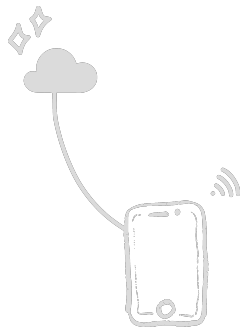# Qube

Smart Energy Metering

About Us

We enable building owners to automatically collect electricity bill payments from their tenants.

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Issues building owners faces

Insufficient funds for month-end electricity bill payments

Hospitality businesses often struggle to cover electricity bills by month-end, risking service disruptions and financial strain

Manually recording & collecting electricity bills

The manual process of collecting energy bills from individual tenants is time-consuming, error-prone, and lacks efficiency, leading to delays and administrative burdens.

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Issues building owners faces

Recovering Common Area Charges

Building owners face hurdles in fairly distributing and recouping electricity costs for shared spaces, often leading to financial imbalances and resident dissatisfaction.

Lack Of Transparency

Without transparent billing, tenants often hesitate to pay for their energy usage, fearing they may be overcharged, which disrupts trust and cash flow.

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Issues building owners faces

Recovering Diesel Generator fuel cost

Building owners struggle to track and bill diesel generator usage accurately, making it difficult to reimburse these additional energy expenses and collect proper charges from their tenants.

Recording and Reconciliation

Building managers find it challenging to maintain accurate energy usage records & payment collection daily leading to inefficiencies and potential errors in operations and reporting.

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Issues building owners faces

Lack of permanent records

The lack of a reliable system for maintaining energy consumption records complicates financial tracking and audit processes, risking inaccuracies and disputes.
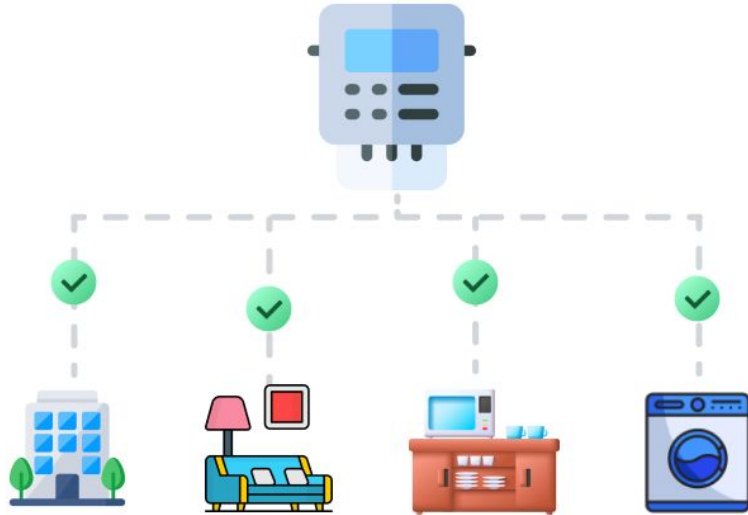
Multiple properties, Multiple locations

Collecting & managing monthly energy usage & billing process for multiple buildings at different locations requires significant effort and can lead to oversight and administrative challenges.

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Solution?

Smart Sub Meter

Qube's smart meters are like standard home sub-meters, can be easily retrofitted to monitor any load.

Building ✓   Common Kitchen ✓

Rooms ✓   Washing Machine Area ✓

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Connects via WiFi / Cellular

All our meters connect to the property's existing WiFi / Cellular network.

No additional wiring is needed to set up the communication for prepaid metering system.

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Installation with local electrician

Our meters are so simple to install that any local electrician can do it in 10 minutes.
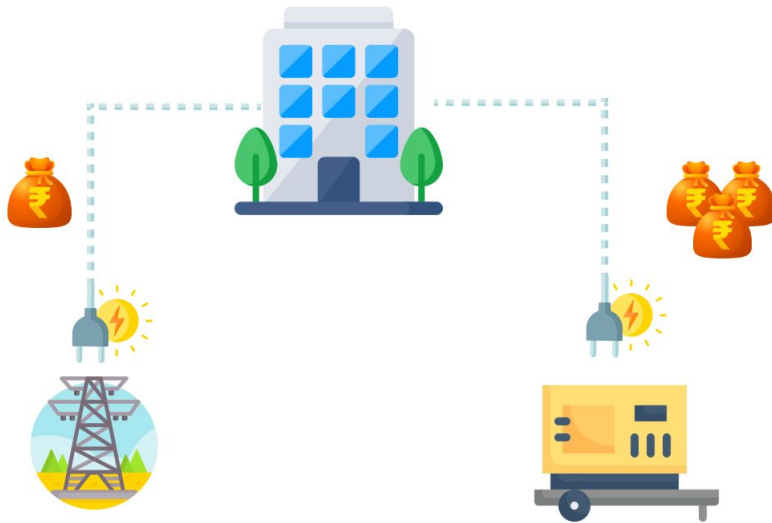
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On Device billing

Billing occurs within the meter itself.

