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COMMUNICATIONS TECHNIQUES / PAPERS

Lundi 13 septembre 2010 / Monday, September 13, 2010

ENJEU / ISSUE	TITRE / TITLE	AUTEUR / AUTHOR	PAYS / COUNTRY
1.1 Répondre aux besoins énergétiques pressants des pays en développement / Facing demand surges in developing countries	Synergies of scale – A vision of Mongolia and China's common energy future	Nathan Borgford-Parnell	États-Unis / United States
	Le droit à l'énergie est une urgence sociale, économique et environnementale	Pierre-Jean Coulon	France
	A race for power – Challenges of meeting the surge in power demand of the BRIC countries	Peter Kiss	Hongrie / Hungary
	New energy efficiency technologies associated with increased natural gas demand in delivery and consumption sectors of Iran	Saeid Mansouri Alghalandis	République islamique d'Iran / Islamic Republic of Iran

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	Les déterminants de la pauvreté énergétique en milieu rural au Cameroun	Maxime Kamdem Kamdem	Cameroun / <i>Cameroon</i>
	Understanding energy poverty – Case study: Tajikistan	Slavica Robic	Croatie / <i>Croatia</i>
	A new systems paradigm for the rural electrification programme, Philippines	Fernando Roxas	Philippines
	Renewable energy resources for distributed generation systems in South Africa	Stefan Szewczuk	Afrique du Sud / <i>South Africa</i>
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	Price freezes, durables and residential electricity demand – Evidence from the Greater Buenos Aires	Ariel Casarin	Argentine / <i>Argentina</i>
	A model for the design and development of smart micro grids	Giordano Torri	Italie / <i>Italy</i>
1.4 Géopolitique, marchés énergétiques et échanges commerciaux / <i>Geopolitics, energy markets and trade</i>	New renewable source of energy from municipal solid waste plastics	Moinuddin Sarker	États-Unis / <i>United States</i>
	Vers la réalisation d'un marché régional de l'électricité en Afrique Centrale: Enjeux et défis	Rhéaume Veilleux	Canada

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	Study on development of Grid code and operation scheme of Jeju Island with high wind penetration	Seung-II Moon	République de Corée / <i>Republic of Korea</i>
	Highly efficient solutions for smart and bulk power transmission of "green energy"	Dietmar Retzmann	Allemagne / <i>Germany</i>
	Into the new electricity age with optimal integration of decentralized energy resources – The FENIX Project	Tevfik Sezi	Allemagne / <i>Germany</i>
	Energy optimization and reduction of carbon footprint in cement manufacturing	Andrew Wilson	Suisse / <i>Switzerland</i>
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	Faire de l'électricité un vecteur complet et efficace pour l'accessibilité de l'énergie – La R&D stratégique à Hydro-Québec	Raouf Naggar	Canada
	Improvement of efficiency of district heating systems in Latvia	Daniels Turlajs	Lettonie / Latvia
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	Unforeseen consequences of dedicated renewable energy transmission: Potential implications for renewable electricity development	Roger Bezdek	États-Unis / United States
	20% wind by 2030: Overcoming the challenge – U.S. wind supply chain bottlenecks	Meghan Shaw	États-Unis / United States
	Novel control of grid connected photovoltaic (PV) solar farm for improving transient stability and stability and transmission limits both during night and day	Rajiv Varma	Canada
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	Expérience, potentiel et marché photovoltaïque algérien	Amar Khelif	Algérie / Algeria
	Japan's long-term energy outlook to 2050: Estimation for the potential of massive CO ₂ mitigation	Ryoichi Komiyama	Japon / Japan
	Towards a renewal of transmission & distribution infrastructures to meet EU 2020 goals	Giuliano Monizza	Italie / Italy
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	Hydrogen-enriched natural gas: Bridge to an ultra-low carbon world	Mike Oliver	Canada

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	Carbon capture and storage as central modules of a strategy toward a sustainable energy supply	Hans-Wilhelm Schiffer	Allemagne / Germany
	Operational experience of a 300-MW lignite-fired utility unit: Environmental performance after retrofitting of a low pressure turbine	Vicharn Tanetsakunvatana	Thaïlande / Thailand
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	An assessment of the life cycle costs and GHG emissions for alternative generation technologies	C. Richard Donnelly	Canada
	Use of renewable energy in the electric power generation sector in Mexico: Political, regulatory, economic and technical issues from 1965 to 2018	Alberto Elizalde-Baltierra	Mexique / Mexico
	Solar energy applications in Nigeria	Lawrence I. N Ezemonye	Nigéria / Nigeria
	Hydroelectricity – An answer to energy needs	Maryse Francois-Xausa	France
	Capacity building in renewable energy technologies in developing countries	Ingvar Fridleifsson	Islande / Iceland
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	Betting on science: Disruptive technologies in transport fuels	Fay Shong	États-Unis / <i>United States</i>
	Optimal portfolio selection between different kinds of renewable energy sources	Mohammad Saleh Zakerinia	République islamique d'Iran / <i>Islamic Republic of Iran</i>
	Deriving dividends from publicly funded solar PV systems: Lessons from three 100kW SPV in India	Anoop Singh	India / <i>Inde</i>
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	Mexican oil industry: Shifting to difficult oil	Gerardo Bazán	Mexique / <i>Mexico</i>
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	Frozen heat: Global outlook on methane gas hydrates	Anne Solgaard	Norvège / <i>Norway</i>
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	Application framework of integrated energy resources planning considering full environmental accounting	Miguel Edgar Morales Udaeta	Brésil / Brazil
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	Development of the Neptune Deepwater Port: The importance of key stakeholder involvement and benefits	Marc Silver	États-Unis / United States
	Mission: Partnerships – A socially responsible approach for new hydro-electric developments	Eduard Wojczynski	Canada
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	Energy supply options for climate change mitigation and sustainable development	Flavio Dobran	États-Unis / United States
	Effectively reducing emissions from ports	Knut Marquart	Suisse / Switzerland
	Immediate challenge of combating climate change: Effective implementation of energy efficiency policies	Zoran Morvaj	Croatie / Croatia
	The development on the Czech Republic electric industry – Reliable, safe and responsible source mix	Miroslav Vrba	République tchèque / Czech Republic
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	Advanced technology development reducing CO ₂ emissions	Dongsup Kim	République de Corée / <i>Republic of Korea</i>
	Post-Kyoto policy implications on the energy system: A TIAM-FR long-term planning exercise	Nadia Maïzi	France
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	Optimization of biodiesel supply chains based on small farmers: A case study in Brazil	Raphael Leao	Brésil / <i>Brazil</i>	
	Bioethanol – Status report on bioethanol production from wood and other lignocellulosic feedstocks	Chris Scott-Kerr	Canada	
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Domestic use of overseas renewable energy – Potential as power generating fuel		Ko Sakata	Japon / <i>Japan</i>	
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	Analysis of the impact of including tariff revision procedures in transmission concessions contracts	Goret Paulo	Brésil / <i>Brazil</i>
	An evolutionary triple helix to strengthen energy regulation: Implications for management	Francesco Rizzi	Italie / <i>Italy</i>
	Estimating the contribution of the private power plant on electricity market in Korea	Yang-Hoon Sonn	République de Corée / <i>Republic of Korea</i>



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