Distributed Biomass Energy Production System
Utilizing Microwave Assisted Pyrolysis

Local farmers grow perennial grasses to be converted to bio-crude oil via pyrolysis at farm or local community owned units minimizing transportation costs. Each Unit would process about 8,000 Tons per year. Densification ratio is 7.5:1.
Microwave Assisted Pyrolysis

Syngas  →  Bio-Oil  →  Char/Ash