



THE ARCTIC ENERGY SUMMIT

Technology Conference Call for Papers

October 15-18, 2007 • William A. Egan Civic & Convention Center • Anchorage, Alaska

Sponsored by:
The National Energy Technology Laboratory, Arctic Energy Office
U.S. Department of Energy
Fairbanks, Alaska

In conjunction with
University of the Arctic • Institute of the North • University of Alaska Fairbanks

Conference Structure

The Arctic Energy Technology Conference is one of three components of the Arctic Energy Summit, an International Polar Year endorsed project. The conference will provide the forum for the presentation of international, interdisciplinary technical research papers on the **Arctic as an emerging energy province**. A benchmark of 200-250 papers is expected. The conference will begin and end with plenary sessions with topics to include energy policy for Arctic nations, as well as views from those living in remote Arctic communities. An Arctic energy industry exhibition highlighting current energy technology will take place during the conference. The Call for Technical Papers includes, but is not confined to, the following fields:

Extractive Energy in the Arctic	Rural Power in the Arctic
<p>Identification, development and deployment of Arctic energy resources such as:</p> <ul style="list-style-type: none"> • Oil • Coal • Gas • Unconventional gas <ul style="list-style-type: none"> ▪ Methane Gas Hydrates ▪ Natural gas from coal seams • GTL and syngas from coal and gas • Transportation: sea routes, pipelines, other (making hydrates for shipping, ISO containers for propane and electrical transmission lines) • Climate change (impact on infrastructure,) oil spill technologies (including oil in ice) 	<p>The deployment of rural power systems in the Arctic:</p> <ul style="list-style-type: none"> • Availability/need • Implementation • Distribution systems • Case studies <p>Alternative solutions for Rural Power:</p> <ul style="list-style-type: none"> • Wind, wind/diesel, wind/hydrogen • Hydro, in-river, tidal • Geothermal, solar • Fuel cells, biomass • Propane, GTL, rural coal bed methane • Arctic energy audits • Transmission and transportation systems
<p>Sustainability of Energy in the Arctic</p>	
<ul style="list-style-type: none"> • Social impacts • Environment (spill response, CO2 sequestration) • Economics 	<ul style="list-style-type: none"> • Regulatory obstacles and opportunities • Management systems • Energy security in the Arctic

Call for Papers

Abstract Submission Deadline: January 15, 2007 • Final Paper Deadline: August 15, 2007

(Please include a brief CV when submitting your abstract)

Abstracts for papers should be between 150 to 250 words, written in English, giving a concise overview of the topic to be covered. At least one author from an accepted paper must pay the reduced registration fee for authors 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. Abstracts are due no later than **January 15, 2007** via www.arcticenergysummit.org. Authors will be notified by **March 15, 2007** if their abstracts have been accepted. Draft papers will be due **May 15, 2007** for review/comments with a final paper deadline of **August 15, 2007**. 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 at the conference. If multiple submissions are accepted, then a different coauthor 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 should be submitted electronically to:

www.arcticenergysummit.org

Click on Call for Papers and follow the instructions for abstract submission. For questions or further information, please contact the Institute of the North, Anchorage, Alaska 1.907.343.2444. (After October 21, 2006, the number will change to 1.907.771.2444.)

Criteria for Selection

Your abstract should demonstrate clearly that your paper:

- Will contribute to energy technology or rural power issues **applicable in the Arctic**, particularly in the area identified as the technical focus for the specific section, or will present other information of immediate interest,
- Will present information that is technically sound,
- Will present new knowledge or experience, the substance of which has not been previously published,
- Will not be commercial in nature and will not promote specific companies, products or services.



Travel documents: All international delegates to The Arctic Energy Summit Technical Conference to be held in Anchorage, Alaska October 15-18, 2007 are urged to contact their consulate, embassy or travel agent regarding the necessity of obtaining a visa for entry into the U.S. If you need a letter of invitation to attend the conference, use the form provided at www.arcticenergysummit.org. The conference organizing committee strongly suggests that you allow plenty of time for processing these documents.