

Tower  Xchange

# Meetup Europe

## **affectli TowerCo Billing**

The world's first fully user customisable  
Low Code / No Code TowerCo billing system

# Affectli TowerCo Billing

**Maximise Revenue**  
**Accurate Data**  
**Effective cost management**  
**Real-Time insights**  
**Bill new technology**  
**Total flexibility for Sales Teams**

# Affectli TowerCo Billing

## Features

- Bill almost anything that provides usage data e.g. RMS
- Unlimited Tariffs per customer, site, or even per asset
- Tariff Bundles
- Unlimited discount configurations
- OOTB prebuilt TowerCo billing models
- On-Prem or SaaS

# Affectli TowerCo Billing

## 00TB RMS Real-Time Billing Models:

- Power billing
- Sensor as a Service
- vRAN sharing (Data, Resource, QoS, Session etc)
- Power Sharing (Vehicle Charging)

Most RMS data can be automatically converted into RMS Data Records (RDR's)

# Affectli TowerCo Billing

## 00TB Non RMS Billing Models:

- Tower Space
- Hosting/Storage Space
- Irregular meter reading duration
- Estimated Monthly averages
- Diesel litres
- Fixed/Mobile generator rating
- Split per Tenant/Asset
- Standing charges

# Affectli TowerCo Billing

Integrates with anything that has an API:

- Salesforce
- SAP
- MS Dynamics
- ServiceNow
- Tarantula
- Nexsysone
- SiteTracker
- Atrebo etc.

# Affectli TowerCo Billing

## Summary

- **Totally business user configurable (Low Code/No Code)**
- **OOTB TowerCo billing models**
- **Speed to market of new products and services**
- **Flexible tariffs and rating models**
- **Bill any type of usage data**
- **Built in integrations**

# Affectli Billing for TowerCos: Overview

The screenshot displays the Affectli software interface, divided into two main panels. The left panel, titled "Entities", shows a network diagram for "Site\_MYS\_001 #a5b7130c". The diagram includes various components such as "RTU\_MYU\_001 (1)", "BTS 1 (1)", "Tower Tenant 2 (4)", "Rectifier 1 (1)", "Rectifier 2 (1)", "Generator 1 (9)", "Solar Batteries (1)", "Battery 1 (2)", and "Grid Power Site MYS\_001 (3)". The right panel, titled "Classes", lists several billing reports under the heading "Tower Tenant 2". Each report has a "LIVE REPORT" link and an edit icon.

Class Name	Report Type	Action
Consumption Dashboard		
Site Billing Summary	LIVE REPORT	Edit
Site Power Billing Report	LIVE REPORT	Edit
Site Space Billing	LIVE REPORT	Edit
Site Power Source Distribution	LIVE REPORT	Edit
Customer Billing Summary	LIVE REPORT	Edit
Site Call Volumes Billing	LIVE REPORT	Edit



# Affectli Billing for TowerCos: Customer Billing

The screenshot shows the Affectli web interface for configuring billing rules. The breadcrumb path is "OperCo Billing Rules: Power / T\_Power\_SC". The configuration is for "OperCo TowerCo Ltd (37dae5f2)".

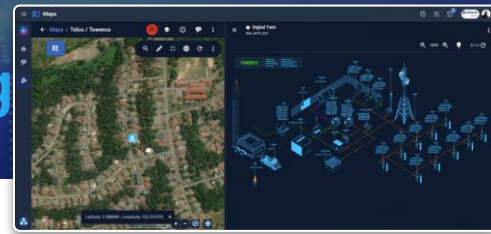
- Billing Currency:** USD
- Power Consumption:**
  - Site type:** Small Cell
  - Roof Top**
  - Ground based Tower**
  - DAS/IBS** (highlighted by a mouse cursor)
  - COW**
- Std Charge per kWh:** 0,14

Each configuration item has a close button (X) in the top right corner. A "SAVE" button is located in the top right corner of the main configuration area.

