



Decentralized Energy Monthly:
A Global Roundup of Decentralized Energy and Distributed Generation News

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WADE in Action

WADE Chairs International Energy Forum

Executive Director Calls for Gas/LNG/DE Efficiency Partnership

Seoul, Korea - WADE Executive Director David Sweet chaired and presented at an international conference focused on issues and opportunities facing the global LNG and natural gas industry. Sweet's keynote focused on the opportunity for providers of natural gas and LNG supplies to partner with high efficiency end-use DE technologies to advance environmental and climate goals and objectives. Sungdo Gong, Head of BP Korea, also focused on the environmental message and the challenge facing the industry to reduce CO₂ emissions as the rapidly growing economies of China and India create additional demands for fossil fuels.

For information visit the conference [website](#).

WADE Highlights Value of DE in Providing Reliable Power During Storm Outages
Storms are the Problem, Local Power is the Solution

Washington, USA - The last week in January WADE highlighted the potential role of DE in response to recent severe weather in the US, Europe and Australia that resulted in

hundreds of thousands losing power for days on end. In a press release WADE's Executive Director stated: "Decentralized energy, also known as local power, is a proven solution that helps keep the power on when it matters most".

Read the [press release](#) (pdf).

Cogeneration Underestimated in EU Strategic Energy Review

WADE Responds in Joint Letter

Brussels, Belgium -The EU recently released its Strategic Energy Review which, in WADE's view, seriously underestimated the strategic importance of DE to EU members and regional energy security. In response to the strategy release, WADE and Cogen Europe highlighted their concerns in letters to the Editor of the Financial Times and the Economist, stating that "the European Strategic Energy Review is alarmingly silent on cogeneration and decentralized energy, the subjects of a major directive and the most immediate single source of both energy savings and CO₂ reduction available in Europe today."

Read the [letter](#).

Read about the Energy Review on the EU [website](#) .

WADE Invited to United Nations Economic Commission for Europe Session

European Energy Policy Focus of High Profile Meetings

Geneva, Switzerland -WADE was invited to attend the 15th annual event "Sustainable Energy Policies: The Key to Energy Security". The event featured such important speakers including:

- Claude Mandil, Executive Director, International Energy Agency (IEA)
- Andrey Reus, Deputy Minister, Ministry of Industry and Energy, Russian Federation
- Stanislav Tsygankov, Director, International Business Department, Gazprom

For more information on the meeting and to view presentations visit the event [website](#).

Greenpeace and WADE to Examine Energy Options for Iran

WADE Economic Model Applied to Iran to Gauge Cogeneration Potential

Amsterdam, the Netherlands - WADE has joined with Greenpeace International to help assess the potential for DE and cogeneration in Iran, as well as the potential economic and environmental impact on the country. Greenpeace has collaborated with WADE on a number of global initiatives to demonstrate the role that DE can play in efficiently, affordably and cleanly meeting regional energy needs.

WADE Participates in Energy Efficiency Roundtable for International Cooperation

Cogeneration Emphasized as Important Part of Efficiency Equation

Brussels, Belgium - The Energy Efficiency Roundtable was held in Brussels on 1 February 2007 as part of the EU Sustainable Energy Week. This high-level meeting explored initiatives promoting energy efficiency in different countries, and possibilities for international cooperation. In his opening address, European Commissioner for Energy, Andris Piebalgs, emphasized the need for action as well as the importance of cogeneration and DE for improving the efficiency of the power sector.

More information about the Round Table meeting and the EU Sustainable Energy Week can be found on the [website](#).

European Funded Program to Promote Cogeneration in Asia Comes to Close WADE Participates in Final EC-ASEAN Energy Facility Dissemination Conference

Brussels, Belgium - Brussels, Belgium - On 2 February the European Commission hosted an event in Brussels summarizing the main results of a 15-year project supported by the Commission to develop DE and renewable energy projects in ASEAN countries. Ludovic Lacrosse, the director of the COGEN 3 Project, presented the results. The project developed country chapter offices in 9 of the 10 ASEAN countries. Coordinators were appointed in each region and best practice pilot projects were constructed.

Information on the results of the COGEN 3 Project can be found at its [website](#).

