



Panel Metering Device

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SWTCH
Control™

Intelligent Load Management

The intelligent real-time energy manager and panel monitoring device that takes care of your EV charging system, so you don't have to.

As electric vehicles grow in popularity and new policies emerge requiring multi-tenant buildings to be “EV ready”, developers and building operators are faced with the necessity to provide access to EV charging.

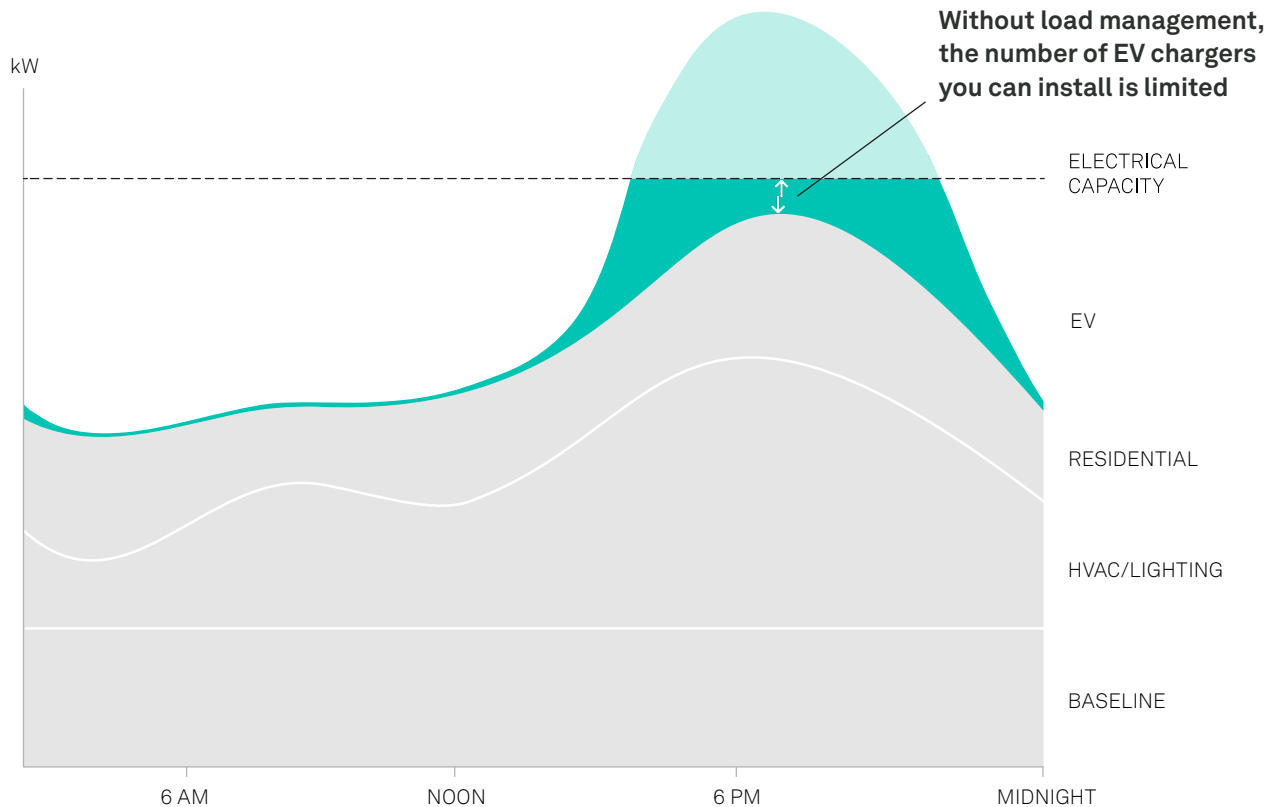
Intelligent load management is the single most powerful tool available to manage energy demands from EV charging while minimizing the additional cost of electrical infrastructure upgrades.



Load Management is a necessity for EV charging at multi-tenant properties

Without load management, your EV charging system must be designed to handle all chargers operating simultaneously, at full capacity, to prevent overloading your electrical system. This significantly limits the number of chargers you can install on your existing infrastructure.

To meet future EV charging demand without load management, you would need a dedicated circuit for each charger. This approach would require substantial upgrades to your electrical infrastructure, resulting in high costs.



