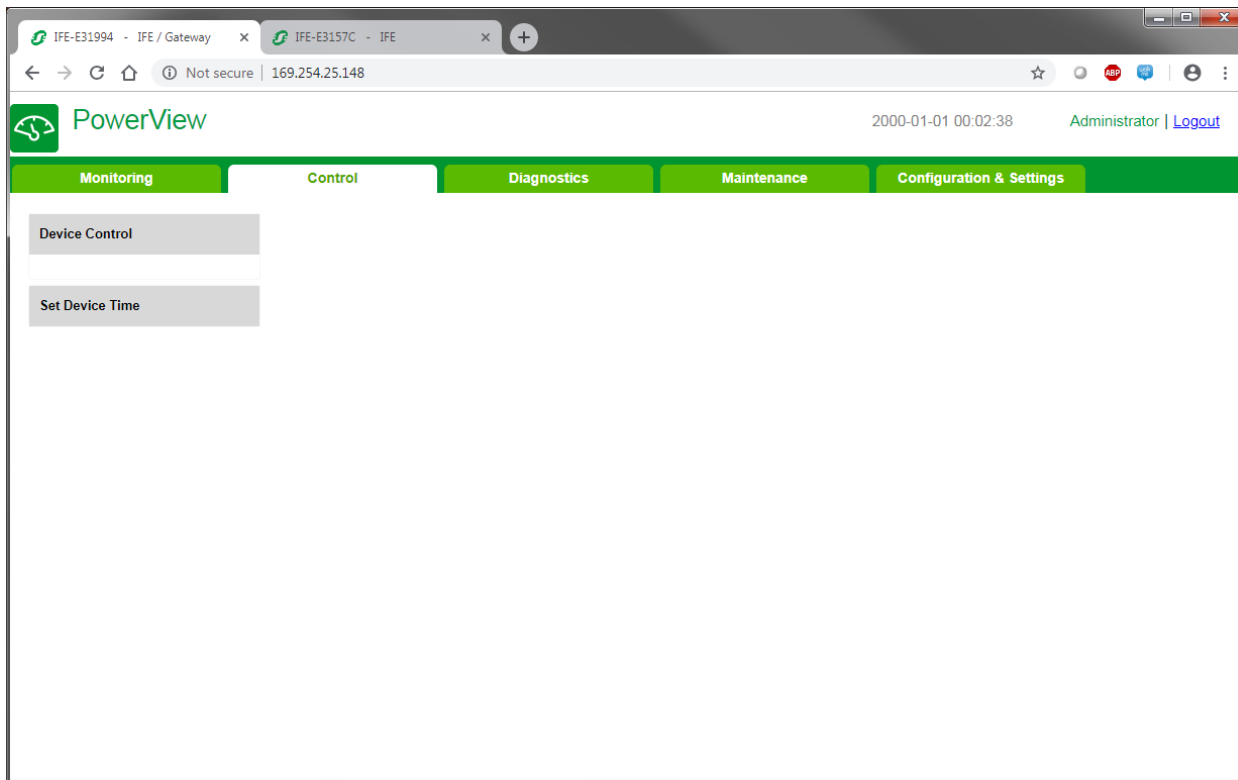


IFE Device Discovery

IFE Gateway – Monitoring – No devices listed



IFE Gateway – Control – No devices listed



IFE Gateway – Device List – Device appears to be listed

The screenshot shows the PowerView IFE Gateway interface. The browser address bar indicates the URL is 169.254.25.148. The interface has a green header with the PowerView logo and the text '2000-01-01 00:04:33 Administrator | Logout'. Below the header is a navigation bar with tabs: Monitoring, Control, Diagnostics, Maintenance, and Configuration & Settings. The left sidebar contains a tree view with categories: Email Configuration (Email Server Configuration, Email Events, Facility Expert), Device Configuration (Device List, Device Logging, Device Log Export), and Other Configuration (SNMP Parameters, Preferences, Advanced Services Control, User Accounts, Webpage Access). The main content area is titled 'Device List' and shows a table for 'IFE-E31994'. The table has columns: IP Address, Gateway, Address, Name, Connection, Device Type, Device Name, Slave ID, Delete, and Operation. The first row shows IP Address 169.254.25.148, Gateway checked, Address 255, Name IFE-E31994, and a Discover button. The second row shows Connection ULP, Device Type Micrologic P, Device Name NW, Slave ID 255, and an Edit button. A red arrow points to the 'Apply' button, with the text 'Click Apply' next to it.

