



Ninth IOF-WV Symposium

The 9th Annual Industries of the Future-West Virginia Symposium was held November 8 and 9 in Charleston, West Virginia – the meeting was informative, challenging, provocative, and as many said, “Lots of fun!”

In his talk luncheon talk on November 8, Tom Casten, Chair and CEO of Primary Energy LLC, told us about a study done at Lawrence Berkley National Lab for the U.S. Environmental Protection Agency documenting 95,000 megawatts of electrical power that potentially could be generated with “recycled energy.” Putting this wasted energy to work could reduce U.S. generation requirements by 19% and alleviate 17% of our CO₂ production.

Primary Energy is practicing what it preaches – they produce enough electricity and steam with recycled energy at Mittal’s Inland plant near Chicago to save Mittal more than \$110 million per year.

In introducing Tuesday’s luncheon session, State Senator Brooks McCabe said he believes that concern over energy issues creates another pathway for West Virginia to become a high-technology state. He stated further that, “. . .how we used resources in the past need not be the way they will be used in the future.”

Charles Bayless said that U.S. Energy policy in recent years has essentially been, “In Gas We Trust.” He noted that high prices for energy are here to stay and that our economy will tend to restructure around higher energy costs. He suggested looking at Europe to see how high energy prices could reshape our economy.

WVU President David Hardesty noted that future energy prices will be driven by demand for energy as the world’s rural poor – most of whom have never even placed a phone call – rapidly demand more energy to improve their quality of life. He noted that societies, as well as individual states, are rewarded for innovation and he challenged IOF-WV to help lead the way for West Virginia.

Brian Kastick, Director of the Governor’s Office of Public Policy and Federal Affairs, overviewed the Manchin Administration’s efforts to “set the stage” for private invest-

ment and development through sound fiscal policy, privatization of worker’s compensation, and civil justice reform. He stated the Governor’s commitment to creating “strategic energy advantages” to help West Virginia’s energy-intensive companies.

Save Energy Now

The DOE Office of Industrial Technologies has launched a program designed to provide immediate relief for high energy costs to the nation’s most energy intensive companies. Two hundred such companies will be selected initially to receive Energy Savings Assessments by a team of highly trained, qualified energy efficiency experts. The assessment team will identify immediate opportunities to save energy and money, focusing on steam and process heating systems. An application must be completed before December 9, 2005. For additional information, go to <http://www.eere.energy.gov/industry/> and look under *Featured News*.

IOF-WV Engineering Scientist Position Open*

IOF-WV Engineering Scientist Bill Johnson has informed us that he is returning to the chemical industry as an Engineering Fellow with Arkema Chemical Company. As you may know, Bill had a career with FMC Corporation, including the position of Director of Business Development and Electronics Technology – Hydrogen Peroxide Division, prior to joining the IOF-WV program in September 2003. His new job with Arkema will be involved with hydrogen peroxide technologies. We very much appreciate Bill’s good work with IOF-WV and wish him and Emily all the best in the future.

*Contact Carl Irwin for additional information.

Registration information and the agenda for the 2006 IOF-WV Day at the State Capitol are available at <http://iofww.nrcce.wvu.edu>

EVENTS

2006 WV Manufacturers Day at the State Capitol will be held January 12, 2006 at the West Virginia State Capitol, Charleston, WV. For more information contact the WVMA at (304) 342-2123 or wvma@wvma.com.

2006 IOF-WV Day at the State Capitol will be held January 24, 2006 at the West Virginia State Capitol, Charleston, WV. Detailed information will be coming out soon. For further information contact Kathleen Cullen at (304) 293-2867 ext. 5426 or Kathleen.Cullen@mail.wvu.edu.

A. B. Brooks Forestry Symposium sponsored by the WV Forestry Associatin will be held January 26-27 at the Charleston House Holiday Inn, Charleston, WV. For more information contact the WVFA at (304) 372-1955 or wvfa@wvadventures.net.

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If you prefer to receive this newsletter electronically, please email Kathleen Cullen

Co-Funding Opportunities for IOF–WV Research Teams

Announcement	Due Dates	Funding
National Science Foundation SBIR/STTR Programs Phase I Solicitation FY2006 www.nsf.gov	Now Open (Request for Proposals) December 8, 2005 (Proposals Due)	\$100,000 for Phase I awards \$100,000 to \$750,000 for Phase II awards
U.S. Department of Energy Inventions and Innovations http://e-center.doe.gov	Now Open (Request for Proposals) October 11, 2005 (Pre-proposals Due) January 31, 2006 (Full proposals Due)	\$2,000,000 in total funding
U.S. Department of Energy Chemicals Industry of the Future http://e-center.doe.gov	Now Open (Request for Proposals) January 11, 2006 (Proposals Due)	\$10,000,000 in total funding
U.S. Department of Energy Innovative Energy Systems Challenge http://e-center.doe.gov	Now Open (Request for Proposals) December 7, 2005 (Letter of Intent Due) January 25, 2006 (Proposals Due)	\$4,000,000 in total funding for Phase I projects
U.S. Environmental Protection Agency Greater Research Opportunities: Environmentally Benign Manufacturing and Processing http://www.epa.gov/ogd/competition/open_awards.htm	Now Open (Request for Proposals) January 31, 2005 (Proposals Due)	\$1,400,000 in total funding anticipated
National Science Foundation Innovation and Organizational Change www.nsf.gov	Now Open (Request for Proposals) February 2, 2006 (Proposals Due)	\$1,500,000 in total funding
U.S. Department of Agriculture National Research Initiative Competitive Grants Program www.csrees.usda.gov	Now Open (Request for Proposals) Due dates vary, see solicitation (Proposals Due)	\$180,000,000 in total funding anticipated

Don't Forget to Register!

2006 IOF-WV Day at
the State Capitol

January 24, 2006

West Virginia State Capitol, Charleston, WV
For further information contact Kathleen Cullen at
(304) 293-2867 ext. 5426 or
Kathleen.Cullen@mail.wvu.edu or visit
iofww.nrcce.wvu.edu.

RECCON'05 Conference

Global Electronics Recycling Solutions

A forum for sharing information, ideas and solutions on recycling end-of-life electronics

Radisson Conference Center

Morgantown, WV

November 28-30, 2005

For further information contact Larue Williams at
(304) 293-8274 or visit
www.wvu.edu/~RECCON05



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Industries of the Future - West Virginia Program
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West Virginia Development Office

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