AI Powered Energy Management

Montana Data Centers via microgrids

April 14, 2026, 7 am PDT

Live Stream Seattle Washington

Mounika VB Rudrad

Did you ever wonder how these energy hogs manage power? Listen to experts in the field on how they are using CHP and hydrogen to generate electricity and how these distributed energy resources are being managed. We have three great speakers talking Walters, Rudrad, and Jambunathan. Don't miss! Can we save you a seat? Yes

Register at:
https://www.microgridconsortium.com/event-details/montana-data-centers-via-microgrids

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Mounika VB Rudra, an enthusiastic and innovative electrical engineering leader who has expertise in Power Systems focused area. An operational & technical expert having 7+ years of service in national level organizations like Schneider Electric and OATI as a senior technical contributor who is responsible for the design, analysis, integration, and validation of complex electrical power architectures supporting radar systems. Also collaborated closely with cross functional teams to ensure power solutions meet performance, reliability, safety, and cost objectives throughout the system lifecycle. Acted as bridge between technical design with daily operations of energy managing teams to optimize generation, transmission, or distribution assets while navigating regulatory compliance and modernization efforts which include leading maintenance planning, troubleshooting, and smart grid innovation.

Suresh Jambunathan

Suresh Jambunathan's expertise includes developing sustainable energy (power, steam, hot water, chilled water) and water treatment projects. His wide-ranging experience includes process design, project engineering, permitting, financial modeling, contracts structuring, offtake agreements, equipment procurement, plant construction, asset commissioning plus non-recourse project financing. He has developed district energy, water desalination and resource recovery projects utilizing technologies like Combined Heat and Power (CHP), Anaerobic Digestion (AD), renewable energy, and energy storage. His sector expertise includes food, beverage, agriculture, refining, petrochemicals, mining, cement, and silica foundries. As an on-call US Dept of Energy (DOE) Technical Assistance Program (TAP) expert consultant, his innovative ideas to sustainably cut the cost of energy & water at industrial sites have morphed into several operating projects. He is the owner of Energy and Water Development LLC (EnWaDev), offering process consulting, & project development plus asset operations & maintenance services. Suresh's formal education includes a BE in Petrochemical Engineering from MIT Pune, India and an MS in Food Science from the Pennsylvania State University, PA. As of 2025, his achievements include designing and co-developing an under-construction $40 MM natural gas CHP system at IIT Mies campus in Chicago and a specific CHP-microgrid solution for data centers.

Dennis Walters

Chief of Staff, Stars Technology Corporation. STARS is introducing a solar augmented, microchannel steam methane reformer to make hydrogen from water and natural gas. This disruptive technology will produce low cost, low carbon hydrogen at the fuel cell fueling stations at under $5 per kilogram, initially. With moderate production (100 per year) volumes the levelized cost of the hydrogen will be about $2 per kilogram. STARS is currently in discussions with Southern California Gas Company to add hydrogen fueling capabilities to natural gas filling stations to support fuel cell vehicle use in California. The company is currently looking for financial backing needed to bridge to profitability.

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