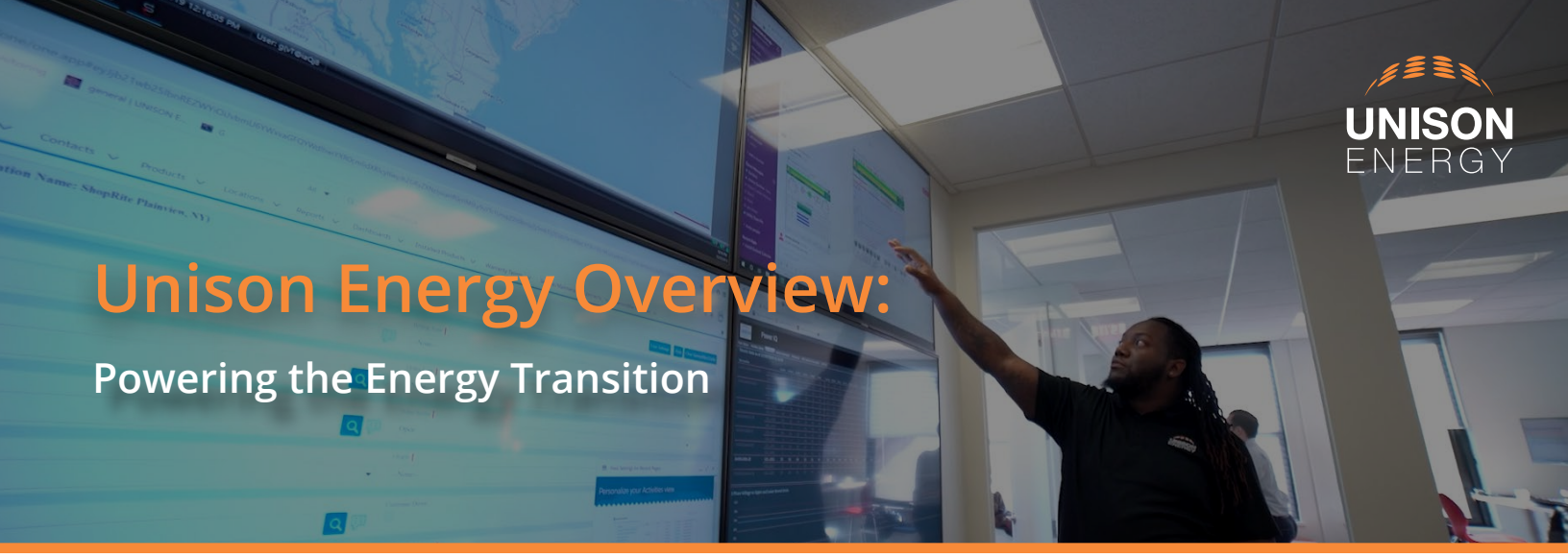

Unison Energy Overview:

Powering the Energy Transition

What We Do

Unison Energy provides on-site energy solutions that help our clients meet energy transition goals, while delivering reliable performance at a lower cost. Through an Energy as a Service (EaaS) model, we are the developer, owner, and operator of our systems. We finance the projects using our own capital, so our clients pay only for the energy they use.

Our microgrids are technology-agnostic and can include solar and battery as well as cogeneration systems that cover baseload electric and thermal loads. We can incorporate central plant upgrades, including EV charging infrastructure. During utility outages, our microgrids enter island mode and power up to 100% of the facility's load.

How We Meet Our Clients' Goals

Microgrids empower energy independence for our clients, who attain cleaner, more reliable power at a lower and more predictable cost than through the utility. They help sites meet corporate emissions targets and offer resiliency amid aging utility infrastructure and severe weather events.

Client Goals and Unison Energy's Solutions

1 Reduce Costs

Save 5-20% on your utility bills

2 Resilient Power

Island-mode capabilities for sustained power during grid outages

3 Reduce Emissions

Reduce baseline emissions 20-60% vs. the utility

4 Tailored Strategy

Custom solution with adaptive technologies for your site

5 Turnkey

Unison handles every step of the process

6 No Financial Burden

No upfront capital investment

Project Finance & Energy Analytics

We are the long-term owners of our projects, which stay on our balance sheet and are not sold to third parties. We have the expertise to help clients maximize financial opportunities.