So even if the network disconnects, the meter continues to bill the tenant as per their consumption.

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Charge more for Diesel Generator

Our meters automatically detect if the property is running on DG and starts charging higher tariff to the tenants.

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Every bit energy used in your building is accounted for.

Take your bill collection efficiency close to 100%.

1. Using Discom Power ✅

2. Using Diesel Generator / Inverter ✅

3. Common Area (Lift, Pump, Lights, Kitchen, etc) ✅

4. Individual Rooms ✅
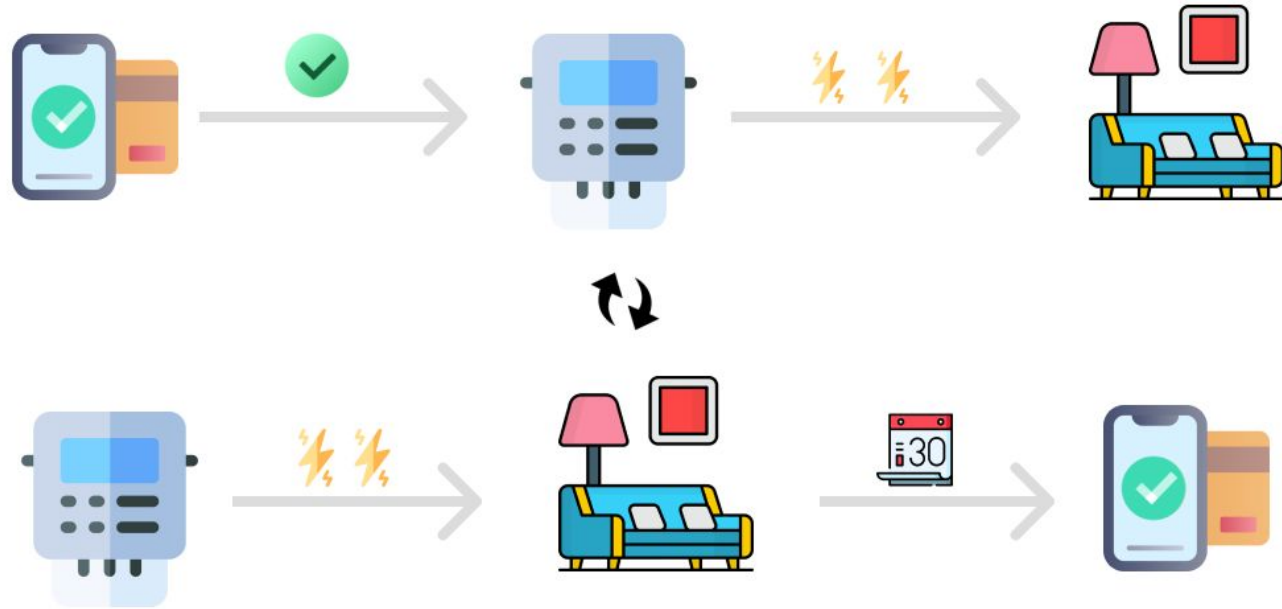
Qube
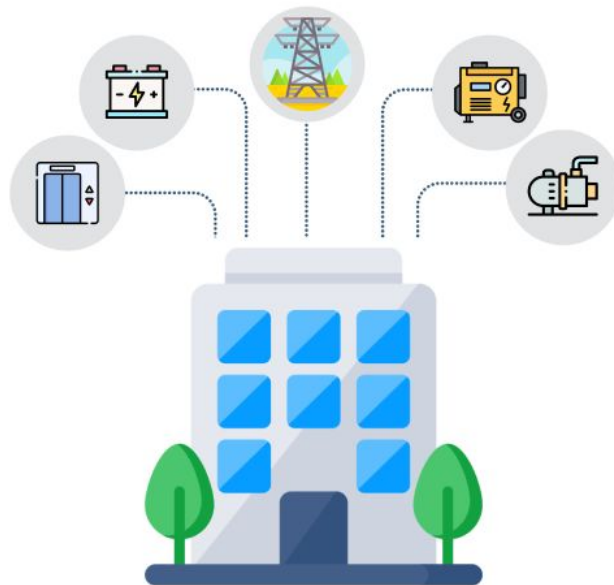
Tenants pay first, use energy later

