

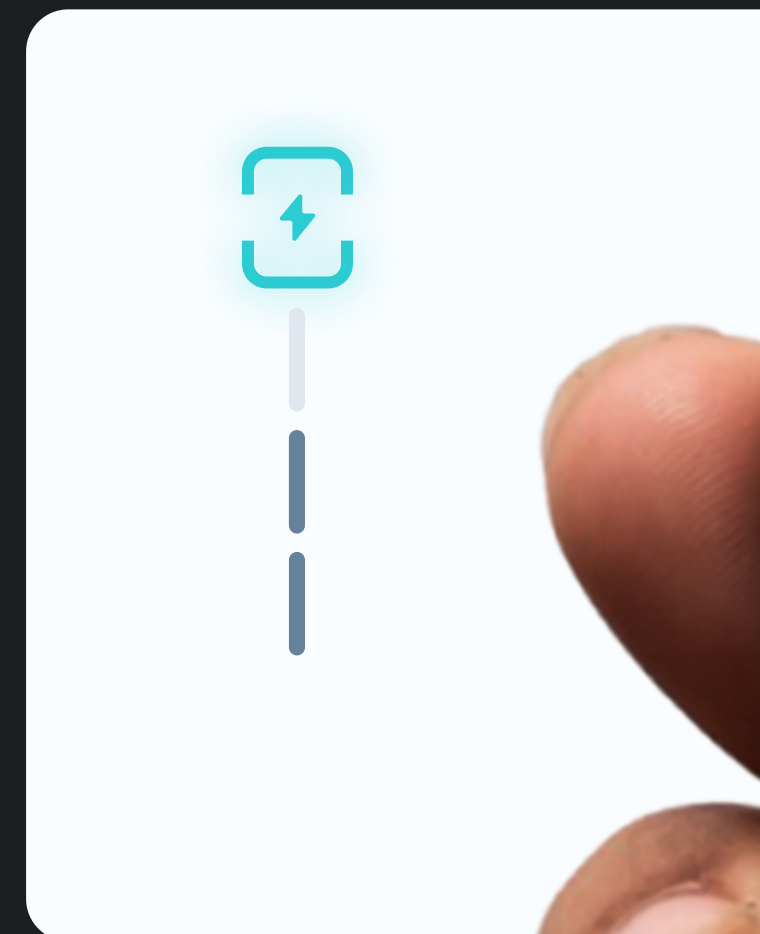


moduly

The future of smart energy

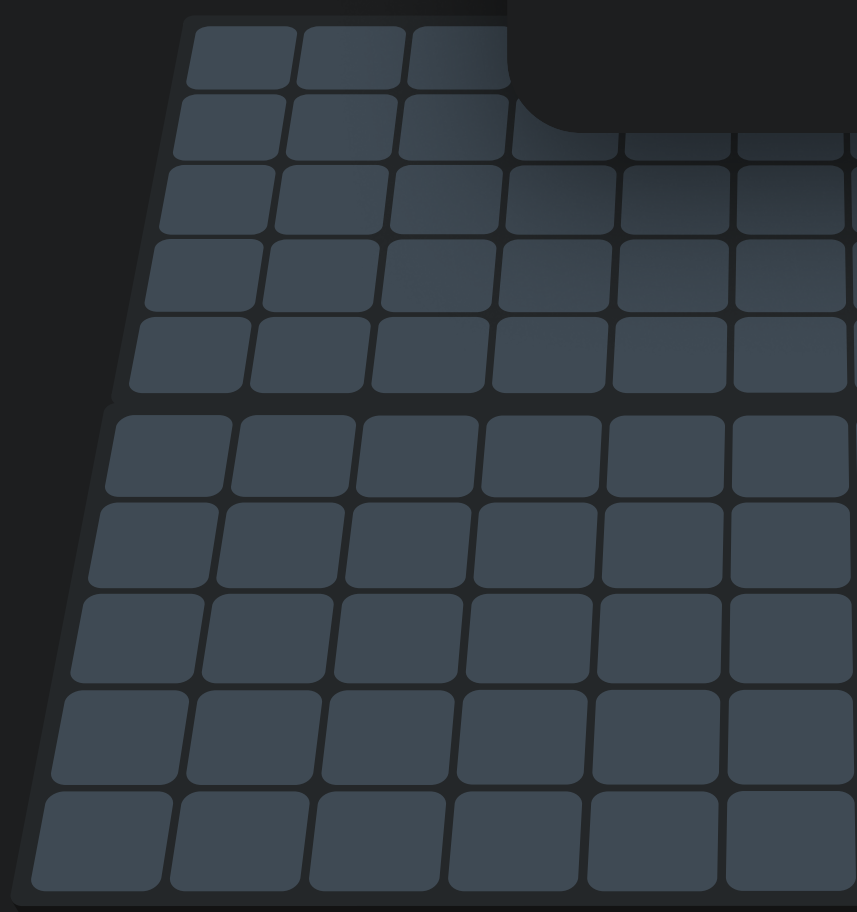
Pair My
Nødz
Smart Home Battery

< Nødz
My Nødz
67%
↕ 1.8 kW • 8.3 kWh

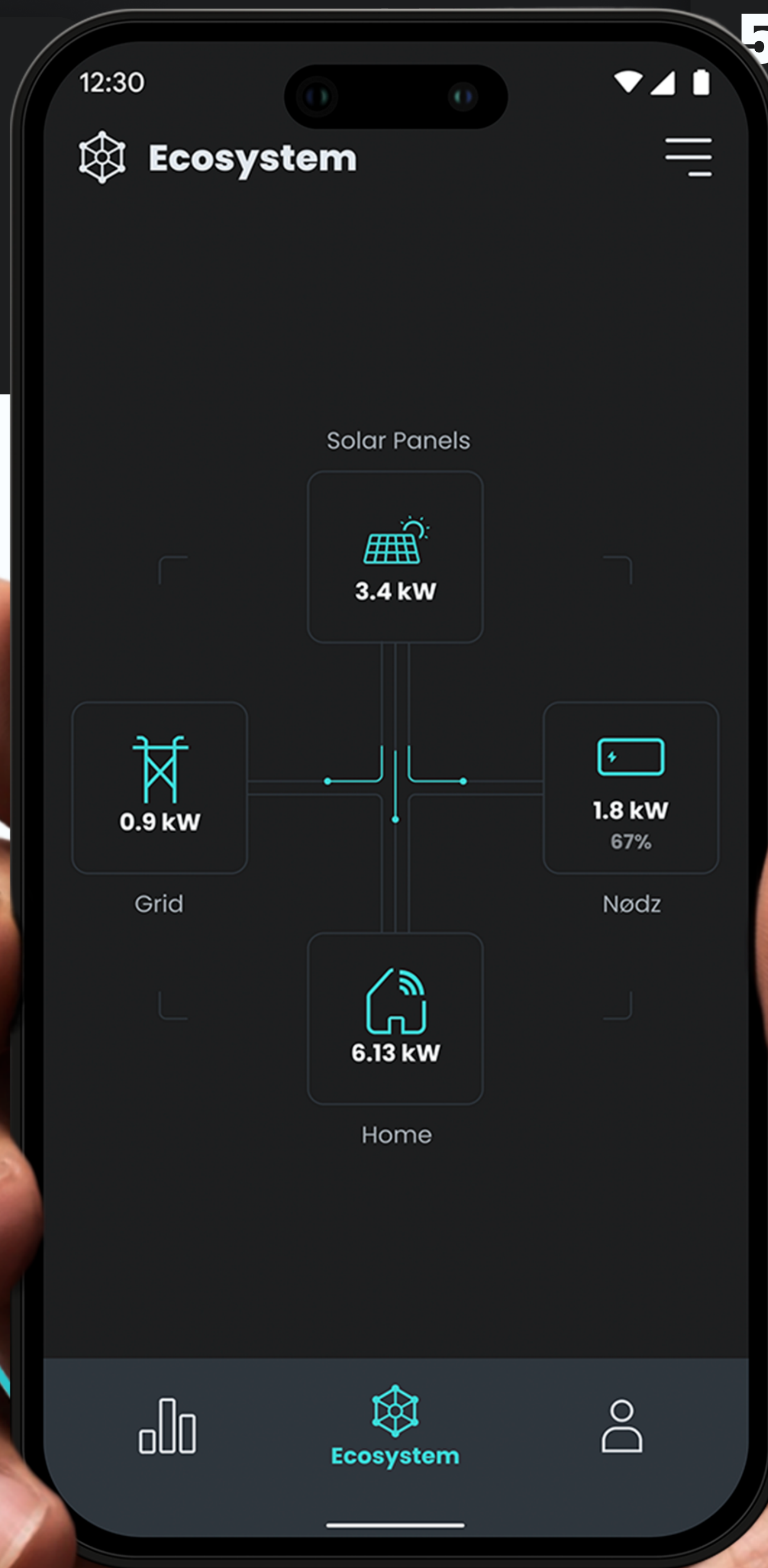


< Solar

My Solar
3.4 kW
↕ 12.6 kWh



260+
Solar Inverters



< EV

My EV
54%
↕ 1.6 kW • 218 miles



300+
EV Models

< Home



Electric Vehicle

Thermostat

Wall outlet

Air Conditioner

400+
IoT Integrations

What is Moduly?