PowerView

2000-01-01 00:04:33 Administrator | Logout

Monitoring Control Diagnostics Maintenance Configuration & Settings

Email Configuration

- Email Server Configuration
- Email Events
- Facility Expert

Device Configuration

- Device List
- Device Logging
- Device Log Export

Other Configuration

- SNMP Parameters
- Preferences
- Advanced Services Control
- User Accounts
- Webpage Access

Device List

Add Remote Devices Apply Delete

IFE-E31994

IP Address	Gateway	Address	Name	
169.254.25.148	☒	255	IFE-E31994	Discover

Connection	Device Type	Device Name	Slave ID	Delete	Operation
ULP	Micrologic P	NW	255	---	Edit

Click Apply

IFE Gateway – Device List – No apparent difference

The screenshot displays the PowerView web interface for an IFE Gateway. The browser address bar shows the URL `169.254.25.148`. The interface includes a top navigation bar with tabs for Monitoring, Control, Diagnostics, Maintenance, and Configuration & Settings. The left sidebar contains a tree view with categories: Email Configuration, Device Configuration, and Other Configuration. The main content area is titled "Device List" and features a table of configured devices. The table has columns for IP Address, Gateway, Address, and Name. A single device, IFE-E31994, is listed with IP Address 169.254.25.148 and Address 255. Below the table, there are fields for Connection (ULP), Device Type (Micrologic P), Device Name (NW), and Slave ID (255), along with buttons for Discover, Delete, and Edit.

PowerView 2000-01-01 00:08:13 Administrator | [Logout](#)

Monitoring **Control** **Diagnostics** **Maintenance** **Configuration & Settings**

Device List

Add Remote Devices Apply Delete

IFE-E31994

IP Address	Gateway	Address	Name
169.254.25.148	☒	255	IFE-E31994

Discover

Connection	Device Type	Device Name	Slave ID	Delete	Operation
ULP	Micrologic P	NW	255	---	Edit

+

IFE Gateway – Monitoring – Device is now listed

The screenshot shows the PowerView IFE Gateway monitoring interface. The browser address bar indicates the URL is 169.254.25.148. The interface has a top navigation bar with tabs: Monitoring, Control, Diagnostics, Maintenance, and Configuration & Settings. The left sidebar contains a tree view with the following items: Real Time Data, Single Device Pages (with NW selected), Summary Device Pages, Trending, and Device Logging. The main content area displays the 'Breaker Status : ----' and a 'Measures' section. Under 'Measures', there is a 'Basic Readings: NW (Micrologic P)' table. The table has four columns: Parameter, Minimum, Real Time, and Maximum. The data is as follows:

Parameter	Minimum	Real Time	Maximum
Load Current (A)			
Ia	----	----	----
Ib	----	----	----
Ic	----	----	----
I Avg	----	----	----
In	----	----	----
Ig	----	----	----
I Δn(mA)	----	----	----
Last Min/Max Reset:	----	----	----
Power			
Active (kW)	----	----	----
Reactive(kVAR)	----	----	----
Apparent(kVA)	----	----	----
Last Min/Max Reset:	----	----	----
Power Factor Total	----	----	----
Last Min/Max Reset:	----	----	----
Voltage			
Vab	----	----	----
Vbc	----	----	----

IFE Gateway – Control – Device is now listed

The screenshot shows the PowerView web interface for an IFE Gateway. The browser address bar indicates the URL is 169.254.25.148. The interface has a green header with the PowerView logo and navigation tabs: Monitoring, Control, Diagnostics, Maintenance, and Configuration & Settings. The 'Control' tab is active, displaying a table for 'NW(Micrologic P)'.

PowerView 2000-01-01 00:11:13 Administrator | [Logout](#)

Monitoring Control Diagnostics Maintenance Configuration & Settings

Device Control

NW

Set Device Time

NW(Micrologic P)

Control	Status	Operation
Min/Max	---	☐
Peak Demand Current	---	☐
Peak Demand Power	---	☐
Accumulated Energy	---	☐

Reset

IFE Gateway – Device List – Add Remote Devices

The screenshot shows the PowerView web interface for an IFE Gateway. The browser address bar indicates the URL is 169.254.25.148. The interface has a green header with the PowerView logo and navigation tabs: Monitoring, Control, Diagnostics, Maintenance, and Configuration & Settings. The left sidebar contains a tree view with sections: Email Configuration, Device Configuration, and Other Configuration. The main content area is titled 'Device List' and features a table for managing devices. A red arrow points to the 'Add Remote Devices' button, with the word 'Click' written in red next to it.

