



ADVANCE PROGRAM

As of August 3, 2010

IDA's groundbreaking two-day technology transfer conference is being held November 2 and 3, 2010 in one of the USA's most high profile seawater desalination markets. This fast-paced program will explore actual energy requirements of state-of-the-art seawater desalination technology as well as innovations designed to enhance energy efficiency and lower operating costs. Sessions will cover both membrane and thermal processes and examine the future direction of energy recovery technology, osmotic power and the potential of membranes to produce energy. The program also features exclusive behind-the-scenes reports on the Perth, Australia's SWRO systems; and the Ashkelon (Israel) SWRO system and the Tuas Plant in Singapore.

This conference tackles one of the most pressing challenges facing the global desalination market, which is projected to double by 2016. You will be joining other leading experts from around the world in an exciting event sure to inspire discussion.

The Program: Each day is dedicated to in-depth exploration of energy efficiency strategies for the major seawater desalination processes.

Day One – Membrane Desalination Energy Innovations and Cost Reductions. Sessions cover seawater membrane improvements, the state-of-the-art in energy efficient seawater reverse osmosis, osmotic power and the potential of membranes to produce energy, and the latest in isobaric energy recovery technology. We'll present case studies on the actual energy consumption and water cost for SWRO systems at Perth, Australia; Ashkelon, Israel and Singapore.

Day Two – Thermal and Hybrid Process Energy Innovations and New Technologies. Learn from the experts about solar desalination systems, the impact of hybrid processes and facility optimization on energy and efficiency, advances and case histories on MED systems, and the latest on improving energy efficiency in MSF.

Panel Discussions on Energy Innovations – Desalination Systems will focus on technologies that can improve energy consumption and lower costs in the future.

Why Attend? Seawater desalination is increasingly the answer to providing a new and sustainable source of water to a thirsty planet. Enhancing energy efficiency is one of the key issues for the industry as seawater desalination continues to grow around the world.

Who Should Attend? Anyone interested in knowing the true cost of seawater desalination using state-of-the-art technology should attend this conference.

Don't miss this opportunity to meet with experts actually using seawater desalination, learn from their experience and discover strategic insights for enhancing energy efficiency!

Moderators for this two-day program are Mr. Randy Truby and Mr. Leon Awerbuch, both of whom are experts in the field of Membrane and Thermal desalination.

Speakers and Topics for Discussion:

Dr. James Birkett, Proprietor, West Neck Strategies, USA
History and Broad Overview of Energy Concerns in Desalination

Dr. Roberto Borsani, Process & Development Manager, FISIA Italmimpianti S.p.A., Italy
MSF System: Present Status and Future Direction - Advanced Energy

Dr. Robert L. Burk, Chief Scientific Officer, NanoH2O, Inc., USA
Seawater Membrane Improvements

Mr. Gerard Canton, Deputy Managing Director, SIDEM
Innovations Anticipated to Further Increase Efficiency of Thermal Plants in the Future

Mr. Paul Choules, VP of Desalination & Reuse, Veolia Water Solutions & Technologies, USA
Update on Large Scale Ocean Desal Plant: Gold Coast

Mr. Gary Crisp, Global Business Leader Desalination, GHD, Australia
Actual Energy Consumption and Water Cost for the SWRO Systems at Perth

Mr. Charles Desportes, Director of Thermal Desalination, Aquatech, USA
Examples of Advanced MED

Mr. Foo Hee Kiang, Group Executive VP, Commercial Contracts & Industry Relations, Singapore
Actual Cost of SWRO Using Isobaric Energy Recovery - TUAS Plant in Singapore

Dr. Boris S. Liberman, CTO, IDE Technologies Ltd., Israel
Present and Future: Energy Efficient Seawater Desalination
A Case History: Actual Energy Consumption and Water Cost for the SWRO Systems at Ashkelon, Israel

Mr. Fredi Lokiec, EVP, Special Projects, IDE Technologies Ltd., Israel
MED System – Present Status and Future Directions
A Case History: Reliance/Tianjin

Mr. Claus Mertes, General Manager of DME, Germany
Solar Desalination Systems - Present Status and Future Directions

Mr. Stein Erik Skilhagen, Head of Osmotic Power, Statkraft, Norway
Osmotic Power: The Potential of Membranes to Produce Energy

Dr. Rick Stover, Vice President of Engineering for Oasys Water Inc., USA
Energy Efficient Seawater Reverse Osmosis - State of the Art

Mr. John Tonner, Water Consultants International, USA
Energy, Efficiency - Hybrid Processes and Facility Optimization

Mr. Nikolay Voutchkov, President, Water Globe Consulting, LLC, USA
Membrane Seawater Desalination – Overview and Recent Trends

Venue



Hyatt Regency Huntington Beach Resort and Spa

Shimmering views of the Pacific and luxurious amenities await you at the oceanfront Hyatt Regency Huntington Beach Resort & Spa. This stunning, Spanish-inspired hotel in Huntington Beach will delight your every sense, with pampering spa treatments, irresistible restaurants, ocean adventures and superior service.

Hotel reservations can be made online at the [Hyatt Click Here](#) or by calling Hyatt's Central Reservations at 1-888-421-1442 and refer to the 2010 IDA Energy Conference.

Conference Registration

Take advantage of our early registration discount

Early registration discounts apply through October 8' 2010. IDA also offers a discounted registration fee for municipalities. *IDA will waive registration fees for the first 75 utility representatives who register before September 1st.* To qualify you must complete the registration form by downloading it from our website, [click here](#) and return it before September 1st.

After September 1st, all utilities will still receive a significantly reduced fee of \$500 USD. This price reflects an almost 58% reduction of the regular registration fee of \$1200 USD.

IDA Member fee: \$1000 US DOLLARS Non-Member fee: \$1200 US DOLLARS

IDA Affiliate Member fee: \$1000 US DOLLARS (must download registration form)

Municipalities fee: \$00.00 US DOLLARS (*first 75 received before September 1st*)

[Click here](#) to register now and save!

Conference Sponsors

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Sponsorship opportunities as well as a limited number of exhibit tables are available. For more information [click here](#) or contact Ann Seamonds @ seamonds@seamonds.com



This Energy Conference is organized by the **International Desalination Association** with the support of our regional affiliate



Questions? Visit our Website at www.idadesal.org for up to date information on this conference as well as all our events and more! Additional inquires should be directed via email to info@idadesal.org