



2009 WISCONSIN

Renewable Energy Summit

Renewables, Sustainability, Energy Efficiency,
Social Responsibility, and Green Energy Practices

March 25 - 28, 2009 at Midwest Airlines Center, Milwaukee

2009 SUMMIT THEME

Green Business Unlimited Economic Opportunity

HONORARY SUMMIT CO-CHAIR

The Honorable United States Senator Herb Kohl

DISTINGUISHED SPEAKERS INCLUDE:

Congressman David Obey,
Chairman of the House Committee on Appropriations

Congresswoman Gwendolynne Moore,
House Committee on Financial Services, House Committee on Small Business

Governor Jim Doyle, State of Wisconsin

Mayor Tom Barrett, City of Milwaukee

and

**Keynote speaker Dr. James E. Hansen, Director
NASA Goddard Institute for Space Studies**

Register at renewableenergysummit.org

 MILWAUKEE AREA **Technical College**

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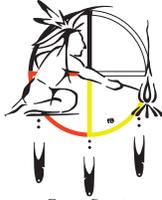
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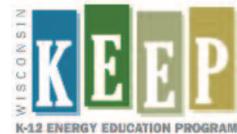
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2009 Summit Schedule of Events

TUESDAY, MARCH 24, 2009

3:00pm to 7:00p.m. Load in exhibits, registration, signs, other materials at Midwest Airlines Center (MAC)
501 W. Wells Street, Milwaukee - at Sliding Glass Doors

DAY ONE – WEDNESDAY, MARCH 25, 2009

7:00am to 10:00am Additional exhibit load-in and set up in Ballroom CD

7:30am to 5:30pm Registration Open in Ballroom AB Foyer – MAC

8:30am to 11:00am **PLENARY SESSION A (Ballroom AB)**

Host: Michael Sargent, Vice President and CFO, Milwaukee Area Technical College

Plenary Chair: Bob Gilbertson, Wisconsin Technical College System Foundation

Plenary Co-Chair: Mike Kuehnl, Milwaukee Area Technical College

Introduction: Vicki Martin, Interim President, Milwaukee Area Technical College

Welcome: Tom Barrett, Mayor, City of Milwaukee

Keynote: Don Wichert, Director, Focus on Energy, Renewable Energy Program
“Focus on Energy Renewable Energy Program: 1000 Points of Empowerment”

Keynote: Dorothy Bowers, American Society for Quality
“Social Responsibility & International Standards Organization”

Keynote: Patricia Arredondo, Associate Vice Chancellor-Academic Affairs, UW-Milwaukee
“Green Jobs”

Introduction: Lauren Baker, Chair, Board of Directors, Milwaukee Area Technical College

Keynote: Jim Doyle, Governor, State of Wisconsin (confirmed)

Introduction: Michael Lovell, Dean of Engineering and Biomedical Science, UW-Milwaukee

Keynote: Anthony Cugini, Deputy Director DOE, National Energy Technologies Lab

11:00am to 12noon **BREAK AND EXHIBITS OPEN (Ballroom CD)** **POSTER SESSIONS (Exhibit Hall)**

12noon to 1:15pm **PLENARY SESSION B – Planet in Transition (Ballroom AB)**

Host: David Turner, Dean, Technology and Applied Science, Milwaukee Area Technical College

Plenary Chair: George Stone, Physical Science Department, Milwaukee Area Technical College

Keynote: James Hansen, Director, NASA, Goddard Institute for Space Studies
“Climate Threat to the Planet: Implications for Energy Policy and Intergenerational Justice”

Speaker Prep: Room 101C is available for speaker preparation/practice/review of material

Media: Room 101D is available for press use/interviews/etc.

DAY ONE – WEDNESDAY, MARCH 25, 2009

7:30am to 5:30pm

Registration Open in Ballroom AB Foyer – MAC

1:15pm to 1:30pm BREAK / EXHIBITS (Ballroom CD)

