



SEMINAR SERIES

The **Chair in Energy Sector Management** at HEC Montréal presents:

Merchant Storage Investment in a Restructured Electricity Industry

Thursday, Apr. 12th 2018 | 3:30 to 4:30 pm

@ HEC Montréal – Room Hélène-Desmarais
3000, Côte-Sainte-Catherine Rd (1st floor; Blue Section)
Montréal |  Université de Montréal



Guest Speaker | Afzal Siddiqui, Professor

Department of Statistical Science, University College London and
Department of Computer and Systems Sciences, Stockholm University

Summary | To assess welfare impacts of investment in energy storage by a profit-maximising merchant, we developed a bi-level programming model of an imperfectly competitive electricity market. The framework assumes electricity-generation and storage-operations decisions at the lower level and storage investment at the upper level. We demonstrate that a relatively high (low) amount of market power in the generation sector leads to low (high) storage-capacity investment by the profit-maximising storage operator relative to the welfare-maximizer. This can result in net social welfare losses with a profit-maximising storage operator compared to a no-storage case.

Free event | Registration required

To register, send a confirmation email to energie@hec.ca

For more information

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