

Draft Agenda European Workshop Location: DTU, Copenhagen,

Date: 27th/28th May 2014

Background & Purpose

In February 2014, The US Department of Energy, National Renewable Energy Laboratory (NREL) and Pacific Northwest National Laboratory (PNNL) hosted an inaugural Energy Systems Integration (ESI) workshop in Washington DC, a brief report and outputs from this workshop will soon be available. There were over 40 attendees from US, Europe and Asia from industry and academia (DTU, IBM, Tsinghua, PJM, NE ISO, Alstom, GE, MIT, UCD, KU Leuven, ENEL, etc.). There was a general consensus that coordination, collaboration and bringing together likeminded professionals in the international community in the area of ESI was worthwhile and beneficial. Therefore we have established an informal cooperation, International Institute of Energy Systems Integration (iiESI) that will serve as a platform to facilitate information exchange, set research priorities and serve as liaison between industry, policymakers and researchers. Building on the success of the inaugural workshop, a consecutive workshop is being organised in Copenhagen on 27th and 28th of May 2014.

Opening Plenary		
(A high-level plenary session, open to all participants)		
Tuesday 27 th	Welcome, Agenda Review, Expectations	
PM	Regulation, Policy and Market Design Speakers include: Ignacio Perez-Arriaga (Universidad Pontificia Comillas, Madrid) David Elzinga (International Energy Association)	
Detailed Sessions		
(Building on the outputs of the inaugural workshop participants will be invited to engage in a more detailed dialogue on the key issues in one of the following two concurrent sessions)		
Wednesday 28th	Gas/Electricity Interdependence	
АМ	Speakers include: Christian Hewicker (DNV GL-formerly KEMA) Anthony Mazzenga (GrDF) ENEL representative	
	Decentralisation and Demand Side Management Speakers include: DONG Representative Laurent Schmidt (Alstom)	

Closing Plenary		
(Participants will reconvene in another high level plenary session highlighting the Water/Energy nexus. This will be run in association with the International Water Association, Climate and Energy Programme.)		
Wednesday 28th	The Energy Water Nexus	
	Speakers include: Gustaf Olsson (Lund University)	
PM	Representative from EDP	
1 141	Closing Thoughts	

This workshop follows on from a meeting on the Danish CITIES Research project (Centre for IT-Intelligent Energy Systems in Cities) which will also be held in DTU on May 26th and the morning of 27th May 2014. In addition on the morning of May 27th there will be a specialist gas electricity modelling task force meeting which will consist of active researchers i.e. PhD students and Post-Doctoral Fellows convening to establish an inventory of state-of-the-art models and evaluate the needs, challenges and possibilities to model interactions between gas and electricity systems. You are welcome to attend both of these meetings also.

Organising Committee:

Professor Mark O'Malley, University College Dublin Professor Henrik Madsen, Danish Technical University Dr. Suresh Baskaran, Pacific Northwest National Laboratory Professor Peter Steen Mikkelsen, Danish Technical University Dr. Benjamin Kroposki, National Renewable Energy Laboratory Professor William D' haeseleer, KU Leuven Ms. Karen Forsten, Electric Power Research Institute

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