Device List

Buttons: Add Remote Devices, Apply, Delete

IP Address	Gateway	Address	Name
169.254.25.148	☒	255	IFE-E31994

Discover

Connection	Device Type	Device Name	Slave ID	Delete	Operation
ULP	Micrologic P	NW	255	---	Edit

+

IFE Gateway – Device List – Enter remote gateway info

The screenshot shows the 'Device List' configuration page in the IFE Gateway interface. The left sidebar contains navigation menus for 'Email Configuration', 'Device Configuration', and 'Other Configuration'. The 'Device Configuration' menu is expanded, showing 'Device List' as the selected option. The main content area is titled 'Device List' and contains two sections: 'IFE-E31994' and 'RemoteDevice1'. The 'IFE-E31994' section has a table with columns: IP Address, Gateway, Address, and Name. The 'RemoteDevice1' section has a table with columns: IP Address, Gateway, Address, Name, Device Type, Device Name, Slave ID, Delete, and Operation. Red arrows point to the 'IP Address' field in the 'RemoteDevice1' table (labeled '1-Enter IP'), the 'Name' field in the 'RemoteDevice1' table (labeled '2-Enter remote gateway name'), and the 'Apply' button (labeled '3-Click Apply').

PowerView 2019-03-14 08:27:35 Administrator | Logout

Monitoring Control Diagnostics Maintenance Configuration & Settings

Email Configuration

- Email Server Configuration
- Email Events
- Facility Expert

Device Configuration

- Device List
- Device Logging
- Device Log Export

Other Configuration

- SNMP Parameters
- Preferences
- Advanced Services Control
- User Accounts
- Webpage Access

Device List

Add Remote Devices Apply Delete

IFE-E31994

IP Address	Gateway	Address	Name
169.254.25.148	☒	255	IFE-E31994

Discover

Connection	Device Type	Device Name	Slave ID	Delete	Operation
ULP	Micrologic P	NW	255	---	Edit

+

RemoteDevice1

Delete Remote Device: ☐

IP Address	Gateway	Address	Name
169.254.21.124	☒	255	Remote IFE No1

Discover

Device Type	Device Name	Slave ID	Delete	Operation
-------------	-------------	----------	--------	-----------

+

1-Enter IP

2-Enter remote gateway name

Life Is On

Schneider
Electric

IFE Gateway – Device List – Add remote device

The screenshot shows the PowerView web interface for an IFE Gateway. The browser address bar indicates the URL is 169.254.25.148. The interface has a green header with the PowerView logo and the date/time 2019-03-14 08:31:05. The main navigation bar includes tabs for Monitoring, Control, Diagnostics, Maintenance, and Configuration & Settings. The left sidebar contains several configuration categories: Network Configuration (Ethernet Configuration, IP Configuration, Modbus TCP/IP Filtering, Modbus Serial Line), Email Configuration (Email Server Configuration, Email Events, Facility Expert), Device Configuration (Device List, Device Logging, Device Log Export), and Other Configuration. The 'Device List' section is currently active, displaying two tables. The first table, titled 'IFE-E31994', shows a single device with IP Address 169.254.25.148, Gateway checked, Address 255, and Name IFE-E31994. The second table, titled 'Remote IFE No1', shows a single device with IP Address 169.254.21.124, Gateway checked, Address 255, and Name Remote IFE No1. A red arrow points to the 'Discover' button in the 'Remote IFE No1' table.