Global Briefs

4th IPCC Climate Change Report Released

UN Scientists Say Science "Unequivocal", Humans "Very Likely" the Cause

Paris, France - The UN commissioned Intergovernmental Panel on Climate Change (IPCC), the consensus based group of more than 800 climate scientists from 130 countries around the world, released its long-awaited report on the scientific evidence related to climate change. At least 2,500 expert reviewers checked the work for accuracy. The panel found: :

- "Warming of the climate system is unequivocal, as is now evident from observations of increases in global average air and ocean temperatures, widespread melting of snow and ice, and rising global mean sea level";
- The global atmospheric concentration of CO₂ in 2005 exceeds by far the natural range over the last 650,000 years (180 to 300 ppm) as determined from ice cores.;
- The primary source of the increased atmospheric concentration of carbon dioxide is from fossil fuel use;
- The frequency of heavy precipitation events has increased over most land areas
- Widespread changes in extreme temperatures have been observed;
- There is observational evidence for an increase of intense tropical cyclone activity;

To download a summary of the report visit the [website](#) (pdf).

Launch of a Comprehensive Global Energy Strategy Sets Out a Blueprint for Tackling Climate Change

DE to Play Important Part in Strategy

Brussels, Belgium - Renewable energy, combined with efficiencies from the 'smart use' of energy, can deliver half of the world's energy needs by 2050, according to one of the most comprehensive plans for future sustainable energy provision, launched on January 18th. The report produced by the European Renewable Energy Council (EREC) and Greenpeace International, provides a practical blueprint for how to cut global CO₂ emissions by almost 50% within the next 43 years, whilst providing a secure and affordable energy supply and, critically, maintaining steady worldwide economic development. It provides the first comprehensive global energy concept which gives a detailed analysis of how to restructure the global energy system based only on a detailed regional assessment for the potential of proven renewable energy sources, energy efficiency and the utilization of efficient, decentralized cogeneration.

Read the [press release](#).

US Administration Recommends Cuts in Funding for DE of \$46 million in 2008 Budget

Critics Claim Efficiency Best Means to Energy Security

Washington, USA - The Bush administration has proposed a \$2.9 trillion fiscal 2008 budget that provides large hikes in military spending for the war in Iraq and Afghanistan and cuts to domestic spending programs with an eye on eliminating the federal budget

deficit by 2012. The proposal includes \$24.2 billion for the Energy Department -- up \$700 million from last year's plan -- and promises more money for nuclear power, alternative fuels and science programs. However critics worry that cuts in renewable energy and DE funding will damage domestic growth in these potential markets. Senate Energy and Natural Resources Committee Chairman Jeff Bingaman said the budget "appears to reflect the wrong priorities, if we are to build an effective energy future."

For an overview of the proposed budget visit the [website](#).

For detailed information about the DOE's budget request visit the DOE [website](#).

New Zealand Electricity Commission "Wrong to Approve Transmission Upgrade" Those Opposed to New Power Line Cite Onsite Power as Alternative

Auckland, New Zealand - New Zealand Electricity Commission approved this week a major new transmission corridor to take power from the South Island to the nation's largest city. "This decision is a giant step backwards in ensuring Auckland's security of supply" said, a spokesman for the New Era Energy group opposed to Transpower's proposal. "There are cheaper and better alternatives to ensuring the security of electricity supply to Auckland". The key to a long term economic and reliable electricity supply for Auckland lies in the construction of new technology thermal generation facilities in or north of the Auckland region, rather than overbuilding the national grid with outdated pylon technology to bring South Island hydro generated power north over huge distances.

Read the full [article](#).

High Court Judge Orders Rethink of Government's Nuclear Plans, After Legal Challenge

Ruling Could be Boost for DE

London, UK - A High Court judge has ordered a rethink of the government's nuclear power plans, after a legal challenge by environmental campaigners Greenpeace. A judge ruled that the consultation process before the decision last year had been "misleading", "seriously flawed" and "procedurally unfair". Greenpeace said ministers should "go back to the drawing board". But Tony Blair said while the ruling would change the consultation process, "this won't affect the policy at all". The government has stressed that the judge's ruling was on the "process of consultation, not the principle of nuclear power".

To read the full article click [here](#).

Taipower to Spend \$108mil Increasing Solar Energy Capacity

Increased DE Focus for Taiwan

Taipei, China - Taiwan Power, the island's biggest electricity generator, plans to spend NT \$3.57 billion (\$108 million) installing solar panels. The Taiwanese government plans to reduce dependency on energy imports. The project, pending approval by the Ministry of Economic Affairs, will increase the state-run utility's capacity by 10 megawatts, or 71 times, by 2011, Yu Shang-hsiung, Taipower's development director, told Bloomberg. Taipower's solar power capacity is currently 140 kilowatts, according to Yu.