Moduly offers innovative energy optimization solutions that reshape the way your home or business produces and uses energy. Powered by Moduly Advanced AI, ROI is maximized for residential and commercial users.

Integrated Energy Solutions

We centralize energy production, consumption, and storage into one ecosystem by integrating smart thermostats, electric vehicle chargers, solar panels, and a state-of-the-art storage solution - **Moduly Nødz**.

Moduly reduces peak energy consumption while increasing energy security with an innovative plug & play home energy storage solution.

For utilities, Moduly is transformed into an intelligent virtual power plant (VPP) to balance the grid in a cleaner, reliable, and cost-effective manner.

Our Story

Founded in 2019 in Montreal, Canada, with offices now in the US and a presence in Hong Kong, Moduly is impacting climate change by developing advanced technologies that improve and optimize energy efficiency while reducing CO2.

Our Values

Moduly wholeheartedly believes that environmental responsibility is a fundamental priority and that innovation is the key to success.

Testimonials



Moduly grows with you

We are proud to be an authorized dealer in the US for Moduly, the most innovative home energy storage system on the market.

- Rob



High quality hardware

Metal and magnetic handle covers, solid feel, good finishes all add to the experience. Impressed!

- Stefan



It's a great way to save money!

In my first hour of navigating rush hour, I managed to save over \$4.50. This got me thinking about consistently finding ways to save both time and money during peak times.

- Alex

Instant Value

Plug & Play

Plug & Play means no more complex installations. Just plug in, set up in the Moduly mobile app, and you're set!

No Permits

Because Moduly does not require permits in most places, you will benefit from day one. No more months of waiting for those permits to come through!

Best Payback

Achieve average payback between 6 to 10 years (or less if you pair additional IoT devices!), by optimizing peak consumption, resulting in a 12-15% reduction in energy costs.

Save BIG with Moduly

12-15% Reduction

Tariff Optimization significantly reduces your energy costs.

10-12% Savings

Pair your smart thermostat to unlock even more savings and cut down on energy expenses.

30% Tax Credit

Leverage the Residential Clean Energy Credit for substantial savings on clean energy solutions.

Up to 70% Savings

Reduce your EV charging costs by as much as 70% through the power of Moduly AI.

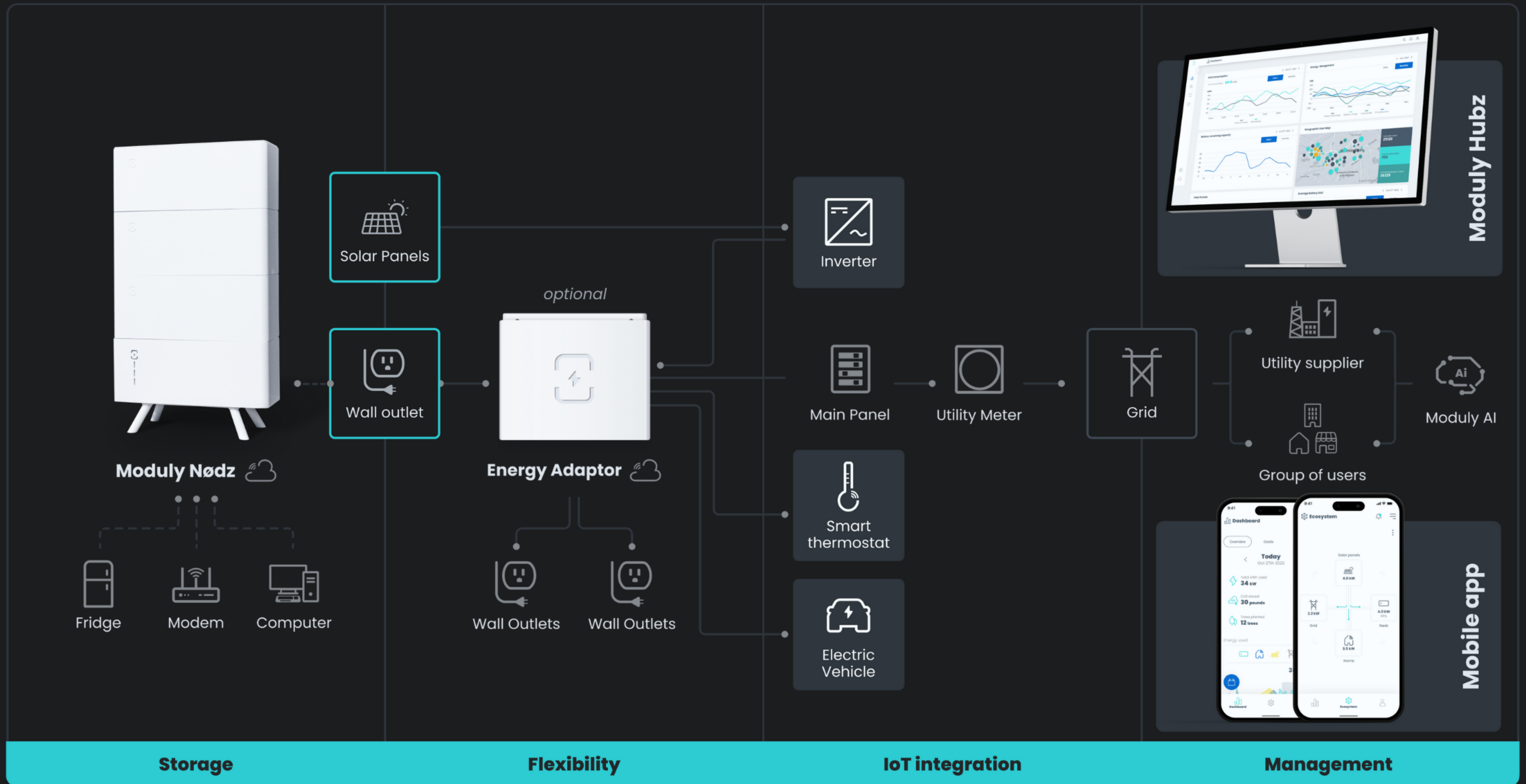


Introducing Moduly Ecosystem

Moduly's energy centralization strategy optimizes at different levels; adjusting to different environments and budgets.

Levels of Optimization

Moduly AI learns and adapts continuously to create an intelligent ecosystem.



Nødz energy storage performs peak shaving and valley filling while providing resilience onboard.

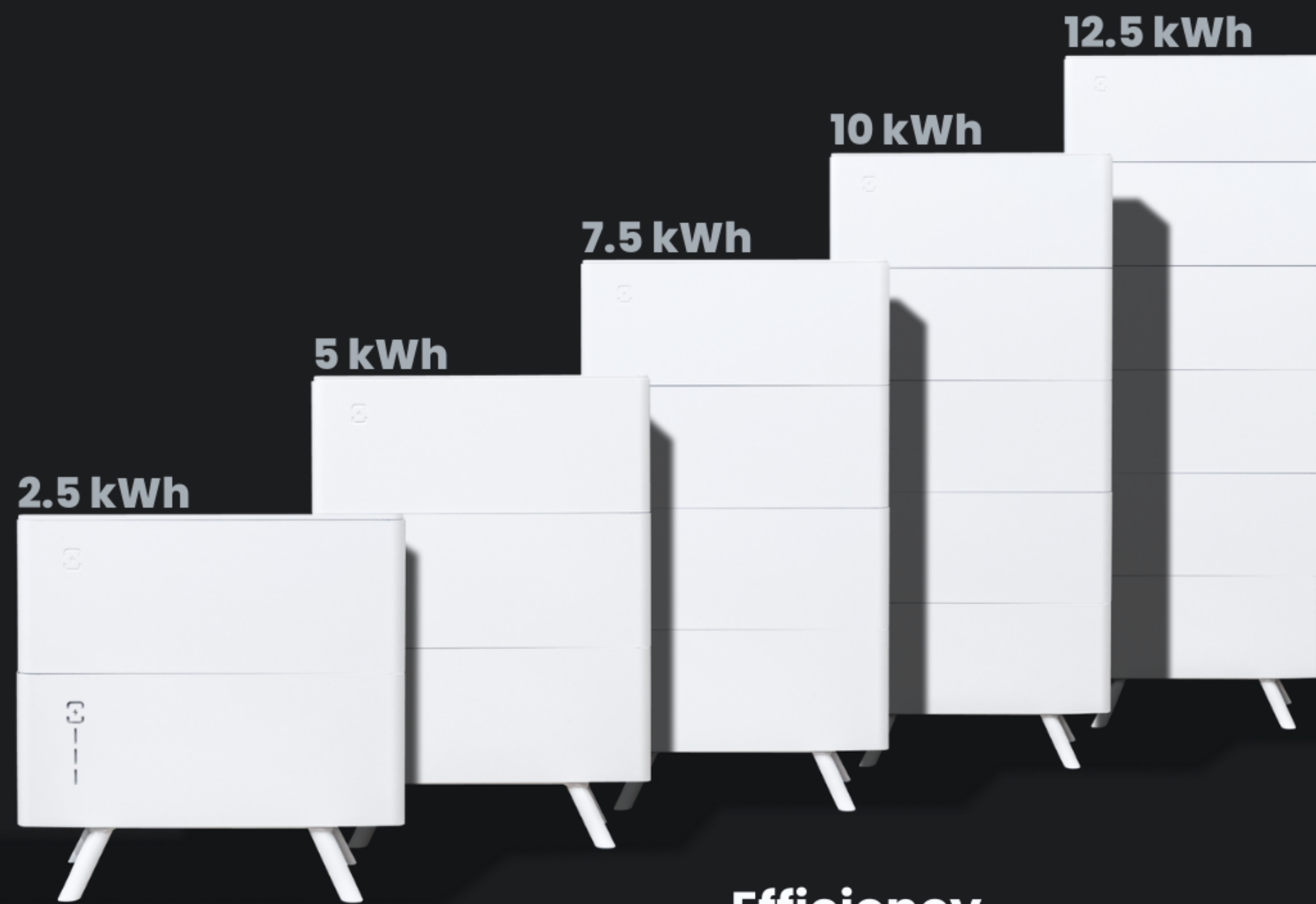
The Adaptor isolates and optimizes the most important circuits during a power outage.

