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Wind Energy Institute of Canada Energy Storage Use Cases

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Acknowledgment: this work was supported by the DOE energy storage program under the guidance of Dr. Imre Gyuk.



U.S. DEPARTMENT OF
ENERGY



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Project Goals

Wind Energy Institute of Canada (WEICan) in collaboration with Sandia National Laboratories will determine the optimal use of a 1MW/1MWh Energy Storage System paired with a 10MW wind farm for the Prince Edward Island grid.

Objectives

- Develop initial cases using Sandia PYOMO
- Evaluate initial cases on WEICan Wind R&D Park
- Optimize cases based on modeling and testing