PowerView 2019-03-14 08:31:05 Administrator | Logout

Monitoring Control Diagnostics Maintenance Configuration & Settings

Network Configuration

- Ethernet Configuration (Dual port)
- IP Configuration
- Modbus TCP/IP Filtering
- Modbus Serial Line

Email Configuration

- Email Server Configuration
- Email Events
- Facility Expert

Device Configuration

- Device List
- Device Logging
- Device Log Export

Other Configuration

Device List

Add Remote Devices Apply Delete

IFE-E31994

IP Address	Gateway	Address	Name	
169.254.25.148	☒	255	IFE-E31994	Discover

Connection Device Type Device Name Slave ID Delete Operation

ULP Micrologic P NW 255 --- Edit

+

Remote IFE No1

Delete Remote Device: ☐

IP Address	Gateway	Address	Name	
169.254.21.124	☒	255	Remote IFE No1	Discover

Device Type Device Name Slave ID Delete Operation

+

IFE Gateway – Device List – Remote Device Discovery

IFE-E31994 - IFE / Gateway x IFE-E3157C - IFE x

Not secure | 169.254.25.148

PowerView 2019-03-14 08:32:10 Administrator | Logout

Monitoring Control Diagnostics Maintenance Configuration & Settings

Network Configuration

- Ethernet Configuration (Dual port)
- IP Configuration
- Modbus TCP/IP Filtering
- Modbus Serial Line

Email Configuration

- Email Server Configuration
- Email Events
- Facility Expert

Device Configuration

- Device List
- Device Logging
- Device Log Export

Other Configuration

Device Discovery

IP Address	Start Modbus ID	Stop Modbus ID
169.254.21.124	1	10

Save Connection Defined Assigned

Device Type

Start Discover Apply

1-Enter range of Modbus Slave ID

2-Click Start Discover

IFE Gateway – Device List – Remote Device Discovery

The screenshot shows the PowerView IFE Gateway web interface. The browser tabs are 'IFE-E31994 - IFE / Gateway' and 'IFE-E3157C - IFE'. The address bar shows '169.254.25.148'. The page title is 'PowerView' and the date/time is '2019-03-14 08:34:00'. The user is 'Administrator' and can click 'Logout'.

The navigation bar has tabs: Monitoring, Control, Diagnostics, Maintenance, and Configuration & Settings. The left sidebar has categories: Network Configuration, Email Configuration, Device Configuration, and Other Configuration. Under Device Configuration, 'Device List' is highlighted.

The main content area is titled 'Device Discovery'. It has input fields for 'IP Address' (169.254.21.124), 'Start Modbus ID' (1), and 'Stop Modbus ID' (10). Below these is a table with columns: Save, Connection, Defined, Device Type, Assigned, Name, Local ID, and Status.

Save	Connection	Defined	Device Type	Assigned	Name	Local ID	Status
☒			PowerPact E		Remote IFE No1[255]	255	Found
☐			Modbus		Remote IFE No1[1]	1	No device found
☐			Modbus		Remote IFE No1[2]	2	No device found
☐			Modbus		Remote IFE No1[3]	3	No device found
☐			Modbus		Remote IFE No1[4]	4	No device found
☐			Modbus		Remote IFE No1[5]	5	No device found
☐			Modbus		Remote IFE No1[6]	6	No device found
☐			Modbus		Remote IFE No1[7]	7	No device found
☐			Modbus		Remote IFE No1[8]	8	No device found
☐			Modbus		Remote IFE No1[9]	9	No device found
☐			Modbus		Remote IFE No1[10]	10	No device found

At the bottom of the table are buttons for 'Start Discover' and 'Apply'. A red arrow points to the 'Device List' link in the sidebar, and another red arrow points to the 'Apply' button.

1-Select devices to add

2-Click Apply

Life Is On

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IFE Gateway – Device List – Remote Device Discovery

PowerView

Monitoring Control

Network Configuration

- Ethernet Configuration (Dual port)
- IP Configuration
- Modbus TCP/IP Filtering
- Modbus Serial Line

Email Configuration

- Email Server Configuration
- Email Events
- Facility Expert

Device Configuration

- Device List**
- Device Logging
- Device Log Export

Other Configuration

169.254.25.148 says
This will overwrite your device list. Are you sure?