# Affectli Billing for TowerCos: Data Sources

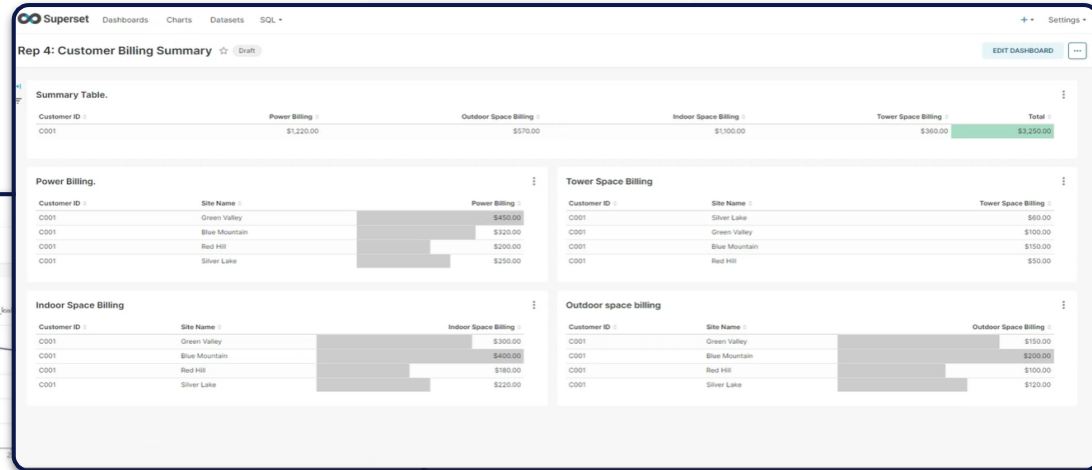
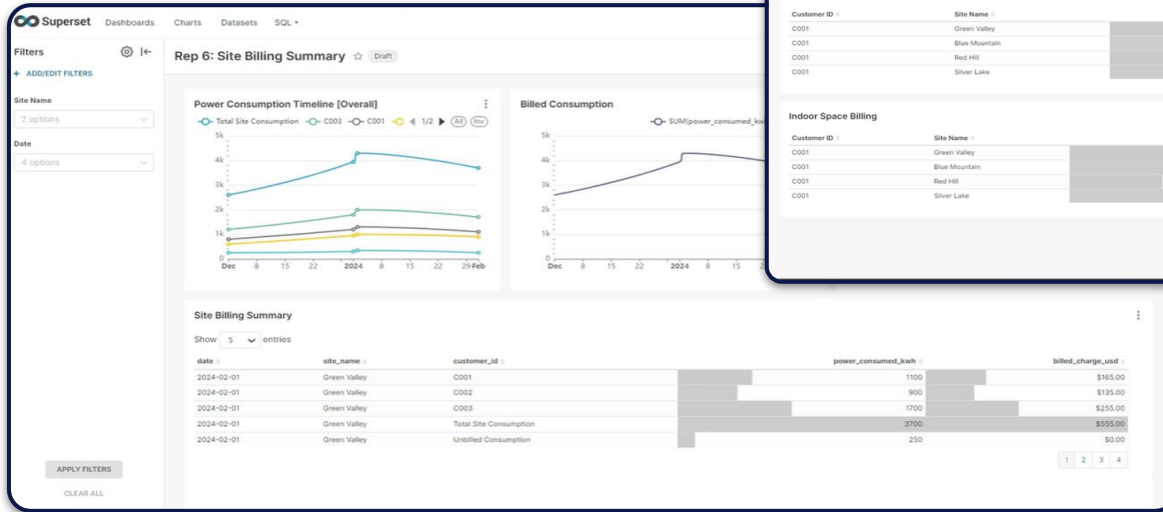
The screenshot displays the Affectli digital twin interface, divided into two main panels. The left panel, titled 'Entities', shows a 'Relationships' view for 'Site\_MYS\_001 #a5b7130c'. It lists several checked relationships: 'People Responsible for Site', 'Related Task', 'Site has Tenant', 'Site has power sources', and 'Site has RTU'. A diagram below shows a central node 'RTU\_MYU\_001 (1)' connected to other entities like 'Battery\_1 (2)', 'Solar Batteries (1)', and 'Grid Power\_Site\_MYS\_001 (2)'. The right panel, titled 'Digital Twin RTU\_MYU\_001', provides detailed parameters for the selected RTU. It includes 'RTU PARAMETERS' such as 'RTU MAC Address: 18-03-c4-04-79-c9' and 'RTU SITE ID: 607099'. Below this, there are tabs for 'RTU 01' through 'RTU 03' and an 'RTU All' button. The main content area contains several data tables: 'RTU PARAMETER TABLE', 'POWER', 'RECTIFIER', and a grid of 'BATTERY' tables (BATTERY 01 through BATTERY 06). Each table lists various parameters and their values.

