



CenterPoint Energy's Interim Portal User Information Guide (Introducing AMS & HAN Functionality)

Release Date: August 1, 2009

Competitive Retailer Information Portal (CRIP) and the addition of Interim Portal AMS/HAN functionality is owned by CenterPoint Energy, and CenterPoint Energy retains all proprietary rights to CRIP. CenterPoint Energy and the Competitive Retailer (CR) / Retail Electric Provider (REP), who is our Customer, are both required by the Customer Protection Rules within the Substantive Rules Applicable to Electric Service Providers, to protect specific proprietary End-Use Retail Customer data associated with a specific ESI-ID / Service Address, and shall not allow unauthorized persons or entities to view or otherwise have access to this information. Users must agree to the Terms of Use to access any proprietary End-Use Retail Customer information contained within CenterPoint Energy's CRIP system.

Interim Portal User Information Guide

CenterPoint Energy has expanded its Competitive Retailer Information Portal (CRIP) to include Advanced Meter System (AMS) and Home Area Networking (HAN) functionality. The additional features found in the Interim Portal are:

1. AMS meter kWh usage information for display, print and/or download in 24 hour, 30 day and 13 month periods
2. On Demand Reading of AMS meter's kWh register once per day.
3. The ability to join various Home Area Network devices to the AMS meter and consult their messaging history and significant meter events.

Competitive Retailers will use their existing CRIP login procedure to gain entry and navigate into the AMS/HAN region.

As with CRIP, the Premise Search home page is the default page upon login and serves as the primary path for access to select an account and use the new AMS features within the Interim Portal. The User may also select from options listed on the left.

Premise Search



ELECTRIC SERVICES - COMPETITIVE RETAILERS INFORMATION PORTAL

Home > Premise Search

PREMISE SEARCH

Please select one of the following premise information search options:

- Search by ESI ID:** Please enter the exact ESI ID.
- Search by Meter Number:** Please enter the exact meter number.
- Search by Address:** Please enter the exact address or at least the first 3 digits of the street number and the first 2 characters of the street name followed by the "%" wild card character. The street number and name allow for the "%" wild card to be used only at the right-hand side of these fields. (i.e. 100% and MA% for 1008 MAIN ST). You can further narrow your results by specifying a street prefix.

Street #	Street Prefix	Street Name	Apt/Unit
<input type="text"/>	<input type="text" value="v"/>	<input type="text"/>	<input type="text"/>

Premise Search results

ELECTRIC SERVICES - COMPETITIVE RETAILERS INFORMATION PORTAL

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- PREMISE SEARCH
- REPORT DOWNLOAD
- PREMISE MASTER LIST
- CHANGE PASSWORD
- ONLINE AGREEMENT
- LOGOUT

Home > Premise Search

PREMISE SEARCH

[Modify Search](#) [New Search](#)

1 record(s) found on 1 page(s)

	ESIID	Status	CR of Record	House #	Prefix	Street	Suffix	Apt. /Unit	City	State	Zip
AMS Meter	View Details 10089010	ACTIVE	Protected			WASHINGTON	AVE		HOUSTON TX	77007	

User should notice the new AMS Meter field in the search results page. If the selected account has a provisioned AMS meter, then the field will be highlighted in blue. Accounts without a provisioned AMS meter will be highlighted in gray. User should click on [AMS Meter](#) to continue.

AMS Meter Premise Details

ELECTRIC SERVICES - COMPETITIVE RETAILERS INFORMATION PORTAL

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- PREMISE SEARCH
- REPORT DOWNLOAD
- PREMISE MASTER LIST
- CHANGE PASSWORD
- ONLINE AGREEMENT
- LOGOUT

Home > Premise Search > Premise Results > Premise Details

PREMISE DETAILS

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ESI ID :
10089010

STREET ADDRESS :
WASHINGTON AVE

 **PRINT**

Premise Information	24 hr Report	30 Day Report	13 Month Report	Current Read	HAN
-------------------------------------	------------------------------	-------------------------------	---------------------------------	------------------------------	---------------------

ESI ID Start Date :	4/28	Premise Type :	SMALL NON RESIDENTIAL
Status :	ACTIVE	Profile :	PROTECTED
Rep. of Record :	PROTECTED	4CP/KVA :	PROTECTED
Rate Class :	PROTECTED	Service Voltage :	PROTECTED
Permit Jurisdiction :	HOUSTON	Critical Care Customer	No

[View Permit Details and Telephone Numbers](#)

Meter Information

Number	MFG Code	Type	Install Date	Owner
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The meter information is protected

The Premise Information tab displays first and is similar to what is seen in CRIP.

The KWH Usage tabs

Each of the 3 tabs will give a graphical display of kilowatt hour usage and allow user to Print, Download to Excel, or select a past usage period from the date selector.

