

MECLC Project

The Metro East Citizens Land Cooperative would like to stress the following points pertaining to the importance of funding its first project, the emissions-free E-Macrosystem power plant and shell building that will support manufacturing of advanced renewable energy system components for export from the Metro East area:

STATE OF ILLINOIS

1. Advanced Renewable Energy Systems (ARES) manufacturing is a new industry that will contribute to the ECONOMIC BASE of Illinois and the Metro East communities.
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 State and the Metro East Area of 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.

HOMELAND SECURITY - DEPARTMENT OF DEFENSE & AGRICULTURE

The E-Macrosystem:

- Is capable of being independent (or linked) of the utility grid.
- Provides all needs in remote locations (heating, cooling, electric, water from waste recycling and solar fuel cell regeneration).
- Has marine capabilities when replicated as a planned community on a ship – when patents are commercialized, it can meet all needs and move from port-to-port using the two technologies of the national demonstration / pilot.
- Be applied to penal systems located anywhere that are revenue producing for productive prisoners to contribute to funding victims, families, and 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.