Everything is **prepaid**, tenants pay first and then use energy later.
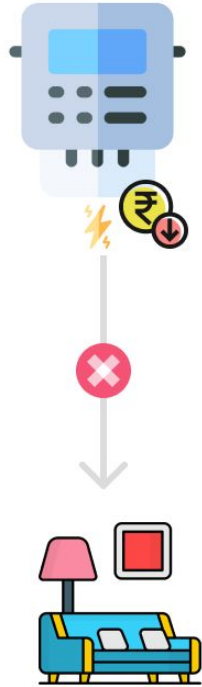
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Switch between prepaid & postpaid

Our meters can run in either Prepaid or Postpaid mode. Using postpaid mode, you can collect your pending bills at the end of the month.

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Control power output

If a room is vacant, you can disconnect power to ensure there is no wasted energy and money.

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Happy Hours

Happy Hour
01:00 AM - 04:00 AM

To prevent late night discomfort, we provide happy hours, which prevent power from being disconnected to the room even if the balance is zero.

The balance keeps on going in negative, this amount is later recovered in the next recharge by the tenant.
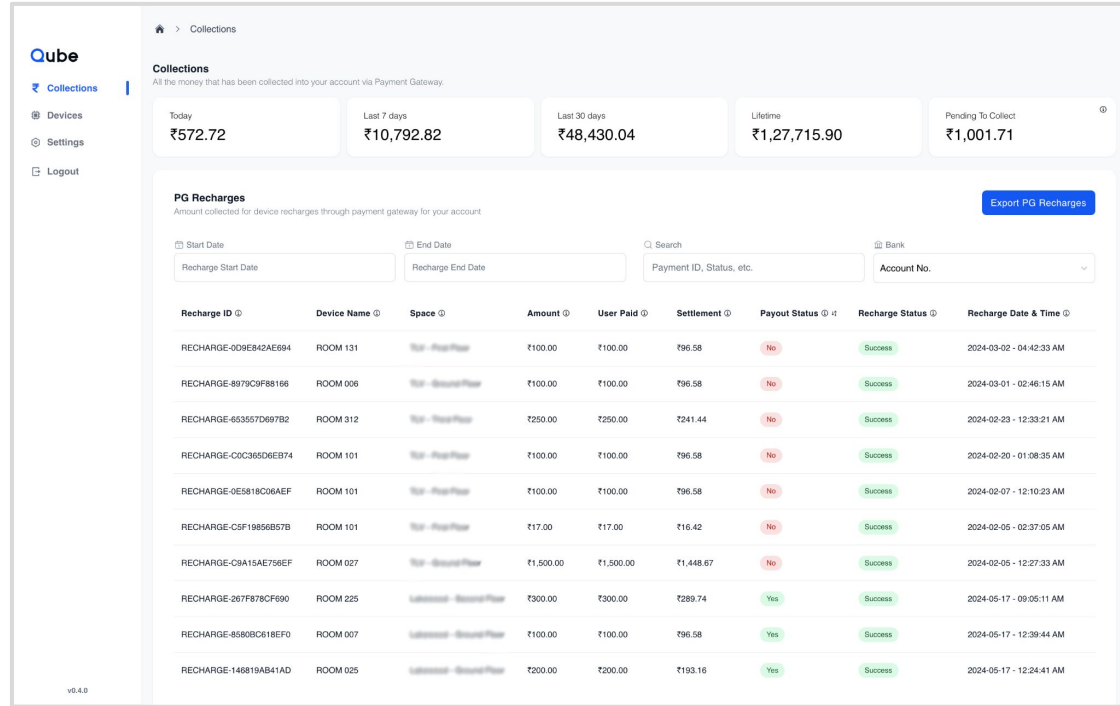
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Happy Days

Happy Days

CALENDAR

On special occasions, you don't want to cut off power to the room. For these days, we've built happy days, it won't disconnect power to the room for the entire day.

