

Tenants Energy Billing (EcoStruxure)- Energy Hub

#####

Semsys

1. Contracts:

The Contracts screen displays a table of event types and their corresponding rates. The table has two columns: 'Name' and 'Event Types'. The first row shows 'Day Night' with 'Night, Day' as the event type. The second row shows 'HighPeak PartPeak OffPeak' with 'High Peak, Part Peak, Off Peak' as the event type. Below the table, there are three tabs: Event, Schedule, and Rate. The Rate tab is selected, showing a list of rates: High Peak, Part Peak, and Off Peak. Each rate has a 'Set as Default' checkbox and a 'Delete Event' button.

Name	Event Types
Day Night	Night, Day
HighPeak PartPeak OffPeak	High Peak, Part Peak, Off Peak

Event Schedule Rate

Contract Name	Event Types
	HighPeak PartPeak OffPeak

Add Event Delete Event Delete Event Delete Event

Rate	Set as Default	Action
High Peak	<input type="radio"/>	Delete Event
Part Peak	<input type="radio"/>	Delete Event
Off Peak	<input checked="" type="radio"/>	Delete Event

The Tenants screen displays a table of tenant information. The table has five columns: Name, Building, Suite, Start Date, and End Date. There are three rows of data: Acme Inc (Building: Megaspace, Suite: 1001, Start Date: 04/02/2016, End Date: 24/08/2017), VeriNext (Building: Megaspace, Suite: 1000, Start Date: 22/09/2016, End Date: 23/08/2018), and NextEnt (Building: Megaspace, Suite: 1002, Start Date: 17/08/2016, End Date: 23/08/2018). Each row has a 'Delete' button in the last column. A message at the top right says 'Press Esc to exit full screen'.

Name	Building	Suite	Start Date	End Date
Acme Inc	Megaspace	1001	04/02/2016	24/08/2017
VeriNext	Megaspace	1000	22/09/2016	23/08/2018
NextEnt	Megaspace	1002	17/08/2016	23/08/2018

Press Esc to exit full screen

2) Meters :

Meters

Name	Meter Type	Serial No.	Contract	
Suite 1002 water	Water	WM123		
Suite 1000 power	Power	P123	Day Night	
Suite 1001 electricity	Electricity	E123	HighPeak PartPeak OffPeak	

Type of Meter: Power

Meter Unit: kW

Meter Name: Suite 1001 electricity

Serial No.: E123

History: history/SCP1_28/PM1\$2!kWhSystemNet

Save

Suite 1000 gas	Gas	G123	Day Night	
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3) Tenants :

Tenants

Name	Building	Suite	Start Date	End Date	
Acme Inc	Megospace	1001	04/02/2016	24/08/2017	

General **Meter**

Name: Acme Inc

Building Name: Megospace

Suite: 1001

Address: 200 Main St. Oakland CA

Area: 1050

Phone No.: 7033406884

Email: john.doe@acme.com Auto Email

Start Date: 04/02/2016 End Date: 24/08/2017

Billing Frequency: Monthly

Regenerate Bills **Save**

4) Billing :

The screenshot shows a web-based energy management system interface. At the top, there are navigation tabs: Contracts, Meters, Tenants, Billing (which is highlighted in blue), and Chart. Below the tabs, there are dropdown menus for 'Contracts' (set to 'Megaspace'), 'Tenants' (set to 'Acme Inc'), and a date range ('15-09-2016 to 14-10-2016').

The main content area displays a table titled 'Billing Charges' with the following data:

Item Name	Quantity	Units	Unit Price	Units	Price
Facility Charge	-	-	\$10.00000	-	\$10.00
High Peak	1,126.74	kWh	\$0.80000	\$/kWh	\$901.39
High Pk Energy Charge	1,126.74	kWh	\$0.11000	\$/kWh	\$123.94
High Pk Fuel Cost Adj	1,126.74	kWh	\$0.04000	\$/kWh	\$45.07
Part Peak	939.05	kWh	\$0.70000	\$/kWh	\$657.33
Part Pk Energy Charge	939.05	kWh	\$0.09000	\$/kWh	\$84.51
Part Pk Fuel Cost Adj	939.05	kWh	\$0.03000	\$/kWh	\$28.17
Off Peak	4,088.68	kWh	\$0.50000	\$/kWh	\$2,044.34
Off Pk Energy Charge	4,088.68	kWh	\$0.07000	\$/kWh	\$286.21
Off Pk Fuel Cost Adj	4,088.68	kWh	\$0.00000	\$/kWh	\$0.00
Net Total					\$4,180.97
City Taxes	-	-	5.0	%	\$209.05
State Surcharge	-	-	1.0	%	\$41.81
Total					\$4,431.83