Moduly centralizes and optimizes smart thermostats, EV chargers, and solar production.

Moduly as a Virtual Power Plant (VPP) reshapes power demand across the grid to provide cleaner, more affordable energy to everyone.

Moduly Nødz™

Smart Energy Storage Solution



Plug & Play

Connects to an AC outlet. Requires no complex installation, no permits and no extra cost.



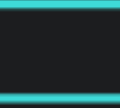


Customizable & Scalable

From 2.5Kwh to 12.5Kwh for residential to light commercial, multi-tenant included!

Efficiency

Reduce energy costs, CO2 emissions and improve resiliency during outages.

Need backup energy? A 5 kWh Nødz will power...

-  A fridge on for **24 hours**
-  A portable AC (10,000 BTU) for **3 hours**
-  A LED TV on for **25 hours**
-  **14 loads** of laundry
-  Lights for more than **553 hours**

Peak Demand Optimization

Moduly Nødz innovative design slows down energy consumption during peak demand periods, with optimized off-peak recharge cycles, taking advantage of renewables where available.

Nødz also provides critical backup energy when your customers need it most.

Solar Optimization

Moduly maximizes self-consumption of solar production, by automating energy storage cycles with consumption and production predictions, powered by advanced Artificial Intelligence and Machine Learning.



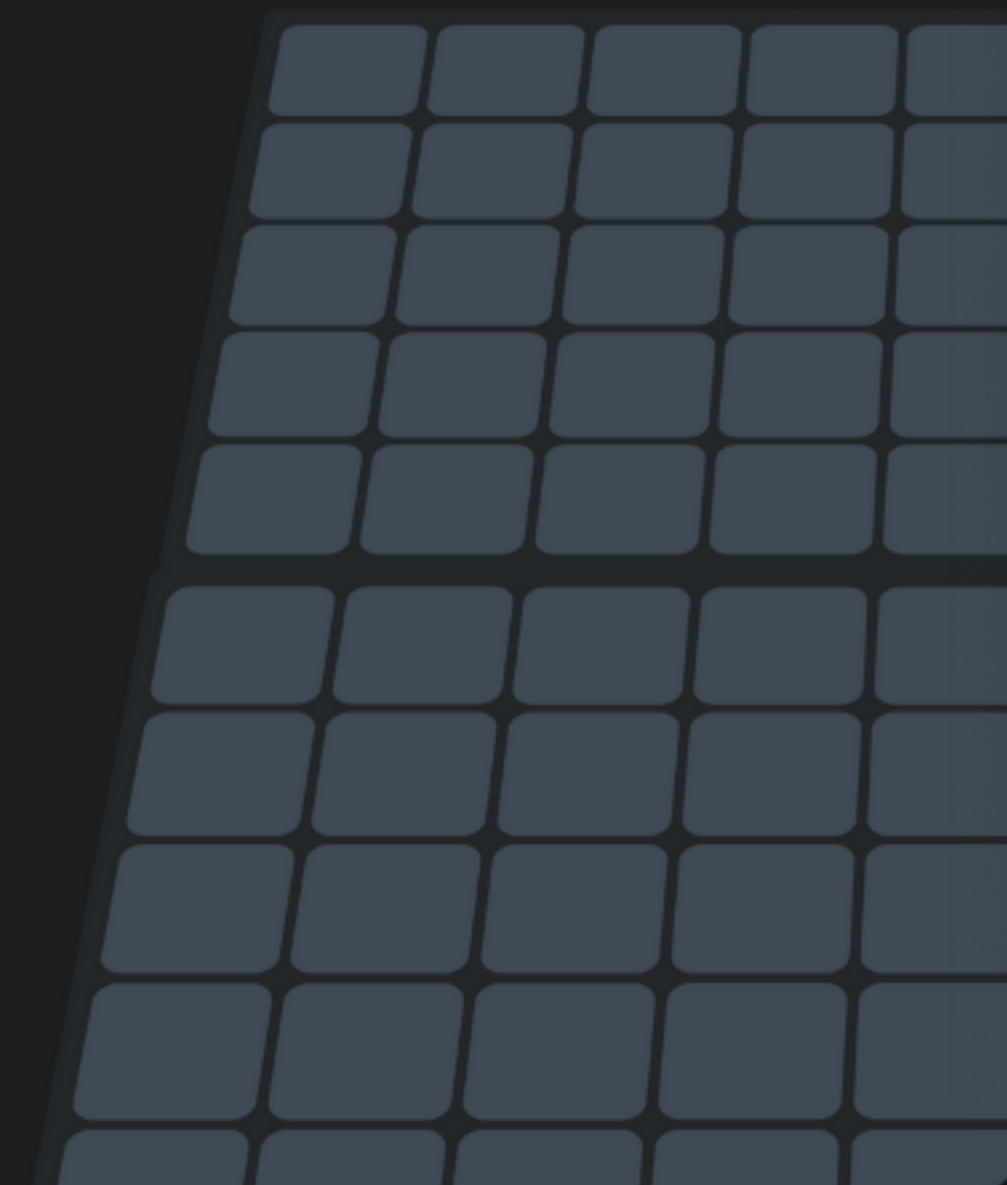
Smart Home Control

Centralize your energy activities, automate your savings and optimize your consumption by leveraging Moduly AI.

