Microgrid Consortium Team

Our Vision Statement

We stand together in the Microgrid Industry. We are stronger together. We bring operational microgrids to our clients where they enjoy cost savings, sustainability, connection to the grid, reduction in carbon, resiliency, and energy efficiency. Our team includes designers, suppliers, commissioners, testers, and financers. We provide an operational microgrid using energy as a service where we sell power back to the Utility using power purchase agreements and energy incentives to provide you our client microgrids at low or no cost. Each project we select the most qualified team partner to meet our clients' needs.

Our Teaming Partners Include:

- ✓ Bizztech
- ✓ Egret
- ✓ NuEnergy
- ✓ Loyal Source
- ✓ Integrated Power Systems
- ✓ AZZO
- ✓ AviXéla
- ✓ End to End computing
- ✓ Enwadev

Our team includes:

- ✓ Pamela Hamblin, Marketing Business Dev
- ✓ Barry Gillespie, Telcom Energy Services
- ✓ Rob Wieska, Power Distribution
- ✓ Sheikh Suhail Mohammad, Researcher
- ✓ Mike Brisbois, PE Electrical Engineer
- ✓ Robert Williams, UPS, BESS
- ✓ Jason Heindel, Microgrid Controllers
- ✓ Eviana Breuss, Cybersecurity
- ✓ Esteve Mede, Energy Nano devices
- ✓ Suresh Jambunathan, CHP

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Barry Gillespie

Telcom Energy Services

Barry Gillespie is the Global Vice President for Strategic Partnerships at BizzTech, the AI Industrial Metaverse Platform for Smart Spaces. He has 34 years of experience in Telecom, Energy Services, and Smart Cities. Barry is passionate about working towards smarter communities, businesses, and government, focusing on building immersive, AI-powered metaverse platforms that reshape how people interact with cities, industries, and education. Barry studied at the University of Georgia, followed by e-Commerce Strategies at Wharton and Wireless Data Applications at MIT. Barry has also completed his professional certificate in Leading Smart Cities at Pepperdine. Working with a company that is both a platform provider and integrator for smart spaces, Barry collaborates with numerous organizations to explore new use cases that combine immersive technology, real time data, and AI to turn physical environments into intelligent, interactive, and photorealistic ecosystems.

Projects include:

Rob Wieska

Power Distribution

Rob Wieska is an Executive Vice President and Senior Executive Recruiter at Egret Consulting - the largest search firm dedicated exclusively to serving the Electrical Industry. Rob's expertise is Power Distribution - all manufactured products and associated controls / communication protocols, Automation Technologies (including generation and controls products), grid / distribution automation, industrial automation, building automation and controls, and Renewable Energy (including wind, solar, battery / energy storage systems, DERs, EV charging, microgrid applications, and other emerging technologies). Rob recruits for Sales, Marketing, Operations, and Engineering roles. Individual contributor roles to Senior Leadership / C-Suite. His clients include Manufacturers, Distributors, Rep Agencies, EPC's, Energy ESCO's, Electrical Contractors, Utilities, PE/VC Firms, and more!

Projects include:

Pamela Hamblin

Business Development Director

Business-savvy and performance-driven professional with substantial experience developing and executing effective sales and marketing strategies to meet/exceed business needs and goals. Proven success in ensuring flawless execution of sales strategy to build growing, sustainable, and profitable business. Proficient in designing and implementing optimal go-to-market model based on dynamics and business strategy, including sales roles, coverage models, and team configurations to maximize productivity. Well-versed in monitoring customer, market, and competitor activity, providing feedback and strategic recommendations to business, company, and relevant functional leadership teams. Instrumental at fostering and maintaining business relationships with key internal and external stakeholders as well as collaborating with cross functional teams on upstream and downstream marketing goals. Expert at coaching, mentoring, and raising team's ability to deliver and exceed expectations while creating opportunities for succession talent.

Areas of Expertise
- Strategic Sales Planning
- Budgeting & Forecasting
- Staff Development & Leadership
- Process Improvement
- Stakeholder Management
- Account Management
- Revenue/Profit Optimization
- Relationship Building
- New Business Development

Key Accomplishments
- Prepared and published papers for ASME on both boiler reliability and high-energy piping.
- Published feature articles in power engineering magazines and inspection journals.
- Participated at Electric Power Conference, Power-Gen, and 23rd Annual IPEIA Conferences.
- Developed and maintained 9K+ resource contacts within utility and industrial sectors.

Projects include:

Mike Brisbois, PE

Senior Executive Director

Founding member of the Microgrid Consortium. As an Electrical Engineer with design experience, project management and leadership skills. He has worked in the building, space, and technology sectors. He has hosted and presented at many technical sessions and conferences. He is a technical competent leader and able to get things done. Mr. Brisbois has his Professional Engineering license in the State of Washington, Oregon, Texas, Illinois, California, and Missouri. His focus is on leading sustainable energy projects. Completed the Certified Energy Management course. He is a board member on several technical organizations.

