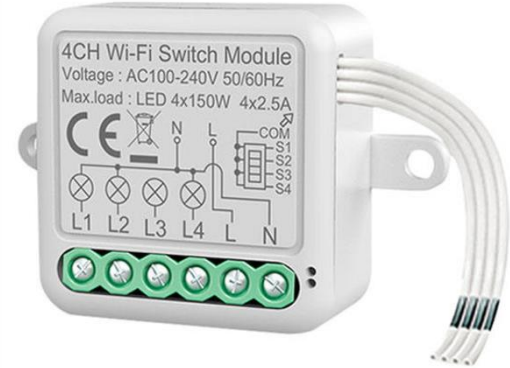


NWARE ENERGY

Smart Energy Solutions

A complete ecosystem to monitor, manage, and optimize every unit of power.



5000 +
Meter deployed

10 +
Clients

up to 20%
Bill Save

Evey minutes
Live Updates

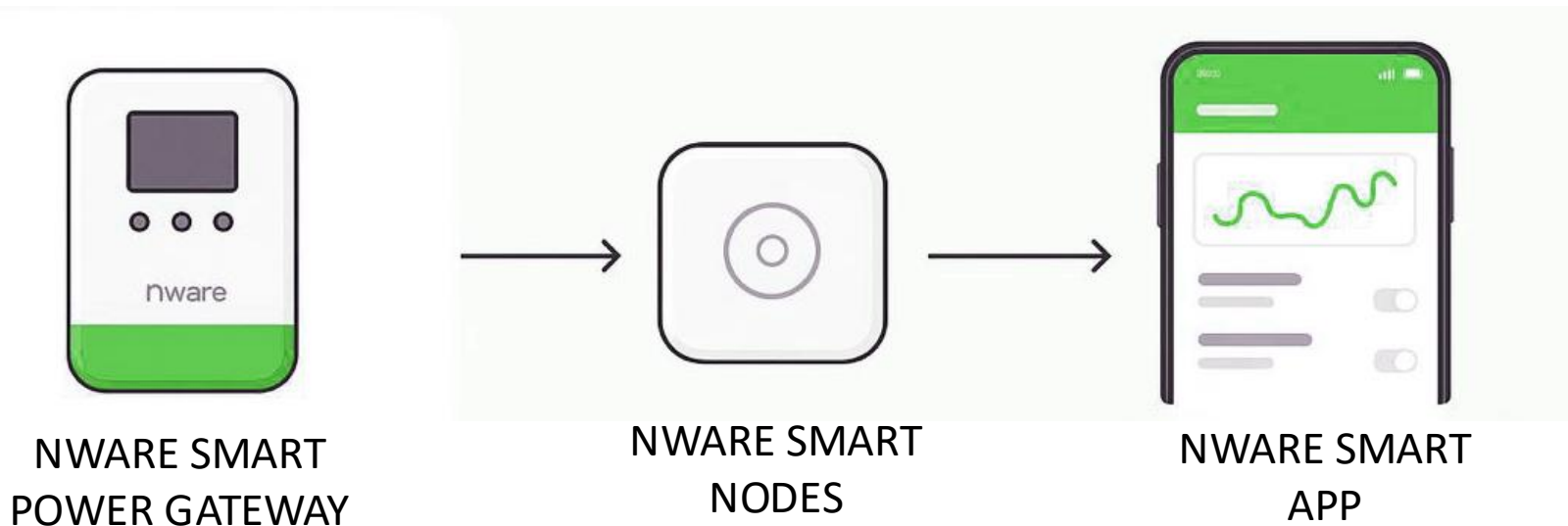
INTRODUCTION

Nware Smart Energy Solutions is not just another “smart meter” company. We are building a complete **Smart Energy Ecosystem** designed for both B2B (DISCOMs, airports, industries) and B2C (apartments, homes, retail) markets.

Our ecosystem consists of:

- **Nware Smart Power Gateway (The Brain)** – Core control & metering platform.
- **Nware Smart Nodes (The Limbs)** – Automation modules for devices & rooms.
- **Nware Smart App (The Eyes & Hands)** – Digital interface for users, managers, and utilities.