Pair My
Nødz
Smart Home Battery



260+
Solar Inverters



300+
EV Models



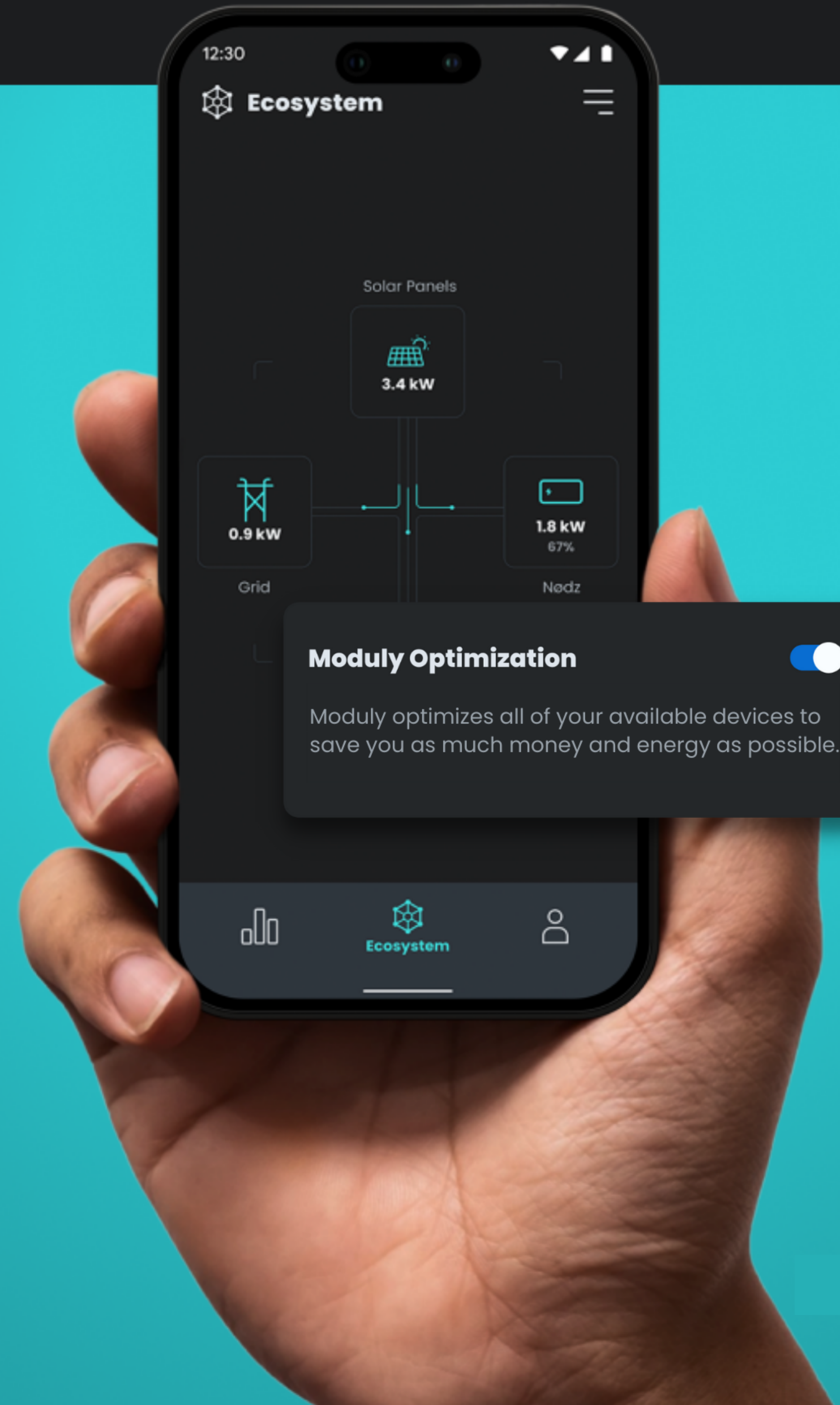
400+
IoT Integrations



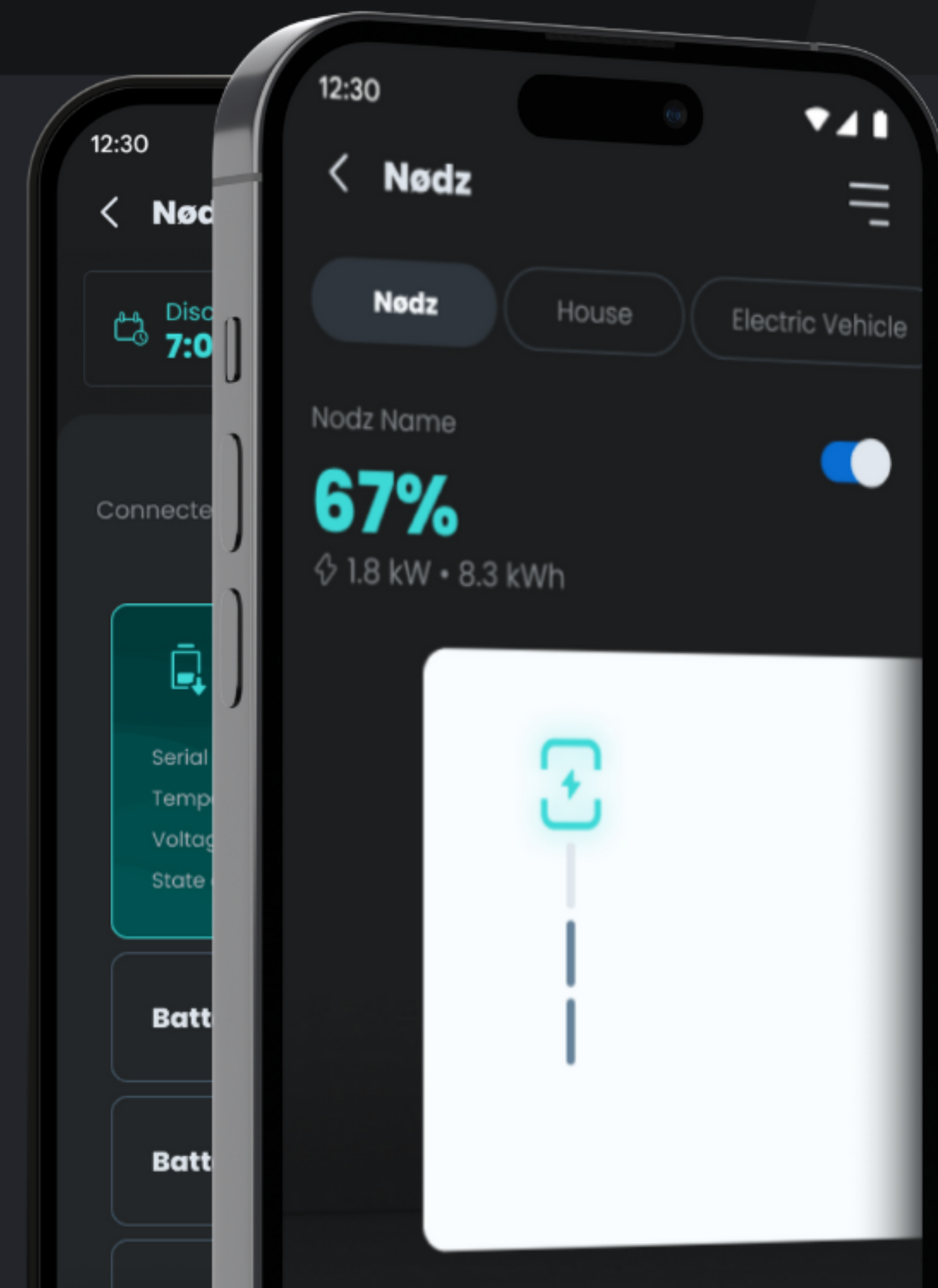
Nødz



Electric Vehicle



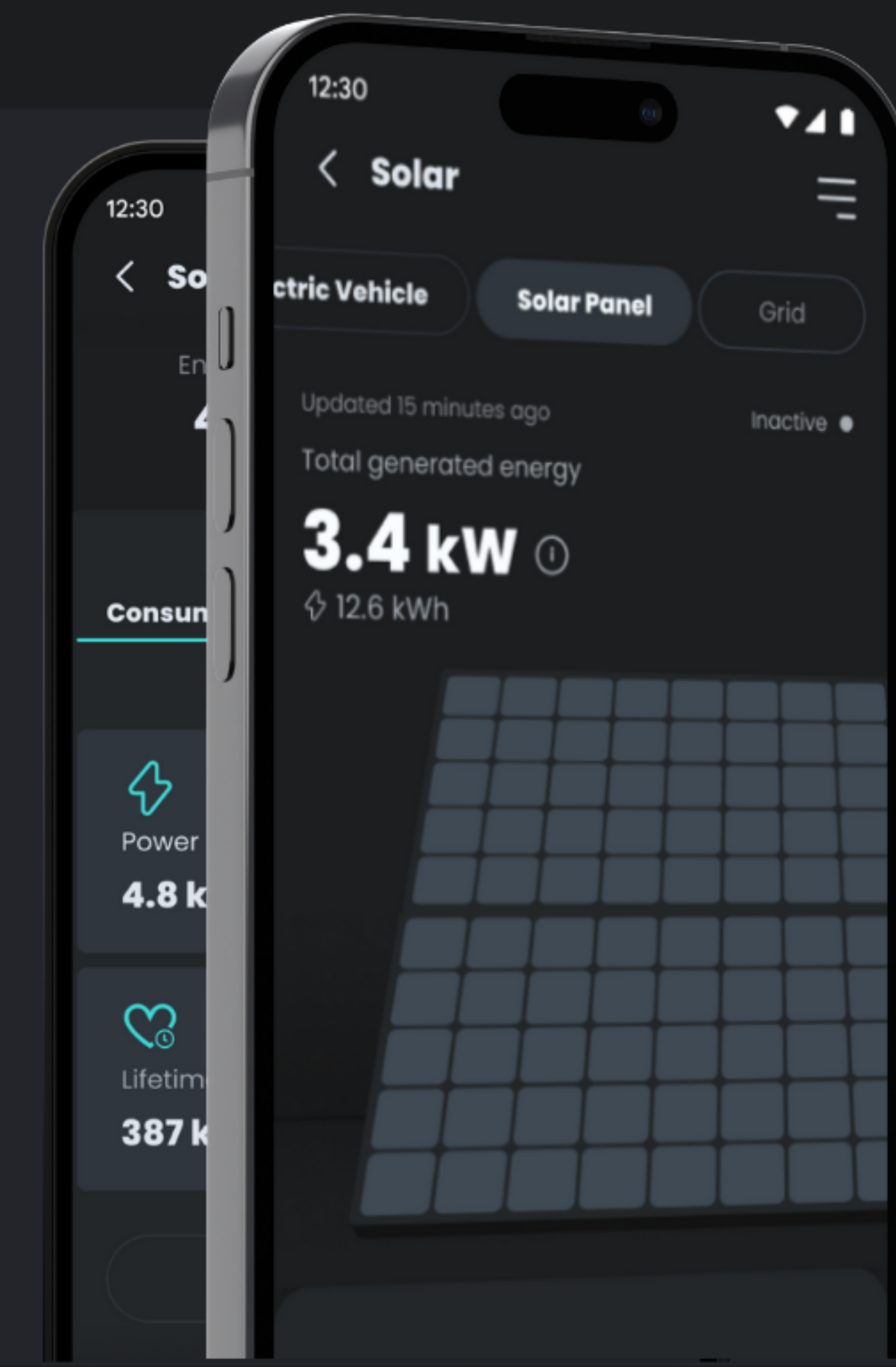
Efficiency Innovation



Nødz

Moduly Nødz supercharges peak demand optimization. No permits or complex installation needed – seriously! Start benefiting **TODAY**.

