

- **broader impact:**

By addressing the security and privacy concerns of sharing data, the project facilitates the wide adoption of the emerging data analytics in the critical infrastructure, which will improve the efficiency of energy generation, consumption and trading, prevent energy wastage, and promote the adoption of environmental friendly energy. The approach in this project is extendable to protect other critical infrastructure data and benefits other domains in a similar way.

Project Length

Two 1/2 years

Funding Request

\$300 - 350k

Project Value

784778

Other Information

The research institute - UQ Cyber Security, Electrical Engineering power and energy systems group, University of Queensland, has built an industry 4.0 Energy testlab that facility can be used for data analytics and simulation to evaluate the proposed approaches before deploying in the real-world applications. Thus, the project would like to collaborate with the public sector energy organisations, like Australian Energy Regulator (AER) and Australian Energy Market Operator (AEMO) .

Info for Collaboration Opportunities

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