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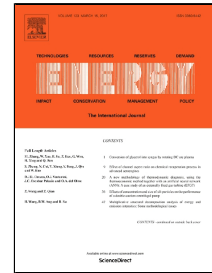
Thermodynamic Sensitivity Analysis of a Novel Trigeration Thermodynamic Cycle with Two-Phase Expanders and Two-Phase Compressors

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Highlights

- Novel CCHP cycle with two-phase expanders and compressors has been conceived
- Novel CCHP cycle has higher performances than a separated energy production system
- Novel CCHP cycle satisfies the user demands in wide ranges without surplus/deficit
- Tertiary user: novel CCHP cycle is competitive against marketed CCHP systems
- Industrial user: novel CCHP cycle is not competitive against marketed CCHP systems

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