Tailor available storage to your needs and stop paying for unused capacity.



Solar Production

Is your solar energy wasted during off-peak times or when you're away?

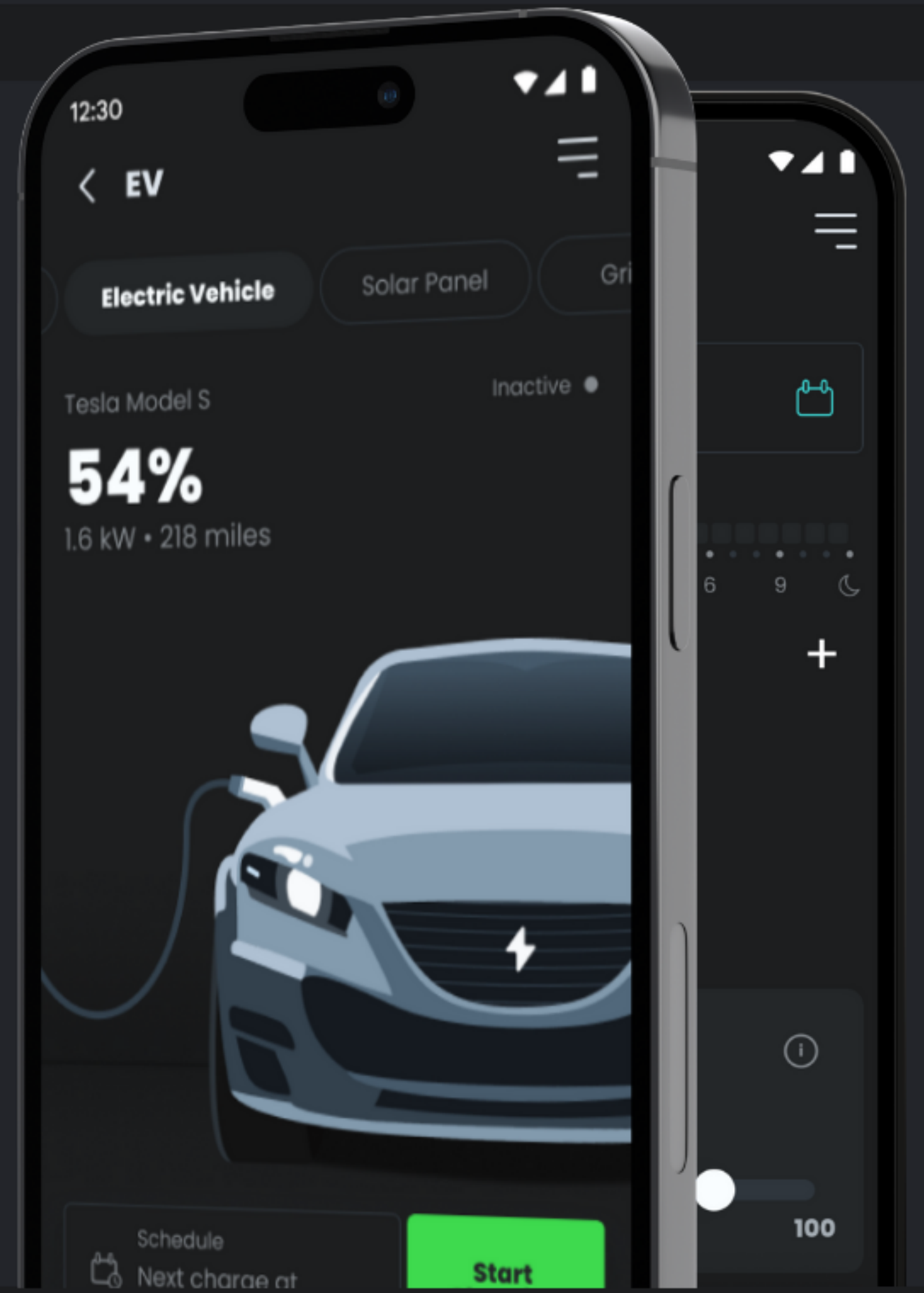
Moduly AI optimizes solar energy at home or in your business, ensuring efficient utilization.

Get the most out of your solar system now!

EV

Moduly AI seamlessly connects to your EV and its charger – no wires required!

By analyzing your vehicle usage, solar production, and utility tariff, we optimize charging, **cutting costs by up to 70%!**



IoT integration

Gone are the days of optimization-in-isolation! With Moduly, your IoT devices (EVs, smart thermostats, solar, Nødz energy storage) work **together**, maximizing savings by putting your home to work for you every single day!



AI-Driven Peak Efficiency

Energy Centralization

Moduly centralizes all energy activities including energy production, consumption and storage.

Optimize Peak Demand

Moduly AI works hard to understand your energy consumption patterns and designs a customized energy optimization strategy to maximize your benefits. Say *goodbye* to expensive energy and demand charges!

Artificial Intelligence

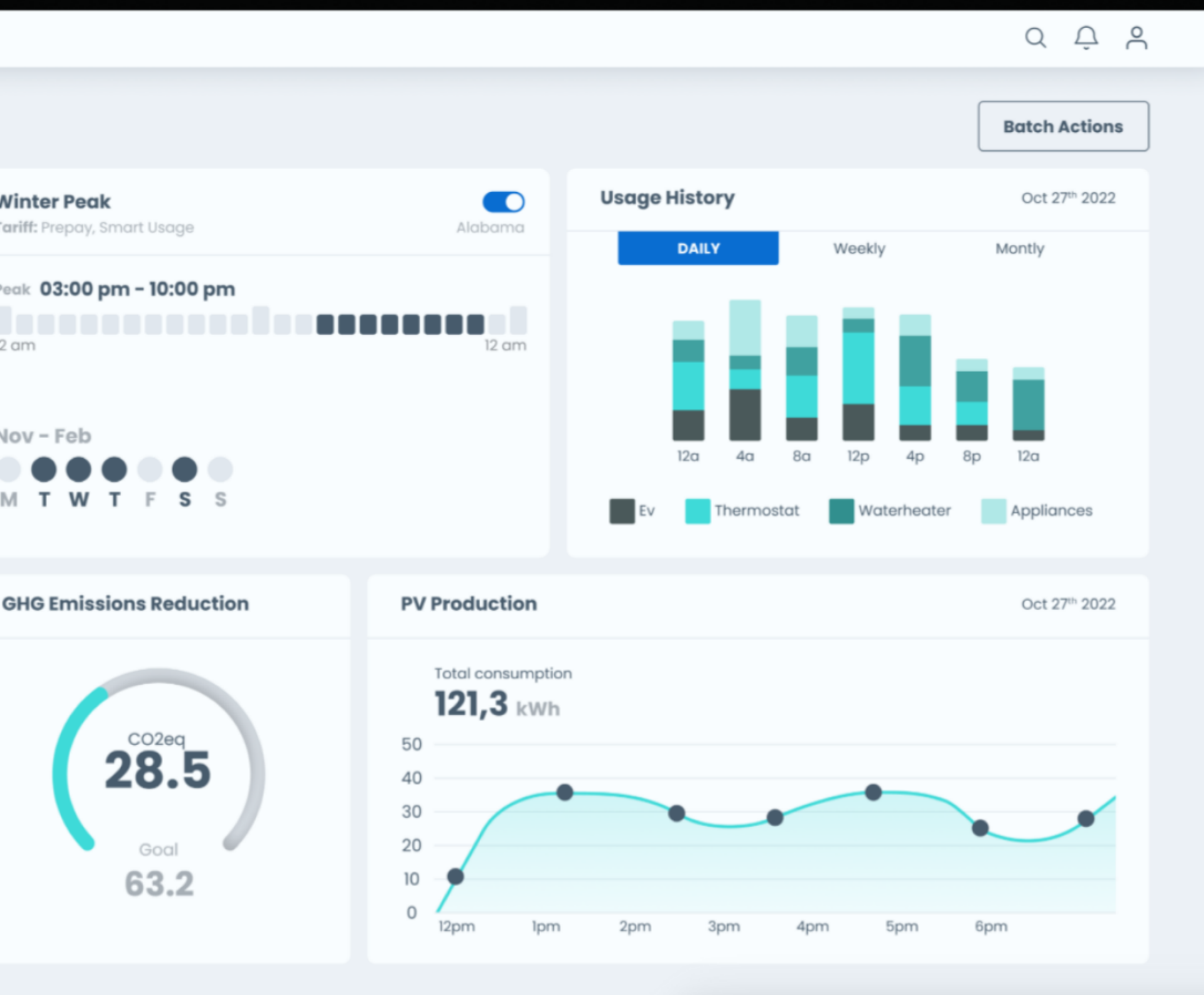
Moduly learns your energy consumption habits, layers in weather forecasts and other data to predict and automate your energy savings journey.