OK Cancel

Device Discovery

IP Address: 169.254.25.124 Start Modbus ID: 1 Stop Modbus ID: 10

Click OK to confirm

Save	Connection	Defined	Assigned	Name	Local ID	Status
☒			PowerPact E	Remote IFE No1[255]	255	Found
☐			Modbus	Remote IFE No1[1]	1	No device found
☐			Modbus	Remote IFE No1[2]	2	No device found
☐			Modbus	Remote IFE No1[3]	3	No device found
☐			Modbus	Remote IFE No1[4]	4	No device found
☐			Modbus	Remote IFE No1[5]	5	No device found
☐			Modbus	Remote IFE No1[6]	6	No device found
☐			Modbus	Remote IFE No1[7]	7	No device found
☐			Modbus	Remote IFE No1[8]	8	No device found
☐			Modbus	Remote IFE No1[9]	9	No device found
☐			Modbus	Remote IFE No1[10]	10	No device found

Start Discover Apply

IFE Gateway – Device List – Remote device is now listed

The screenshot shows the PowerView IFE Gateway web interface. The browser address bar indicates the URL is 169.254.25.148. The interface has a green header with the PowerView logo and the date/time 2019-03-14 08:36:51. The main navigation bar includes tabs for Monitoring, Control, Diagnostics, Maintenance, and Configuration & Settings. The left sidebar contains the following sections:

- Network Configuration**
 - Ethernet Configuration (Dual port)
 - IP Configuration
 - Modbus TCP/IP Filtering
 - Modbus Serial Line
- Email Configuration**
 - Email Server Configuration
 - Email Events
 - Facility Expert
- Device Configuration**
 - Device List**
 - Device Logging
 - Device Log Export
- Other Configuration**

The main content area is titled "Device List" and contains two sections:

IFE-E31994

IP Address	Gateway	Address	Name
169.254.25.148	☒	255	IFE-E31994

Connection **Device Type** **Device Name** **Slave ID** **Delete** **Operation**

ULP	Micrologic P	NW	255	---	Edit
-----	--------------	----	-----	-----	------

Remote IFE No1

Delete Remote Device: ☐

IP Address	Gateway	Address	Name
169.254.21.124	☒	255	Remote IFE No1

Device Type **Device Name** **Slave ID** **Delete** **Operation**

PowerPact E	Remote IFE No1[255]	255	☐	
-------------	---------------------	-----	--------------------------	--

IFE Gateway – Device List – Rename remote device

The screenshot shows the PowerView IFE Gateway web interface. The left sidebar contains navigation menus for Network Configuration, Email Configuration, Device Configuration, and Other Configuration. The main area is titled 'Device List' and contains two sections: 'IFE-E31994' and 'Remote IFE No1'. The 'Remote IFE No1' section is expanded, showing a table with columns for IP Address, Gateway, Address, Name, Device Type, Device Name, Slave ID, Delete, and Operation. The 'Device Name' field is highlighted with a red arrow and the text '1-Type new name'. The 'Apply' button is also highlighted with a red arrow and the text '2-Click Apply'.

PowerView

2019-03-14 08:37:46 Administrator | [Logout](#)

Monitoring Control Diagnostics Maintenance Configuration & Settings

Network Configuration

- Ethernet Configuration (Dual port)
- IP Configuration
- Modbus TCP/IP Filtering
- Modbus Serial Line

Email Configuration

- Email Server Configuration
- Email Events
- Facility Expert

Device Configuration

- Device List
- Device Logging
- Device Log Export

Other Configuration

Device List

Add Remote Devices Apply Delete

IFE-E31994

IP Address	Gateway	Address	Name
169.254.25.148	☒	255	IFE-E31994

Discover

Connection	Device Type	Device Name	Slave ID	Delete	Operation
ULP	Micrologic P	NW	255	---	Edit