Although it silently keeps tracking how much energy has been used.

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Collect, Record, Settle & Reconcile

One dashboard enables you to track all payments, see bank settlement status and get reconciliation statements!

Simple QR based Recharge

Default WiFi Credentials for the Smart Meter
SSID: qube | Password: 12345678 | Band: 2.4 GHz

Scan To View & Recharge Your
Smart Energy Meter

Flat F3 - Prepaid (QUBE-ONE-3039)

Flat F3

Qube
App Enabled Smart Energy Meter
www.qube.eco

© Plutodale Ventures Private Limited
WeWork Latitude, 10th Floor
RMZ Latitude Commercial, Hebbal, Bangalore - 560024

Each meter has a unique QR code which can be scanned by a tenant to recharge their smart meter.
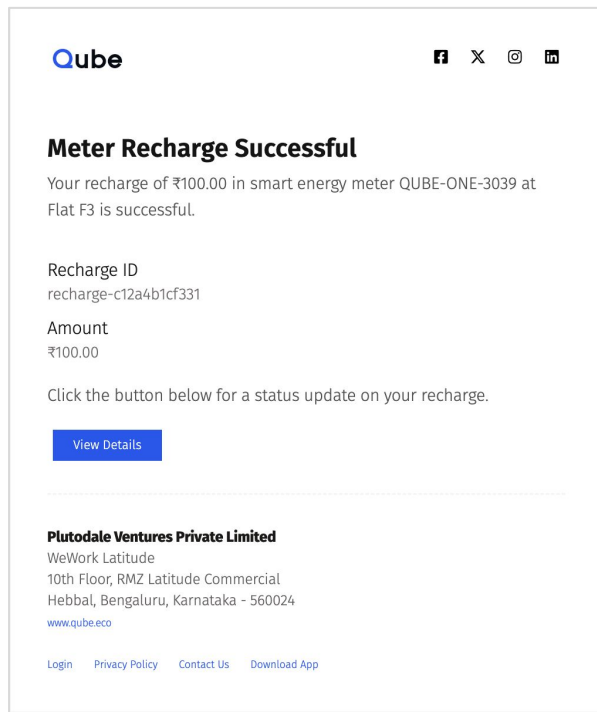
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Simple recharge process
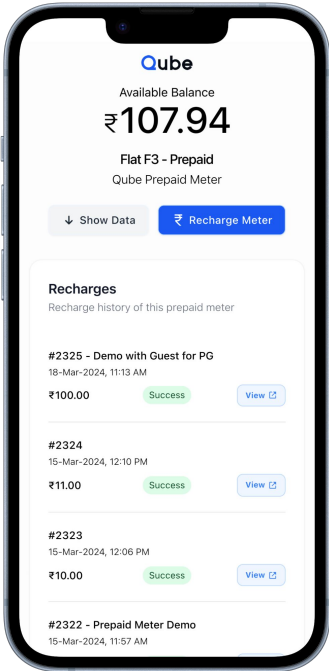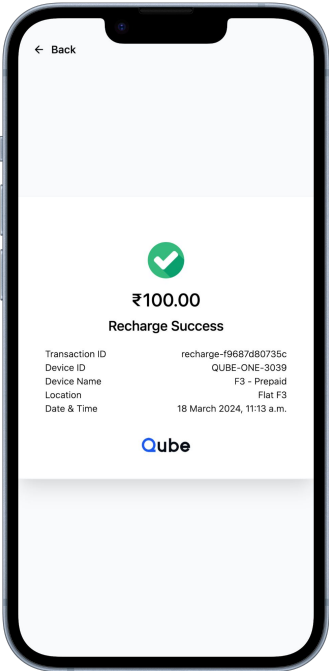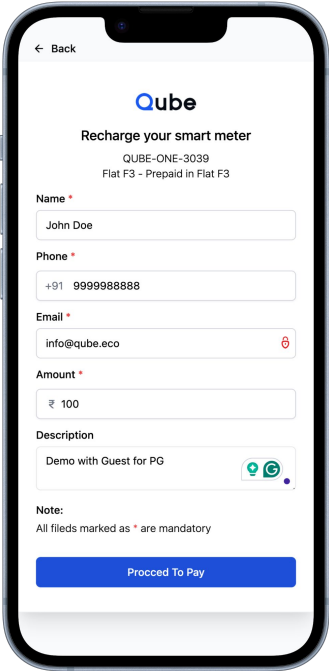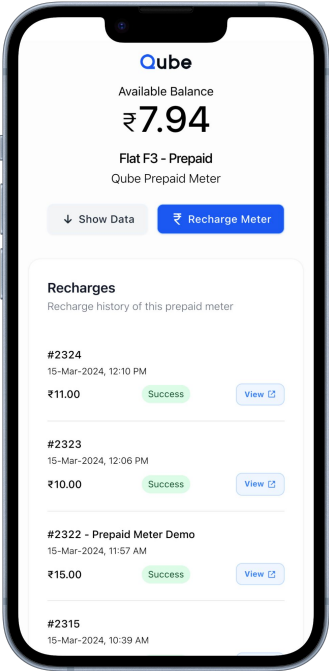
Recharge your meter in under 30 seconds with our simple 2-step process

