

# Verdigris Launches APIs to Manage Energy for Smart Buildings

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[Verdigris](#), a company that provides an AI-powered energy management and IoT platform for commercial facilities, has [announced](#) the launch of a new set of APIs to power smart buildings. This new set of Verdigris APIs includes an Energy API, Forecasting API, and Disaggregation API. The APIs allow customers to integrate Verdigris data with applications to gain insights about energy consumption, forecast electrical demand, and other meaningful energy-related insights.

Verdigris is an end-to-end energy management solution for commercial facilities that combines hardware, software, and AI to deliver data and analytics about building operations. The platform includes hardware consisting of 42 non-intrusive, snap-on current transducers (CT) in a daisy chain connected to a hardware bud. The hardware connects to a cloud-based analytics tool through 4G or Wi-Fi.

The [Verdigris API](#) makes it possible for third-party applications and systems to retrieve the data collected by buds in the Verdigris ecosystem. The APIs can be used by developers to create a dashboard that shows energy usage, power quality, and equipment health in real time. The initial set of APIs includes an Energy API to access energy consumption data (increments are minutes, quarter hourly, hourly, and daily), a Forecasting API to forecast building electrical demand based on historical data, and a Disaggregation API to track device-level energy usage from a single circuit. The company

plans on releasing additional APIs in Q4 including a Voltage API, a Power Factor API, and a Power Quality API.

"Advancements in artificial intelligence have evolved our platform to process a bigger data pipeline and bring our technology to as many facilities as we can, eventually transforming the building industry as a whole," said Mark Chung, Verdigris co-founder and CEO, in a [prepared statement](#). "Our ultimate goal is to create a sustainable planet, and we see AI becoming a connective layer and living entity that can manage and reduce energy from the device level through buildings to smart cities. This set of APIs will help developers easily integrate live energy data into their own solutions to help everyone get closer to that goal."

For more information about the Verdigris platform and APIs, visit <http://verdigris.co>.