5) Charts

Contracts Meters Tenants Billing Chart

Select Meters

- Suite 1002 water
- Suite 1000 power
- Suite 1001 electricity
- Suite 1000 gas

Last 24 Hours

- Today
- Last 24 Hours
- Yesterday
- Week-To-Date
- Last Week
- Last 7 Days
- Month-To-Date
- Last Month
- Year-To-Date
- Last Year
- TimeRange

30/08/2017 to 31/08/2017

Excel



SETTING :

The screenshot shows a user interface for managing system settings. At the top, there is a navigation bar with five tabs: Contracts, Meters, Tenants, Billing, and Chart. Below the navigation bar, there are three main configuration sections:

- Currency Setting**: A dropdown menu set to "dollar (\$)".
- Logo Setting**: A file input field containing "logo.png", with a "Browse" button.
- Email Settings**: A table with the following rows:

Host Name	smtp.gmail.com
Port	465
Account	dvphadnis@gmail.com
Password *
Use SSL	true

eFACiLiTY

Modules			
Maintenance Management  Assets, Maintenance Policies, Work Orders, Inventory »	Helpdesk & Knowledgebase  Requests, Problems Processing, SLA, Knowledgebase »	Space Management  Plan and Manage Space Occupancy »	Facility Booking  Book Meeting/ Conference Rooms, Invite Attendees, Order Catering »
Time and Attendance  Roster, Leave Management and Clock-In/Out Exceptions »	Visitor Management  Visitor Sign-in, Badge Printing, Tracking »	File/Drawing Management  Floor Plans, Wiring Diagrams, Documents, User Manuals »	Tenant Billing System  Manage Tenants, Meter Readings, Billing, Collections »
	Administration Functions  Global Configuration, Custom Report/KPI Builder »	Energy Dashboard  Energy Utilization Tracking, Projections and Cost Savings »	BMS / BAS Integration  Process Alarms and Generate Work Orders »
Mail Room Services  Tracks Incoming and Outgoing Consignments »	Project Management  Project Planning and Time Sheet Tracking »	Work Flow Engine  Create and Customize Work Flows »	EAM Mobile  Asset Validation, Work Orders Processing, Inspection and Readings »

- Is providing Pre paid metering.
 - eFACiLiTY® is a web-based application that supports both On-premise & On-cloud deployment.

Tenant Billing System – Key Features

- Tightly integrates with popular BAS/BMS systems, Smart Meters through direct BACnet/Modbus protocols and IoT meters
- Manage property, tenant/owner, lease and contract information
- Tenant move-in, move out, subscriptions
- Set up utility wise / slab wise billing rates
- Set up tenant/property wise fixed charges, monthly rentals, maintenance fee, etc.,
- Calculate customer sales based concessionaire charges
- Captures the utilization of services/utilities by tenants manually or automatically
- Option to manually import the readings and capture readings using a mobile app
- Bill generation and mass emailing / printing
- Common area utilization tenant wise apportioning and provision to capture charges for ad-hoc services
- Tenant payments, expenses, and credit notes tracking
- Automatic calculation of yearly escalations on rentals and other charges
- Bill registers, tenant ledgers, receivables statement
- Bill wise matching of payments and credit notes
- Occupancy / vacancy & payment status analysis
- Reminders for lease contracts nearing expiry
- Integrates with other financial applications
- Display consumption patterns, energy savings, ca Need Help? [Chat with us](#) on the bills to create more awareness with the tenants



Clients :

- eFACILITY® powers the tenant utility billing at Dubai Airport Terminal 3
- Mumbai Metro -The Metro Rail Service of Mumbai implements eFACILITY®

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Accuenergy Ltd

The screenshot shows the dashboard of the Accuenergy AXM-WEB2 Built-in Web Interface. The top navigation bar includes links for 'Logout' (1:26 PM -0400 10 Jun, 2019), 'About', 'Settings', and 'AXM-WEB2'. The logo for 'ACCUENERGY' is also present. The main dashboard area is divided into several sections:

- Basic Metering:**

Average Voltage	118.168 V
Average Line Voltage	0.000 V
Average Current	59.657 A
Frequency	59.990 Hz

[Full Report](#)
- Power & Energy:**

Total Power Factor	0.618 PF
Total Active Power	13.183 kW
Total Apparent Power	21.335 kVA
Import Active Energy	77246.102 kWh

[Full Report](#)
- THD:**

THD Voltage Average	3.100 %
THD Current Average	110.570 %

[Full Report](#)
- Max Demand:**

Maximum Apparent Power Demand	46.400 kVA
Maximum Active Power Demand	30.400 kW

[Full Report](#)

At the bottom left, a note states: "Module up since Mon Jun 10 2019 09:25:22 GMT-0400 (Eastern Daylight Time)".

