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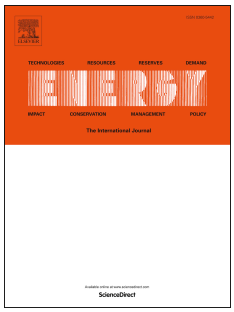

Dynamic Optimal Power Flow of Combined Heat and Power System With Valve-Point Effect Using Krill Herd Algorithm

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Highlights

- The paper maidenly solves combined heat and power dynamic optimal power flow.
- The paper utilizes biologically inspired Krill herd algorithm in solving DOPF problem.
- Fitness is defined as distances of Krill from food and highest density of the swarm.
- Valve point effect is considered in IEEE 30 Bus test case.
- Algorithm is tested on IEEE 30 and 118 Bus test systems.