



The Renewable Energy Analysis Laboratory (REAL)

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Reliability



Power system planning, operation, and control

- Uncertainty management
- Renewable energy integration
- Security and resilience
- Long-term planning

Environment



Cost



Demand response and distributed energy resources

- Grid impact and integration
- Economic issues

Energy storage and electric vehicles

- Planning and investment
- Operation
- Business models

Related faculty:

- Daniel Kirschen
- Miguel Ortega-Vazquez
- Baosen Zhang

http://www.ee.washington.edu/research/real/real_pe.html