+

Remote IFE No1

Delete Remote Device: ☐

IP Address	Gateway	Address	Name
169.254.21.124	☒	255	Remote IFE No1

Discover

Device Type	Device Name	Slave ID	Delete	Operation
PowerPact E	PP-H	255	☐	

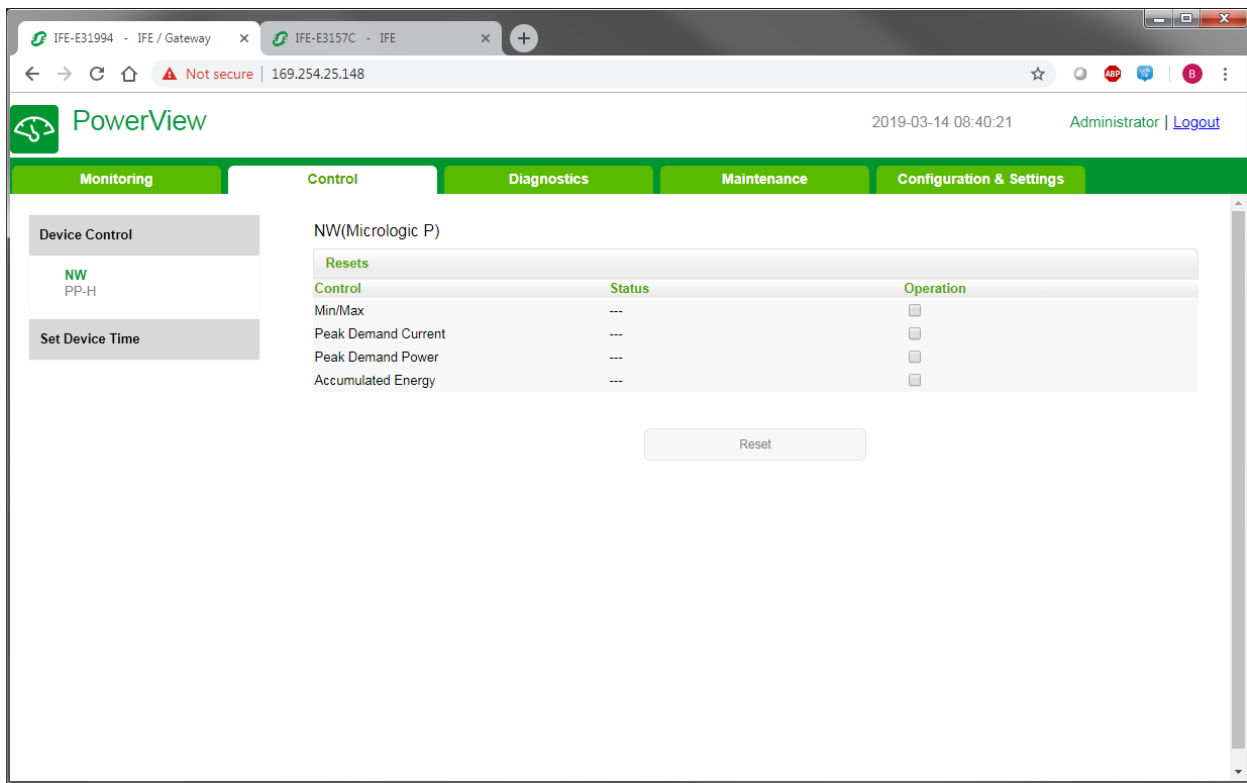
+

IFE Gateway – Monitoring – Local and Remote devices listed

The screenshot displays the PowerView IFE Gateway monitoring interface. The browser address bar shows the URL 169.254.25.148. The interface includes a top navigation bar with tabs for Monitoring, Control, Diagnostics, Maintenance, and Configuration & Settings. The left sidebar contains a tree view with categories: Real Time Data, Single Device Pages (selected), Summary Device Pages, Trending, and Device Logging. Under Single Device Pages, the device 'NW PP-H' is selected. The main content area shows the 'Breaker Status : NA' and a 'Measures' section. The 'Basic Readings: NW (Micrologic P)' table provides real-time and maximum values for various parameters.

Parameter	Minimum	Real Time	Maximum
Load Current (A)			
Ia	0	0	1460
Ib	0	0	1452
Ic	0	0	1460
I Avg	----	0	----
In	0	0	1414
Ig	----	0	10
I Δn(mA)	----	----	----
Last Min/Max Reset: 2017-01-11 14:42:15			
Power			
Active (kW)	0	0	0
Reactive(kVAR)	0	0	0
Apparent(kVA)	0	0	0
Last Min/Max Reset: 2017-01-11 14:42:15			
Power Factor Total	1.00	1.00	1.00
Last Min/Max Reset: 2017-01-11 14:42:15			
Voltage			
Vab	0	0	0
Vbc	0	0	0

IFE Gateway – Control – Local and Remote devices listed



The screenshot shows the PowerView IFE Gateway Control interface. The browser address bar indicates the URL is 169.254.25.148. The interface has a green header with the PowerView logo and navigation tabs: Monitoring, Control, Diagnostics, Maintenance, and Configuration & Settings. The Control tab is active, showing a sidebar with 'Device Control' and 'Set Device Time' options. The main content area displays 'NW(Micrologic P)' and a 'Resets' table.

Control	Status	Operation
Min/Max	---	☐
Peak Demand Current	---	☐
Peak Demand Power	---	☐
Accumulated Energy	---	☐

Below the table is a 'Reset' button.