

Green Power in Ontario: The Spanish Connection

Efficient Renewable Energy Policies and Smart Grid Strategies:
Examining International Best Practice Experience



MAY 4- 5, 2009

**Osgoode Professional Development Centre
Toronto, ON**

By Invitation only

Ontario's [Green Energy Act](#), is widely expected to expand the province's status as the renewable energy powerhouse of Canada and will become a key engine to develop a strong green economy. Materializing the multiple benefits of the Green Energy Act (i.e. job creation, economic prosperity, carbon reduction, and the protection of the environment) will require new efforts to develop local know-how on key policies and technologies. Currently only a few jurisdictions have had great success in deploying renewables and greening their economies. These jurisdictions have valuable information to share with Ontario including practical lessons that can facilitate the process of shifting to a renewably powered economy.

Amongst the world's leading renewable energy jurisdictions, Spain has experienced rapid growth in the uptake of renewable systems due to their Feed-in Tariff legislation and also to their advanced smart grid management strategies (i.e. technical and managerial know-how) that has enabled the country to integrate rapidly increasing amounts of renewable power.

This practical workshop will bring to Toronto leading expert practitioners that can discuss the Spanish experience regarding renewable energy development and also reflect on how Ontario's grid can be powered by renewables so local technological and practical know-how can be developed to manage these resources. The workshop will build upon international renewable energy best practices that can help Ontario become the renewable energy powerhouse of Canada.

This workshop is being generously funded by :





AGENDA

REGISTRATION

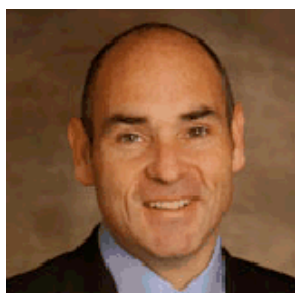
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We encourage you to complete and return the registration form as soon as possible as space is limited. Please note that thanks to our sponsors there is no fee for participating in this workshop.

SPEAKERS Include:

HON. MINISTER GEORGE SMITHERMAN

Deputy Premier, and Minister of Energy and Infrastructure



[George Smitherman](#) was first elected to serve Toronto's downtown communities in 1999. Inspired by the life and politics of Pierre Trudeau, he gained experience at all three levels of government, working in support of several senior political leaders.

Smitherman was appointed Minister of Energy and Infrastructure in June 2008. He previously served as Minister of Health and Long-Term Care since 2003. As Minister of Energy and Infrastructure, Smitherman has made the significant achievement of bringing forward legislation for a Green Energy Act for the Province. Smitherman has been assertive in the attempt to green Ontario's electricity grid through pushing for more renewables and conservation.

PAUL MURPHY

President & CEO, Independent Electricity System Operator



Mr. Murphy was appointed President and Chief Executive Officer of the Independent Electricity System Operator in October 2006. Under Mr. Murphy, Ontario's IESO is responsible for overseeing the safe and reliable operation of Ontario's bulk electrical system - one of the most diversified, reliable and efficient in the world. The organization also oversees the IESO-administered wholesale electricity markets.

HUGO LUCAS PORTA

IDAE - Institute for Energy Diversification and Saving/Spain



Hugo Lucas Porta works for the Spanish Institute for Energy Diversification and Saving. Hugo Lucas has extensive knowledge on the evolution of the Spanish feed-in Tariff legislation and the consequent growth of Spain's renewable energy sector. He will give his expertise on the salient issue of how to integrate this rapid growth into the energy market over the long term.



MIGUEL DE LA TORRE RODRIGUEZ

Director of Operations, RED ELÉCTRICA de España, S.A.



[Red Eléctrica de España](#), Spain's grid operator, is expecting great influxes of renewable power into Spain's grid procured through Spain's effective Feed-in Tariff. Miguel de la Torre Rodriguez will share with the audience the methods used at Red Eléctrica to integrate the increasing number of renewable energy systems feeding into the Spanish grid. He will describe the Gemas simulation tool, and other techniques used to operate a grid with higher renewable capacity.

JOSE ETCHEVERRY

Assistant Professor in the Faculty of Environmental Studies at York University



[José Etcheverry](#), PhD, is an Assistant Professor in the Faculty of Environmental Studies at York University. José has also taught environmental policy at Simon Fraser University and the Center for Environment at the University of Toronto. His current research is focused on renewable energy technology transfer, training and education, climate change and energy policy. In 2006, José was appointed by Dr. Hermann Scheer to become one of the chairs of the World Council for Renewable Energy. He serves as President of the Canadian Renewable Energy Alliance, a board member of the Windfall Ecology Centre, as well as a Canadian correspondent for the global Renewables Status Reports, published by Worldwatch Institute on behalf of Renewable Energy Policy Network for the 21st Century.

LOCATION

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[DIRECTIONS](#) **** [PARKING](#)

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