

# Energy and the Environment: Conventional and Unconventional Solutions

**\*\*\*\* CALL FOR PAPERS \*\*\*\***

October 14-16, 2010 Hyatt Regency Calgary, Calgary, Alberta, Canada  
**29<sup>th</sup> USAEE/CAEE/IAEE North American Conference**

United States Association for Energy Economics Canadian Association for Energy Economics (CAEE)

**Submission Deadline for Abstracts (with a short CV): May 21, 2010.**

Energy is a key driver of economic growth, something the world is desperately looking for in the current crisis. At the same time, traditional energy supply is reaching its limits. Energy solutions from all horizons have to be developed, to meet the 21<sup>st</sup> century environmental, social and economic challenges. How can unconventional hydrocarbons (oil sands, shale gas and others) and carbon sequestration help bridging the gap between conventional oil, gas, coal and nuclear power and the most promising renewable energy sources –biomass, hydro, wind, geothermal, solar? Furthermore, how can market reforms promote more energy efficiency? This conference will address these questions and many others in plenary and concurrent sessions, grouping key players of the North American energy sector. **We invite papers on a wide range of topics, listed in the bullet points below.** Other topic ideas will also be considered. Those interested in organizing sessions should propose topic and possible speakers to Pierre-Olivier Pineau, Concurrent Session Chair (p) +1 514-340-6922, (e) [pierre-olivier.pineau@hec.ca](mailto:pierre-olivier.pineau@hec.ca). This conference will also provide networking opportunities through workshops, public outreach and student recruitment.

<p><b>Conventional Oil and Gas Issues</b></p> <ul style="list-style-type: none"><li>• Reserves and access to reserves</li><li>• Production and drilling activity</li><li>• Fiscal issues: incentive taxation and royalty regimes</li><li>• Enhanced recovery with CO<sub>2</sub> injection</li><li>• Estimating and forecasting project costs</li></ul> <p><b>Unconventional Oil and Gas Issues</b></p> <ul style="list-style-type: none"><li>• Reserves, resources and possible recovery</li><li>• Oil sands production costs</li><li>• Heavy oil prospects</li><li>• Coalbed methane and shale gas production</li><li>• Environmental footprint</li></ul> <p><b>Infrastructure Investments</b></p> <ul style="list-style-type: none"><li>• New pipelines</li><li>• LNG terminals, import/export</li><li>• Refining and moving 21<sup>st</sup> century liquid fuels</li><li>• Financing after the credit crisis</li></ul> <p><b>Carbon Capture and Sequestration</b></p> <ul style="list-style-type: none"><li>• Experiences to date</li><li>• Links with enhanced oil &amp; gas recovery</li><li>• Potential to limit GHG</li><li>• Cost and the role of subsidies in CCS</li></ul> <p><b>Electricity Generation</b></p> <ul style="list-style-type: none"><li>• Supply adequacy</li><li>• New nuclear developments</li><li>• State/provincial regulation and economic distortions</li><li>• Ownership and cost of hydropower</li></ul> <p><b>Electricity Networks</b></p> <ul style="list-style-type: none"><li>• Market integration and reforms</li><li>• Transmission upgrades and pricing</li><li>• Distributed generation</li><li>• Smart grids and smart metering innovations</li></ul>	<p><b>Climate Change</b></p> <ul style="list-style-type: none"><li>• GHG emission reduction targets and costs</li><li>• Impacts of a cap-and-trade system or a carbon tax</li><li>• Developments in carbon-mitigation technologies</li><li>• International agreements post-Kyoto</li><li>• Cost effectiveness: reduction versus sequestration</li></ul> <p><b>Energy Efficiency</b></p> <ul style="list-style-type: none"><li>• Measurement and verification</li><li>• Link to energy pricing</li><li>• Information and other market failures</li></ul> <p><b>Biofuels</b></p> <ul style="list-style-type: none"><li>• Regulatory incentives</li><li>• Life-cycle energy and economic assessments</li><li>• Linkages and competition with the food chain</li></ul> <p><b>Renewables in Electricity</b></p> <ul style="list-style-type: none"><li>• Renewable Portfolio Standards and regulatory approaches</li><li>• Wind development: growth and challenges</li><li>• Hydropower contribution</li><li>• Solar and geothermal technology updates</li></ul> <p><b>Energy and Transportation</b></p> <ul style="list-style-type: none"><li>• Transportation policy and efficiency</li><li>• Impact of the automobile crisis on energy demand</li><li>• Fuel efficiency standards</li></ul> <p><b>Geopolitics</b></p> <ul style="list-style-type: none"><li>• North American energy inter-dependence</li><li>• The future of OPEC</li><li>• Natural gas politics</li><li>• Persian Gulf security</li><li>• Renewable energy and energy security</li></ul> <p><b>Energy Poverty</b></p> <ul style="list-style-type: none"><li>• Access to modern energy services</li><li>• Energy prospects for developing countries</li></ul>
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Abstracts for papers should be *no longer than one to two pages*, giving a concise overview of the topic to be covered. Abstracts should comprise of a brief (1) overview, (2) methods, (3) results, (4) conclusions, and (5) references. Please visit <http://www.usaee.org/usaee2010/> to download a sample abstract template. NOTE: All abstracts must conform to the format structure outlined in sample abstract template. At least one author from an accepted paper must pay the registration fees and attend the conference to present the paper. The lead author submitting the abstract must provide complete contact details - mailing address, phone, fax, e-mail, etc. Authors will be notified by July 9, 2010 of their paper status. Authors whose abstracts are accepted will have until September 3, 2010, to submit their full papers for publication in the conference proceedings. While multiple submissions by individuals or groups of authors are welcome, the abstract selection process will seek to ensure as broad participation as possible: each speaker is to present only one paper in the conference. No author should submit more than one abstract as its single author. If multiple submissions are accepted, then a different co-author will be required to pay the reduced registration fee and present each paper. Otherwise, authors will be contacted and asked to drop one or more paper(s) for presentation.

Abstracts **must be submitted online** to <http://usaee.org/USAEE2010/submissions.aspx> Abstracts submitted by email will not be processed. Please use the online abstract submission form.

Students: You may submit an abstract for the concurrent sessions. The deadline for abstracts is May 21, 2010. Also, you may submit a paper for consideration in the USAEE Student Paper Award Competition (cash prizes plus waiver of conference registration fees). The paper submission has different requirements and a different deadline. The deadline for submitting a paper for the Student Paper Awards is July 8, 2010. Visit <http://www.usaee.org/USAEE2010/paperawards.html> for full details. Students may also inquire about our scholarships for conference attendance. Visit <http://www.usaee.org/USAEE2010/students.html> for full details.

Travel Documents: All international delegates to the 29<sup>th</sup> USAEE/IAEE North American Conference are urged to contact their respective consulate, embassy or travel agent regarding the necessity of obtaining a visa for entry into Canada. If you need a letter of invitation to attend the conference, contact USAEE with an email request to [usaee@usaee.org](mailto:usaee@usaee.org). The Conference strongly suggests that you allow plenty of time for processing these documents.

Note: U.S. citizens attending the 29<sup>th</sup> USAEE/IAEE North American Conference will need to present a passport upon entry to Canada.

Visit our conference website at: <http://www.usaee.org/usaee2010/>