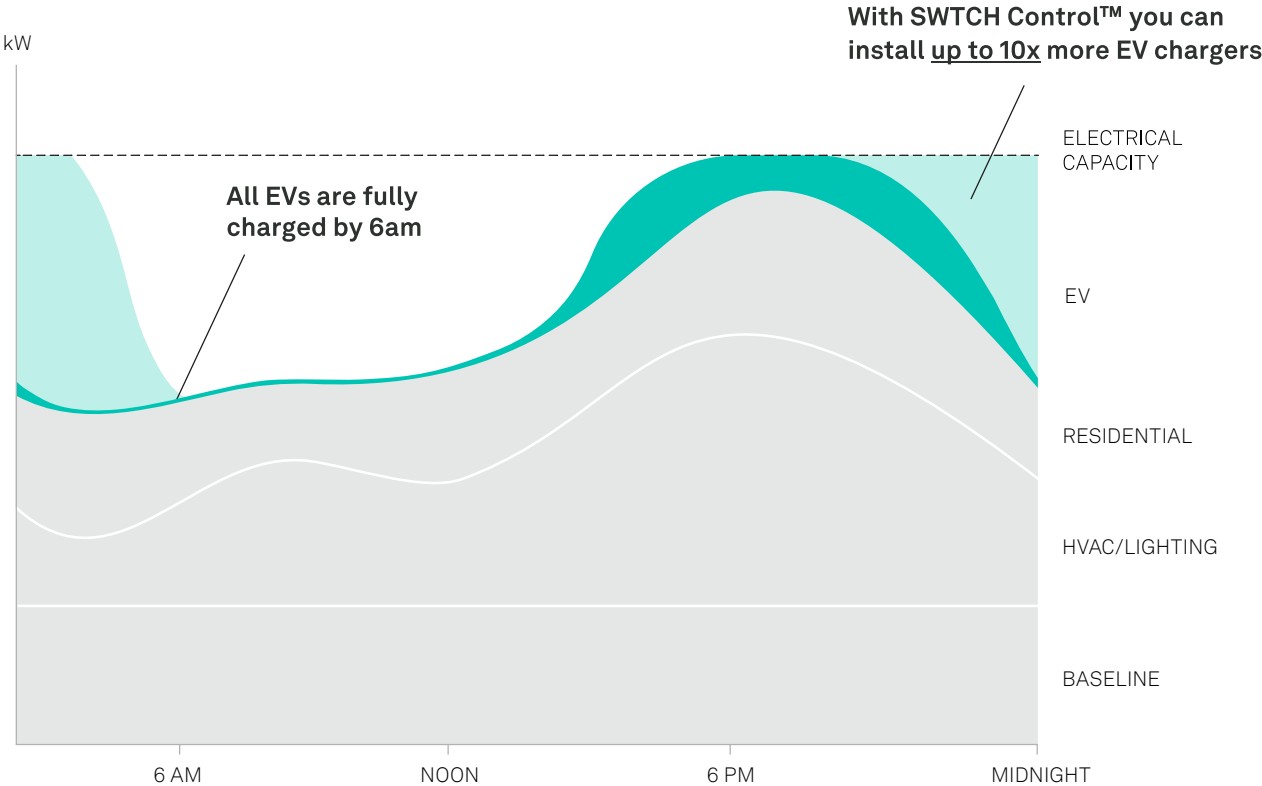
SWTCH Control reduces the cost of installing EV chargers by 70%.

To mitigate substantial infrastructure costs, you need to take advantage of all the available electrical capacity and effectively manage when charging occurs..

SWTCH Control™ does both.

During the design phase, SWTCH optimizes charger capacity at both the circuit and panel levels, ensuring efficient use of all available electricity.

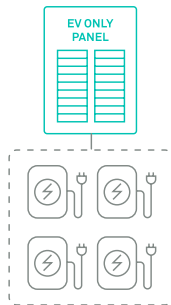
Once installed, SWTCH Control dynamically adjusts power based on the real-time availability, redistributing energy to the chargers from peak hours to quieter periods, such as late at night and early morning.



Configurations that maximize your available capacity

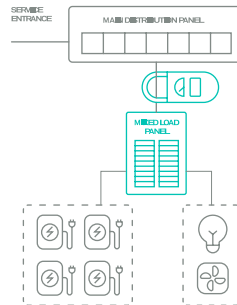
Through our initial assessment of your electrical system and energy load profile, we will design and recommend one (or a combination) of our energy management configurations—maximizing the available energy capacity of your circuit, panel, or property to satisfy the demand for EV chargers, today and in the future:

Dedicated EV panel



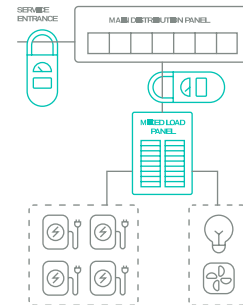
For properties with a panel dedicated to EV chargers, SWITCH Control™ ensures multiple chargers operate simultaneously within the panel's allowable limits, without requiring additional current sensors.

Mixed load panel



For panels serving non-EV loads, we'll install current sensors to utilize available capacity dynamically, enabling more chargers to be installed while avoiding infrastructure upgrades.

Comprehensive building monitoring



For those concerned about demand charges or utility demand response programs, we install additional sensors at the power distribution level to monitor the entire building's load, charging EVs only when capacity limits allow.

We've done
the work,
so you don't
have to.

At SWTCH, we're continually raising the bar on the efficacy of integrating EV chargers seamlessly into the existing electrical infrastructure of all types of buildings – from retrofit apartments to condo and commercial properties.



Connect with us.

Let's get started with a complimentary consultation. We'll walk you through the ins and outs of EV charging and ensure you get the right system for your property.

Email us today at
sales@swtchenery.com.

[SWTCHENERGY.COM](https://www.swtchenery.com)