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A multistream heat exchanger model with enthalpy feasibility

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Highlights

- A multistream heat exchanger model with enthalpy feasibility is proposed.
- A temperature feasibility constraint is converted into enthalpy feasibility.
- A physical property package is employed for accurate enthalpy calculations.
- The developed model exploits monotonically increasing feature of T-H curves.
- AnNG liquefaction process is optimized using the developed model.

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