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Research-to-Power: The sCO₂ Future

Coordination and contributions to component research and system demonstrations by Sandia National Laboratories

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ENERGY



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Research Progress to the sCO2 Future



ECHOGEN
power systems

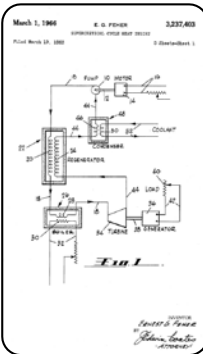


Theory

Exploration

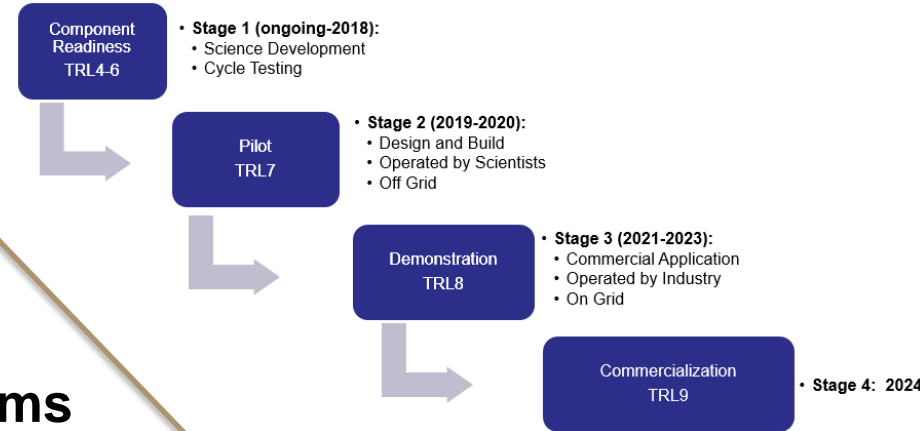
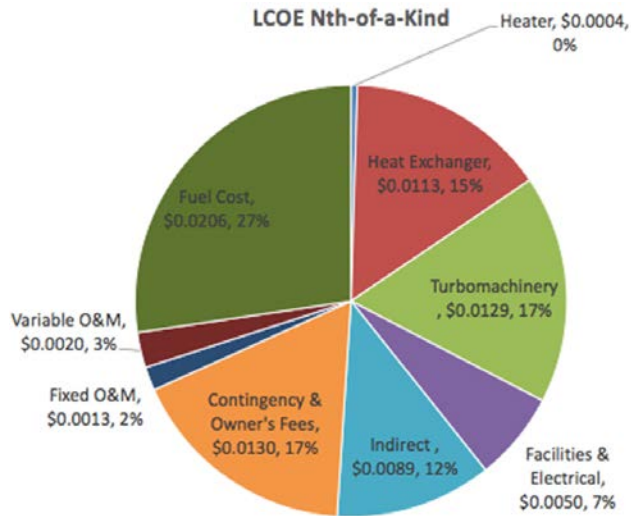
Development

Demonstration



Carbon Dioxide Condensation Cycles For Power Production
G. ANGELES
The development of several condensation cycle systems...
Paper No. 68-GT-34

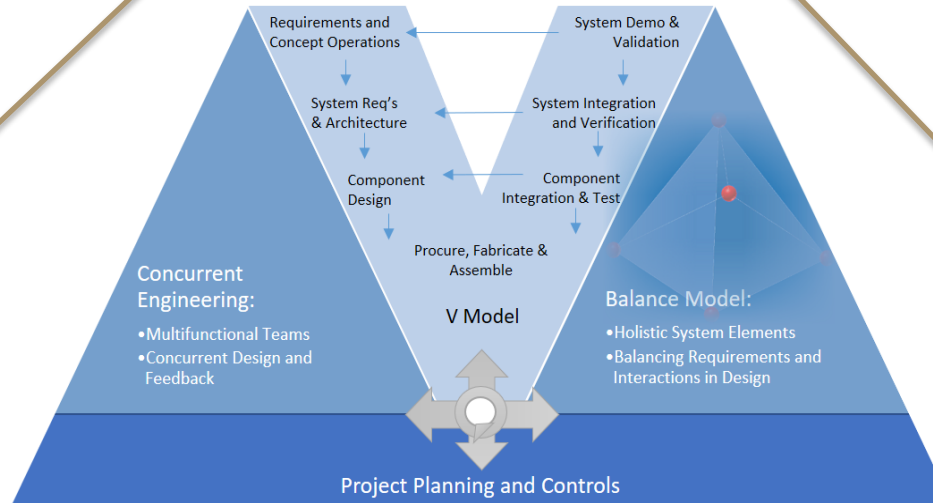
Coordination of Research Activities



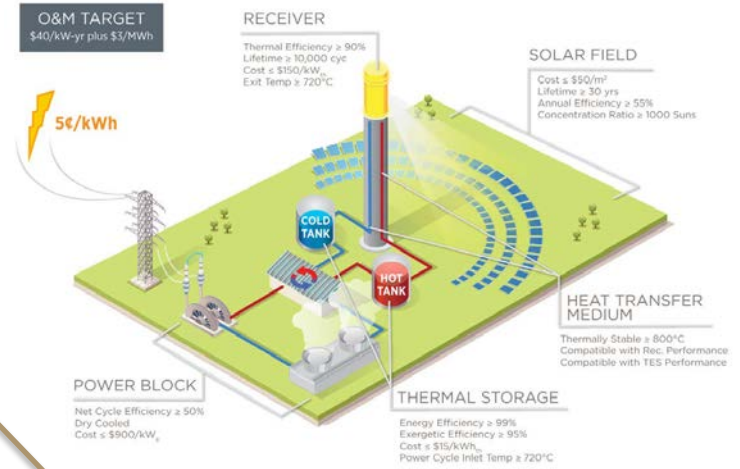
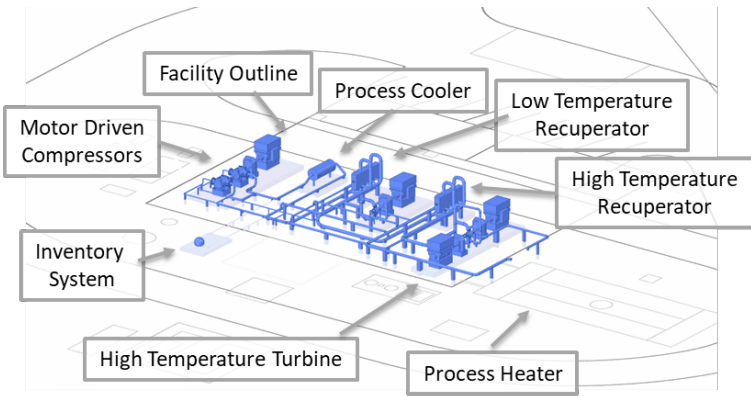
Systems Engineering

Economics

Roadmapping



Support of Demonstration Efforts



1 MWe Merlin Power cycle, by Peregrine Turbine Technologies
Variable configurations, including CHP
Any air combustible fuel
Indirect power cycle