Email notifications

Once your tenant has recharged, they also get an email notification

How long will my balance last?

We analyze energy consumption patterns and tell tenants how long will their balance last for.

Transparency
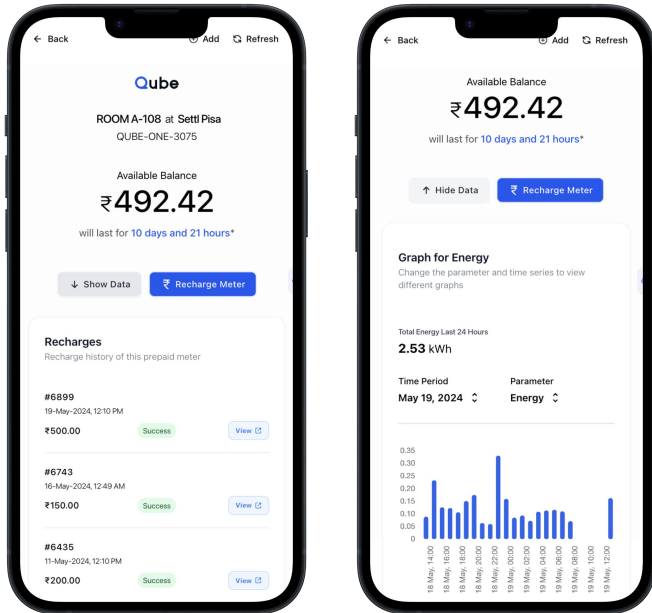
Tenants can monitor their energy consumption, balance and look for recharge history just by scanning QR code.

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Multiple Properties, One Dashboard

