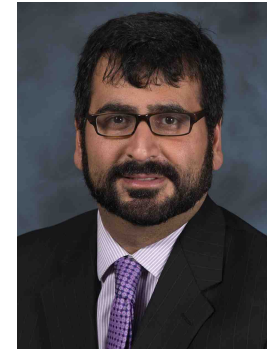


Regulatory, Rate, and Market Design for Energy Storage

Professor Ramteen Sioshansi
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Abstract:

Energy storage is a unique grid asset, in that it can provide services that are functionally similar to those provided by generation, transmission, and distribution assets. Most of our market designs and regulatory constructs assume that assets primarily fall into one of these three categories. This talk will introduce the challenges that are raised by this dichotomy between the capabilities of energy storage and the regulatory and market treatment of grid assets. It will also discuss some potential solutions to overcoming these challenges, including the use of storage-capacity rights.

Bio:

Ramteen Sioshansi is an associate professor in the Department of Integrated Systems Engineering and an associate fellow in the Center for Automotive Research at The Ohio State University. He holds a B.A. in economics and applied mathematics and an M.S. and Ph.D. in industrial engineering and operations research from the University of California, Berkeley and an M.Sc. in econometrics and mathematical economics from the London School of Economics and Political Science. His research focuses on the integration of advanced energy technologies, including renewables, energy storage, and electric transportation, into energy systems. He also works in energy policy and electricity market design, especially as they pertain to advanced energy technologies.

Wednesday 1 November 2017, 15h00-16h00, Pavillon André-Aisenstadt, Université de Montréal, room 4488.

All are welcome • Come meet the speaker and other researchers over drinks and snacks

Contact: osg@polymtl.ca • Optimization for Smart Grids: <http://osg.polymtl.ca>