

Energy Transition: A Multifaceted Challenge for Europe

2nd Symposium: Securing gas supply within an integrated European market – A strategy subject to many uncertainties

23rd June 2015, 9:00 to 13:00, Press Club Brussels Europe

Main points from the presentation of Jan Kerner (Senior Market Development Leader – Europe, Russia & CIS, GE Power and Water) in **Session 2: What are the next steps towards an integrated gas market under the Energy Union?**

Gas energy markets and EU / Energy Union role in shaping it in Europe

- GE believes that world is entering “Age of Gas”, when gas will rival coal and oil and enable deployment of renewables.
- This is valid globally but also in Europe and will bring a range of benefits, from lower emissions, to sustainable economic growth, greater energy security and resilience.
- The EU and Energy Union need to play a role in:
 - o strengthening the role of Europe in global energy markets – specifically pursue local sources, conventional and unconventional, support deliveries from broader range of suppliers (incl. LNG) also through adding momentum to TTIP negotiations to enhance transatlantic cooperation and access to US LNG
 - o enhancing integrated market – specifically strengthen hardware to connect consumers and producers and reduce transaction cost while fostering interdependencies, and create a stable environment for business and large projects with long investment horizons

GE is able to make a substantial contribution to the achievement of the main pillars of the Energy Union

- Ensuring security of supply and Single energy market – GE provides technologies for LNG regasification and storage, transport (2 million kilometers of pipelines around the world rely on GE compression and storage solutions) or shale gas development. GE O&G is constantly working on improvements to make technologies even better – more economic, more environmentally friendly – making their application more acceptable for society and citizens.
- Raising energy efficiency and Decarbonization - A key goal of the Energy Union is the development of sustainable sources of energy and energy efficiency. GE invests in innovations of power generation equipment and has track record of delivering technology for new build and upgrades of existing plants that bring more efficient,

cleaner, low carbon power generation solutions that are flexible and complement growing installed base of renewables in Europe.

- Promoting research and innovation - GE has strong commitment to research and innovation and contributes to improvement of energy technologies, be it through advanced manufacturing, Industrial Internet or other R&D domains.

Strong partnerships that bring together complementary strengths and link GE global capacity to local know-how are essential

- GE builds successful partnerships with European companies to accelerate the development of more environmentally and economically sustainable energy solutions.
- Partnerships can eliminate the false choice between environmental protection and economic prosperity – and bring these two objectives together.
- GE has launched many R&D partnership projects targeted at developing/accelerating environmentally and economically sustainable solutions. Examples include: reduction of flaring and CO₂ emissions with a leading O&G company, hybrid power generation solution combining gas CHP, with renewables and storage, or crowdsourcing approach to dealing with the challenges of reduction of water and sand use at fracking sites.

Creating an effective Energy Union is a massive undertaking and will take strong commitment to regulatory and industry best practices supported by coordination and cooperation.

GE is committed to doing its part and looks forward to working with European countries and the Energy Union as they progress.