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Site Controls CEO Dan Sharplin said he can shave significant dollars off of a company's utility bill.

GREEN INNOVATION
SITE CONTROLS LLC



WINNER

TAKING CONTROL OF ENERGY USAGE

Site Controls LLC has become a leader in helping businesses manage energy usage across large enterprises. The Austin-based company provides its services, in part, through devices that it monitors at clients' sites. Today, Site Controls monitors more than 400,000 devices, including those that feed real-time energy-consumption and usage data from interior and exterior lighting, heating and air conditioning equipment, wind turbines, trash compactors, batteries, signage, refrigeration and even indoor air quality controls.

Site Controls uses an above-site intel-

ligence that enables retailers to monitor and control energy at a micro level at any of their locations, all managed from a central, dashboard-driven command center. Site Controls is able to work with utilities to help dispatch loads in case of an energy-consumption incident, such as a heat wave or national emergency. The company can ease energy loads at client locations, such as stores or banks, in a way that customers and users don't notice.

One of Site Controls' major clients, arts and crafts supplies retailer Michaels

Stores, achieved significant savings with an energy-management system implemented at more than 1,000 stores. Savings initially reached 17 percent, and after implementing a holistic, data-driven management process, energy savings increased to more than 25 percent, Site Controls CEO Dan Sharplin said.

In addition, Site Controls can manage loads across locations of different companies in a cooperative effort. In the San Diego energy market, the company has aggregated 300 businesses and subscribed them to a dispatch load network.

As a result, the company has the capacity reduce power loads so substantially that it essentially acts a virtual generator in that market.

In Austin, Site Controls is the leading participant in Austin Energy's Power Saver Aggregator program for curtailing commercial loads.

Based on current load under management, the company estimates it is reducing carbon emissions by at least 215 million pounds per year — the equivalent of powering 32,000 houses or removing 44,000 cars from the road.