



ENCYCLE

SMARTER ENERGY

Demand Management, Consumption Management and Intelligent Demand Response solutions, providing unprecedented savings for commercial, industrial and retail facilities.

CUSTOMER BENEFITS

RESULTS POWERED BY ENCYCLE'S PATENTED



SWARM LOGIC

ENERGY COST REDUCTION

Commercial, industrial and retail building operators see peak demand charges as a significant portion of their utility bills. At the same time, operators are constantly looking for ways to reduce overall energy consumption. It's no secret that lowering peak demand and reducing overall consumption have a direct financial impact on the bottom line.

In today's energy environment there exists great opportunity for both savings and the creation of new revenue streams through participation in Demand Response (DR) programs. That said, the options for doing so vary widely in complexity and implementation.

Encycle's Swarm Energy Management® (SEM) solution delivers a non-intrusive, no-nonsense way to both control energy demand and open new Demand Response revenue streams.

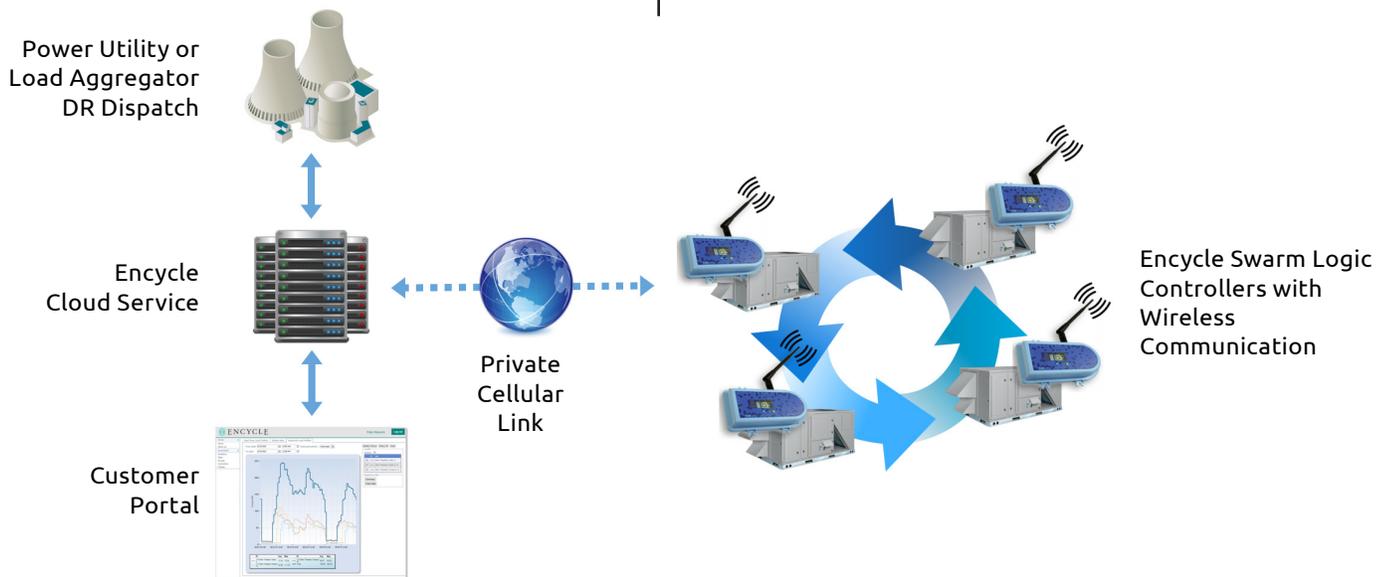
SOLUTION HIGHLIGHTS

Fine-grained control over how energy is used:

- Lowers peak demand charges using Encycle's patented Swarm Logic™ load management algorithms
- Provides reliable and consistent load curtailment during non-business hours
- Optimizes demand without sacrificing occupant comfort

Increased visibility into "per unit" energy consumption:

- Granular sub-metering of individual loads aids in pinpointing equipment failures and inefficiencies
- Effective feedback mechanism to maintain temperature set points
- Provides a system of checks and balances on the impact of equipment replacement and repair





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BENEFITS

- Delivers peak demand savings of 15% - 25%
- Overall energy consumption reduced by 10% - 30%
- Empowers customers to open new Demand Response revenue streams
- Visibility and control of your building's HVAC units available through Encycle's SEM Web Portal
- Requires no modifications to existing IT networks

SWARM ENERGY MANAGEMENT SOLUTION

The SEM Solution consists of easy-to-install SEM Controllers, at least one SEM Gateway, Encycle's Cloud Service and Web Portal. These components collectively execute our patented Swarm Logic™ load management algorithm, delivering customer value.

Encycle's SEM solution is ideal for a wide variety of buildings including retail facilities, distribution centers, warehouses, call centers, movie theaters, car dealerships, printing facilities, and mixed use commercial & light industrial space – essentially, lower & wide buildings with multiple packaged HVAC rooftop units.

Encycle has thousands of SEM control devices deployed managing over 100MW of load in a wide variety of buildings across the globe.

Join the growing family of customers that enjoy the benefits of Encycle's SEM solution. Contact an Encycle representative to structure a pilot project that suits your needs.

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