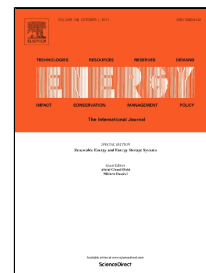


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Coordination of Heat and Power Scheduling in Micro-grid Considering Inter-zonal Power Exchanges

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- Optimal scheduling of CHPs with ESS and TSS and power exchanges is presented.
- Impact of inter-zonal power exchange on scheduling scenarios is presented.
- Uncertainty of system contingencies and upward wholesale market are considered.
- Uses a two-stage Stochastic Mixed-Integer Linear Programming (SMILP) framework.

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