<p>I BREAKOUT SESSIONS 1:30pm to 3:15pm</p>	<p>Bio Industry Energy</p> <p>SESSION 1-1 ROOM 102AB</p> <p>State of the Bio Industry, Policy Drivers and Funding Opportunities <i>J.Morby; D. Jenkins</i></p>	<p>Business: Green Technologies and Practices</p> <p>SESSION 2-1 ROOM 102C</p> <p>Sustainable Business Practices <i>J. Jacobsen</i> Turning Supply Chain Green <i>B. Gorman</i> Save Energy in Manufacturing w/o Compromising Quality <i>P. Schoessow</i></p>	<p>Climate Change: Principal Driver of the Energy Revolution</p> <p>SESSION 3-1 ROOM 101A</p> <p>Overview: Crisis in the Cryosphere <i>G. Stone</i> W. Antarctic Ice Sheet <i>R. Powell</i> Wisconsin Initiative on Climate Change Impacts (WICCI) <i>J. Magnuson</i> Acting on Inevitable Climate Change: Mitigation & Adaption <i>M.Chandler</i></p>	<p>Curriculum Programs and Course Design</p> <p>SESSION 4-1 ROOM 102DE</p> <p>CERET's Renewable Energy Technology Certificate <i>B. Anderegg; K. Walz</i> Infusing Sustainability at NWTCA <i>A. Kox</i> Solar Power Your School <i>C. Bircher; S. Liddicoat</i></p>
	<p>Energy Efficiency</p> <p>SESSION 5-1 ROOM 103AB</p> <p>Environmental Makeover for Existing Buildings <i>D. Laube; E. Wall;</i> Individual Energy Customer Forecasting <i>S. Vitullo</i> GasDay Project At Marquette <i>R.Brown;</i></p>	<p>Energy Management</p> <p>SESSION 7-1 ROOM 103C</p> <p>Developing a Path to Sustainability <i>J. Roepsch; S. Sudhakar; M. Sargent; T. Sonnleitner</i></p>	<p>Focus on Energy Program</p> <p>SESSION 9-1 ROOM 201A</p> <p>Wisconsin's Booming Solar Electric Market <i>B. Schutten; N. Wolter</i></p>	<p>Green Career Pathways</p> <p>SESSION 10-1 ROOM 203C</p> <p>FOE Site Assessment Coupon Program and MREA Site Assessor Certification Program <i>Z. Scharf</i></p>
	<p>Greening Practices for Colleges</p> <p>SESSION 11-1 ROOM 201B</p> <p>MATC - Innovation as Tool for Success <i>M. Sargent</i> The Green Office <i>R. Alexander</i></p>	<p>Green Transportation</p> <p>SESSION: 12-1 ROOM 202AB</p> <p>Everyday Options for Everyone (Walking, bicycling, eco-driving, mass transit) <i>F. Vogel; C. Weeth; K. Schmiechen; K. Hardman; K. Thomas</i></p>	<p>Solar Electric Energy</p> <p>SESSION 14-1 ROOM 202C</p> <p>Market demand for Solar Electric Systems <i>N. Wolter</i> Solar Electric 101 <i>C. Sterling</i></p>	<p>Solar Thermal Energy SESSION 15-1 (ONE) ROOM 202DE</p> <p>State of Wisconsin in "Solar Hot Water" <i>C. Rezabek</i></p>
	<p>Geo Thermal Energy SESSION 15-1 (TWO) ROOM 203AB</p> <p>All about GeoExchange <i>T Niesen</i></p>	<p>Sustainable Practices</p> <p>SESSION: 16-1 ROOM 201CD</p> <p>A Comparative Analysis of Alternative Fuel <i>M. Pease</i> Fusion Free Ground Loop <i>W. Bieganeck</i></p>	<p>Water Technology</p> <p>SESSION: 18-1 ROOM 101B</p> <p>The Water–Energy Nexus <i>F. Hoffmann</i></p>	<p>Wind Energy</p> <p>SESSION 19-1 ROOM 103DE</p> <p>Technical presentations on Wind Energy <i>David Yu, Chair R. Amano; Y. Li; J. Seem; A. Nasiri; D. Outcalt;</i></p>

