

## **Mission Accomplished: Ryerson University signs Agreements with Tata and Tech Mahindra** *Ontario Trade Mission to India Produces Partnerships to Explore Renewable Energy*

Toronto, February 8, 2016 – Ryerson University returned from the 2016 Ontario Trade Mission to India today with two signed agreements in support of on-going energy research at the university. The agreements with Tata Power-DDL and Tech Mahindra will support renewable energy generation and storage research at Ryerson’s Centre for Urban Energy (CUE).

“Ryerson University’s agreements with Tata and Tech Mahindra reflect the importance of working collaboratively to promote energy innovation and demonstrate the growing opportunities between India and Canada,” said Mohamed Lachemi, interim president Ryerson University. “Global partnerships like these create outstanding opportunities for our researchers and our students while supporting our commitment to environmental, social and economic sustainability.”

The agreements, in collaboration with SmartGrid Canada, will explore microgrids, which are local power systems made up of energy generation - often wind and/or solar - energy storage, and software that enables smart distribution.

The agreement with Tata aims to collaboratively advance energy innovation, including:

- exploring the potential for use of microgrids in India;
- sharing Ontario’s best practices for integrating variable renewable power generation;
- implementing energy storage technologies associated with renewable energy; and
- improving overall grid stability while integrating renewable energy.

The agreement with Tech Mahindra includes:

- piloting microgrids at three sites: two in Ontario and one in Hyderabad, India;
- evaluating microgrids to explore new technologies, reduce energy costs, evaluate and recommend new features and performance improvements.

SmartGrid Canada is a national organization dedicated to promoting a more modern and efficient electricity grid. A not-for-profit association, SmartGrid Canada is comprised of public and private organizations, including utilities, vendors, technology and service providers, academia and other industry associations.

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