



2 0 0 9 W I S C O N S I N
Renewable Energy Summit

**Renewables, Sustainability, Energy Efficiency,
and Green Energy Practices**

March 25 - 28, 2009 – Milwaukee

2009 SUMMIT THEME:

***Green Business –
Unlimited Economic Opportunity***

- WRES History and Background
- 2009 Summit Schedule
- 2009 Summit Major Program Presentation Themes
- 2009 Summit Stakeholders/Sponsors
- 2009 Summit Committees
- 2009 Program Theme Information



Renewable Energy Summit

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Green Business – Unlimited Economic Opportunity

Mar. 25 - 28, 2009
Milwaukee

Contact or Questions:
Bob Gilbertson, Chair
2009 Renewable Energy Summit
rgilbertson@wtcsf.com

renewableenergysummit.org

WRES History and Background

The Wisconsin Renewable Energy Summit (WRES) was initiated by the Wisconsin Technical College System in the spring of 2004. The 16 Colleges foreshadowed their increasing interest and involvement in renewables, green practices and sustainables, as well as energy efficiency education by presenting the Summit. The Summit has expanded its original offerings to reflect the increasing national interest in reducing our dependence on fossil fuels.

The history of the Summit includes the following pattern of consistent growth:

Location	Host College	Attendees
2004 in Cleveland	Lakeshore Technical College	85
2005 in Milwaukee	Milwaukee Area Technical College	120
2006 in Wisconsin Rapids	Mid-State Technical College	200
2007 in Milwaukee	Milwaukee Area Technical College	400
2008 in Milwaukee	Milwaukee Area Technical College	1250
2009 in Milwaukee	Milwaukee Area Technical College	

The 2008 Wisconsin Renewable Energy Summit included over 1200 attendees, 60 exhibitors, 40 sponsoring organizations, 114 breakout speakers and many prominent national speakers. The three day event was successful by every measure. The Summit, titled “Green Jobs – Growing Wisconsin’s Economy,” focused on the role that renewable energy, such as wind power, solar energy, geothermal, green buildings and bio-energy technologies will play in supporting Wisconsin’s economic well being. Growth of renewable energy businesses will create new “green collar” jobs in Wisconsin. Those jobs include: manufacturers, installers, consultants, engineers, and associated professions. Renewable energy in Wisconsin has the potential to produce 35,000 jobs in the next 10 years.

The 2009 Summit includes expanded offerings; traditional renewables, bio-industry, water resources, carbon capture and sequestration, green transportation, energy efficiency, sustainable technologies and quality practices, green career pathways, workshops and training short courses, and greening practices for Colleges.

Sponsoring organizations provide funding to assist in the planning and development of the Summit. These organizations also provide funding so that all students: k-12, workforce development students, Technical College students, and University students from throughout the Midwest attend for free. Logon to renewableenergysummit.org for more information.



2009 WISCONSIN

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The “silver lining” of Wisconsin and the nation’s recent financial crisis is really a “green lining.” More and more businesses are making the historic transition from fossil fuels to renewable resources and energy efficiency – and thereby reaping greater productivity and lower costs. This momentous shift creates ever-brighter prospects for workforce, manufacturing and technological development, and for innovative energy management and use. C&D Technologies, for example, is a Pennsylvania-based battery manufacturer with five plants across America, including one in Milwaukee’s Riverwest neighborhood.

C&D Technologies looks to research, develop and manufacture a new line of lithium-ion batteries at its Milwaukee facility, creating some 150 new jobs, at an average annual wage of \$47,650 - \$56,400.

The sixth annual Wisconsin Renewable Energy Summit will showcase this and other new opportunities to turn green into gold on March 25 – 28, 2009 at the Midwest Airlines Center in Milwaukee. This year’s theme, *Green Business – Unlimited Economic Opportunity*, focuses on how the growth of renewable energy businesses – and existing businesses exploring this market shift – will generate new economic opportunities in Wisconsin. The 35,000-plus new positions forecast over the next decade include manufacturers, installers, consultants, engineers and associated professions.