Visit Exhibits in Ballroom CD Wednesday through Friday

DAY ONE – WEDNESDAY, MARCH 25, 2009

7:30am to 5:30pm

Registration Open in Ballroom AB Foyer – MAC

3:15pm to 3:45pm **BREAK, BAR OPEN / EXHIBITS (Ballroom CD)**

<p>II BREAKOUT SESSIONS 3:45pm to 5:30pm</p>	<p>Bio Industry Energy</p> <p>SESSION 1-2 ROOM 102AB</p> <p>Bio Industry - Building and Maintaining Green Collar Workforce <i>P. DeRossi</i> <i>T. Hayden</i> <i>H. Sawall</i></p>	<p>Business: Green Technologies and Practices</p> <p>SESSION 2-2 ROOM 102C</p> <p>ECK: Required Standard for Lean Enterprise? <i>A. Dalal</i> Products as Nutrients <i>M. Clarke-Yapi, J. Cook</i> Convergence of Business and Conservation <i>D. Collins</i></p>	<p>Curriculum Programs and Course Design</p> <p>SESSION 4-2 ROOM 102DE</p> <p>RE for Developing World <i>K. Walz</i> Engagement Strengthening: Globally Collaborative Competitive & Green Workforce <i>R. Franco</i> Climate Change Intelligence for All <i>M. Chandler</i></p>	<p>Energy Efficiency</p> <p>SESSION 5-2 ROOM 103AB</p> <p>Energy Efficient Buildings <i>J. Belot</i> <i>K. Williams</i> <i>F. Kreiss</i> <i>C. McQueen</i></p>
	<p>Energy Management</p> <p>SESSION 7-2 ROOM 103C</p> <p>How Lifestyle Choices Affect Sustainability <i>J. Carpenter; T. Wilinski</i> Kilowatt Ours <i>J. Barrie</i></p>	<p>Focus on Energy Program</p> <p>SESSION 9-2 ROOM 201A</p> <p>Small Wind <i>B. Collins;</i> <i>R. Hasselman;</i> <i>A. Taivalkoski;</i> <i>K. Ross</i></p>	<p>Greening Practices for Colleges</p> <p>SESSION 11-2 ROOM 201B</p> <p>Diversions, Retention & Reuse of Rain Water <i>M. Marek</i></p>	<p>Green Transportation</p> <p>SESSION: 12-2 ROOM 202AB</p> <p>Clean Fuels: Silver Buckshot to Reduce Oil Dependence <i>F. Vogel; C. Damm;</i> <i>B. Hulsey; T. Hartmann;</i> <i>J. Bach</i></p>
	<p>Solar Electric Energy</p> <p>SESSION 14-2 ROOM 202C</p> <p>Solar Electric 101 (continued) <i>C. Sterling</i> Photovoltaic System Installation <i>W. Novash</i></p>	<p>Geothermal Energy</p> <p>SESSION 15-2 (ONE) ROOM 202DE</p> <p>Heatpump Design/Application <i>D. Bergmann</i> Heat Recovery <i>M. Platt</i></p>	<p>Geothermal Energy</p> <p>SESSION 15-2 (TWO) ROOM 203AB</p> <p>Geothermal Heat Pumps 101: The Renewable Bridge <i>L. Udee</i></p>	<p>Sustainable Practices</p> <p>SESSION: 16-2 ROOM 201CD</p> <p>Mainstreaming Sustainability: What Leaders of Top 75 Organizations Say <i>G. Evans</i></p>
	<p>Water Technology</p> <p>SESSION: 18-2 ROOM 101B</p> <p>Lake Michigan Offshore Reefs: Turbines & Trout <i>J. Jansen</i> Wastewater & Alternative Energy <i>L. Lundberg</i></p>	<p>Wind Energy</p> <p>SESSION 19-2 ROOM 103DE</p> <p>Wind Program at Lakeshore Technical College/Students in the Wind Program <i>D. Lindsey; J. Heinzen;</i> <i>LTC students</i></p>		

Watch for Poster Sessions presented in Exhibit Hall Wednesday through Friday (see page 13)

DAY TWO – THURSDAY, MARCH 26, 2009

7:30am to 6:00pm Registration Open in Ballroom AB Foyer – MAC

8:00am to 8:10am	WELCOME & ANNOUNCEMENTS (Ballroom AB) Bob Gilbertson, Wisconsin Technical College System Foundation
8:10am to 9:50am	PLENARY SESSION C (Ballroom AB) Role of Local Governments in Moving Towards Energy Independence with Renewable Energy Introduction: Judy Mouton, Renewable Energy Education Manager, Johnson Controls, Inc. Plenary Chair: Don Albinger, VP of Renewable Energy Solutions, Johnson Controls Keynote: Don Albinger, VP of Renewable Energy Solutions, Johnson Controls “Sustainability through Energy Efficiency and Renewable Energy” Keynote: Larry Nelson, Mayor, City of Waukesha “Goals, City Specific Projects” Keynote: Jeanne Hoffman, City of Madison “City of Madison Building a Green Capital City” Keynote: Kathleen Falk/David Merritt, Dane County “Goals, County Specific projects” Keynote: Anne Beier, City of Milwaukee “Goals, City Specific projects”
9:50am to 10:15am	BREAK AND EXHIBITS OPEN (Ballroom CD)
10:00am to 11:45am	Energy Independent Communities Highlights (Room 203C) Brian Driscoll, Office of Energy Independence William Dowell, Director Facility and Park Management, Brown County Larry MacDonald, Mayor, City of Bayfield Timm Johnson, School District President, Village of Osceola, Polk County Marty R. Anderson, City of Marshfield, Wood County Steve Sobiek, City of Columbus, Columbia County Sandy Decker, Mayor, City of Evansville, Rock County Dave Berner, City Manager, City of Platteville & City of Lancaster, Grant County Speaker, City of Oconomowoc, Waukesha County Tim Stone, Town Chair, Town of Fairfield, Sauk County Linda Donnelly, Planning Director, Village & Town of Spring Green, Sauk County

