

Companies join to develop a carbon capture power plant

Feb. 26 -- ThermoEnergy Corp. and Babcock Power Inc. have formed a new company to develop and commercialize an advanced carbon capture power plant design.

Babcock-Thermo Carbon Capture LLC will develop patented technology that represents a completely different thermodynamic approach to power plant design, said Dennis Cossey, chairman and CEO of ThermoEnergy. The ThermoEnergy Integrated Power System is based on high-pressure oxy-fuel chemistry. It converts fuels, including as coal, oil, natural gas, municipal solid waste and biomass, into energy with nearly zero emissions, Cossey said.

The system also captures carbon dioxide in a pressurized liquid form, which can be sequestered or beneficially reused.

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