The Summit will convene over 2000 attendees from business, industry and academia for tours, exhibits and four days of plenary and parallel breakout sessions. Sixteen program tracks target prime opportunities for renewable energy and related technologies: wind, solar-electric, solar-thermal and geothermal, bio-industry, green community practices, green building practices, energy efficiency, energy management and sustainable practices, green transportation, green curricula and course design, energy policies, legal issues, funding opportunities, energy revolution drivers, sustainable technologies and practices, green career pathways, green college practices, and other workshops, short courses and training opportunities.

A rousing conference welcome, thought-provoking plenary sessions and a reception at the captivating Discovery World on the shore of Lake Michigan conclude the Summit’s opening day on March 25, which focuses on greening businesses and sustainability. Day two, on March 26, continues that focus and adds special tracks, breakout sessions, exhibits, plenary talks and a sumptuous dinner banquet. The emphasis on day three, March 27, shifts to green careers, education and workforce development. And an optional day four on March 28 - new this year - expands the Summit’s purview to offer broad-based Saturday workshops, trainings and certification sessions for businesses, consumers and homeowners.

Last year’s Summit, held at Milwaukee’s Midwest Airlines Center, greatly expanded the Summit’s scope and breadth. Attendance increased more than threefold, from 400 to over 1200. A corresponding across-the-board rise in participation included 60 exhibitors, 40 sponsoring organizations, 114 breakout session speakers and multiple speakers of national renown

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Several recent indicators point to why Wisconsin's "green lining" will continue to lead the way in countering the state's economic woes:

- A study prepared by the Renewable Energy Policy Project found that 1,331 companies in Wisconsin could reap 35,133 new jobs, primarily in wind turbine and solar manufacturing. This key study was released in December 2007 by the Blue-Green Action Alliance, a partnership of the Sierra Club, United Steelworkers, and Good Jobs and Livable Neighborhoods. The Apollo Alliance and Urban Habitat co-produced a related 2007 report, *Community Jobs in the Green Economy*. The report outlines how America can move toward energy independence and also create high-skill and high-wage jobs in the new green economy.
- An October 2008 paper prepared by Global Insight for the United States Conference of Mayors, notes several economic advantages of the Green Economy, "manifested in job growth, income growth, and of course, a cleaner environment." *Current and Potential Green Jobs in the U.S. Economy* examines current and projected green jobs by metropolitan area, estimating that Madison, for example, could experience explosive growth. The capitol city's 3,016 current green jobs could be joined by some 23,681 new green jobs by 2038.
- Governor Jim Doyle announced \$7.3 million in clean energy grants and loans from the Wisconsin Energy Independence fund on September 25, leveraging up to \$44.2 million in additional investments and creating new jobs. State government continues to make progress on implementing Wisconsin's Energy Efficiency & Renewables Act of 2006, which requires 10 percent of the electricity sold in Wisconsin to be from renewable energy resources by 2015. Governor Doyle's related "25 by 25" goal aims for Wisconsin to derive 25 percent of its power and transportation fuels from renewable sources by 2025. This is the centerpiece of a detailed Declaration of Energy Independence.
- National venture capital investment in renewable energy shattered previous records for the third quarter of 2008, according to Greentech Media. With solar as the dominant sector, this record-breaking investment pace is projected to continue through 2009.

The time is now to gain fresh and invaluable insights on how companies and organizations can benefit from the current renaissance in Wisconsin's renewable energy marketplace. Additional information, including a presenter application, for the Summit is available at www.renewableenergysummit.org. For more information on sponsorship or exhibition opportunities, please contact Bob Gilbertson at rgilbertson@wtcsf.com.



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2009 WRES Schedule

Held in Milwaukee at Discovery World and Midwest Airlines Center, and at Milwaukee Area Technical College's Energy Conservation and Advanced Manufacturing (ECAM) facility in Oak Creek.

