ZEF ENERGY

Utility-Driven Residential Charging Solution

Utility-Driven Solutions

ZEF Energy solutions put utilities in the driver seat regarding load management, load balancing, and grid benefits. With ZEF, vehicle electrification isn't just load growth, but beneficial and resilient growth.

Unique Value Stack

- Revenue grade metering in each charger
- Autonomous communication pathways for utility-grade control & data
- Meter data management system integrations to support EV specific rates
- Data ownership from day one
- Full white-labeling of charger branding

Hardware

- Level 2 chargers from 7.7kW to 19.2kW
- Embedded revenue grade metering
- Granular control in 25% increments of nameplate charger capacity
- White-label branding

Program Design & Tools

- Product distribution coordination
- Customer purchasing collaboration
- Welcome package and installer onboarding communications

Software

- Utility facing dashboard with reports and full data ownership and access
- Utility meter data management (MDM) software integrations to support EV specific rates
- Driver-facing app to give program override control

Key Solution Benefits

>> ZEFNET integrations with meter data management systems (gather revenue grade metering data from the charger for billing purposes).

>> Utility branding on hardware and program coordination materials.

>> All data is accessible and utility owned from day one, at no additional cost.

>> Start-up program marketing support and guidance on EV rate design.
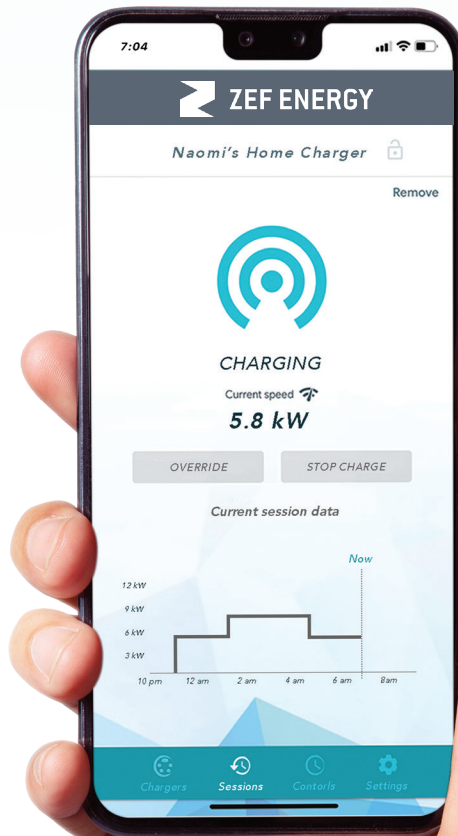
>> Integrations with DERMS platforms to support broad demand response programs and grid resiliency.

Key Technical Features

- ✓ Cellular, Wifi, Ethernet, Bluetooth on every charger
- ✓ OCPP compliance
- ✓ OpenADR 2.0b compliance
- ✓ NISC & SEDC format data export
- ✓ On-charger Time-Of-Use registers
- ✓ Seamless data sharing and control options between program stakeholders
- ✓ Automatic firmware and security updates managed by ZEF

Utility Branding

The utility has control over on-charger branding to allow for a coordinated and comprehensive customer/member experience.