

Energy Conference and Exhibition 2011

Hosted by **DTE Energy** and **The Engineering Society of Detroit**

ENERGY EFFICIENCY

May 10, 2011 • Novi, Michigan

S SUBURBAN COLLECTION
SHOWPLACE

Formerly Rock Financial Showplace

DTE Energy



THE ENGINEERING SOCIETY OF DETROIT
FOUNDED IN 1895



KEYNOTE SPEAKER: **Michael A. Finney**, *President & CEO of the Michigan Economic Development Corporation (MEDC)*

KEYNOTE: Impact of Michigan's Economic Turnaround on Business Strategies

Everywhere you turn there is new hope and new opportunities emerging in the State of Michigan. Michael Finney will provide attendees with an overview of the MEDC, what the economic development changes will mean locally and regionally to Michigan, the tremendous possibilities that exist thanks to the state's highly skilled tech savvy workforce, our great universities, and a state government that values and assists business leaders in their efforts to compete in the global marketplace.

SPONSORS:



8:00AM – 9:00AM	BREAKFAST/EXHIBITORS	BREAKFAST/EXHIBITORS	BREAKFAST/EXHIBITORS
	Track 1 — Your Energy Savings Track	Track 2 — Technical Track	Track 3 — Energy Education Track
9:00 am – 9:30 am	<p>Cash Incentives to Save Energy – DTE Energy’s Your Energy Savings Commercial & Industrial Program Overview Bill Clemens & John Lobbia, <i>Program Managers, DTE Energy</i></p> <p>Learn about the cash incentives that this program offers to help business customers reduce their energy use. This includes a prescriptive program, which has a menu of projects with pre-set incentives and the custom program in which incentives are determined on a case-by-case basis.</p>	<p>Emerging Technology That Reduces Energy Consumption and Increases Energy Efficiency Dave Hyland, <i>Manager Business Development, Schneider Electric</i></p> <p>Consumers will be able to understand their energy usage and how individual appliances can contribute to their aggregated load, as well as how new communication technologies will enable them to automate control of devices to maximize efficiencies while maintaining comfort.</p>	<p>Energy Efficiency Success Stories from Detroit City Buildings Chris Detjen, <i>Manager, Public Policy Programs, NextEnergy</i> Brad Dick, <i>Deputy Director, General Services Department, City of Detroit</i> Joshua Brugeman, <i>Division Manager, Clean Energy Structures, Clean Energy Coalition</i></p> <p>This presentation will cover key lessons and results from ongoing energy efficiency projects in the City of Detroit buildings, with an emphasis on Detroit’s strategies for effectively leveraging federal and private funding from sources like the DOE Energy Efficiency and Conservation Block Grant Program.</p>
9:30 am – 9:40 am	Break	Break	Break
9:40 am – 10:10 am	<p>DTE Your Energy’s Savings Program: The Customer Perspective Bill Bilot, <i>Master Electrician, Production Technical Manager, Detroit Media Partnership</i> Terry Pahl, <i>PE, CEM, LEED AP, Facilities Engineer, Grand Valley State University</i></p> <p>Two customers will discuss their experience working with DTE Energy’s Your Energy Savings Program. The presentations will cover the measures the customers implemented and the energy savings and incentives they received for installing the energy efficient measures from an electric as well as gas perspective.</p>	<p>Daylighting Adaptive use of Natural Resources Ken Laremore, <i>Carlisle Syntec</i></p> <p>Attendees will learn about daylighting benefits such as energy savings, increased productivity, optimal revenue generation and misperceptions surrounding daylighting. In addition, this session will provide an understanding of optimal daylighting efficiencies, impactful design parameters and proven tools used to calculate daylighting’s impact on your bottom line.</p>	<p>Whole Building Energy Modeling Bruce Snyder, <i>CEM, LEED AP, Sr. Designer, Mechanical Engineering and Energy, Integrated Design Solutions</i></p> <p>Find out who uses energy modeling and why it’s used. This will include a discussion on energy modeling software options, LEED applications, and the tax credit options they offer for building owners and operators, as well as how to create an effective energy model that will work for you.</p>
10:10 am – 10:40 am	Break/Exhibits	Break/Exhibits	Break/Exhibits