Read the full [article](#).

French President Calls for New UN Environment Body

Environmental Capacity of UN Needs to be Strengthened

Paris, France - French President Jacques Chirac has led calls for a powerful new UN environment agency and for a safe and protected environment to be enshrined as a fundamental human right. Speaking at a conference in Paris a day after a panel of UN

experts issued their bluntest warning yet over global warming, Chirac said the proposal to replace the existing UN Environment Program (UNEP) had the support of 46 countries.

Read the full [article](#).

US Energy Regulator Unveils Updated Rules

FERC Issues Updated Grid Access Rules

Washington, USA - The Federal Energy Regulatory Commission today adopted a final rule reforming its decade-old open-access transmission regulatory framework that will ensure transmission service is provided on a nondiscriminatory and just and reasonable basis, as well as provide for more effective regulation and transparency in the operation of the transmission grid. The final rule requires public utilities to file amendments to their open access tariffs and significantly modify current "Open Access Same-Time Information System" practices.

To read the full article click [here](#).

Calling WADE Members

Help Wanted

International Research Executive

The World Alliance for Decentralized Energy (WADE) is looking for part-time research and program assistance from around the world. We require an independent worker and thinker with excellent analytical and communication skills along with a passion to help change the way the world makes electricity. We offer the freedom to work from your own home or office and the opportunity to help solve some of the most critical problems facing developed as well as developing nations.

Please send your resume and a cover letter indicating any specific research areas related to energy and the environment where you could provide immediate research capability, by email to: info@localpower.org.

How Can We Help You?

In Search of WADE Research Projects and Proposals

WADE has a long history of helping public and private sector institutions around the world understand and realize decentralized energy (DE) benefits and opportunities through its tradition of thorough and comprehensive research. In addition to WADE's regular publications, reports and market studies, WADE has participated in successful projects, conferences and educational campaigns, working with a range of governments, national and international organizations. WADE's contribution to these projects includes:

1. WADE Economic Model – computer modeling of the economic and environmental impacts of DE in a specified area
2. DE Potential Analysis – assessment of the potential for developing DE in a specified area
3. DE Policy Best Practice Review – international overview of policy mechanisms for DE
4. DE Technology Status Review – overview of the performance and market-readiness of DE technologies
5. DE Project Best Practice Case Studies – overview of successful DE case study projects worldwide relevant to a specified area

6. Education and Outreach Programs focusing on DE, environment and economic efficiency

Are you aware of any opportunities where WADE can bring its expertise to bear? Please contact WADE and let us know how we can help your company or organization.

Seeking Tenders

WADE's members are the world's leaders on the entire suite of DE technology applications. If you have a project tender or RFP and are looking for the best applicants, please let us know and we will get the word out to our members.

Send Us Your News

Please send us news about your upcoming meetings, conferences, presentations, job openings, company announcements, etc. WADE wishes to continue and expand its role as an information hub for the DE industry. Let us help you.

International Chapters

WADE has an extensive network around the world. We are constantly striving to expand our network. Please let us know if you are interested in forming a WADE chapter in your country.

Calendar

February 2007

27 February-2 March	20th Annual Campus Energy Conference Houston, USA Info
28 February-2 March	Genera 07 Madrid, Spain Info

March 2007

1 March	European Energy Efficiency Conference Wels, Austria Info
2 March	IEA Cogeneration Program Kickoff Meeting Paris, France Info
6-8 March	Power-Gen Renewable Energy and Fuels Las Vegas, USA Info

20-23 March	10th Annual Asia Power & Energy Congress Asia Singapore, Singapore Info
20-21 March	China Power Congress Beijing, China Info WADE members receive 20% off!
28-30 March	Sugar Investors 2007 New Delhi, India Info

Publications

Energy [r]evolution

Published by: Greenpeace and the European Renewable Energy Council

This report provides a blueprint showing how to apply existing technologies to halve global CO₂ emissions by 2050, whilst allowing for an increase in energy consumption. The report is divided into 10 regional reports, with a global summary. It demonstrates how a 'business as usual' scenario is not an option if we are to attain a secure and stable energy supply.

More [info](#).

Low Energy Buildings and District Energy Systems

Published by: Earthscan

Topics covered include: thermal envelope, heating, cooling, heat pumps, HVAC systems, hot water, lighting, solar energy, appliances and office equipment, embodied energy, buildings as systems and community-integrated energy systems (cogeneration, district heating, and district cooling).

More [info](#).