

NOI DE-FOA-0002847

TEAMING PARTNER LIST

UPDATED NOVEMBER 01, 2022

<u>Organization Name</u>	<u>Contact Name</u>	<u>Organization Type</u>	<u>Area of Technical Expertise</u>	<u>Description of Capabilities</u>	<u>Contact Information (Email, Address, Phone #)</u>
University of Houston	Xingpeng Li (Assistant Professor)	University	Power system operation, control and planning, wholesale power energy markets.	R&D: Power system/microgrid operations and planning, day-ahead scheduling, real-time dispatching, frequency regulation, grid ancillary service, optimization, machine learning, electricity pricing in energy markets, electric network congestion analysis, cost-benefit analysis, and analyzing the various impacts of new power plants including tidal/current power plants on power systems.	xli83@central.uh.edu 4800 Calhoun Rd, Houston, TX 77004 713-743-9881
NH Dept. of Administrative Services State Energy Management Office	Albi Fioravante	State Government	Energy Management	Prime siting available to conduct research, and install Tidal Energy technologies. The Piscataqua river located in Portsmouth NH has one of the highest potentials' for Tidal Energy technology deployment. The State of NH has a plethora of real-estate located along the Piscataqua river ideal for Tidal Energy Utilization.	Albdios.V.Fioravante@das.nh.gov 64 South St. Concord, NH 03301 603-271-7920
Marquette University	Dr. Ayman EL-Refaie	University	High power density electrical machines/generators and drives	World class capabilities in the design, analysis and testing of advanced electrical machines and drives. Extensive experience with designing different type of machines and drives for a broad range of power ratings and speeds.	ayman.el-refaie@marquette.edu Marquette University Opus College of Engineering Dept. of Electrical and Computer Engineering Engineering Hall, 246 1637 W. Wisconsin Ave

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					Milwaukee, WI 53233414-288-4471 (414) 288-4471
Tidal Energy Corporation	Chris Lee	Technology agnostic Marine Energy to Green Hydrogen Development company headquartered in Anchorage, Alaska	Project Development, Project Management, and Execution	Leadership, team building, creative problem solving, adaptive management, over the horizon vision, and world building.	lee@tidalenergycorp.com 821 N Street, Suite 207 Anchorage, Alaska USA 99501 (504) 875-8223
VBASE Oil Company	Michelle DiMaio	Environmentally Friendly Hydropower Lubricant Supplier and Developer	Lubricants	Hydro T-EL, our environmentally acceptable lubricant developed under DOE-WPTO funding specifically for hydropower, offers exceptional lubricating performance and is also biobased, biodegradable, non-toxic, and non-bioaccumulating. Hydro T-EL is currently in field trials in Europe in a partner's in-river unit and beginning a field trial in the thrust bearing of a Kaplan turbine at the Vattenfall Porjus facility in Sweden in Q1 2023. Our development teams at our parent company, Tetramer Technologies, can provide further customization and lubricant formulation help for partners who want to utilize environmentally safe lubricants in their marine energy solutions.	mdimaio@vbaseoil.com 657 S. Mechanic St. Pendleton, SC 29670 864-502-2321

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Clayste Energy Systems	Steve Clayton	Manufacturing & Design	CAD/CAM Machinist & Chief Technology Officer	<p>Machining Haas VM-2 and 3D printing solutions.</p> <p>Developer of a new OWC Bi-directional Axial Impeller Turbine. Hydrogen Desalination Prototype.</p>	<p>sclayton@clayste.com</p> <p>541-941-8969</p>
University of Alaska Fairbanks, Alaska Center for Energy and Power	Ben Loeffler	University Research	Current energy converter R&D, riverine field testing, marine energy resource assessment	<p>UAF has operated the Tanana River Test Site (TRTS) for 10 years. TRTS is a road accessible and fully permitted riverine test site capable of deploying hydrokinetic turbines up to 3m diameter in velocities up to 2.5 m/s. UAF has worked with turbine technology developers at various TRL stages to field test and develop novel hydrokinetic systems. UAF routinely performs resource and performance assessments, consistent with IEC 114. Capable of deploying ADCP, ADV, single beam and multibeam instruments in any Alaska waters.</p>	<p>bhloeffler@alaska.edu</p> <p>907-888-2569</p>