IEEE Tech Talk AI and Microgrids

February 22, 2024, 4 pm PST

Live Stream Seattle Washington

Find out how your facility can be turned into a Smart Facility using AI (Artificial Intelligence) and ML (Machine Learning). Sell power back to the Utility Grid using smart software. Join us today!

Vybe Energy's AI-Driven Whole Building Optimization and Control. The flagship product turns your facility into a "smart" building by synergistically managing all of its energy usage, generation, and storage under a single master controller. The patented AI-driven software uses machine learning algorithms that allow for dynamic predictive modeling of building load, on-site energy production, and battery charge and discharge to maximize demand reduction and utility savings while reducing greenhouse gas emissions. It can also generate additional revenue streams from participation in utility programs and wholesale energy markets, thereby delivering comprehensive load management into the hands of the customer.

Nisha Thirumurthy

Vybe Energy is led by Nisha who has over two and a half decades of international and domestic work experience in energy technology deployment, renewable energy project development and strategic planning. She specializes in the techno-commercial analysis and optimization of various microgrid systems and impact of different policies on the overall project returns. She has a broad understanding of energy storage systems

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and components, net metering opportunities and integration with the electric grid. Nisha began her career at Deloitte Consulting's Energy practice which among her many projects included working on supporting Hong Kong's electricity sector deregulation. She subsequently went on to work at the Clinton Climate Initiative as the Director of Transportation tasked with the responsibility of accelerating the commercialization of advanced automotive technologies. Her most recent experience includes spending over a decade at the National Renewable Energy Lab where she has supported renewable, energy resiliency, and microgrid projects at government agencies in the US and abroad. Nisha holds an MBA from the Tuck School of Business at Dartmouth College and a Masters in Energy and Economics from the Johns Hopkins School of Advanced International Studies.