**Title:** Exergetic and economic comparison of ORC and KC for low temperature enhanced geothermal system in Brazil

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From the abstract: “This paper deals with the thermodynamic analysis of both the first and second law of thermodynamics of two different technologies, (ORC and Kalina cycle)”

The analysis in this paper used the software Aspen-HSYS and the “cubic equation of state Peng-Robinson Stryjek-Vera”

This paper includes an energy and exergy balance for both an ORC and a Kalina cycle for a wide variety of working fluids.