Together, these form a scalable, future-proof energy management system that enables monitoring, automation, billing, renewable integration, and predictive optimization.



NWARE SMART GATEWAY

The central controller, installed at the main line or after the government meter, serving as the intelligence hub.

What it does

- Type: Single Phase, Three Phase
- Measures: Prepaid/postpaid metering, load monitoring.
- Protects: Overload, surge, tamper detection.
- Controls: Remote ON/OFF, tariff management.
- Connects: Zigbee, LoRa, Wi-Fi, 4G.

Key Features

- Prepaid & postpaid billing support.
- Real-time electricity monitoring.
- Overload & surge protection.
- Theft & tamper detection alerts.
- Remote ON/OFF, disconnection, reconnection.
- Multi-communication options (Zigbee, LoRa, Wi-Fi, 4G).
- Compatible as main meter or submeter.
- Renewable & EV integration support.
- TOU/TOD billing, peak load shifting.

Use Cases

- Housing Societies → Sub-metering for tenants with prepaid recharge.
- Commercial Buildings & Malls → Individual shop billing & monitoring.
- Industries → Energy audits, demand & predictive load management.
- DISCOMs → Remote reading, theft detection, prepaid/postpaid billing.
- Smart Cities & Airports → Centralized power management, EV charging.



NWARE SMART NODES

Smart Nodes are the automation extensions that bring intelligence to every device, room, or appliance.

What they do

- Occupancy-based ON/OFF (lights, fans, appliances).
- Manual override & remote control.
- Device-level energy savings.

Key Features

- Occupancy-driven control (20–25% savings).
- Manual override for flexibility.
- Remote control of individual appliances.
- Plug-and-play scalability across rooms/floors.
- Modules for switches, HVAC, EV charging, sensors, etc.

Use Cases

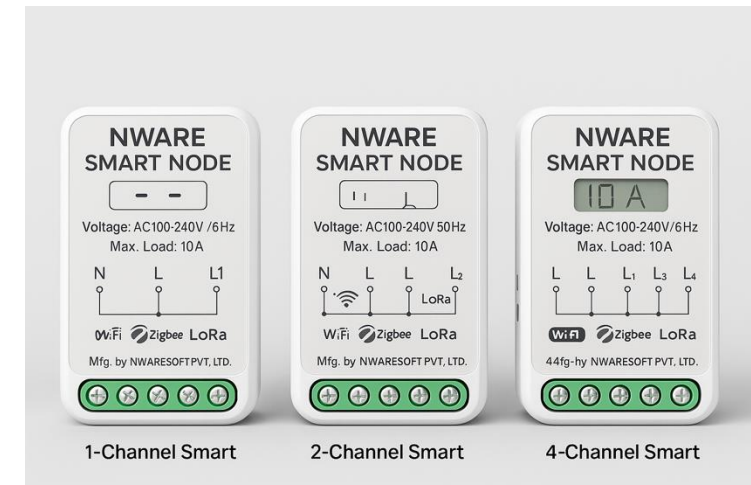
- Homes & Apartments → Smart lighting & appliance control.
- Offices & Retail → Reduce costs with occupancy-based automation.
- Parking Lots & Washrooms → Lights/fans on only when needed.
- Industries → Monitor & control individual machines/HVAC.



CELLING MOUNT



WALL MOUNT



NWARE SMART APP

The Nware Smart App gives you real-time control, insights, and automation — anytime, anywhere.

What it does

- Monitors & controls all devices in real-time.
- Enables prepaid recharge, bill payment, warranty tracking.
- Delivers AI-driven energy-saving insights.
- Automates through geo-fencing, schedules, predictive load balancing.

