



Flexible Industrial Electricity Demand

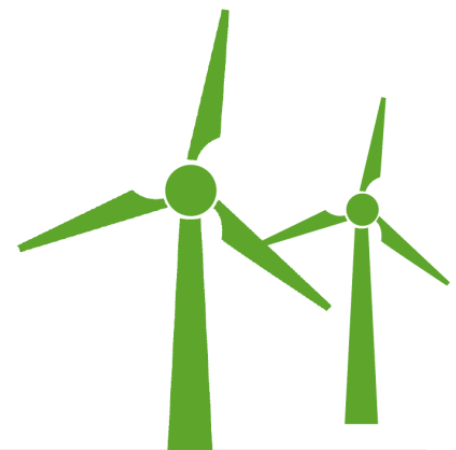
Lowering the cost of energy for the Industry, while developing a cleaner and more secure power system

30 June 2017, London

Gabor Seminar Room 611, Electrical and Electronic Engineering Building, Imperial College London, South Kensington Campus, London SW7 2AZ

Variable renewable energy has some drawbacks for its integration in power systems and markets that impose extra requirements and costs. The flexibility of the industrial electricity demand has been identified as a potential that - through innovative business models - can facilitate the integration of variable renewable energy, while reducing electricity costs for the industry.

The IndustRE project has proposed business models and tools for implementing them, which deliver on their promise for win-win combinations. Adaptations of the market framework are proposed with a quantification of the benefits that can be expected from their implementation. At the workshop in London these results will be presented and discussed with local stakeholders.



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IndustRE

Friday 30th of June 2017

09:00	Arrival, registration and refreshments	
09:30	Welcome and introduction to the workshop <i>The IndustRE approach on making use of Flexible Industrial Demand</i>	Goran Strbac Imperial College London
09:45	Power Responsive <i>Current status of Demand Response markets in the UK</i>	Thomas Maidonis National Grid
10:00	Business Models and Policy Recommendations <i>Innovative Business Models where flexibility is used to reduce the Energy Bill of Energy Intensive Industries – Policy improvements in the UK for allowing to realise the full potential of the business models</i>	Lorenzo Simons Institute for Research in Technology Universidad Pontificia Comillas
10:30	Discussion on the policy recommendations for the UK	Moderated by Goran Strbac
11:00	Coffee break	
11:30	Valorisation of Flexible Industrial Demand <i>Methodology for optimal valorisation of industrial flexible electricity consumption and its application on real case studies</i>	Ana Virag VITO/EnergyVille
12:00	Quantification of the benefits <i>The value of industrial demand response for the power system</i>	Dimitrios Papadaskalopoulos Imperial College
12:30	Panel discussion with all presenters	Moderated by Goran Strbac
13:00	Networking lunch	

Registration:

Attendance is free of charge but registration is compulsory. Please use the form.:

<https://goo.gl/forms/x4tuQoHw11x76sAq1>

Contact persons:

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How to find the venue

Gabor Seminar Room 611, Electrical and Electronic Engineering Building, Imperial College London, South Kensington Campus, London SW7 2AZ (building no 16 on [http://www.imperial.ac.uk/media/imperial-college/visit/public/Map-of-South-Kensington-Campus-\[pdf\].pdf](http://www.imperial.ac.uk/media/imperial-college/visit/public/Map-of-South-Kensington-Campus-[pdf].pdf))