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ESI ID :
1008901010

STREET ADDRESS :
WASHINGTON AVE

 PRINT

[Premise Information](#)

[24 hr Report](#)

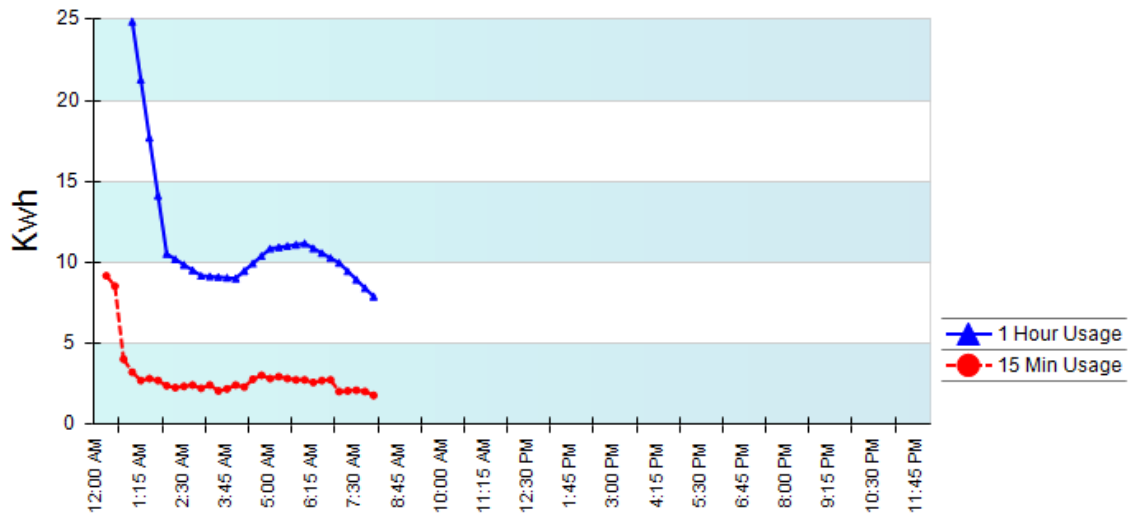
[30 Day Report](#)

[13 Month Report](#)

[Current Read](#)

[HAN](#)


24 Hour Usage for: 8/3/2009



Enter desired END DATE for the report (mm/dd/yy) 

Click on SAVE button to export data into Excel

 SUBMIT

 SAVE

The Current Read tab

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ESI ID :
10089010

STREET ADDRESS :
WASHINGTON AVE

 PRINT

[Premise Information](#)

[24 hr Report](#)

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[Current Read](#)

[HAN](#)

Current Meter Reading 8/3/2009 4:34 PM



Click Refresh to initiate a current read from your meter. Please be patient as this functionality is usually completed within three minutes.

 REFRESH

This feature will give the user an On Demand Read (ODR). The ODR is activated by pressing the Refresh button at bottom of screen. A result is typically returned within three minutes. This function is limited to one use per day (on a 24 hour clock, starting at midnight) per Competitive Retailer. If an ODR has already been performed within the 24 hour period, a message will be returned. However, user will still be able to view reading for that day. Additionally, the register reading from midnight will always be available in this tab, but will be updated with current ODR once performed.


Note: the decimal represents the portion of a kWh consumed up to the moment of ODR. In above example, the site has used .75 of one kWh at time of ODR.

The HAN tab

The screens within this tab will allow user to provision/join up to 5 Home Area Network devices. It will also allow de-provisioning of joined devices. Additionally, a history of device messaging and action events will be displayed under the MSG LOG Push button.

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ESI ID : **10089010** STREET ADDRESS :



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Device #	MAC Address	Device Type	Device Label	Status	Date Requested	Date Completed	
1							<input type="button" value="DEPROVISION"/>
2							<input type="button" value="DEPROVISION"/>
3							<input type="button" value="DEPROVISION"/>
4							<input type="button" value="DEPROVISION"/>
5							<input type="button" value="DEPROVISION"/>

Provisioning

To start the provisioning of a device, click the Provision push button. User will advance to this Provisioning Details input screen:

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HAN Device Provisioning

MAC Address

Installation Code

Device Type Text

Device Type

*Only Smart Energy Public Profile Certified (SE) HAN Devices will provision/join. Non-SE devices will reject.

Here, user will input MAC Address (sometimes referred to as EUI code) and Installation Code provided by the device manufacturer. Device Type Text is a free text field allowing user to label a device. Device Type gives choices from a drop down menu.

An example of device data entry:

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ESI ID :
10089010

STREET ADDRESS :

 **PRINT**

Premise Information	24 hr Report	30 Day Report	13 Month Report	Current Read	HAN
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HAN Device Provisioning




MAC Address

Installation Code

Device Type Text

Device Type

*Only Smart Energy Public Profile Certified (SE) HAN Devices will provision/join. Non-SE devices will reject.

