

Device Events

Viewing Device Events in energyIP8

Any meter event listed on the daily Device Events report may be found in energyIP8. When you access the Service Point, you can get a list of events by scrolling through the Recent Events section on the Service Point Summary page. To get a full listing of events and to drill down for more details, click on the Device Events tab at the top of the screen:

The screenshot shows the EnergyIP8 interface for a Service Point. The 'Device Events' tab is selected in the top navigation bar. The 'Recent Events' table is highlighted with a red box and contains the following data:

Name	Date	Description
Meter Measure Check Failed	01/08/2019 06:44:00	NetSense event Category[Service]NetSense event Na...
Meter Measure Check Failed	01/08/2019 02:44:00	NetSense event Category[Service]NetSense event Na...
Meter Measure Check Failed	01/07/2019 22:44:00	NetSense event Category[Service]NetSense event Na...

Other sections visible on the page include:

- Meter (Electric):** Load Connected, Power Connected, Billing Hold. Premise: 903 16TH STREET, BRODHEAD, 53520, Wisconsin, United States.
- Service Requests (4):**

Ref	Type	SubType	Status	Due Date	Owner
1048944	VEE	Verify/Edit	Done	01/10/2019 04:24:01	PIPE_PROXY_66C
1005766	Meter Data Processing	Reframe Read	Done		PIPE_PROXY_66C
1005017	Meter Data Processing	Reframe Read	Done		PIPE_PROXY_66C
479695	Provisioning	Meter - Add	Done		PIPE_PROXY_66C
- Recent Billing Requests (12):**

From	To	Cycle	Status
11/15/2018 00:00:00	12/15/2018 00:00:00		EXPORTED
11/15/2018 00:00:00	12/15/2018 00:00:00		EXPORTED
11/15/2018 00:00:00	12/15/2018 00:00:00		EXPORTED
11/15/2018 00:00:00	12/15/2018 00:00:00		EXPORTED
11/15/2018 00:00:00	12/15/2018 00:00:00		EXPORTED
- Active Channels (11):**

Ref	Measurement	Type	Last Read Date	Value
990617	KWH Del 15 Interval Read	Interval Data	01/08/2019 03:15:00	0.396
990614	KW Del Total Demand Daily Register R...	Register	01/08/2019 05:46:00	29.352
990615	KW Del On Peak Demand Daily Regist...	Register	01/08/2019 05:46:00	29.352
990616	KW Del Off Peak Demand Daily Regist...	Register	01/08/2019 05:46:00	25.026
990611	KWH Del Total Cumulative Register Re...	Register	01/08/2019 05:46:00	90,652
- Active Data Services (5):**

Ref	Name	Service Start Date
4301	Daily Data Collection Service	08/31/2015 01:00:00
4305	Data Delivery Service-Residential-Electric	11/15/2018 00:00:00
4308	Data Transfer Service-myMeter	11/15/2018 00:00:00
4315	Framing Service-Electric-8-8	11/15/2018 00:00:00
4331	VEE Service 79, Electric, Industrial Standard	06/30/2015 00:00:00

To view a history of device events, click on the Device Events tab Search button and a full list of events collected by energyIP8 will be presented. To view details of a particular event, click on the Event Time link on the particular record:

The screenshot displays the EnergyIP web application interface. At the top, the header shows 'EnergyIP' and 'Service Point Details' with 'Udc Id: 6600000005220010001' and 'Meter Udc Id: 6600000863 Electric'. The navigation tabs include 'Search', 'Information', 'Device Events', and 'Meter Data'. The 'Device Events' tab is active, showing a search interface with filters for 'Event Time Start', 'Event Time End', 'Device Event Type', 'Event Subdomain', 'Description', and 'Device UdcId'. Below the search bar are 'Search' and 'Reset' buttons. The main content is a table of event records with the following columns: Event Time, Device Event Type, Event Subdomain, Description, Device UdcId, Number of Occurrences, Threshold, Measured Value, Duration, CIM Event Code, Type, Domain, Event Description, Meter Reset Flag, and Target Asset. The first row of the table is highlighted with a red box.

Event Time	Device Event Type	Event Subdomain	Description	Device UdcId	Number of Occurrences	Threshold	Measured Value	Duration	CIM Event Code	Type	Domain	Event Description	Meter Reset Flag	Target Asset
01/08/2019 06:44:00	229-Meter Measure Check Failed	SelfTest	NetSense event...	6600000863	0	0.0	0.0	0	0.11.100.85	Unknown	Firmware	Meter measure...	Y	ElectricMeter
01/08/2019 02:44:00	229-Meter Measure Check Failed	SelfTest	NetSense event...	6600000863	0	0.0	0.0	0	0.11.100.85	Unknown	Firmware	Meter measure...	Y	ElectricMeter
01/07/2019 22:44:00	229-Meter Measure Check Failed	SelfTest	NetSense event...	6600000863	0	0.0	0.0	0	0.11.100.85	Unknown	Firmware	Meter measure...	Y	ElectricMeter
01/07/2019 18:44:00	229-Meter Measure Check Failed	SelfTest	NetSense event...	6600000863	0	0.0	0.0	0	0.11.100.85	Unknown	Firmware	Meter measure...	Y	ElectricMeter
01/07/2019 14:44:00	229-Meter Measure Check Failed	SelfTest	NetSense event...	6600000863	0	0.0	0.0	0	0.11.100.85	Unknown	Firmware	Meter measure...	Y	ElectricMeter
01/07/2019 10:44:00	229-Meter Measure Check Failed	SelfTest	NetSense event...	6600000863	0	0.0	0.0	0	0.11.100.85	Unknown	Firmware	Meter measure...	Y	ElectricMeter
01/07/2019 06:44:00	229-Meter Measure Check Failed	SelfTest	NetSense event...	6600000863	0	0.0	0.0	0	0.11.100.85	Unknown	Firmware	Meter measure...	Y	ElectricMeter

The Device Event Details page presents a couple points of interest, including the Event Time, a more complete event Description as provided by the AMI system and a summary Attribute of the event. Note that the value of the Attribute (True/False) indicates the present state of the event at the time it was reported. True indicates that the state of the event is active at the time of the event being reported. False would indicate that a particular event has been cleared by the meter and is no longer active at the time the event was reported to energyIP8:

The screenshot shows the EnergyIP8 interface for 'Device Event Details'. The page title is 'Device Event Details (Id:)'. The breadcrumb trail includes 'Back to Device Events'. The form contains the following fields:

- Event Time*: 01/08/2019 06:44:00
- Event Type: Meter Measure Check Failed
- Event Record Number*: 0
- Reported Time: [Empty]
- Device UdcId: 6600000863
- Event Start Time: [Empty]
- Description Text: NetSense event Category[Service][NetSense event Name[Service Voltage Test Failure]][NetSense event id[211].Meter
- Device Data SRC Id: 2503
- Duration: [Empty]
- Variance: [Empty]
- Number of Occurrences: [Empty]
- Measured Value: [Empty]
- Org Id: 1552
- Insert Time: 01/08/2019 06:57:44
- Correlation Id: [Empty]
- Incoming Device Type: Meter
- Incoming Device Id: 277201

The 'Attributes' section is highlighted with a red box and contains the following table:

Attributes	
Name	Value
211-Service Voltage Test Failure	true