Key Features

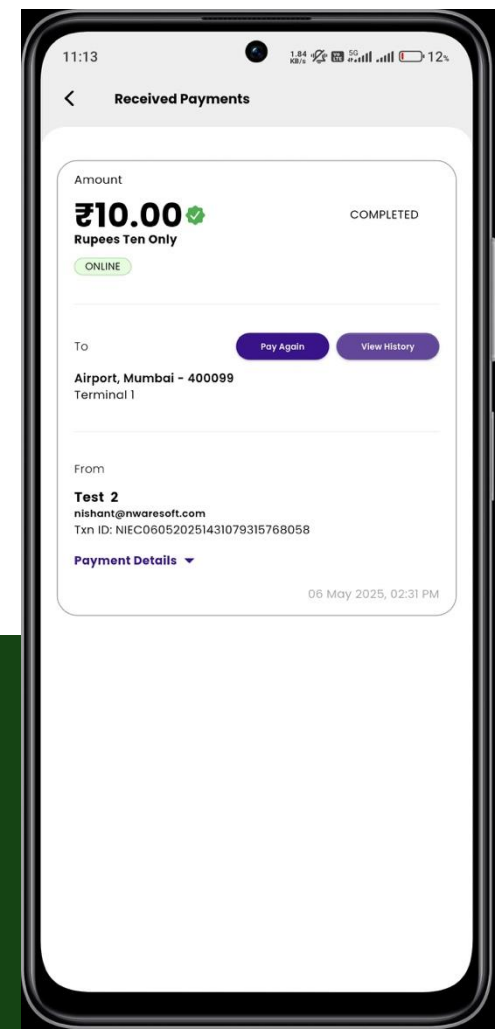
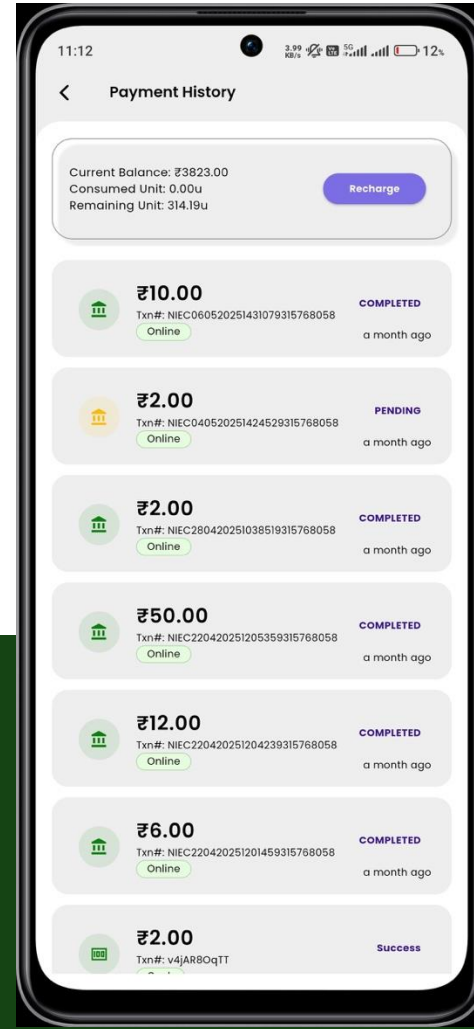
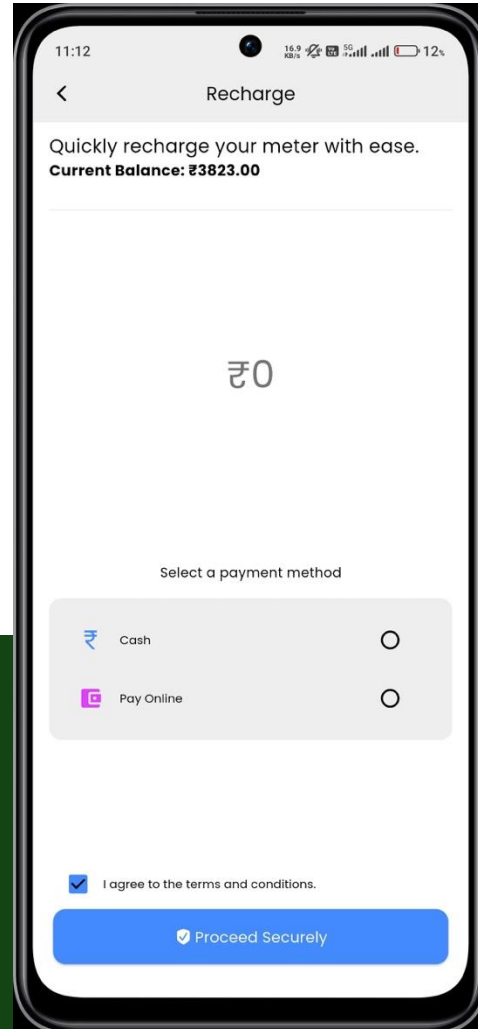
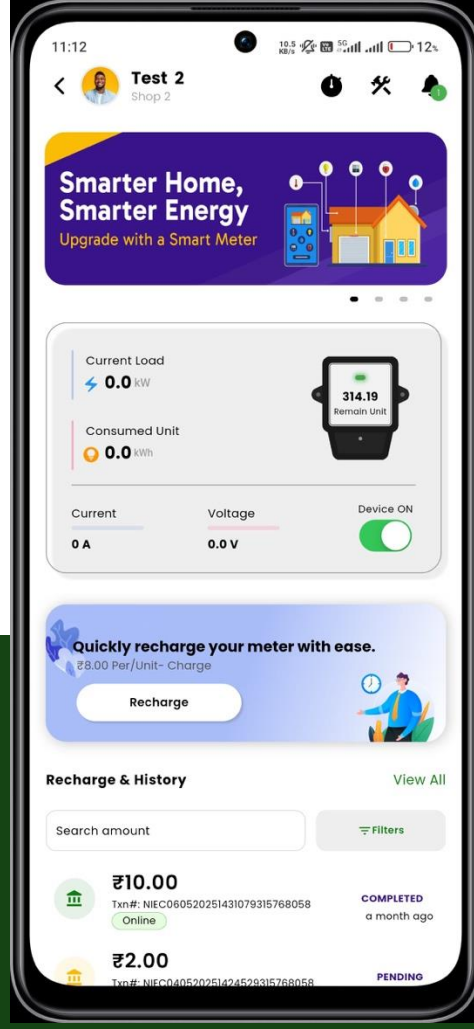
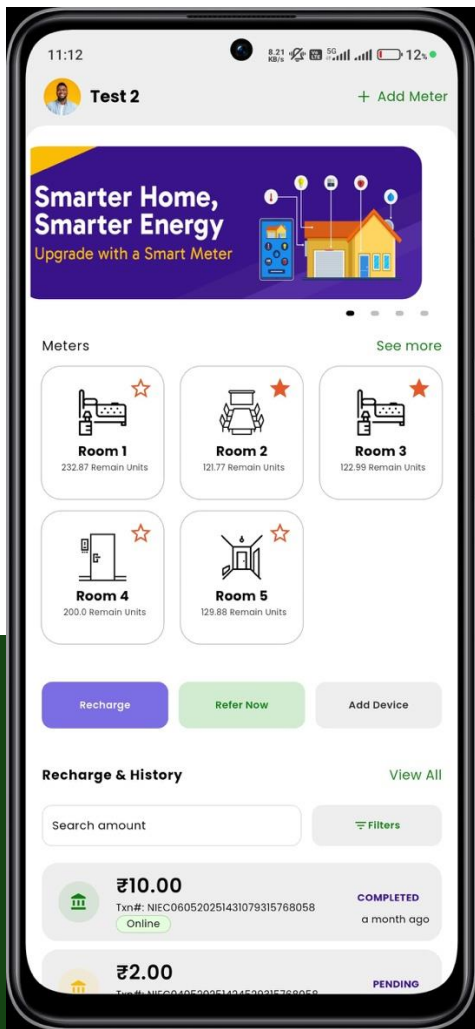
- Real-time monitoring & control.
- Multi Device Management
- Prepaid recharge & BBPS bill payment.
- AI-powered anomaly detection & recommendations.
- Alerts SMS/ Whatsapp (low balance, theft, abnormal usage).
- Geo-fencing, automation schedules.
- Multi-user access & cloud support.
- Warranty & device management.