III BREAKOUT SESSIONS 10:00am to 11:45am	Bio Industry Energy SESSION 1-3 ROOM 102AB Wisconsin's Leading Role in the Emerging Bioproducts Industry <i>T. Osswald; J. Baldus; C. Sorenson</i>	Business: Green Technologies and Practices SESSION 2-3 ROOM 102C Population, Capacity, Depletion <i>J. Jacobsen</i> Got Lean? Tools for Surviving Economic Crisis <i>A. Dalal</i> Greening Your Business <i>T. Drury</i>	Curriculum Programs and Course Design SESSION 4-3 ROOM 102DE Designing Programs for Diverse Workforce <i>M. Bernhard</i> Educating for Gr. Economy <i>D. Schejbal / J. Skalbeck</i>	Energy Efficiency SESSION 5-3 ROOM 103AB Turning on to Efficiency: What You Need to Know About Lighting <i>A. Vogen Horn; L. Whitney-Schulte</i>
	Focus on Energy Program SESSION 9-3 ROOM 201A Biogas Digestion <i>L. Krom; J. Kramer; D. Nemke</i>	Greening Practices for Colleges SESSION 11-3 ROOM 201B How to Afford Sustainable Activities <i>M. Sargent</i> Sustainability - Illusionary or Reality <i>TBD</i>	Green Transportation SESSION: 12-3 ROOM 202AB Charge Your Engines: (Chevy Volt; Battery; NEVs; Heavy-Duty Hybrids;) <i>F. Vogel; C. Damm; R. Gunther; M. Teliska; M. Stockhauser; C. Tautges</i>	Solar Electric Energy SESSION 14-3 ROOM 202C Solar PV @WCTC <i>R. Walter; D. Kanaly; M. Shields</i> Could new financing bring solar to all? <i>C. Gruba</i>
	Solar Thermal Energy SESSION 15-3 ROOM 202DE Case for Aggressive Case for Solar Hot Water Program / Site Evaluation <i>M. Vickerman</i>	Sustainable Practices SESSION: 16-3 ROOM 201CD Creating Sustainable Communities & Energy Independence Through Renewable Energy <i>L. Schaal; E. Zinthefer</i>	Utility Issues SESSION 17-3 ROOM 203DE Environmental Stewardship <i>E. Kostecki</i> MGE Customers Shape Renewable Actions <i>L. Williams</i> Renewable in Utility Business Practices <i>P. Keily</i>	Water Technology SESSION: 18-3 ROOM 101B Aquaculture in 21st Century and beyond <i>B. Shepherd</i>
	Wind Energy SESSION 19-3 ROOM 103DE Community Wind <i>W. Slaymaker; J. Gumtow; M. Hutter</i>	WEEC - Wisconsin Energy Education Consortium ROOM 101D Meeting to discuss formation <i>N. Hylla</i>		

DAY TWO – THURSDAY, MARCH 26, 2009

7:30am to 6:00pm

Registration Open in Ballroom AB Foyer – MAC

11:45am to 12:30pm	BREAK / EXHIBITS / NETWORKING / POSTERS SESSION II (Ballroom Foyer and various locations)
12:30pm to 1:45pm	<p>PLENARY SESSION D – PRESIDENT’S PANEL (Ballroom AB)</p> <p>Host: Shondra Graves, Chair, Summit Student Marketing Committee, Waukesha County Technical College</p> <p>Introduction: Dan Clancy, President, Wisconsin Technical College System</p> <p>Plenary Chair: Michael Lanser, President, Lakeshore Technical College</p> <p>Panel: Bryan Albrecht, President, Gateway Technical College Bettsey Barhorst, President, Madison Area Technical College John Clark, President, Mid-State Technical College Vicki Martin, Interim President, Milwaukee Area Technical College</p>
1:45pm to 2:00pm	BREAK / EXHIBITS (Ballroom CD)
2:00pm to 3:00 pm	WTCS Renewable Energy Deans and Coordinators Workgroup (101D)

