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Capacity acquisition for the single-item lot sizing problem under energy constraints

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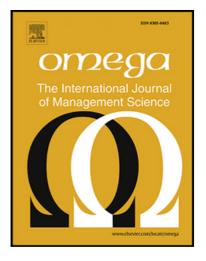
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Highlights

- Single-item lot sizing problem integrated with energy constraints
- Production system constituted of parallel and identical capacitated machines
- Limited energy in each period, consumed by machine start-ups and production
- Capacity acquisition problem for null energy parameters
- O(T log T) time polynomial time algorithm for various extensions

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