



# MeDER

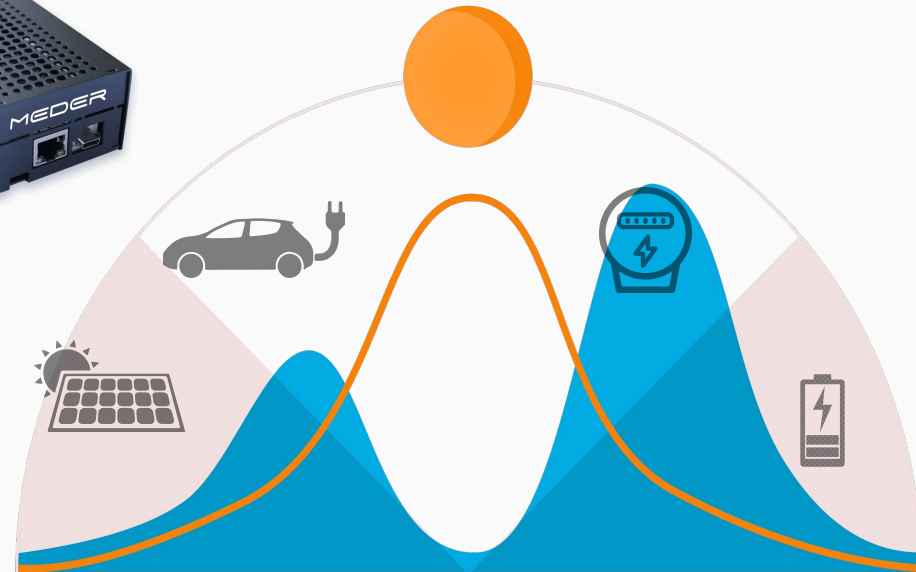


U.S. DEPARTMENT OF ENERGY

## Synchronized on-site solar and EV charging with utility distribution grid

MeDER, a coupled data logger/site controller designed to address the gap between EV charging, on-site Solar PV and facility load ensuring that EV charging is done in a way that prioritizes solar energy, eliminates peak demand contribution, and reduces stress on a facility's existing electric infrastructure.

- Realtime facility energy monitoring
- Managing on-site solar energy flow to maximize on-site (non-export use) for EV Charging
- Virtual Power Plant Capable
- IEEE 2030.5 compliant enabling participation in utility ancillary services.
- Reduce Grid infrastructure costs and service upgrades



For the Commercial & industrial Market