<p>IV BREAKOUT SESSIONS 2:00pm to 3:45pm</p>	<p>Bio Industry Energy SESSION 1-4 ROOM 102AB</p> <p>Biomass to Fuels, Chemicals and Power Generation <i>B. Hulse; J. Binkley; P. Porter; M. Blanchard</i></p>	<p>Business: Green Technologies and Practices SESSION 2-4 ROOM 102C</p> <p>Fault Prognostics, Diagnostics and Mitigation in Electric Drive/ Generation Systems <i>E. Yaz; N. Demerdash; G. Sizov</i> Kettle Foods - A Unique Green Manufacturing Facility <i>E. Skorpinski</i></p>	<p>Curriculum Programs and Course Design SESSION 4-4 ROOM 102DE</p> <p>UWGB Environmental Management & Bus Institute <i>J. Stoll / J. Katers</i> Creating Systems for Student Leadership & Engagement <i>C. Hintz</i></p>	<p>Energy Efficiency SESSION 5-4 ROOM 103AB</p> <p>Energy Efficiency: The Benefits Keep Adding Up <i>W. Komorowski; D. Larson; J. Knutson</i></p>
	<p>Energy Independent Communities SESSION 6-4 ROOM 101A</p> <p>EI Communities Quarterly Meeting <i>G. Becker and EIC Leaders</i></p>	<p>Energy Management SESSION 7-4 ROOM 103C</p> <p>Sustainability Assessment and Implementation <i>K. Kukec</i> Implementing a Green Cleaning Program <i>N. Duffy</i></p>	<p>Focus on Energy Program SESSION 9-4 (ONE) ROOM 201A</p> <p>Renewable Energy Marketing & Market Provider Training <i>K. Lang E. Hickey</i></p>	<p>Focus on Energy Program SESSION 9-4 (TWO) ROOM 201CD</p> <p>Biomass Combustion <i>D. Wichert; T. Stebor; P. Porter; J. Rabl</i></p>
	<p>Greening Practices for Colleges SESSION 11-4 ROOM 201B</p> <p>Sustainable Contracting <i>J. Roepsch</i> Meeting Carbon Footprint Challenge <i>T. Sonnleitner</i></p>	<p>Green Transportation SESSION: 12-4 ROOM 202AB</p> <p>Vehicle Education Programs <i>K. Walz; UW Hybrid Vehicle reps; MSOE student reps</i></p>	<p>Solar Electric Energy SESSION 14-4 ROOM 202C</p> <p>Financing PV Systems <i>J. Coughlin</i></p>	<p>Solar Thermal Energy SESSION 15-4 ROOM 202DE</p> <p>Solar Hot Water Market Strategies <i>K. Heinrich; B. Ramlow</i> Solar District Heating/Long Term Thermal Storage <i>B. Nusz</i></p>
	<p>Sustainable Practices SESSION: 16-4 ROOM 201CD</p> <p>Phytoremediation: Real Green Plants Co-tasked for Pollution Control, Energy Conservation, and Renewable Fuels <i>L. Licht</i></p>	<p>Utility Issues SESSION 17-4 ROOM 203DE</p> <p>National Renewable Energy Standard <i>M. Raab</i> Utility Perspective: Re-Energy, Regulations <i>K. Shumway</i> Carbon Regulation Compliance <i>D. Donovan</i></p>	<p>Water Technology SESSION: 18-4 ROOM 101B</p> <p>Using Microorganisms to Improve Anaerobic Digestion <i>A. Schauer-Gimenez</i></p>	

DAY TWO – THURSDAY, MARCH 26, 2009

7:30am to 6:00pm

Registration Open in Ballroom AB Foyer – MAC

3:45pm to 4:15pm

BREAK, BAR OPEN / EXHIBITS (Ballroom CD)

