2610 Tennessee Avenue
St. Louis, MO 63118
314-772-6047

Smart Future

December 16, 2008

U.S. Senate Committee on Energy and Natural Resources
304 Dirksen Senate Building
Washington, DC 20510

Dear Ms. Calabro:

Thank you for receiving my call today concerning the desire to present at the Wednesday hearing regarding investments in clean energy and natural resources projects and programs to create green jobs and to stimulate the economy. As I mentioned I represent former leaders of NASA and other scientists in their company as well as the residents of eleven communities along the Mississippi River in southwestern Illinois. I have attached to this letter the communication that was sent in July to President-Elect Barack Obama by the eleven mayors of those communities.

Equitech International, LLC (EI) is a consortium of 23 sister companies holding all of the licenses and patents for an advanced renewable energy system (ARES). These former leaders of NASA/JPL have developed and proven two concepts that they propose to merge into one national exemplar of ***stand-alone, emissions-free power*** that can kickstart a new ARES industry of exportable replications worldwide. The two concepts have been previously proven at the cost of $55 million. Proofs of concept on Solar Fuel Cell Regeneration (SFCR) and Waste Steam Reform System (WSRS) are ready for design-build construction by a turnkey contractor, Whiting Turner. The WSRS component processes the worst waste elements in society (medicinal, industrial, and agricultural).

Equitech has partnered with the Metro East Citizens Land Cooperative (MECLC), a community investment corporation, to build the 7.5MW E-Macrosystem power plant and manufacturing center in East St. Louis where the surrounding communities would benefit from the 2,300 green jobs created by the demonstration alone. The exemplar is 105,000 s.f. with 90,000 s.f. available for EI/MECLC's first committed tenant, a solar energy products manufacturer. The exemplar will cost $65,000,000 to construct. Due to the numerous profitable by-products of the E-Macrosystem, debt service on replications is short term. By products include premium power demanded by pharmaceuticals and computer chip industries, pure water, hospital-grade methanol, and more.

In addition to having national and international implications, the economic stimuli in the eleven impoverished communities of the MECLC include the dividends that will be paid directly to resident shareholders of the community investment corporation, income tax, and retail tax revenues. Please see the attached list of benefits for supporting the E-Macrosystem and consider inviting EI to speak on Wednesday. The CEO is located in Washington, DC, and would be available on short notice.

Sincerely,

Laura Filbert Zacher

E-MACROSYSTEM, 7.5 MW ADVANCED RENEWABLE ENERGY SYSTEM
BY EQUITECH INTERNATIONAL, LLC with
METRO EAST CITIZENS LAND COOPERATIVE

Equitech International LLC and Metro East Citizens Land Cooperative (MECLC) would like to stress the following point pertaining to the importance of funding the first project: the emissions-free E-Macrosystem power plant and shell building that will support manufacturing of advanced renewable energy system components for nationwide and worldwide export from the Metro East St. Louis, Illinois area:

OPPORTUNITIES

1. Advanced Renewable Energy Systems (ARES) manufacturing is a new industry that will contribute to the ECONOMIC BASE of any community.

2. The E-Macrosystem will create 2300 new jobs that are considered "good jobs" that pay well and provide benefits.

3. The Waste-to-Energy component of the E-Macrosystem processes the worst toxic waste and provides a solution to industrial waste handling within the State and elsewhere.

4. The success of the E-Macrosystem holds the promise for the national, state local expansion opportunities through replication of the E-Macrosystem in new markets.

5. In addition to producing 7.5 MW of Premium Power, the E-Macrosystem generates other products to sell and additional revenue streams that contribute to economic feasibility.

6. MECLC's partners are prepared to expand manufacturing of advanced renewable energy systems components in the Metro East as soon as the national demonstration E-Macrosystem pilot is built.

The E-Macrosystem should qualify for support from various Federal agencies because it:

- Offers premium power capable of being independent of (or linked to) the utility grid and capable of supporting battery-powered "plug-in" vehicles.
- Supports needs in remote locations. (Solar fuel cell regeneration produces electric power, heat and water from recycling of all forms of organic waste, including biomass).
- Can be mobile, including marine capabilities when replicated on a ship. (When unique systems patent is commercialized, ships can be moved from port-to-port using the two technologies of the national demonstration / pilot project.)
- Can be applied to reduce the costs of penal systems by enabling prisoners to produce marketable components and profits for victim restitution, family support, prison operations and related enterprises in the communities in which they locate.
- Has been proven to have tunnel-safe transport implications through the use of its solar fuel cell regeneration power – no threat in tunnels, non-combustible.