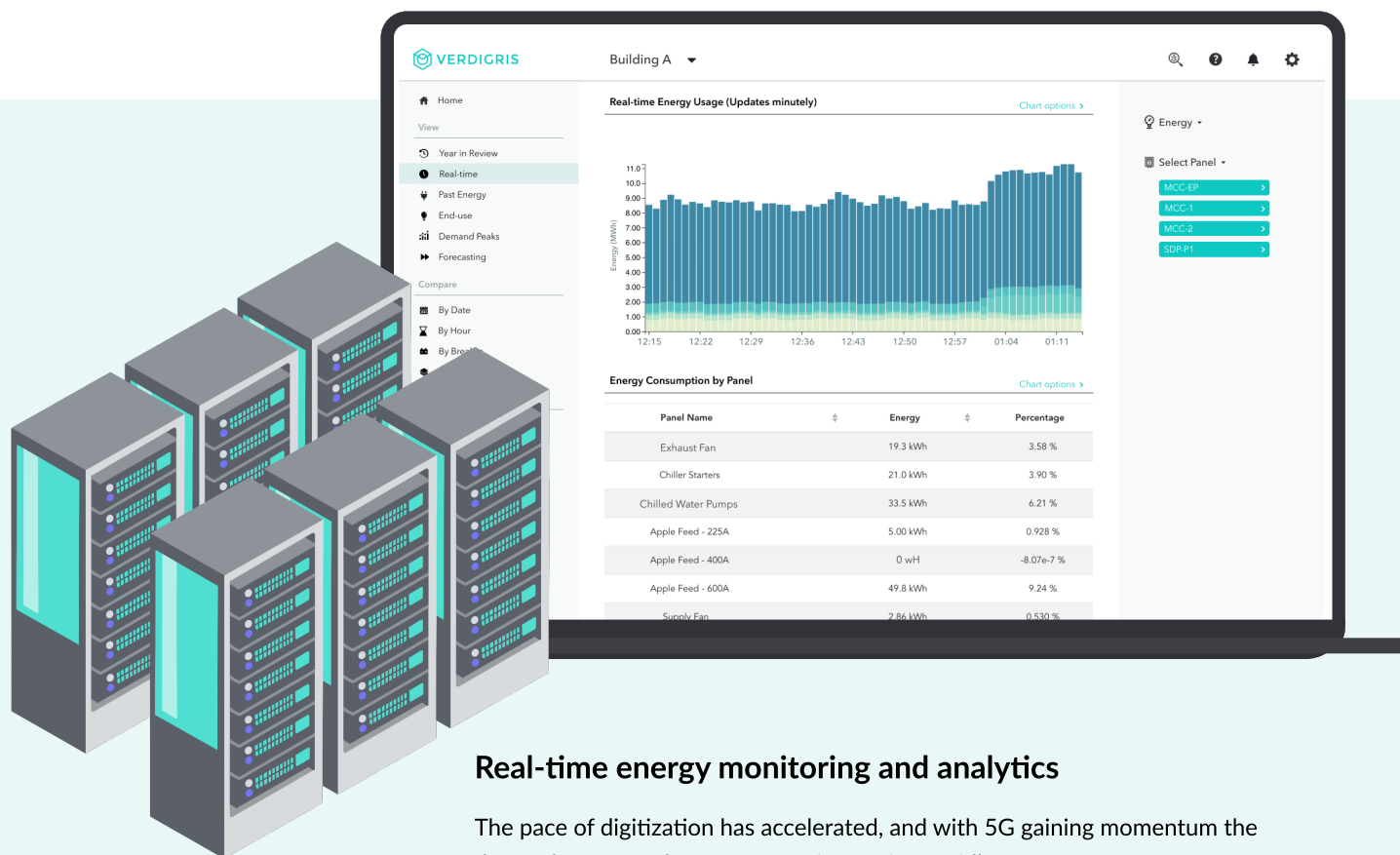# Energy Efficiency & Reliability
for Data Centers

Real-time energy monitoring and analytics

The pace of digitization has accelerated, and with 5G gaining momentum the demands on your data center are increasing rapidly.