Inflation Reduction Act: The Inflation Reduction Act has created a time-limited opportunity with financial incentives for clean energy technologies. We can help clients from across industries take advantage of these credits through our core and emerging technologies.

Core Microgrid Technologies and Applications

Microgrid:
30-40% ITC

CHP:
30-40% ITC

Solar:
30-40% ITC

BESS:
30-40% ITC

Energy Efficiency:
~$5/sqft.

Emerging Microgrid Technologies and Applications

CCUS:
45Q Credit provides $85/MT

EV Charging:
30-40% ITC

Renewable Gas:
45Z Credit provides up to $1/gal

Hydrogen:
45V Credit provides a $3.0/kg PTC

On-balance-sheet project finance: Our clients put no money down because we finance our microgrids using 15-20 year energy services agreements. Our ESAs ensure that our interests are aligned with the client's interests, because we only earn returns when the project is operating and delivering benefits to the client. Our projects are backed with more than $150 million in equity capital commitments from highly regarded, long-term investors American Infrastructure Funds and Hunt Companies, Inc.

Project modeling: We have developed in-house project pricing systems and a proprietary database of over 121 utilities and 720+ tariffs to properly size, model, and track every project's long-term performance.

Engineering & Project Management

Because we own the sites, we invest in building for long-term operation.

In-house engineering: Our team holds 45+ patents, with expertise that spans microgrid design, applications engineering, central plant integrations, electrical interconnect, emissions permitting, and incentive applications. We have deep experience in power generation, including CHP reciprocating engines and turbines, solar, storage, and fuel cells.

Construction management: Our project management team purchases major equipment, coordinates construction schedules, and manages contractors and all permitting, including emissions and environmental, utility interconnect, and local building authority permits.

Operations & Maintenance

Because we own the sites and our revenue depends on it, we are proactive in identifying and resolving issues quickly. As a result of our high standards, we regularly exceed 97% uptime compared to the 92% industry average.

Field service: Technicians are assigned ownership of 2-4 sites and take the lead on coordinating planned and unplanned maintenance with the remote monitoring teams. Unison Energy has over $1M in spare parts to minimize resolution times.

Real-time monitoring: Our 24/365 remote monitoring teams resolve most problems remotely, as they track and analyze 400-700 system performance data points for immediate updates on site operations.

PowerIQ: We built a proprietary, data-driven, machine learning application for remote monitoring and diagnostics that includes advanced predictive analytics and performance tracking. Our integrated communication platform shares data among our monitoring teams, field technicians, and internal engineers. Our real-time data is available for integration into client BMS systems and on a mobile application.

Predictive Analytics: Our data warehouse gathers 50-80 million data points per day at each site. We are developing AI tools to analyze vibration, noise, and statistical anomalies and further enhance performance.

Our Experience

Founded in 2010, Unison Energy has grown rapidly thanks to our innovative solutions for the energy transition. Notable projects include:

TidalHealth Peninsula Regional, where our microgrid won a 2019 Energy Project of the Year Award from the Association of Energy Engineers.

Gaylord National Harbor Resort and Convention Center has saved $1 million in annual energy costs for its 2.4 million square feet of space and is the subject of a Department of Energy case study.

Cyxtera Data Centers, where our CHP systems integrate with chillers and cooling towers to keep the facilities cool, while offering over $1M in first year energy cost savings.

Unison Energy Serves 6+ Industries

Next Steps with Unison Energy

1

Initial Analysis

Your facility provides 12 months of electric and gas bills, and electric interval data if available, along with a primary facility contact.

2

Site Walk

At this stage we provide a detailed feasibility assessment, while the client provides a letter of intent.

3

ESA Contract

After you sign we begin construction, handling all permitting, including air and environmental, utility interconnects, and local building authority.

4

Construction

We manage the design engineering and construction process, which may last anywhere from 12 to 24 months depending upon equipment and complexity of the microgrid project.

5

Commissioning

At this stage we ensure system optimization and gain permission to operate from the utility.

6

Monitoring & Maintenance

After system startup, the site transitions to our system monitoring, optimization, and operations team.

To learn about the benefits Unison Energy can offer your facility, please get in touch with our team.