V
BREAKOUT SESSIONS
4:30pm to 6:15pm

Bio Industry Energy SESSION 1-5 ROOM 102AB Sustainability & Opportunities for Biofuels, Bioproducts & Biopower <i>T. Hartmann; T. Sonnleitner; S. Sletten</i>	Business: Green Technologies and Practices SESSION 2-5 ROOM 102C On Social Responsibility <i>M. Mason</i> Interior Designers and Green Projects <i>P. Steffen</i>	Curriculum Programs and Course Design SESSION 4-5 ROOM 102DE Educating our Future Thought Leaders <i>MJ Salzburg</i> Renewable Energy in K-12 Curriculum <i>J. Besharse</i>	Energy Efficiency SESSION 5-5 ROOM 103AB Seeing the Savings: Energy Efficiency Success Stories <i>M. Guilfoyle; C. Nuernberg; N. Doll</i>
Energy Independent Communities SESSION 6-5 ROOM 101A Energy Independent Communities – Federal & State Resources <i>Multiple EIC speakers</i>	Energy Management SESSION 7-5 ROOM 103C Clean, Lean & Green <i>J. DeLaune</i> Saving Cost/Energy by Applying Lean & Green <i>M. Hablewitz</i>	Focus on Energy Program SESSION 9-5 ROOM 201A Education and Training <i>J. Lane; I. Kelley; T. Parker; S. Gruder</i>	Greening Practices for Colleges SESSION 11-5 ROOM 201B Sustainability at UW-Milwaukee: Process vs Practices <i>K. Nelson</i>
Legal Issues SESSION 13-5 ROOM 203C Energy Enhancements in Federal Stimulus Pkg. <i>A. Harrington</i> Protect Intellectual Property when Applying for Fed Grants <i>Brian Bean</i>	Solar Electric Energy SESSION 14-5 ROOM 202C Ultracapacitors for Off-Grid Solar Energy Applications <i>K. Leonard</i> Solar Site Evaluation <i>R. Reykdal</i>	Solar Thermal & Geothermal SESSION 15-5 ROOM 202DE Creating Successful Solar Business <i>B. Guiney</i> Teaching Re Energy in Tech College System <i>B. Nusz</i>	Sustainable Practices SESSION: 16-5 ROOM 201CD Milwaukee's Solar American Cities Program <i>J. Coughlin A. Luecke</i>
Wind Energy SESSION 19-5 ROOM 103DE Large Wind <i>P. Keily; B Bub; M. Noah; A. Hesselbach; J. Anthony</i>			

6:30pm

EXHIBITS CLOSE

6:30pm to 9:30pm

PLENARY SESSION E – SUMMIT BANQUET (Ballroom AB)

Host:	John Stilp, Vice President, Oak Creek Campus, Milwaukee Area Technical College
Emcee:	George Stone, Summit Co-Chair, Milwaukee Area Technical College
Welcome:	Vicki Martin, Interim President, Milwaukee Area Technical College
Awards:	Bob Gilbertson, Summit Chair, WTSC Foundation “Summit Awards/Recognitions”
Keynote:	Joe Jacobsen, Milwaukee Area Technical College “WisTEC”
Keynote:	Mike Potts, Executive Vice President, Orion Energy Systems
Keynote:	Jose Delgado, President and CEO, American Transmission Company
Keynote:	Paul Borawski, Executive Director, American Society for Quality “Social Responsibility”
Keynote:	Richard A. Meeusen, CEO, Badger Meter
Keynote:	Brian Keane, President, SmartPower
Keynote:	James McLaren, President, Strathkirk Inc. “Bio Based Economy”
Keynote:	Arjun Makhijani, Director, Institute for Energy and Environmental Research “Carbon Free and Nuclear Free – America’s Plan for Energy”

DAY THREE – FRIDAY, MARCH 27, 2009

7:30am to 1:30pm	Summit Registration Open in Ballroom AB Foyer
8:00am to 9:30am	<p>PLENARY SESSION F – Perspectives on the Stimulus Package – State & City Officials (Ballroom AB)</p> <p>Host: Fred Royal, Board Member, Milwaukee Area Technical College</p> <p>Plenary Chair: Art Harrington, Partner and Environmental Lead, Godfrey and Kahn</p> <p>Moderator: Mike Gousha, Marquette University Law School <i>“Panel and Topic Introduction”</i></p> <p>Panelist: Alan Fish, Wisconsin Office of Recovery and Reinvestment (Invited)</p> <p>Panelist: Tom Barrett, Mayor, City of Milwaukee</p> <p>Panelist: Eric Callisto, Chairman, State of Wisconsin, Public Service Commission</p> <p>Panelist: Dick Leinenkugel, Secretary, Wisconsin Dept. of Commerce (invited)</p> <p>Panelist: Willie Hines, Chair, Milwaukee Common Council</p> <p>Panel discussion</p> <p>Audience Q&A</p>
9:15am to 10:00am	KEEP K-12 Teacher Class (Room 101C)
9:30am to 11:30am	Milwaukee Area Workforce Investment Board: Milw. Public Schools Green Career Session (Room 101A)
9:00am	EXHIBITS OPEN / CLOSE AT 2:30 (Ballroom CD)
9:35am to 10:00am	BREAK / EXHIBITS (Ballroom CD)
10:00am to -10:20am	<p>Introduction: Michael Rosen, President, American Federation of Teachers Local 212</p> <p>Keynote: Congresswoman Gwendolynne Moore</p>
10:20am to 11:50am	<p>PLENARY SESSION G – Perspectives on the Stimulus Package – Gains for Wisconsin and for Alternative Energy</p> <p>Host: Michael Townsend, Vice President, Mequon Campus, Milwaukee Area Technical College</p> <p>Plenary Chair: Art Harrington, Partner and Environmental Lead, Godfrey and Kahn</p> <p>Moderator: Mike Gousha, Marquette University Law School <i>“Panel and Topic Introduction”</i></p> <p>Panelist: Judy Ziewacz, Director, WI Office of Energy Independence (invited)</p> <p>Panelist: Sammis White, UW-Milwaukee, Director, Center for Workforce Development</p> <p>Panelist: Charles Higley, Executive Director, Citizens Utility Board</p> <p>Panelist: Don Wichert, Director, Focus on Energy, Renewable Energy Program</p> <p>Panel Discussion</p> <p>Audience Q & A</p>
11:50am to 12:30noon	BREAK / EXHIBITS (Ballroom CD)
12:30pm to 2:30pm	Milwaukee Area Workforce Investment Board: Milw. Public Schools Green Career Session (Room 101A)
1:30pm to 2:30pm	KEEP Roundtable Discussion: Connecting High School Technology Education Instructors & Technical College Instructors: Exploring opportunities to increase Renewable Energy & Energy Efficiency Education (Room 202AB)