Logout 1:28 PM -0400 19 Jun, 2019 About Settings ARM-WDDZ ALLUSONICS

Communications Management Network Diagnostic Module Firmware Config Management

Save

Device Description

note: maximum 15 characters

Voltage Wiring

3LN -Three Phase Four Wire Y --- Compatible with 3CT only

Current Wiring

3CT --- Compatible with 2LL, 3LL & 3LN only

PT1

400

Default 400, Range 50-1,000,000

CT1 unverified change

500 1

Default 5, Range 1-50,000

PT2

400

Default 400, Range 50-400

CT2

5A

Realtime Reading

Primary Secondary

I A Direction

Positive Negative

I B Direction

Positive Negative

I C Direction

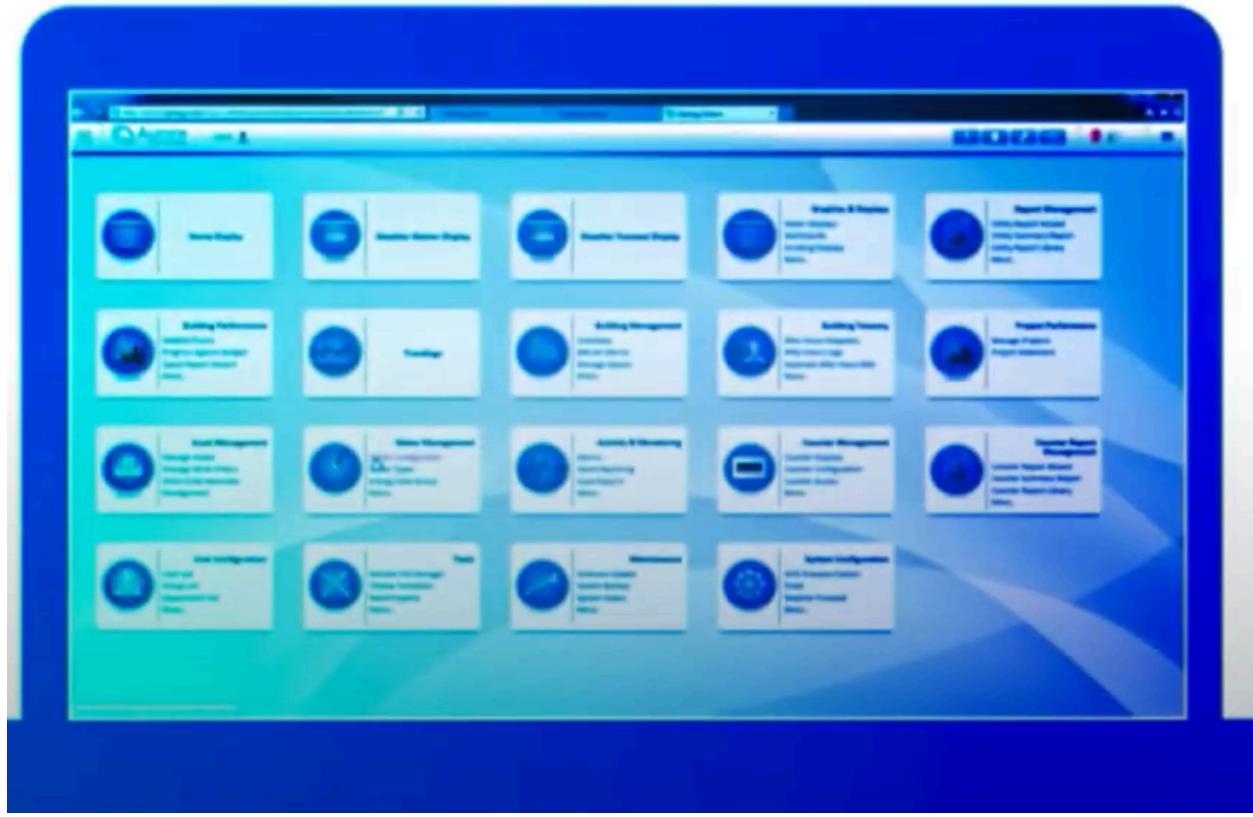
Positive Negative

Save

Change some settings and select Reboot Later

#####

Optergy



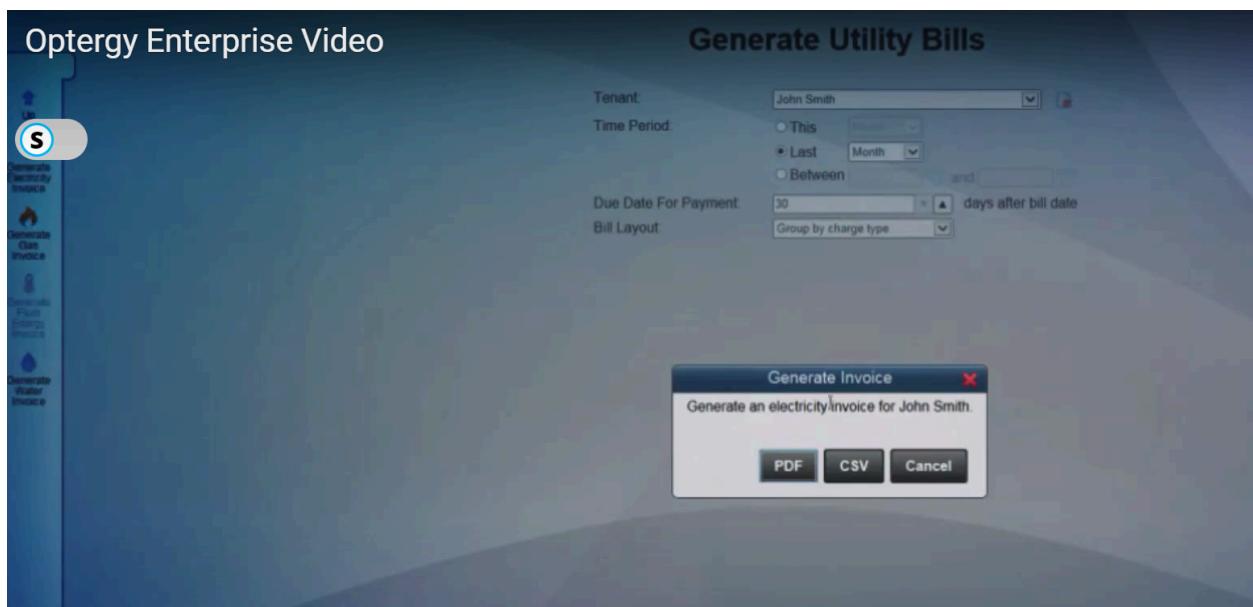
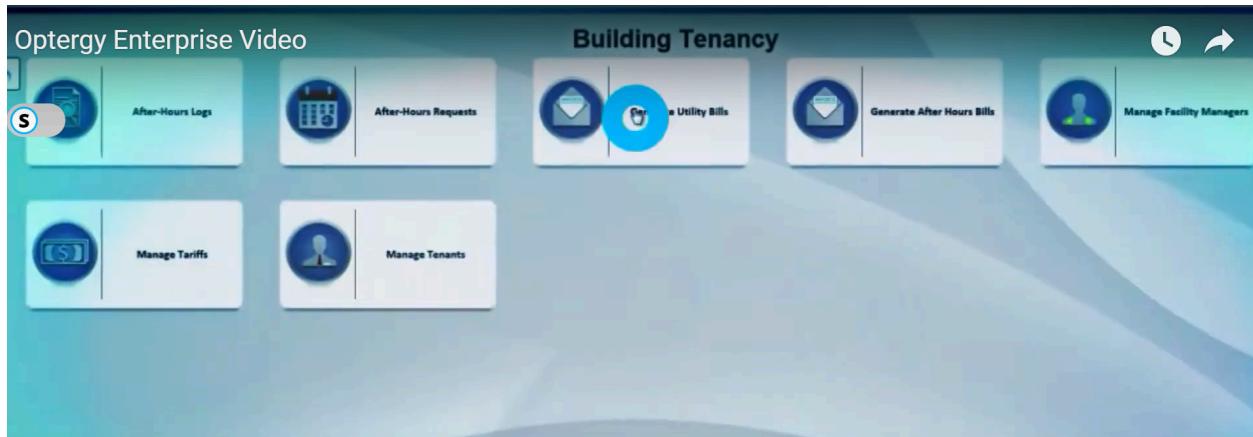
Adding Meter :

The screenshot displays the Optergy Enterprise Video software interface, specifically the Meter Management module. The top navigation bar includes the Optergy logo, a search bar, and various menu items such as Home, Reports, Dashboards, and Help. Below the navigation bar, the main content area is titled "Meter Management". The interface is organized into a grid of 12 cards, each representing a different feature or configuration option:

- Add Physical Meter
- Custom Meter Points
- Energy Data Access
- Energylog Data Entry
- Gas MJ Conversion Factors
- Meter Alarms
- Meter Alarm Notification Settings
- Meter Configuration
- Meter Hierarchy
- Meter Status
- Meter Types
- Energylog Management

Each card contains a small icon representing its function and a brief description.

