

 **EMULATE**

Success story

About: Swedish energy management software provider

Founded: 2020

Focus: Grid stability and renewable energy solutions

With eMabler since: 2023

Emulate & eMabler: Unlocking the Potential of EV Chargers for Grid Stability

Founded in Sweden in 2020, Emulate specializes in cutting-edge energy management software designed to tackle the challenges of renewable energy integration. With a mission to create more balanced and sustainable grid, Emulate leverages innovative technology to align energy supply with demand, driving sustainable progress.

Through their partnership with eMabler in 2023, Emulate has optimized grid operations and unlocked the potential of EV chargers as dynamic energy assets. This collaboration reshapes how renewable energy integrates into modern grids, paving the way for innovative and resilient energy solutions in a rapidly evolving landscape.

Driving Innovation in Energy Management

At the heart of this partnership lies a shared commitment to tackling renewable energy's most pressing challenge: stability. Emulate's expertise in virtual battery technology and eMabler's open platform work together to seamlessly integrate renewable energy into modern grids.

By turning EV chargers into multi-functional tools, the partnership enables energy providers to balance supply and demand efficiently while creating new revenue opportunities for charger owners.



Our deep expertise in control and virtual battery technology, combined with eMabler's innovative open platform for EV charging, is the perfect match. This cooperation will benefit consumers and the environment.

- **Sonny Strömberg**, COO, Emulate

Advanced 150 kW charging units

Through rigorous testing with Skellefteå Kraft and OKQ8, Emulate and eMabler have demonstrated the game-changing potential of 150 kW DC chargers. These chargers adapt to real-time energy fluctuations, providing reliable grid stabilization services. Powered exclusively by renewable energy, they represent a critical step toward building a future-ready energy network.

Shaping a Resilient Energy Future

With Emulate's innovative software and eMabler's scalable platform, this partnership is advancing the next generation of grid management. By addressing energy challenges head-on, the collaboration is driving the creation of energy systems that are flexible, sustainable, and ready to support a growing renewable energy infrastructure.



Our tests confirm the rapid and efficient responsiveness of DC EV chargers within the Emulate and eMabler systems to energy management commands, both for scaling up and down

Growth with eMabler

- Seamless integration of energy management systems
- Demonstrated grid stability with rigorous testing
- Advanced technology unlocking the potential of 150 kW chargers
- Enhanced operational efficiency for renewable energy applications