View & manage all your buildings across multiple locations from one dashboard

Automatic Deductions

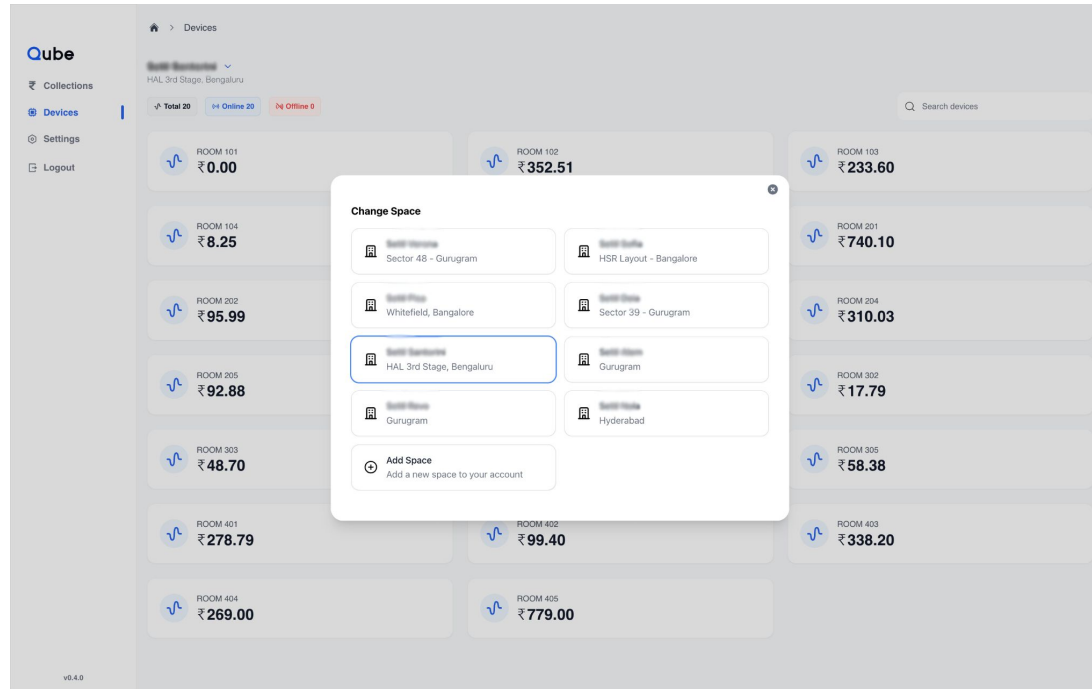|	
#3347 – Recharge through PG 16-May-2024 04:12 PM	**₹ 300.00**
#3311 – Common Area Charge for 15th May 2024 16-May-2024 12:03 AM	**- ₹ 10.43**
#3236 – Common Area Charge for 14th May 2024 15-May-2024 12:02 AM	**- ₹ 10.30**
#3147 – Recharge through PG 14-May-2024 08:36 AM	**₹ 100.00**
#3112 – Common Area Charge for 13th May 2024 14-May-2024 12:02 AM	**- ₹ 10.11**
#2907 – Common Area Charge for 12th May 2024 13-May-2024 12:02 AM	**- ₹ 10.23**
#2870 – Common Area Charge for 11th May 2024 12-May-2024 12:01 AM	**- ₹ 11.01**

Our system automatically deducts common area charges from individual meters periodically

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Speedy & Efficient

Everything we just mentioned happens in real time.

- Meter syncs with our server every **5 seconds**

- All devices switch to DG Tariff in **10 seconds**

- Recharge your meter in under **30 seconds**.

- Each device only consumes approx. **0.3 MB/day**

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Key Features

Our energy management solutions provide easy-to-use tools for monitoring and controlling electricity use, simplifying billing for homes, businesses, and industrial properties, and improving overall energy efficiency in a user-friendly package.

Single & Three Phase Multifunction meter

WiFi Enabled

Secure encrypted communications

Real time data

Class 1.0 Accuracy

Prepaid / Postpaid

Share device readings with sharable links

IS 13779 complaint

Load control (relay) to control power

OTA Update Ready

Historical data stored on server

API integration

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Comparison

Benefits	Other Meters	Qube Meters
Monitors Energy Consumption	✓	✓
Online Bill Collection & Historical Data Storage	✗	✓
Check your real time power/energy from anywhere on any platform	✗	✓
Control your meter from anywhere (Switch on/off)	✗	✓
Get analytics on your daily usage	✗	✓
Get alerts on abrupt high usage	✗	✓
Use as prepaid/postpaid	✗	✓
Share your meter readings with anyone	✗	✓

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How we do it?

