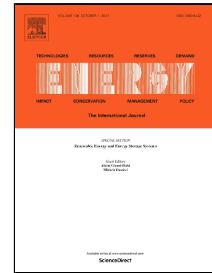


Accepted Manuscript

Coordination of pumped-storage unit and irrigation system with intermittent wind generation for intelligent energy management of an agricultural microgrid

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PII: S0360-5442(17)31667-5
DOI: 10.1016/j.energy.2017.09.146
Reference: EGY 11640
To appear in: *Energy*
Received Date: 06 January 2017
Revised Date: 13 September 2017
Accepted Date: 30 September 2017

Please cite this article as: Ahmad Ghasemi, Coordination of pumped-storage unit and irrigation system with intermittent wind generation for intelligent energy management of an agricultural microgrid, *Energy* (2017), doi: 10.1016/j.energy.2017.09.146

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Highlights

- Energy and water resources are simultaneously managed in an agricultural microgrid.
- The joint operation of irrigation system, pumped-storage unit and wind power is studied.
- The inherent uncertainty of wind power and market prices are considered.

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