Smart Hubz™

Smart, Intuitive & Agnostic Platform

Smart Hubz doubles as a sophisticated DERMS and monitoring solution and is powered by advanced AI and ML to centralize the energy activities of all residential and commercial users.



Control, Predict & Automate for all customers including multi-tenant residential and commercial customers.

Optimize & Monitor all important equipment including Solar Panels, EVs, Smart Thermostats, and more.

Enhance & Automate your peak shaving, valley filling, and **Demand Response Programs.**

Increase profitability and strengthen customers relationships.

Visualize your customers' performance.



Tom Nødz

MNC23Q1_2322050034

49%

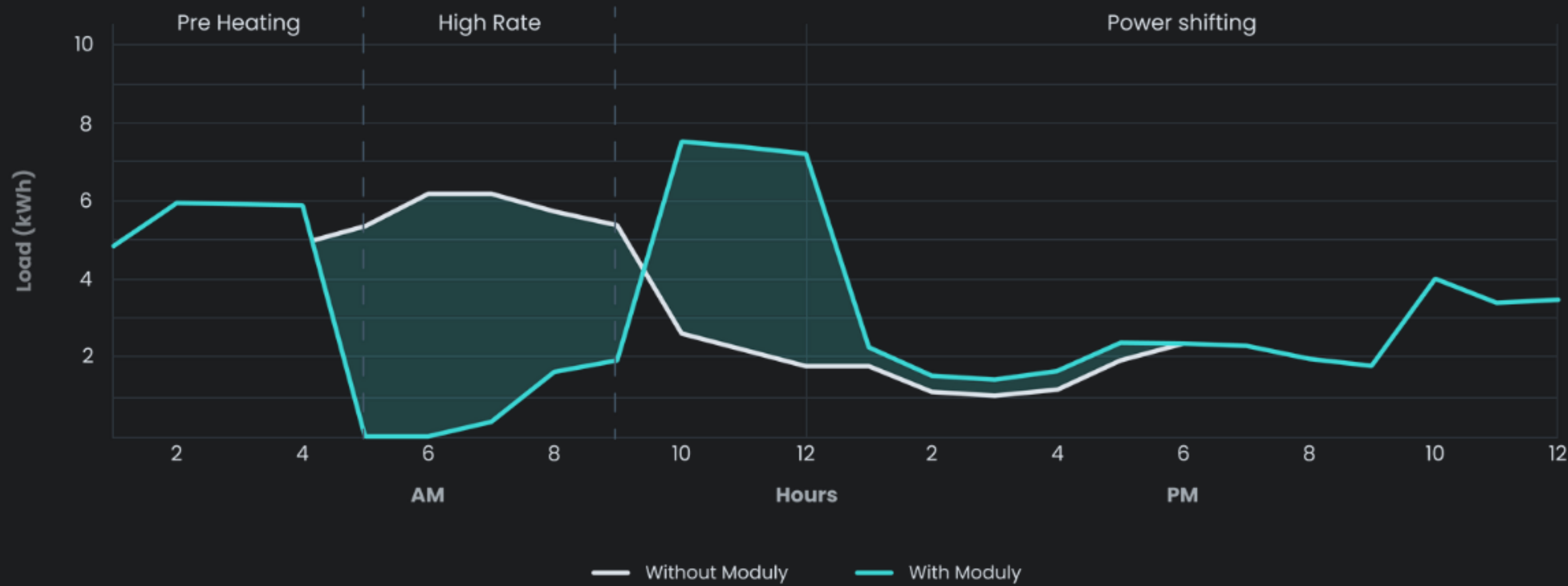


DISCHARGING

Total consumption

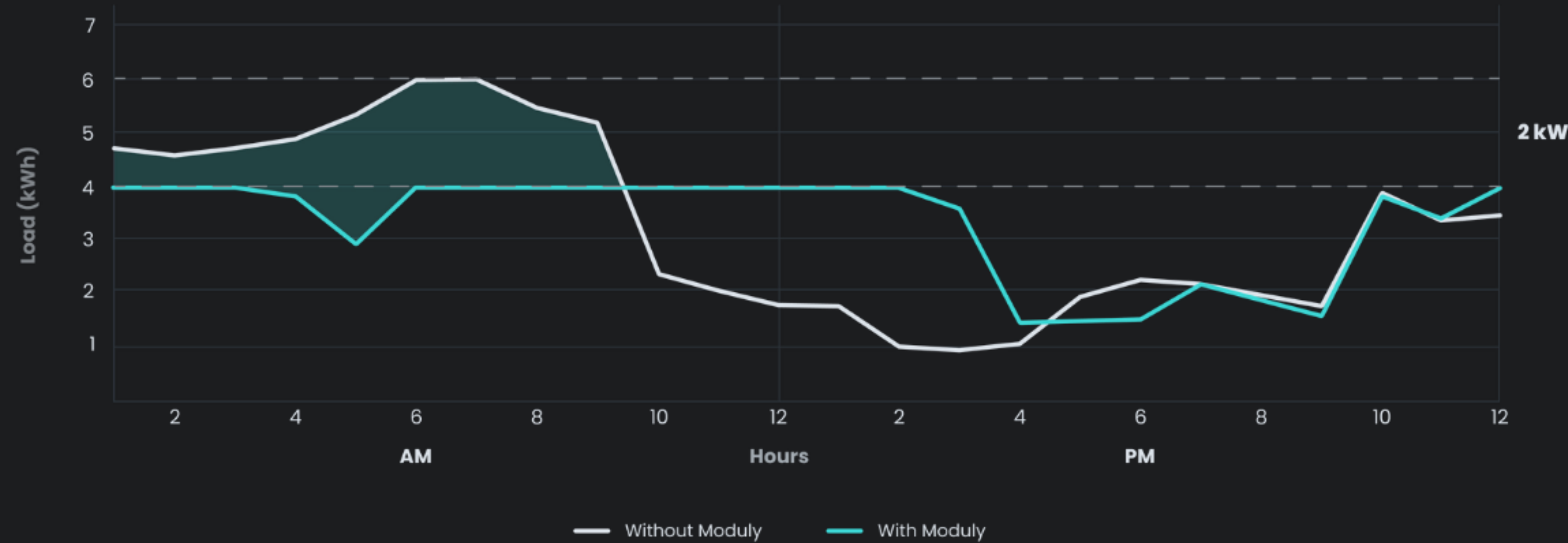
1.8 kW

Manage Peak Demand



Power Shifting

- Nødz energy storage is dispatched during high rate periods.
- Pre-heating to reduce consumption during high rate periods.
- Power shifting results in **savings of approximately 15%.**



Peak Shaving

- Artificial intelligence executes peak-shaving and valley-filling.
- Optimized temperature control to perform peak shaving.
- 2 kW peak shaving represents a **savings of approximately 12%.**