Web Dashboard

Mobile App

API
Platform

Cloud
Infrastructure

Devices generating data
& communicating over network

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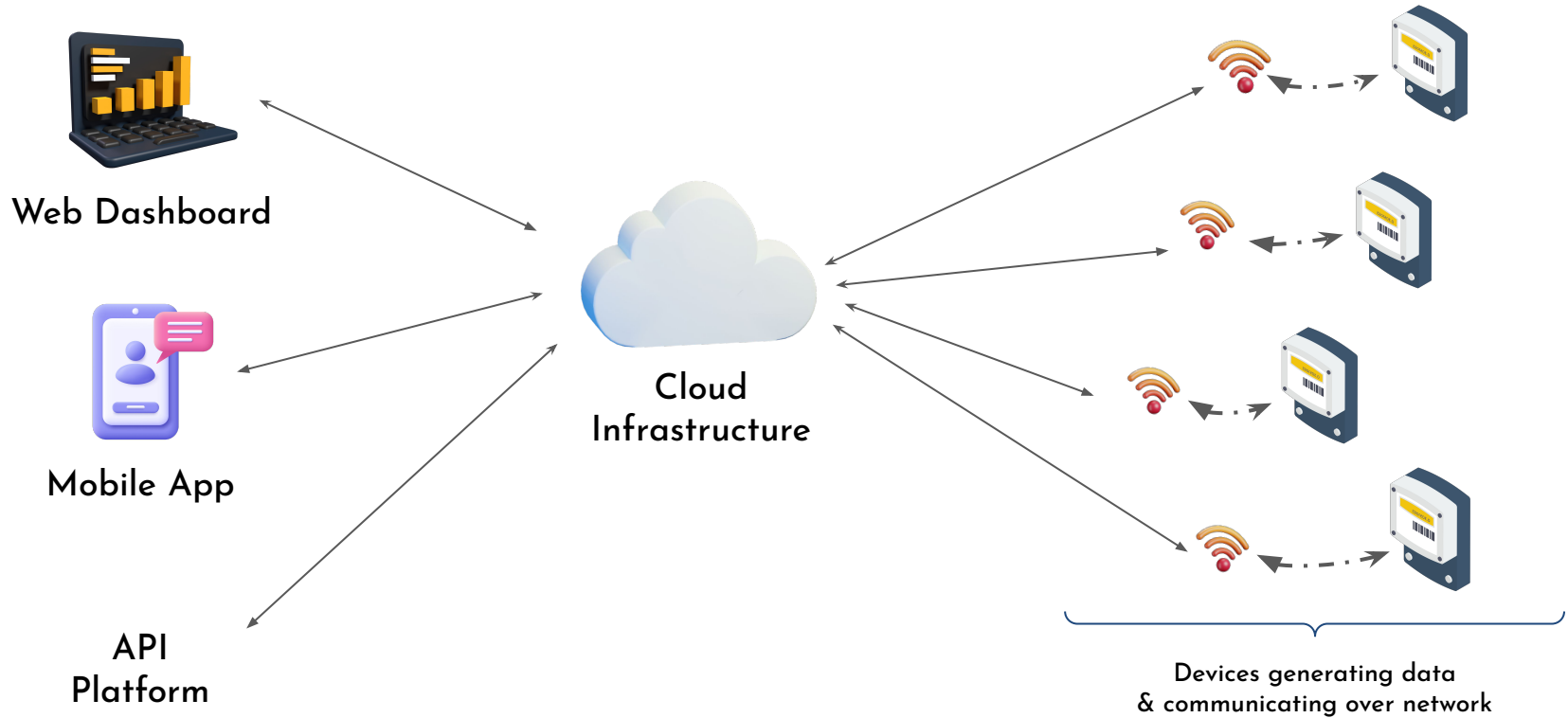
Success Stories

The Settl
Automatic Energy Bill Collection

Efficient Electricity Billing Process

Reducing the billing cycle from 45 days to 1 day with the help of prepaid meters.

Automated Common Area Charges

Our system, automatically deducts common area electricity charges periodically.

Consolidated Billing

Settl receives a single consolidated collection dashboard for reconciliation.

Smart DG Sensor Integration

Settl utilizes our smart DG sensors to dynamically switch tariffs on our smart meters.

Operating with over 70+ buildings across India, Settl needed a solution that could allow them to seamlessly collect energy bills from their tenants in a transparent manner, making sure their customers are always aware of their consumption. This has also led to an overall 10% decrease in energy consumption at their properties.

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Success Stories

LOCAL
Real Time Energy Monitoring

Monitoring Electricity Usage

The need to near real time energy consumption data was catered using our smart meters

Seamless Data Integration

Using our API infrastructure, LOCAL seamlessly pulls data from our server into their billing system.

Transparency and Trust

They solve for transparency using our Public Device Page which is accessible to each tenant, always.

This page can be accessed over a web browser allowing the tenants to understand their electricity consumption.

In 15+ buildings across 5 cities, LOCAL needed a solution which can ensure revenue recovery from electricity usage of individual rooms, breakdown of energy usage on daily basis and enhance transparency with their tenants.

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Customers

Present in 12+ cities across India.

Qube

Backed By

As Seen On

Qube

Contact Us

Email

info@qube.eco

Address

Plutodale Ventures Private Limited
10th Floor, WeWork Latitude, RMZ Latitude Commercial,
Hebbal, Bangalore, Karnataka, India - 560024

Schedule A Meeting

Book a Google Meet Session

Phone

+91-9982168317

Website

https://qube.eco

Social Profiles

Linkedin

X (Formerly Twitter)

Facebook

Instagram

Qube