 **SUBMIT**
 **CLEAR SCR**
 **CANCEL**

With all fields complete, user will press the Submit push button. This screen will follow:

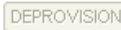
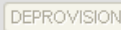
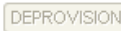
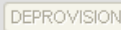
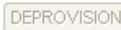
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ESI ID :
10089010

STREET ADDRESS :

 **PRINT**

Premise Information	24 hr Report	30 Day Report	13 Month Report	Current Read	HAN
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Device #	MAC Address	Device Type	Device Label	Status	Date Requested	Date Completed	
1	001BC4007001052B	In Home Display	Test Device 1	New	8/3/2009		
2							
3							
4							
5							

 **PROVISION**
 **MSG LOG**
 **REFRESH**

Row 1 is populated with the input data and status is listed as 'New', indicating a successful entry.

After clicking 'Refresh' or after exiting and re-entering the site (or tab), user will see status updated to 'Pending Provisioning', indicating the device's networking details (network keys) are being deposited in the AMS meter.

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ESI ID :
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 **PRINT**

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Device #	MAC Address	Device Type	Device Label	Status	Date Requested	Date Completed	
1	00011BC4007001052B	In Home Display	Test Device 1	PendingProvisioning	8/3/2009		<input type="button" value="DEPROVISION"/>
2							<input type="button" value="DEPROVISION"/>
3							<input type="button" value="DEPROVISION"/>
4							<input type="button" value="DEPROVISION"/>
5							<input type="button" value="DEPROVISION"/>


 **PROVISION**

 **MSG LOG**

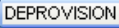

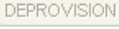
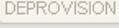
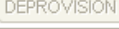
 **REFRESH**




Once the networking details/network keys are deposited in the meter, user will see status updated to 'Meter Ready'. A network is now ready to be formed between device and meter. Meter is in a 'ready' state. To form the network, device must be turned on by the HAN device user and prompted to connect to the meter.

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Device #	MAC Address	Device Type	Device Label	Status	Date Requested	Date Completed	
1	00011BC4007001052B	In Home Display	Test Device 1	MeterReady	8/3/2009		
2							
3							
4							
5							


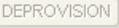

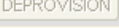
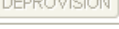
After a successful joining of the device to the meter, a network is formed and the status will change to 'Provisioned'. The 'Date Completed' field will indicate the time the device was joined.




Note: CenterPoint will pull event data from the AMS meter three times per day (at 8:00 a.m., 4:00 p.m. and Midnight). The 'Provision' event will be returned and subsequently displayed to the user soon after the next regularly scheduled pull.

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Device #	MAC Address	Device Type	Device Label	Status	Date Requested	Date Completed	
1	001BC50070000	In Home Display	Test Device 1	Provisioned	8/4/2009	8/4/2009	
2							
3							
4							
5							

After the next regularly scheduled data pull from the AMS meter, the steps in the provisioning process are reported as 'messages' in the Message Log (accessed through MSG LOG push button). The message log is a two part table, the top half showing Messages Delivered to the meter and the bottom half tracking HAN device events. In the example below, note the Successful status in the HAN event log.

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Message Delivered to Meter

MAC Address	Device Type	Device Name	Date/ Timestamp	Message Name	Message Description
1BC50070000	In Home Display	Test Device 1	8/4/2009	HAN Message	Message type: Messaging. Action: Transmitted. Status: Delivered.
1BC50070000	In Home Display	Test Device 1	8/4/2009	HAN Device Status Change	Device status changed from "Network Up" to "Registration Successful"
1BC50070000	In Home Display	Test Device 1	8/4/2009	HAN Device Status Change	Device status changed from "Not Registered" to "Network Up"

User HAN requests

Device Name	MAC Address	Device Type	Service Request Type	Request Submitted Time	Status of Request	Requestor
Test Device 1	1BC50070000	In Home Display	ProvisionHanDevice	8/4/2009	Successful	CNPV000158

DeProvisioning

While a device is in an active state, the portal will display a 'Deprovision' button adjacent to the row for each provisioned device. To deactivate/deprovision any device, click the corresponding push button. Once pushed, the system will display 'Pending Deprovision'. Shortly thereafter, the network keys will be removed from the meter and the device will be cleared from the list. That slot will then be opened for future provisioning.

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HAN

Device #	MAC Address	Device Type	Device Label	Status	Date Requested	Date Completed	
1	00011BC4007001052B	In Home Display	Test Device 1	PendingDeprovisioning	8/3/2009		DEPROVISION
2							DEPROVISION
3							DEPROVISION
4							DEPROVISION
5							DEPROVISION

PROVISION

MSG LOG

REFRESH