

Energy & Decarbonization Solutions

Tuesday, September 13, 2022

The importance of reduced energy costs and decarbonization is increasingly important for commercial real estate competitiveness. Properties are dealing with a convergence of issues – rising utilities prices, increased expectations from tenants, investors and regulation, and emergent technologies like Renewables, Energy Storage, and Electric Vehicles – that significantly impact building operations. This webinar focused on technologies that are empowering property teams to economically manage this transition and create stakeholder value.



Watch the webinar [here](#)

Top takeaways:

Ecopilot® is Artificial Intelligence for real-time HVAC energy savings. The software overlays an existing Building Management System to deliver intelligent HVAC control based on the building's thermal properties, 5-day weather, and internal building temperatures. Benefits include:

- Improved tenant comfort.
- HVAC energy consumption savings of, on average, 25% annually.
- Optional PeakPilot feature for automatic HVAC curtailment during peak demand periods.

SWTCH Energy Inc. provides electric vehicle charging solutions for public, multifamily and commercial properties across North America. How can networked EV charging stations be managed to address electrical capacity constraints, while optimizing a building's energy costs and driver experience?

- **Networked and scalable:** EV charging solutions can help to minimize costly infrastructure upgrades and reduce barriers to EV adoption.
- **Charging infrastructure with dynamic energy management:** lowers energy costs, captures new revenue and improves tenant, resident and guest experiences.
- **EV charging networks** will help to address critical electricity distribution challenges in constrained urban areas, help flatten peak demand and reduce the need for carbon intensive generation and utility capital investments.

Peak Power optimizes building performance through energy storage and electric vehicles with a single solution. Their technology maximizes energy savings, reduces GHG emissions all while generating new market revenues for their customers.

Brightly's Zero Carbon Target Setting (ZCT) module in the Stream Utility Tracking platform provides a means to take control of your corporate net zero strategy by leveraging portfolio and asset-level utility data and allows for integrated fuel switching and carbon reduction efforts into corporate workflows and asset planning. The module helps you baseline GHG emissions, inventory building systems and expected renewal timelines, model equipment renewal/ decarbonization options as well as forecast and track progress towards your net zero goals.

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