

# FAU SOUTHEAST NATIONAL MARINE RENEWABLE ENERGY CENTER

January 2, 2021

Nexus Hydro, LLC  
5391 Lakewood Ranch Boulevard, Suite 100  
Lakewood Ranch, Florida 34240

Mr. Andreis,

During several technical meetings between our engineering teams, you shared your commercial interest in locations offshore Jupiter, Florida. On behalf of the Southeast National Marine Renewable Energy Center (SNMREC) at Florida Atlantic University, I would like to express our encouragement for Nexus to pursue a commercial project off the coast of Palm Beach County, Florida.

SNMREC has developed the world's premier ocean current energy test expertise and has previously negotiated a lease from the U.S. Department of Interior Bureau of Ocean Energy Management (BOEM) to conduct marine and hydrokinetic activities on the outer continental shelf in southeast Florida. Studies indicate that ocean current energy projects, while more capital intensive than wave or tidal alternatives, do offer the quickest path to commercial capture of open ocean current resources identified by the U.S. Department of Energy as technologically feasible (163 TWh/y in the U.S. and 45 TWh/y in Florida). Your approach, which is focused on reducing complexity and maintenance costs over the life of a project, may offer a compelling opportunity compared with the generic reference models used by the U.S. Department of Energy study.

Therefore, we strongly encourage Nexus to seek commercial opportunities in the U.S. and look forward to formally initiating the collaboration planned in our mutually executed Memorandum of Understanding. As discussed, we look forward to assisting your technology development efforts in southeast Florida – building and testing Nexus turbines for installation at various sites worldwide. Please do not hesitate to contact me with any questions or comments, and I look forward to your response.

Sincerely,



Gabriel M. Alsenas,  
Director, FAU SNMREC