Serving 30+ companies in 3 countries

Alabama Power

COMMERCIAL SOLAR
CREATING ASSETS FROM EXPENSES

e-on

Hydro Québec



MAXUM ENERGY



NIPPON energy
Solar Simplified



OTOPILOT



PARADIGM
SHIFT
SOLAR



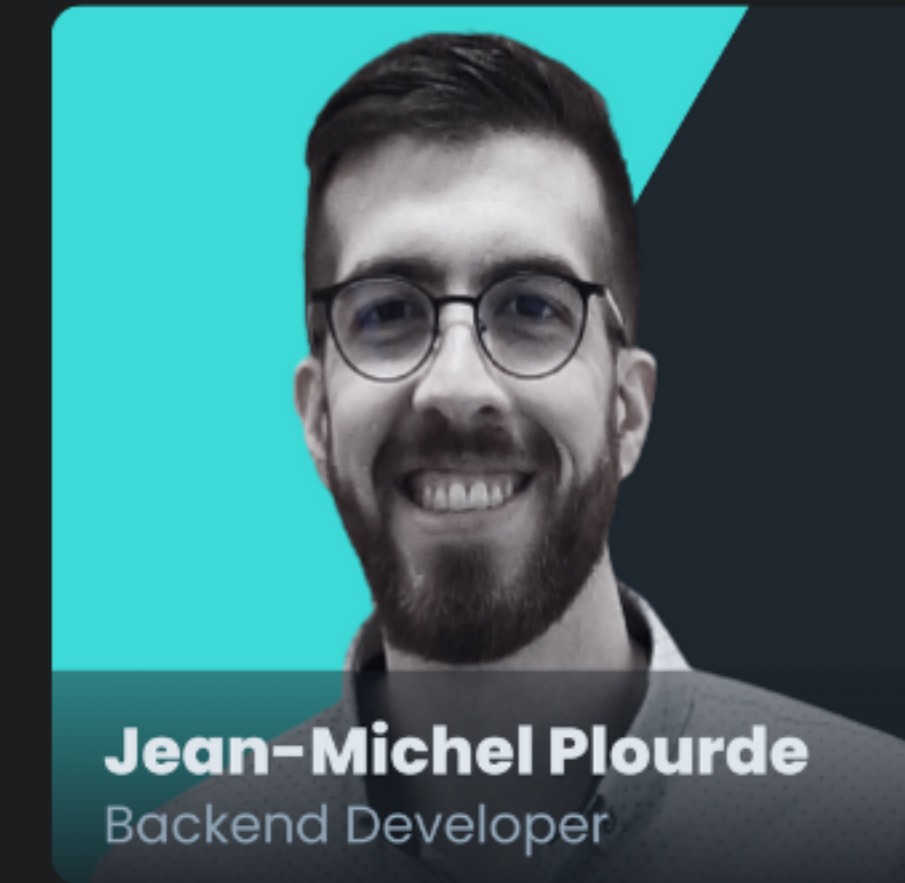
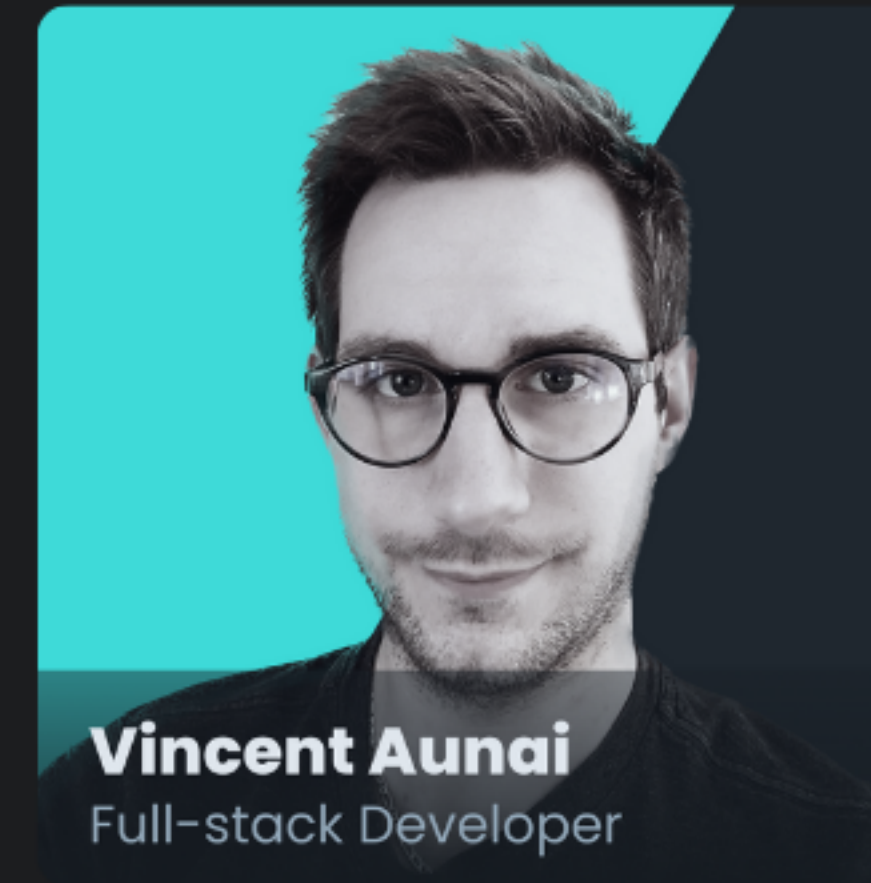
