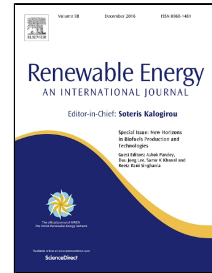


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Energy management of a grid-connected hydrokinetic system under Time of Use tariff

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- Grid connected hydrokinetic-battery hybrid system is proposed
- TOU with power selling is modeled to minimize electricity cost.
- Optimal control is developed to dispatch power flow economically.

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