Billing Part:





Energy Invoice

Electricity Account

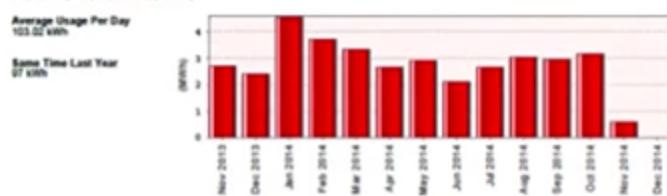
Mr John Smith
Mr Community
Australia

Tax Invoice	
Issue Date:	11/11/2014
Total Amount Payable:	\$788.84
Due Date:	11/12/2014
Total Amount Payable After Due Date:	\$800.84

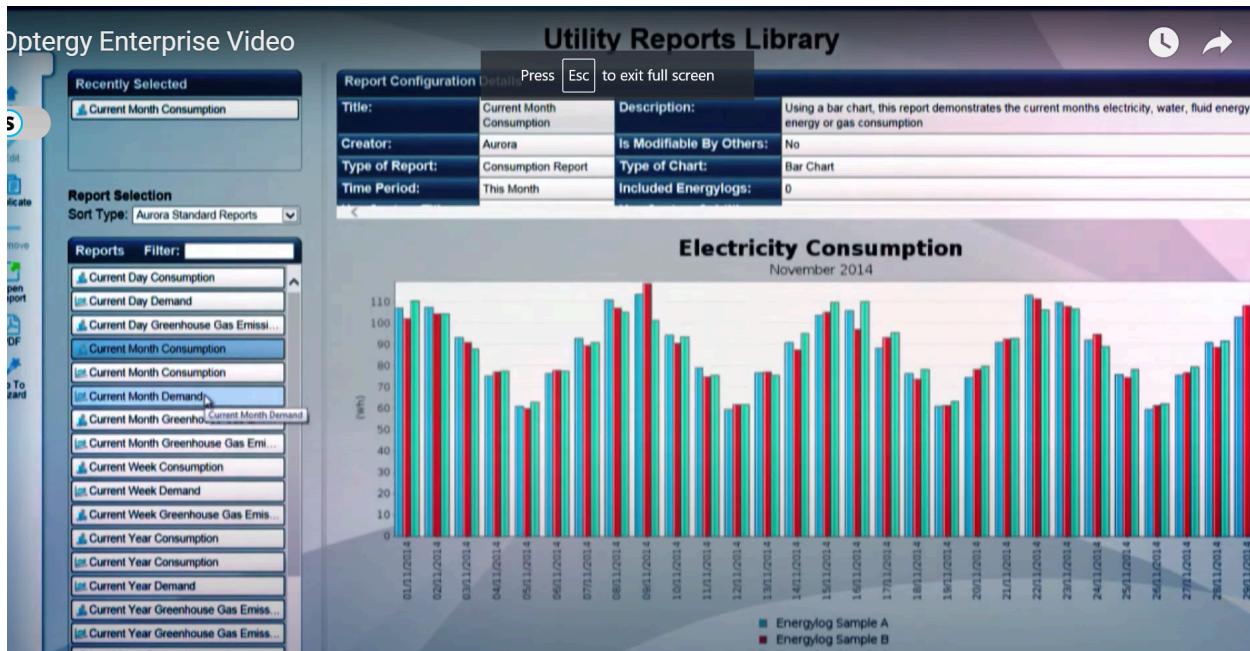
Meter Summary

Meter	Days Covered By Invoice	Previous Reading	Current Reading	Usage
Test meter (1234)	31 days	Not Available	Not Available	Not Available
Mechanical Plant (1234)	31 days	140,167.8 kWh 01/10/2014 12:00 AM	143,361.4 kWh 01/11/2014 12:00 AM	3,193.6 kWh

Your Overall Picture



Utility Report :



Electricity Consumption :