For complete information on the 2009 Summit visit renewableenergysummit.org

DAY THREE – FRIDAY, MARCH 27, 2009

7:30am to 1:30pm Summit Registration Open in Ballroom AB Foyer

12:00pm to 2:20pm **PLENARY SESSION H – Perspectives on the Stimulus Package – The Role of the Private Sector in Energy Projects (Ballroom AB)**
 Host: Pablo Cardona, Vice President, West Allis campus, Milwaukee Area Technical College
 Plenary Chair: Art Harrington, Partner and Environmental Lead, Godfrey and Kahn
 Moderator: Thomas Content, Energy Reporter, Milwaukee Journal-Sentinel
 Panelist: John Greindanus, Senior Administrator, The Boldt Company
 Panelist: Jeffrey Crawford, Attorney General, Forest County Potawatomi Community
 Panelist: Joel Rogers, Executive Director of COWS, Professor, UW-Madison
 Panelist: Carlos Santiago, Chancellor, UW-Milwaukee
 Panelist: Bruno Biasiotta, VP & General Manager Solutions, North America, Johnson Controls, Inc.
 Panel Discussion
 Audience Q & A

1:00pm to 2:00pm
 Introductions: Carlos Santiago, Chancellor, UW- Milwaukee
 Dan Clancy, President, Wisconsin Technical College System
 Keynote: Congressman David Obey (confirmed)

VI BREAKOUT SESSIONS 2:30pm to 4:15pm	Curriculum Programs and Course Design SESSION 4-6 ROOM 102C	Energy Efficiency SESSION 5-6 ROOM 103AB	Energy Management SESSION 7-6 ROOM 103C	Focus on Energy Program SESSION 9-6 ROOM 201A
	Putting Renewable Energy Into the Curriculum – Multi presentations <i>D. Stinnett and MATC faculty</i>	A Saving Profession: Careers in Energy Efficiency <i>M. Guilfoyle; D. Ciepluch; J. Wasley</i>	Speeding Renewable Energy Development in We Energies Service Territory <i>C. Lindholm; W. Gaskill</i>	Growing Wisconsin Renewable Energy Businesses <i>N. Wolter; M. Daugherty; M. Vickerman; T. Petith</i>
Greening Practices for Colleges SESSION 11-6 ROOM 201B	Solar Thermal & Geothermal SESSION 15-6 ROOM 202DE/203AB	Sustainable Practices SESSION: 16-6 ROOM 201CD		
Natural Lawn Care for the Campus <i>D. Smith</i> VermiComposting with Worms <i>M. Sargent</i>	Commercial/Institutional Solar Water Heating Systems 202DE <i>C. Tarr</i> Commercial Geothermal Heat Pump Systems 203AB <i>M. McDevitt</i>	Gateway Technical College's Sustainable Efforts <i>L. Hobbs; M. Zlevor</i>		

4:15pm All sessions end / Summit ends

DAY FOUR – SATURDAY, MARCH 28, 2009 – MREA WORKSHOPS

7:30am to 1:15pm Registration – ECAM Lobby

8:00am to Noon Green Workplace Auditor

9:00am to 5:00pm Basic Photovoltaics

9:00am to 5:00pm Introduction to Wind Systems

9:00am to 5:00pm Solar Domestic Hot Water systems

Noon to 1:00pm Lunch

All Saturday functions are held at: MATC Oak Creek Campus, ECAM Center, 6665 S. Howell Avenue, Oak Creek