Wednesday, March 25 — 9:30 a.m. to 5:30 p.m.

Plenary sessions at Midwest Airline Center

Emphasis on greening businesses and sustainability

Reception: 6:30 p.m. to 8:30 p.m. at Discovery World

Who should attend:

Architects, engineers, building owners, energy managers, mechanical contractors, renewable energy installers, facility managers, designers, contractors, remodelers, school officials, chief financial officers, operations and maintenance personnel, utility representatives, property managers, college and university students, and anyone interested in reducing energy use in their building or facility.

Thursday, March 26 — 8 a.m. – 6:15 p.m.

Plenary and breakout sessions at Midwest Airlines Center

Emphasis on greening businesses and sustainability

Banquet: 6 p.m. to 9 p.m. at Midwest Airlines Center

Who should attend:

Architects, engineers, building owners, energy managers, mechanical contractors, renewable energy installers, facility managers, designers, contractors, remodelers, school officials, chief financial officers, operations and maintenance personnel, utility representatives, property managers, college and university students, and anyone interested in reducing energy use in their building or facility.

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Friday, March 27 — 8 a.m. – 2 p.m.

Plenary and breakout sessions at Midwest Airline Center
Green careers, education, workforce development

Who should attend:

Economic development staff, human resource staff, educators, school officials, college and university students, job seekers, union representatives.

Saturday, March 28 — Times TBA

Location: MATC Oak Creek Campus

- Workshops and renewable energy home products show for businesses, consumers, and homeowners
- Focus on Energy, MREA, and other workshops for organizations
- LEED certification sessions at the MATC Oak Creek Campus ECAM Center, plus parallel training programs.

Who should attend:

Anyone and everyone with an interest in renewable energy, homeowners, business owners, renters, and the general public.



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2009 Summit Schedule of Events

Tuesday, March 24, 2009

DATE/TIMES	FUNCTION	LOCATIONS
7:30 a.m. – 5 p.m.	Load in Exhibits, registration, signs, other materials	Midwest Airlines Center First Floor foyer, Ballroom CD

Wednesday, March 25, 2009

DATE/TIMES	FUNCTION	LOCATIONS
7:00 a.m. – 10:00 a.m.	Additional Load-in and set up	Ballroom AB Foyer - Registration Ballroom CD - Exhibits
8:30 a.m. – 5:30 p.m.	Registration Open	Ballroom AB Foyer – Midwest Airlines Center
9:30 a.m. – 11:00 a.m.	Welcome, Plenary Session A	Ballroom AB
11:00 a.m. – 6:00 p.m.	Exhibits Open Poster Sessions I	Ballroom CD Ballroom Foyer – various locations
12:15 p.m. – 1:15 p.m.	Luncheon, Plenary Speaker B	Ballroom AB
1:30 p.m. – 3:15 p.m.	Breakout Sessions I	Meeting Rooms 101-103, 201-203
3:15 p.m.	Refreshment Break, Bar Opens	Ballroom CD (concurrent with Exhibits)
3:45 p.m. – 5:30 p.m.	Breakout Sessions II	Meeting Rooms 101-103, 201-203
5:00 p.m. – 6:30 p.m.	Reception Set Up	Discovery World Promenade
6:15 p.m. – 8:45 p.m.	Shuttle Bus to Discovery World & Back to MAC	Ballroom AB Foyer – North doors
6:30 p.m. – 8:30 p.m.	Reception at Discovery World	Discovery World