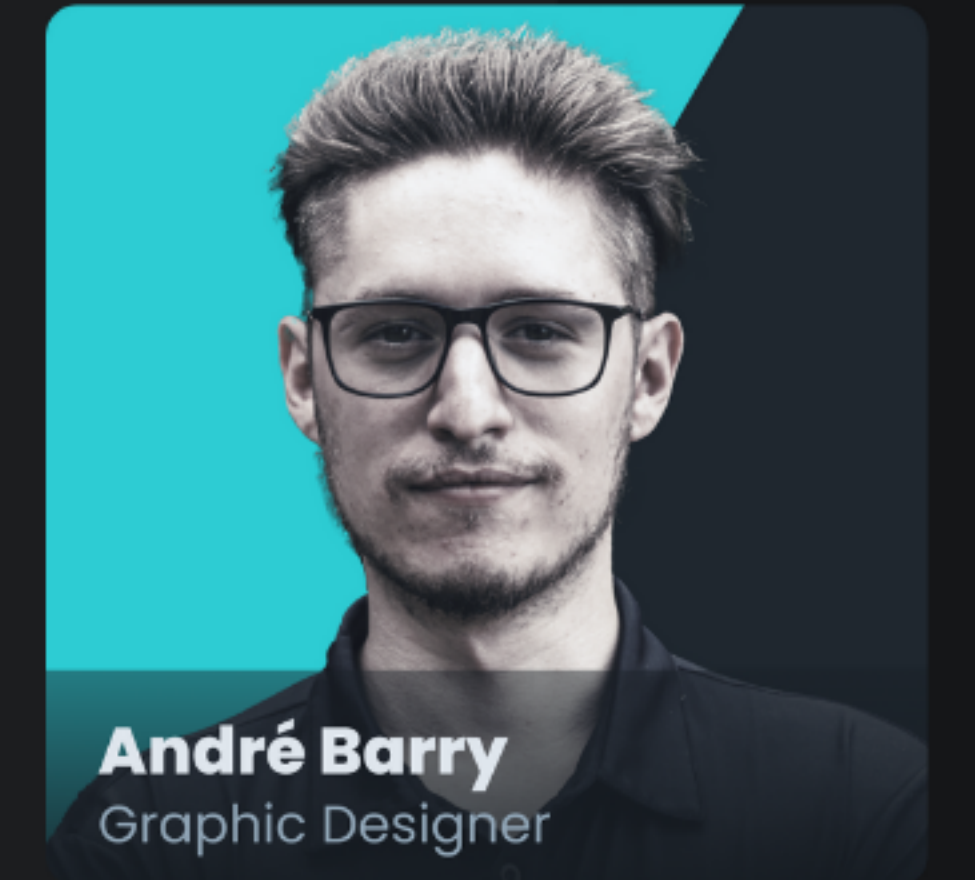
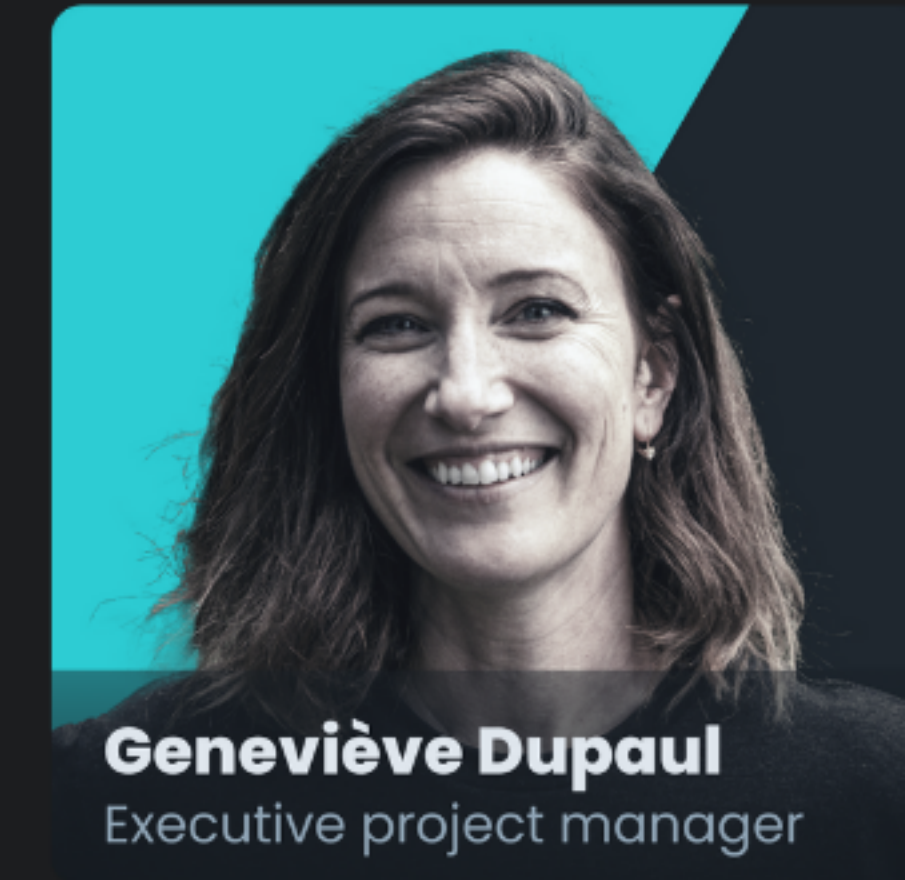
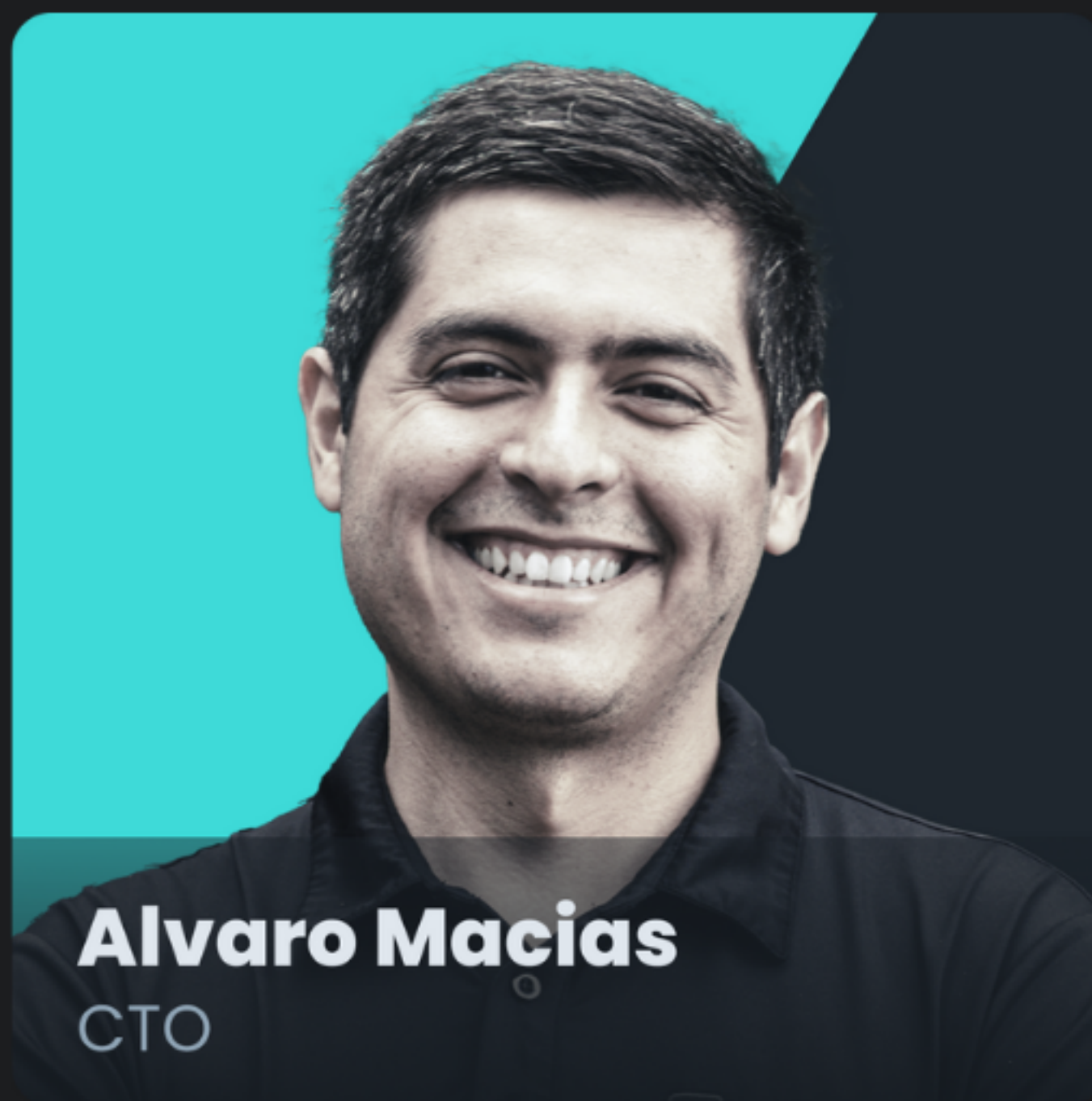
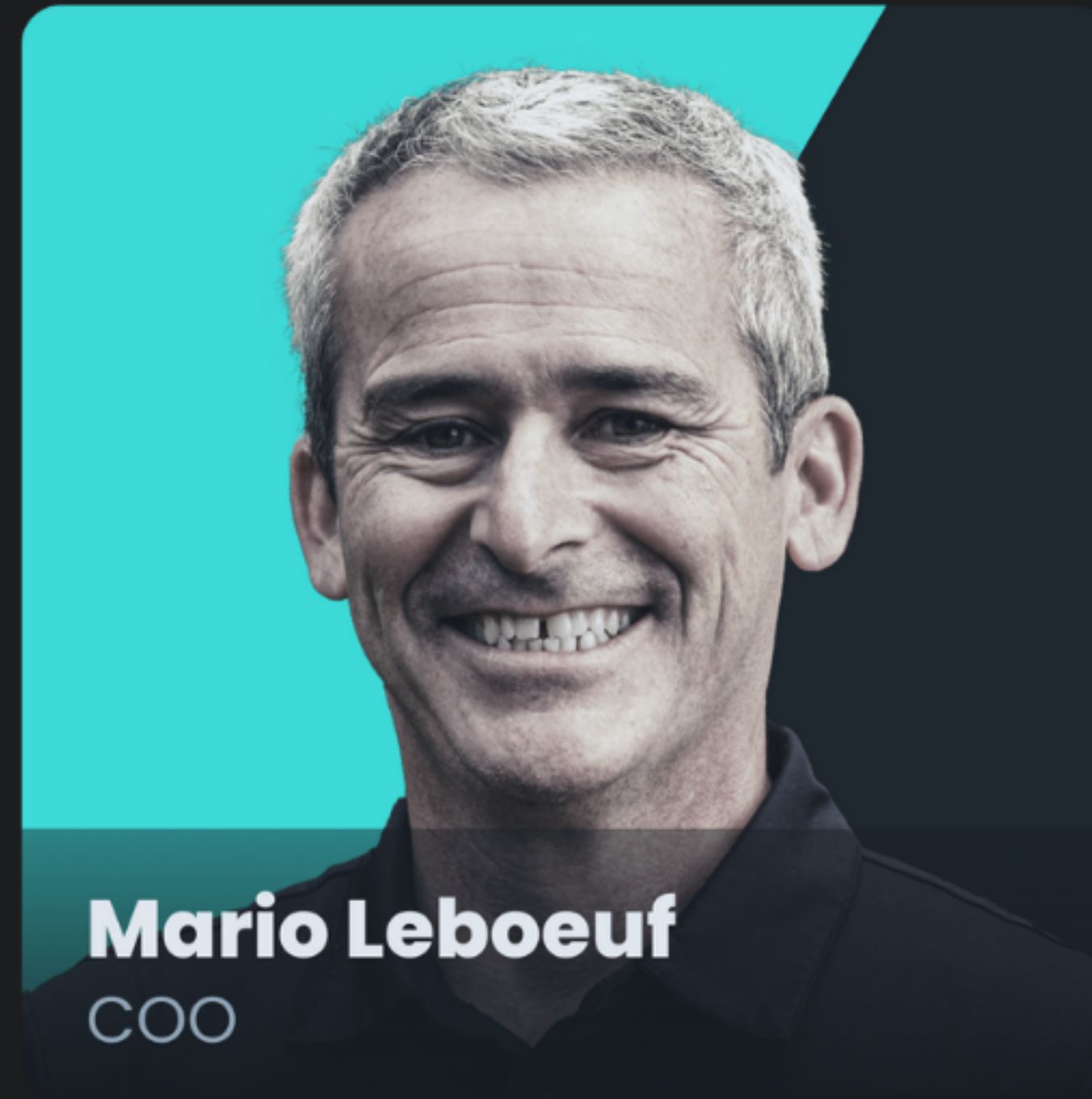
rematek
énergie

TIER ⏻



Your
Energy
Solutions

Meet our team





Thank you!

Join us in our
decarbonization efforts

@moduly f in X