Use Cases

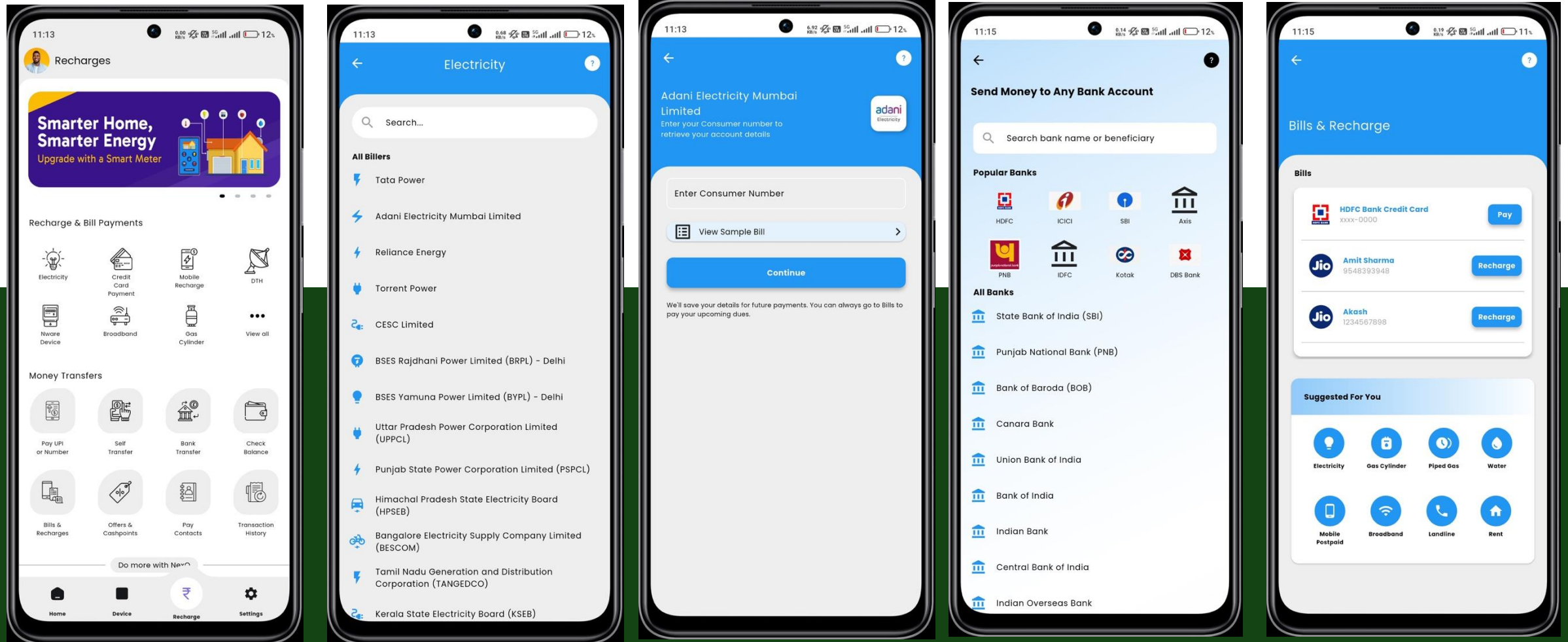
- Consumers → Recharge power, track bills, optimize usage.
- Housing Societies → Centralized billing & sub-metering.
- DISCOMs → Theft detection, remote disconnection, real-time data.
- Facility Managers → Energy audits, predictive alerts, fault detection.

ALERT OVER Email And SMS

- Warning SMS at 20% and 10% of kWh threshold level, step tariff crossover
- Sending SMS to the users during power outage:
- Get alerts for activities like Account recharge, Recharge status,
- Low Credits, Overload, Overvoltage, etc.



PREPAID/POSTPAID PAYMENT FLOW




DISCOM BILL PAYMENT FLOW

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Thank You!