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Thursday, March 26, 2009

DATE/TIMES	FUNCTION	LOCATIONS
7:30 a.m. – 6:00 p.m.	Registration	Ballroom AB Foyer
8:00 a.m. – 9:50 a.m.	Announcements; Plenary Session C	Ballroom AB
10:00 a.m. – 6:15 p.m.	Exhibits Open	Ballroom CD
10:00 a.m. – 11:45 a.m.	Breakout Session III	Meeting Rooms 101-103, 201-203
11:45 a.m. – 12:30 p.m.	Exhibits/ Networking/ Poster Sessions II	Ballroom Foyer – various locations
12:30 p.m. – 1:45 p.m.	Luncheon and Presidents' Panel	Ballroom AB
2:00 p.m. – 3:45 p.m.	Breakout Sessions IV	Meeting Rooms 101-103, 201-203
3:45 p.m. – 4:15 p.m.	Refreshment Break/Exhibits/ Bar Open	Ballroom CD
4:30 p.m. – 6:15 p.m.	Breakout Sessions V	Meeting Rooms 101-103, 201-203
6:15 p.m.	Exhibits Close (Exhibitor Load Out for some)	
6:30 p.m. – 9:00 p.m.	Banquet / Awards Program / 2 Keynote Speakers	Ballroom AB

Friday, March 27, 2009 — GREEN CAREER DAY

DATE/TIMES	FUNCTION	LOCATIONS
7:30 a.m. – 1:00 p.m.	Registration Open	Ballroom AB Foyer
8:00 a.m. – 8:45 p.m.	Breakout Sessions VI	Meeting Rooms 101-103, 201-203
8:30 a.m. – 2:00 p.m.	Exhibits Open (Green Career Day)	Ballroom C
8:45 a.m. – 9:15 a.m.	Refreshment Break/Exhibits/Poster Sessions III	Ballroom Foyer – various
9:00 a.m.	Green Career Day – Registration Opens	Ballroom AB Foyer
9:15 a.m. – 11:00 a.m.	Breakout Sessions VII	Meeting Rooms 101-103, 201-203
9:30 a.m. – 2:00 p.m.	Green Career Day Program	Ballroom AB

Saturday, March 28, 2009

DATE/TIMES	FUNCTION	LOCATIONS
Times TBA	Registration	MATC Oak Creek Campus - ECAM
Times TBA	Summit Workshops	MATC Oak Creek Campus - ECAM
Times TBA	Summit Special Meetings/Seminars	MATC Oak Creek Campus - ECAM



2009 Summit Corporate Sponsors

Green Champions

**Johnson
Controls**



Summit Partners



we energies



Sustaining Sponsor



SmartPower

Let's Get Energy Smart.



2009 Summit Educational and Not-For-Profit Sponsors

Green Champions



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Major Program Themes

Bio Industry Energy

- Theme 1 – see page 17 for details.
- Theme 2 – see page 18 for details.

Energy Efficiency

See page 19 for details.

Energy Management and Renewable/Sustainable/Green Practices

See page 20 for details.

Energy Policy/Legal Issues/Drivers of Energy Revolution/Opportunities for Funding

See page 21 for details.

Green Career Pathways

See page 22 for details.

Green Manufacturing

See page 23 for details.

Greening Practices for Colleges

See page 24 for details.

Green Transportation

See page 25 for details.

Solar Electric Energy

See page 26 for details.

Solar Thermal and Geothermal Energy

See page 27 for details.

Curriculum Programs and Course Design

See page 28 for details.

Business Technologies and Practices

- Theme 1 – see page 29 for details.
- Theme 2 – see page 30 for details.

Utility Issues

See page 31 for details.

Water Technology

See page 32 for details.

Wind Energy

See page 33 for details.

Special Events

Wisconsin Technical College Presidents Panel

Workshops, Short Courses and Other Training Opportunities

See page 34 for details.



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2009 Summit Stakeholders

American Society for Quality

City of Milwaukee

Focus On Energy

Fox Valley Technical College

Gateway Technical College

Johnson Controls, Inc.

Lakeshore Technical College

Madison Area Technical College

Mid-State Technical College

Midwest Airlines Center

Milwaukee Area Technical College
Host Institution

Milwaukee Area Technical College
Energy Conservation and
Advanced Manufacturing Center

Milwaukee Area Workforce
Investment Board, Inc.