10:40 am – 11:10 am	<p>Using DTE Energy’s Your Energy Savings Program to Build Business: A Contractor’s Perspective Rick Bearup, <i>Information Services, Clean Green Energy, LLC</i> Travis Vander Kolk, <i>Customer Relations, Dean Boiler, Inc.</i></p> <p>Contractors from two different companies will discuss their experience working with DTE Energy’s Your Energy Savings Program and how the program has helped build their business, including electric and gas measures that the contractors installed and the incentives they were able to receive from the program.</p>	<p>The Role of Infrared Thermography in Energy Efficiency Projects Ron Pelkie, <i>CDT, Level I Thermographer, Materials Consultant, Soil and Materials Engineers, Inc.</i></p> <p>Infrared technology is a powerful tool for identifying thermal deficiencies in building envelopes. This presentation will cover the differences between interior and exterior heat loss scans, and the interpretation of data from these sources.</p>	<p>The New ASTM Building Energy Performance Assessment (BEPA) Scott Adamowski, <i>PE, Vice President, Conestoga-Rovers & Associates</i> Chris Meincke, <i>PE, LEED AP, Project Manager, Conestoga-Rovers & Associates</i> Mark Bennett, <i>Senior Counsel, Climate Law Practice Leader, Miller Canfield</i></p> <p>Learn about the regulatory and financial drivers for completing an ASTM Building Energy Performance Assessment (BEPA), a summary of the components of a BEPA, and how the results can be used for benchmarking, tracking, and improving a building’s energy performance.</p>
11:10 am – 11:20 am	Break	Break	Break
11:20 am – 11:50 am	<p>Economic Gardening Rob Fowler, <i>President and CEO of the Small Business Association of Michigan</i></p> <p>Economic gardening entails cultivating and nurturing local growth oriented companies by giving them the tools they need to succeed so that they can yield a harvest of new jobs. Learn about this model approach and how it is different from more conventional strategies.</p>	<p>An Introduction to High Performance Green Buildings (HPGB), Daniel H. Jacobs, AIA, LEED AP BD+C, Senior Principal / Director of Sustainable Design, A3C-Collaborative Architecture</p> <p>Find out about the trends in the green building industry and discuss what makes a building “high performance.” You will also learn how to save energy in your building and how those energy savings translate into cost benefits, as well as which programs offer tax incentives for efficiency/renewable improvements.</p>	<p>Advancements in Variable Speed Technology – Centrifugal Chillers Bruce Barrett, <i>McQuay Sales Support/Pricing, Market Analyst, McQuay International</i></p> <p>The integration of new technologies in the field of magnetic bearings and high-speed motors with VFD’s has resulted in significant advancements in the sustainable efficiency improvements in centrifugal chillers. Learn about the technology, and how it directly relates to system performance improvements, sustainable oil-free operation, and lowering energy consumption</p>
12:00PM – 1:00PM	LUNCH/KEYNOTE Michael Finney , <i>President & CEO, Michigan Economic Development Corporation</i>		
1:00PM – 1:30PM	ESD/DTE Energy Awards	ESD/DTE Energy Awards	ESD/DTE Energy Awards
1:30PM – 2:00PM	Dessert/Exhibits	Dessert/Exhibits	Dessert/Exhibits
2:00PM – 3:00PM	Workshop Strategy Sessions	Workshop Strategy Sessions	Workshop Strategy Sessions



Schedule:

- 7:30 am Registration & Continental Breakfast
- 9:00 am Concurrent Educational Sessions
- 10:10 am Break & Exhibitor Demonstrations
- 12:00 pm Lunch/Keynote
- 1:00 pm Awards
- 1:30 pm Desserts/Exhibits
- 2:00 pm Workshop Strategy Sessions
- 3:00 pm Conference Ends

Cost to attend:

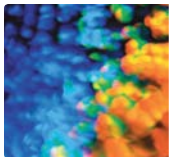
- \$65 ESD Member
- \$85 Non-member
- \$139 Join ESD and attend for FREE – includes a one-year subscription to *Crain’s Detroit Business* (A total value of \$253)
- \$600 10 × 10 Exhibit Booth

To register, visit www.esd.org or call 248-353-0735.

Want more face time with presenters? This year's conference will feature a unique opportunity for attendees to spend one-on-one time with track presenters, getting answers to their most pressing questions, and really learning about the various topics addressed at the conference.

REGISTER TODAY.

Visit www.esd.org or call 248-353-0735.



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