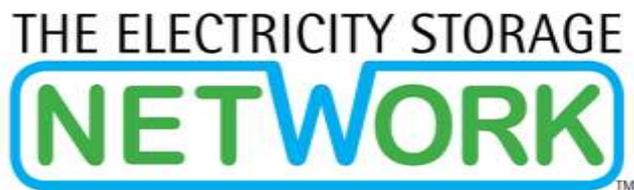


Innovation and Life-Cycle Programme

12:00 – 17:00 pm Tuesday 4th July 2017

TLT Solicitors, 20 Gresham St, London, EC2V 7JE

11:30 – 12:00	Registration and refreshments
12:00	SESSION 1 - Chairman's welcome and introduction
	New government, new membership year Chairman - Anthony Price, ESN ESN Developments: staff, member services, and member involvement Our new ministers and what we can expect from them ESN policy priorities and plans for 2017/18
13:00	SESSION 2 – What new solutions and innovations are needed on the electricity networks? Chairman
	What innovation is needed from the perspective of electricity storage providers? Large-scale – tbc Small scale - Simon Daniel, Moixa
	A strategy for innovation: facilitated discussion What is the critical path? How can it be supported?
	Current innovation funding BEIS: cost reduction; feasibility studies – Sally Fenton, BEIS Ofgem (speaker tbc); Network Innovation Competition (NIC)
14:15	SESSION 3 – Open discussion Chairman
14:45	REFRESHMENTS
15:15	SESSION 4 – Life cycle costs Chairman
	Raw materials & recycling Where are materials sourced, what is their availability? What can be recycled and what are the processes for this? Peter Stephenson – Yuasa
	What laws and regulations are in place, what is required?
	Why is the fit and forget option wrong? Stephen Jones – S&C
	Are there other wider technology issues?
16:30	SESSION 5 – Open discussion Chairman
17:00	Close



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Background:

Energy storage is an important tool on the electricity system. Over 500MW of battery storage have been contracted for services in the GB market, and the business case for other forms of electricity storage is becoming improving as technology costs drop and market barriers are removed.

This is the start of the development of a major industry. A large part of an industry group's role is to ensure such development happens in an efficient and environmentally sustainable way.

A significant amount of innovation funding is available, from Government, and through the network companies, as an innovation allowance. The network companies have to develop their strategy for network innovation by the end of 2017. We need to ask: "what is the critical path of innovation that the electricity storage sector needs to follow, and is the support available adequate for this?"

As more storage is deployed, we need to consider the life-cycle credentials of the technologies. We need to ask "How are the materials sourced? How are they used? Can they be recycled? How are they disposed of? What are the prospects for the future with increasing amounts of deployment and ultimate retirement of assets? Fundamentally, is the industry sustainable from the perspective of environment and raw resource, and what further good practice, standards and regulations, are needed?"

This meeting for members and non-members of the ESN will examine these two important industry topics and develop the ESN's policies and actions.

The organisers reserve the right to modify this programme.

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