Milwaukee Public Schools

Moraine Park Technical College

Midwest Renewable Energy
Association

Milwaukee School of Engineering

Nicolet Area Technical College

Northcentral Technical College

Northeast Wisconsin
Technical College

Physicians for Social Responsibility

RENEW Wisconsin

Smart Power

University of Wisconsin–Milwaukee

University of Wisconsin–Milwaukee
School of Continuing Education

Waukesha County Technical College

Wisconsin Clean Cities

Wisconsin Indianhead
Technical College

Wisconsin Office of Energy
Independence

Wisconsin Technical Colleges

Wisconsin Technical College
System Foundation

Wisconsin Technical College
System Office

We Energies

Others to be announced



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2009 Summit Committees

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Ann Beier, *City of Milwaukee*
Joe Jacobsen
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Pat Keily, *We Energies*
Judy Mouton, *Johnson Controls, Inc.*
Bill Quirmbach
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Joe Stolzman
Milwaukee Area Workforce Investment Board

George Stone
Milwaukee Area Technical College
Francis Vogel, *Wisconsin Clean Cities*
Ray Walter, *Waukesha County Technical College*
Robert Watters, *American Society for Quality*

Sponsor Committee

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Wisconsin Clean Cities

Bob Gilbertson, Committee Chair
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Joe Jacobsen
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Mike Kuehl
*Milwaukee Area Technical College
Office of Corporate Learning*
George Stone
Milwaukee Area Technical College

Plenary/Keynote Presenter Committee

Colin Scanes, Committee Co-Chair
University of Wisconsin Milwaukee
George Stone, Committee Co-Chair
Milwaukee Area Technical College

Exhibit Committee

Ed Blume, Committee Co-Chair
RENEW Wisconsin
Bill Quirmbach, Committee Co-Chair
Milwaukee Area Technical College

Logistics Committee

Bill Quirmbach, Committee Chair
Milwaukee Area Technical College

Program Committee

Ray Walter, Committee Chair
Waukesha County Technical College

Amy Kox, *Northeast Wisconsin Technical College*
Chris Damn, *Milwaukee School of Engineering*
Judy Mouton, *Johnson Controls, Inc.*
Rahim Setodeh
Milwaukee Area Technical College
Don Wichert, *Focus on Energy*

Workshops Committee

Joe Jacobsen, Committee Co-Chair
Milwaukee Area Technical College
Tehri Parker, Committee Co-Chair, *MREA*

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Milwaukee Area Technical College
Kelly Lang, *Focus on Energy*
Judy Mouton, *Johnson Controls, Inc.*

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Joseph Stefan
Waukesha County Technical College
Sean McFeely
Waukesha County Technical College

Target Audience Committee

To be announced

Registration Committee

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Milwaukee Area Technical College
Tracy Krall, *Milwaukee Area Technical College*



PROGRAM THEME: Bio Industry Energy — Theme 1

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Program Theme Committee Members:

Ken Walz
Madison Area Technical College

Program Theme Presenters:

Allen Kirn
Johnson Controls, Inc.

- Water resources
- Carbon footprints, carbon trading, carbon capture and sequestration
- Energy Independent communities
- Cover fleets, buildings, waste stream, etc.

Possible Topics

1. Coal-to-wood utility boiler conversions
2. Wood Pellet Industry, Advantages for cost savings and barriers to the expansion of the industry
3. Resurgence of interest in wood for heating (Pam Porter)
4. Energy items in the 2009-2010 state budget
5. Developments in federal energy programs/policies (US DOE)
6. Chemical Manufacturers- defining the industry through biochemistry and economics to compete with the petro-chemical industry
7. USDA BioPreferred Program, education and value opportunities
8. How can the biofuels sector take advantage of the emerging bioproducts (ie...plastic, resin, biopharmaceutical) for value added products
9. Waste streams and adding a third waste stream for composting/digestion

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PROGRAM THEME: Bio Industry Energy — Theme 2

Program Theme Coordinator(s):

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Program Theme Committee Members:

Ken Walz

Madison Area Technical College

10. Building an bioproducts industry that has a smaller footprint while increasing wealth here
11. Economics of stover collection for biopower “Digging Up The Power”
12. Wind regulations, transportation issue and expansion of the wind manufacturing industry “Ride The Wind To Prosperity”
13. Transportation issues related to biomass transfer and permitting process “If We Build Them, Can We Move Them?”
14. Municipal utility opportunities for waste/cost reduction through more biopower.
15. Energy Statistics Update
16. Energy Independent Communities -- New programs/funding/partnership opportunities
17. 25 x 25 update – how are we doing
18. The future of Biofuels - feed stock and research
 - NREL
 - WI Biodiesel Association
 - UW Madison
19. Anaerobic digestion and agriculture in Wisconsin
 - Focus on Energy
20. Transportation fuel updates



PROGRAM THEME: Energy Efficiency

Program Theme Coordinator(s):

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Program Theme Committee Members:

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We Energies

Susan Loomans

Wisconsin Green Building Alliance

Jim Wassley

University of Wisconsin Milwaukee

Program Theme Presenters:

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Johnson Controls, Inc.

1. Daylighting
2. Lighting (including LED lighting)
3. Operations & Maintenance
4. Efficiency Works (Success stories from education and government facilities)
5. Efficiency Works (Success stories from businesses – hospitals, grocery stores, etc.)
6. Retro-commissioning
7. New Construction
8. Efficiency Careers
9. Green Buildings



PROGRAM THEME:

**Energy Management and
Renewable/Sustainable/Green Practices**

Program Theme Coordinator(s):

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Program Theme Presenters:

Karen Kukec

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Derek Price

Johnson Controls, Inc.

renewableenergysummit.org



PROGRAM THEME:

Energy Policy/Legal Issues/Drivers of Energy Revolution/Opportunities for Funding

Program Theme Coordinator(s):

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Program Theme Presenters:

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Johnson Controls, Inc.

Energy Policy

Legal Issues

Drivers of Energy Revolution

1. Energy legal issues and policies
2. Peak oil
3. Energy security
4. Climate change

Opportunities for Funding



PROGRAM THEME: Green Career Pathways

Program Theme Coordinator(s):

Lauren Baker
Milwaukee Public Schools

Jennie Lane
Wisconsin K-12 Energy
Education Program

Joe Stolzman
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Sara Windjue
Wisconsin K-12 Energy
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Program Theme Committee Members:

Mark Chandler
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NASA Goddard Inst
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Program Theme Presenters:

Mary Jo Solzburg
Johnson Controls, Inc.

Possible Topics

1. **Water** – Milwaukee’s greatest resource is Lake Michigan – How does water create jobs?
2. **Conservation** – What is the science to understanding conservation and what are the jobs?
3. **Solar** – How does solar power work and what skills do I need to work in the solar industry?
4. **Urban Ag** – What does it mean to work in Urban Agriculture?
5. **Green Education** – What career information do Milwaukee area youth need about future green career opportunities?



PROGRAM THEME: Green Manufacturing

Program Theme Coordinator(s):

Program Theme Presenters:

renewableenergysummit.org



PROGRAM THEME: Greening Practices for Colleges

Program Theme Coordinator(s):

Mike Sargent
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Program Theme Committee Members:

Program Theme Presenters:

Jeff Roepsch
Johnson Controls, Inc.

1. Facilities
2. Case studies
3. Green practices panel



PROGRAM THEME: Green Transportation

Program Theme Coordinator(s):

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Program Theme Committee Members:

Ann Beier
City of Milwaukee

Program Theme Presenters:

Maggie Teliska
Johnson Controls, Inc.



PROGRAM THEME: Solar Electric Energy

Program Theme Coordinator(s):

John W. Anderson
Mid-State Technical College

Program Theme Committee Members:

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Northeast Wisconsin Technical College
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Chris Damn
Milwaukee School of Engineering

Program Theme Presenters:

Walt Novash
Johnson Controls, Inc.