For more information, or to register for a Workshop visit www.the-mrea.org

POSTER SESSIONS

Exhibit Hall, Ballroom CD

Wednesday	<ul style="list-style-type: none"> • Alice Wray Muelhbauer, UW-Milwaukee “Green Roof Storm Water Management: Effects of Soil Media” • Alyssa Hartson, Jessie Pucel, Ryan Goetz, UW-Milwaukee “Edible Green-Roof Pilot Project of an Urban Campus Student Housing at UW-Milwaukee” • Eric Davis & Vishal Rana, UW-Milwaukee “UWM Solar House” • Sunderam Krishnan and Taran Singh Bedi, UW-Milwaukee “Low Power Wind Turbine Energy Maximizer” • Megan Pease UW-Milwaukee “A Comparative Analysis of Alternative Fuels from a modified Triple Bottom Line Perspective”
Wednesday – Friday	<ul style="list-style-type: none"> • Jeff Barrie (Documentary Film) “Global Warming & Sustainability”
Thursday	<ul style="list-style-type: none"> • John Hackney, Mike Beauchanine, R. Hardy Sawall, Great Lakes Energy LLC “A rapid, non destructive determination of feedstock types used to produce assorted biodiesel samples, (FTIR-ATR)” • Jeff Thiel, UW-Milwaukee “Solar Hot Water Technology” • Andrea Luecke, City of Milwaukee “Milwaukee Shines”
Friday	<ul style="list-style-type: none"> • Nancy Kellogg, Goddard College “The Promise of Biochar – a low tech carbon-negative technology that sequesters carbon & builds soil fertility”

Poster session changes since press time will be announced at the Summit.

EXHIBITORS

Exhibit Hall, Ballroom CD

Booth 13	Andrew Toyota	Booth 303	URS Corporation
Booth 14	Concordia University Wisconsin	Booth 304	Godfrey & Kahn
Booth 15	Michels Corporation	Booth 305	Natural Resource Consulting, Inc.
Booth 16	Future Green	Booth 306	Mid-State Technical College
Booth 17	ASQ Lean Enterprise	Booth 307	The Boldt Company
Booth 18	American Lung Association of Wisconsin	Booth 308	RENEW Wisconsin
Booth 19	Madison Gas and Electric Company	Booth 400-401	Milwaukee Area Technical College
Booth 20	Eco Hatchery, LLC	Booth 402	SolaRain LLC
Booth 21-24	University of Wisconsin - Milwaukee	Booth 403	FABCO Power Systems
Booth 100-101	Focus on Energy	Booth 404	Weston Solutions
Booth 102-103	Wisconsin Pipe Trades Association	Booth 405	Own Energy, Inc.
Booth 104-106	Madison Area Technical College	Booth 406	Educational Technologies, Inc.
Booth 107	Western Technical College/BEST Energies,	Booth 407	Full Spectrum Solar
Booth 108	American Society for Quality	Booth 408	Midwest Renewable Energy Association
Booth 200-201	Focus on Energy	Booth 500-501	Johnson Controls
Booth 202-203	Multistack/Master Builders	Booth 502-503	Lakeshore Technical College
Booth 204	Wisconsin Distributed Resources Collaborative	Booth 504	Wisconsin Electrical Workers
Booth 205	Mount Mary College	Booth 505-508	We Energies
Booth 206	Hot Water Products, Inc.	Booth 601	Greenswitch
Booth 207	Port of Milwaukee	Booth 602	Waukesha County Technical College
Booth 208	A-A Exteriors.com, Inc.	Booth 603	Wisconsin K-12 Energy Education Program
Booth 300-301	Milwaukee Area Technical College	Booth 604	American Renewable Power, LLC
Booth 302	San-a-Care, Inc.	Booth 605-608	ORION Energy

Exhibit floor plan, including any additional exhibitors since press time, will be available at the Summit



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President, Gateway Technical College

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Artha Renewable Energy and Focus on Energy

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**Mark your calendars now for the seventh annual
Wisconsin Renewable Energy Summit
March 24-27, 2010
at Midwest Airlines Center in Milwaukee.**

The Summit thanks the Wisconsin Center District for their excellent accommodations and their ongoing commitment to sustainability and a green convention center.

For complete information on the 2009 Summit visit renewableenergysummit.org



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This program went to the printer on March 16. Subsequent changes to the program will be announced.

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