# Affectli Billing for TowerCos: Granular Billing



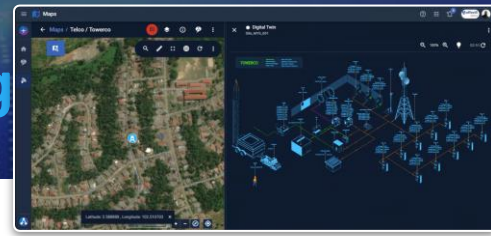
Executive Dashboards & Granular Billing with real-time information is included and covers various levels of details i.e:

## Site Billing Summary



## Customer Billing Summary

# Affectli Billing for TowerCos: Granular Billing



## vRAN Site Call Volumes Billing

Superset Dashboards Charts Datasets SQL

Rep2: Site Call Volumes Billing

Site Call Volumes Billing Details

time	site_name	customer_id	calls_made	cost_usd	rate \$
2024-02-01	Blue Ridge	C001	42	1.26	0.03
2024-02-01	Blue Ridge	C002	3	0.09	0.03
2024-02-01	Blue Ridge	C003	70	2.10	0.03
2024-02-01	Green Valley	C001	45	1.35	0.03
2024-02-01	Green Valley	C002	38	1.14	0.03
2024-02-01	Green Valley	C003	80	2.40	0.03

Superset Dashboards Charts Datasets SQL

Rep3: Site Space Billing

Site Space Billing

time	site_name	customer_id	space_used_sq_ft	cost_usd	rate \$
2024-02-01 00:00:00	Site Alpha	C001	1000	300	0.30
2024-02-01 00:00:00	Site Alpha	C002	200	60	0.30
2024-02-01 00:00:00	Site Alpha	C003	2000	600	0.30
2024-02-01 01:00:00	Site Alpha	C001	1000	300	0.30
2024-02-01 01:00:00	Site Alpha	C002	200	60	0.30
2024-02-01 01:00:00	Site Alpha	C003	2000	600	0.30

## Site Space Billing

## Site Power Billing

Superset Dashboards Charts Datasets SQL

Rep1: Site Power Billing

Site Power Billing 1

time	site_name	customer_id	power_consumption_kwh	cost_usd	rate \$
2024-02-01 00:00:00	Green Valley	C001	100	10.0	0.10
2024-02-01 00:00:00	Green Valley	C002	25	2.5	0.10
2024-02-01 00:00:00	Green Valley	C003	200	20.0	0.10
2024-02-01 01:00:00	Green Valley	C001	100	10.0	0.10
2024-02-01 01:00:00	Green Valley	C002	80	8.0	0.10
2024-02-01 01:00:00	Green Valley	C003	275	27.5	0.10

Superset Dashboards Charts Datasets SQL

Rep5: Site Power Source Distribution

Site Power Source Distribution

time	site_name	grid_percentage	generator_percentage	seller_percentage	battery_percentage	total_utilization_percentage	site_status
2024-02-01 00:00:00	Green Valley	50	20	20	10	100	Operational
2024-02-02 00:00:00	Green Valley	45	25	15	15	100	Operational
2024-02-01 00:00:00	Blue Mountain	60	5	10	25	100	Operational
2024-02-01 00:00:00	Blue Mountain	55	10	15	20	100	Operational
2024-02-01 00:00:00	Blue Mountain	5	0	0	0	0	Down
2024-02-01 00:00:00	River Side	30	20	15	35	100	Operational
2024-02-02 00:00:00	River Side	25	25	20	30	100	Operational
2024-02-03 00:00:00	River Side	30	20	40	10	100	Operational

## Site Power Source Distribution

# affectli TowerCo

## Billing

Tower  Xchange

## Meetup Europe

Meet the  
team at  
Booth A11