1. The future of solar power
 - National Renewable Energy Lab Photovoltaic research update
2. Large commercial and utility solar electric systems in Wisconsin
 - Johnson Controls update
3. Solar electric system manufacturing in Wisconsin: modules, inverters and racks
4. Policies needed to further grow Wisconsin's solar market



 **PROGRAM THEME: Solar Thermal and Geothermal Energy**

Program Theme Coordinator(s):

SOLAR THERMAL

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GEO THERMAL

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SOLAR THERMAL

Ben Nusz
Mid-State Technical College

Bob Ramlow
Artha Renewable Energy and
Focus on Energy

Program Theme Presenters:

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Bill Guiney
Johnson Controls, Inc.

GEO THERMAL

Dave Evers
Johnson Controls, Inc.



PROGRAM THEME: Curriculum Programs and Course Design

Program Theme Coordinator(s):

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George Stone, Co-Chair

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Program Theme Presenters:

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 **PROGRAM THEME: Business Technologies and Practices—Theme 1**

Program Theme Coordinator(s):

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Robert Watters
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Program Theme Presenters:

Ken Sidebottom
Johnson Controls, Inc.



PROGRAM THEME: Business Technologies and Practices—Theme 2

Program Theme Coordinator(s):

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Robert Watters

American Society for Quality
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A few topics are pulled together below.

1. Nordisk's triple bottom line
2. 9 principles of sustainability in organizations
3. business mission statements that contain social responsibility and sustainability
4. social responsibility performance reports and presentations
5. sustainability performance reports and presentations
6. five major categories of the LEED rating system
7. reverse supply networks as applied to internal and external suppliers
8. an energy conservation plan
9. economic externalities
10. 50 social responsibility measures
12. 50 sustainability performance measures
11. an ecological systems' carrying capacity
13. ISO 26000 implication proposal
14. renewable energy sources
15. ROI for sustainability initiatives
16. ecological natural capital
17. the concept of cradle to cradle
18. Lean & green



PROGRAM THEME: Utility Issues

Program Theme Coordinator(s):

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Program Theme Presenters:

renewableenergysummit.org



PROGRAM THEME: Water Technology

Program Theme Coordinator(s):

Claus Dunkelberg, Co-chair
Waukesha County Technical College

Val Klump, Co-chair
University of Wisconsin Milwaukee

Program Theme Committee Members:

Jeff Baness

Program Theme Presenters:



PROGRAM THEME: Wind Energy

Program Theme Coordinator(s):

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Program Theme

Committee Members:

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Mick Sagrillo

Sagrillo Power & Light

Michael Vickerman

RENEW Wisconsin

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Program Theme Presenters:

Jesse Stowell

Johnson Controls, Inc.

1. The future of wind power
2. Wind systems in Wisconsin
3. Wind system manufacturing in Wisconsin
4. Policies needed to further grow WI's wind market
5. LTC Wind Program overview
6. Students in the wind program



SPECIAL EVENTS

Wisconsin Technical College Presidents Panel Moderator:

Michael Lanser

President, Lakeshore Technical College

Workshops, Short Courses and Other Training Opportunities Theme Coordinator(s):

Joe Jacobsen

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Dana LaFontsee

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Tehri Parker

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Wisconsin Technical College Presidents Panel

1. Case studies of college projects
2. Projected college activities in renewables, green, sustainability, and energy efficiency
3. College mission and goals for renewables, green, sustainability, and energy efficiency

Panel Members:

Bryan Albrecht

President, Gateway Technical College

Bettsey Barhorst,

President, Madison Area Technical College

Jeff Rafn

President, Northeast Wisconsin Technical College

Located at MATC Oak Creek Campus:

Workshops, short courses, and other training opportunities

1. Energy auditing
2. Building commissioning
3. LEED
4. Measurement and verification specialist
5. Accredited professional and environmental design

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