Projects include:
$40M Microgrid Critical Power Backup Facility Indian Island Washington
California Telecom off grid microgrid
NAVFAC PV array
Snoqualmie Ski Resort Solar Array
New York Bus Depot
South San Francisco Wastewater Treatment Plant Solar, Battery Energy Storage System, Controller

Dr. Sheikh Suhail Mohammad

Dr. Mohammad is a senior microgrid researcher and consultant with 7+ years of experience in microgrid research and analysis. He developed microgrids with various green power sources and energy storage systems for different applications, focusing on design, power management, control, and optimization for improved performance, reliability, and affordability. He has conducted extensive simulations and experimental microgrid testing, resulting in several research grants, journal publications and conference presentations at international venues that contributed to advancing knowledge in the field. These experiences improved his technical, project management, and leadership skills. Sheikh's goal is to find innovative solutions to complex power and energy challenges and explore new avenues where he can train next-generation young engineers in power and energy systems.

Projects include:

Eviana Alice Breuss

At AviXéla Companies Inc., Eviana's leadership is driven by a deep commitment to technological advancement and STEM education. Her group addresses organizational challenges by leveraging innovative industrial nanotechnologies to strengthen applied sciences and implement a systemic approach. This includes pioneering the use of alternative energy sources for developing cutting-edge nanodevices, high-purity advanced material processing, and natural resource preservation. Her group's collaborative work focuses on developing cost-effective, high-purity nanomaterials and environmental nanotechnologies for diverse industrial applications, including pharmaceuticals, microelectronics, analytical instrumentation, water analysis, plasma sterilization, food preservation, and polymer treatment. We integrate interdisciplinary expertise into the design, development, and implementation of advanced adaptive acoustic devices, cold atmospheric and liquid plasma devices and their integrated systems, the synthesis of unique nano- and Pico materials, and green energy production and storage. Her team's multidisciplinary nature and the broad range of applications have allowed us to produce nano- and Pico materials from noble, alloy, and compound metals using plasma-liquid interfaces. This approach offers significant advantages, including eliminating the need for reducing chemical agents, simplified manufacturing design, and reduced costs. Nanomaterials' unique electrical, optical, magnetic, and catalytic properties make them valuable in various applications, such as drug delivery systems, biosensors for biomedical imaging and diagnostics, nanophotonic sensors, electrolytes, semiconductors, and phononic crystals. Furthermore, as Founder and President of the Alecloud Kids Foundation, I am dedicated to empowering children, particularly those with mental and learning disabilities, by providing enhanced academic and social opportunities in STEM. We have successfully launched evidence-based programs and expanded professional care, employing a systemic approach that integrates direct emotional, cognitive, and special educational services.

Projects include:

Esteve Mede

Esteve Mede is a cybersecurity specialist. Data breaches cost Businesses an average of $7 million. Esteve provides cyber security services to both public and private clients in diverse sectors including health, finance and non-profits. Data is meant to be protected and not compromised. At End-to-End Computing, this group is backed by IT and Cyber Security Professionals with over 50 years' combined experience in offering cost-effective cyber security solutions and services tailored towards clients' specific needs. With strong understanding of the threat that cyber-attack poses on business and corporate entities, his group leverages top-tier data security technologies to curb the daunting challenges of data insecurity. With your interests in mind his group blends professionalism with unrivalled customer service to provide comprehensive threat detection and actionable incident response directives. Esteve's group delivers flexible solutions, deploys quickly, easily and improves client's security posture. As AI becomes more prevalent cybersecurity threats may increase in our renewable energy industry, and our facilities may become more vulnerable. With Esteves joining the consortium will provide our clients with protection against cyber threats in both hardware and software of the microgrid industry.

Projects include:

Bob Williams

Mr. Williams is a design and consulting specialist for power quality in datacenters, industrial and commercial environments, UPS systems, datacenter power distribution, surge suppression, harmonic mitigation, voltage regulation and power distribution. Also offering battery energy storage systems (B.E.S.S.) for microgrids and carbon reduction in green building construction. Since 1999 Bob has been assisting customers in the application of power quality equipment into critical environments. He has been working with consultants and design-build contractors on UPS system applications, offering the most efficient redundant designs to maximize power utilization, availability and efficiency. Understanding today's political, economic and environmental needs and trends, Mr. Williams focuses his interest and time toward providing products and solutions that help his customers reduce their operating costs and carbon footprint. Having two decades of experience in the electrical industry on the wholesale level, Bob has a comprehensive understanding of all aspects of product selection, coordination and the supply chain. He is one of the founding members of the Microgrid Consortium.

Projects include:

Jason Heindel

Jason is a designer and implementer of IoT (Internet of Things) technology solutions. He is a catalyst for change and innovation for his clients, helping improve their business outcomes with integrated IoT technologies and solutions. Mr. Heindel is an experienced leader with a demonstrated history in the architectural/engineering/construction industry. He has focused practice areas in Energy Management, Power Automation, Electrical Engineering and Digital Systems. He holds a master level Schneider Electric EcoXpert in the EcoStruxure Critical Power Program.

Projects include: