Peer-Reviewed Research Papers in 2017 and 2018
**Published Papers:**


Papers recently submitted for peer review:


Fisher, M., J. Apt, and J. Whitacre, “Flow Batteries are Uncompetitive in the Commercial and Industrial Market.”


Klima, K., J. Apt, M. Bandi, P. Happy, C. Loutan, and R. Young, “Geographic smoothing of solar photovoltaic electric power production in the western USA.”

Rath, M. and M. G. Morgan, “Assessment of a Hybrid System that Uses Small Modular Reactors (SMRs) to Back Up Intermittent Renewables and Desalinate Water.”

Reed, L., M.G. Morgan, P. Vaishnav and D.E. Armanios “HVDC conversion may be a cost-effective way to increase the transmission capacity of existing corridors.”
Ph.D. Dissertations Completed in 2017 and 2018


Rebecca Ciez, Battery energy storage for maturing markets: performance, cost, perceptions, and environmental impacts. 2018.


Michael Fisher, Integrating demand-side resources into the electric grid: Economic and environmental considerations. 2017.


Manuel Loureiro, Transmission and interconnection planning in power systems: Contributions to investment under uncertainty and cross-border cost allocation. 2017.


Jose Fernando Prada, Ensuring the Reliable Operation of the Power Grid: State-Based and Distributed Approaches. 2017.


Nathaniel Williams, Microgrid utilities for rural electrifications in East Africa: Challenges and opportunities. 2017.