Verdigris can help you optimize energy efficiency and plan your capacity upgrades at just the right time, deferring capital expenditures until they are really needed, with granular, real-time electrical data.

Capture highly-granular data down to the circuit level

Our IoT energy meters are simple and scalable to install, collecting the highest quality data for the lowest cost per metered endpoint in the industry.

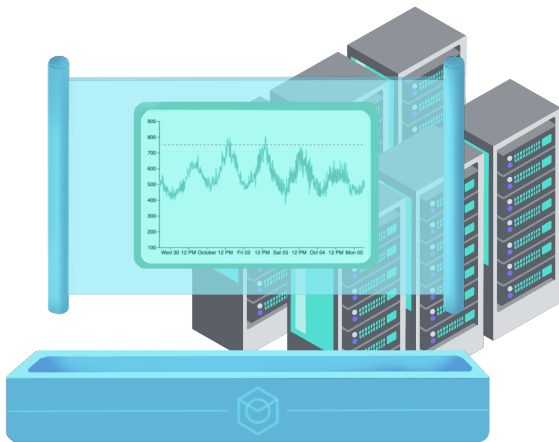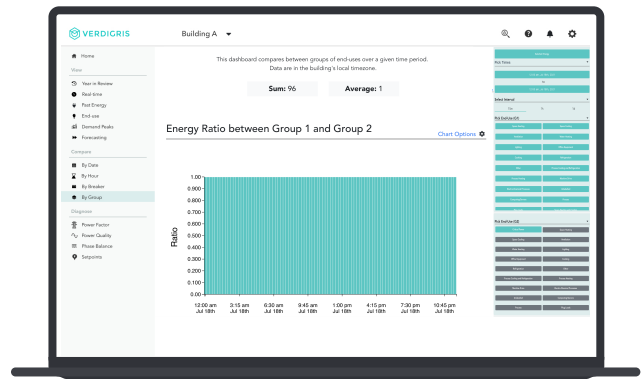### Improve power usage effectiveness (PUE)

See exactly what's happening with your energy consumption, so you can optimize your power and cooling loads to improve PUE.

Maintain the reliability of your critical infrastructure

Detect and diagnose equipment issues before uptime is impacted, from power quality anomalies to chillers running when they shouldn't be.

Detailed data and analytics you can act on

- Get full visibility into energy consumption down to the device level
- Collect highly granular electrical data for the lowest cost per metered endpoint
- Integrate real-time data into your data center operations and DCIM
- Optimize power and cooling to improve energy efficiency while maintaining reliability
- Detect anomalies to proactively identify equipment issues and improve maintenance
- Diagnose power quality issues to prevent downtime from unplanned equipment outages

Smarter capacity planning starts with better data

The demands on your data center are ever increasing, and planning for future loads is critical. But it also means you risk spending money on additional capacity before you need to.
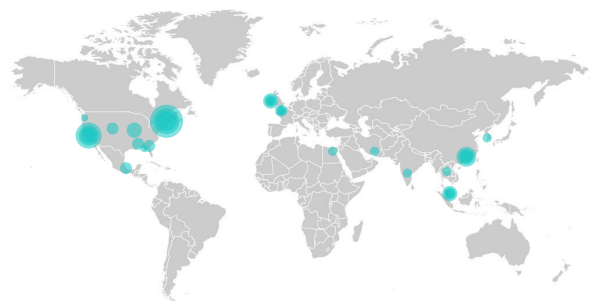
Verdigris gives you the highly-detailed, real-time building and equipment data you need to shed and shift loads, so you can maximize utilization and defer capital expenditures. Across a portfolio of data centers these savings add up to a significant contribution to the bottom line.

Your data center's path to savings starts here

Top global companies trust Verdigris to deliver the energy intelligence they need. With better data enabling smarter decisions, our customers see payback periods of less than two years and as fast as six months.

With you every step of the way

From installation and setup, to training and support, our supportteam is there to ensure you achieve your energy monitoring and sustainability goals with Verdigris.