

LV Network Solutions Project – Dissemination Event

The University of Manchester & Electricity North West

Agenda, 3rd October 2014

Venue: The University of Manchester, Sackville Street Building, Room B4 “Council Chamber”
(map: goo.gl/maps/PxL9p)

This event will present the methodologies and findings from the academic studies carried out by The University of Manchester for the recently completed project "LV Network Solutions" run by Electricity North West Limited and funded via Ofgem's Low Carbon Networks Fund (LCNF) Tier 1.

For more info about the "LV Network Solutions" Project visit: <http://www.enwl.co.uk/lvns>

The event also briefly covers the "Voltage Management on LV Busbars" Tier 1 project.

- 10:00 Arrival and Coffee
- 10:15 Welcome (Nando Ochoa)
- 10:20 Electricity North West's Innovation Strategy (Dan Randles)
- 10:35 Overview of the LV Network Solutions Project. Non-academic aspects (Rita Shaw)
- 10:45 Overview of the Voltage Management on LV Busbars Project (Geraldine Bryson)
- 10:55 Impact Assessment of Low Carbon Technologies (LCT) on LV Networks (Alejandro Navarro)
- Creation of profiles and network modelling
 - Impact assessment
 - Multi-feeder analysis
 - Conclusions and Q&A
- 12:10 Lunch break
- 13:00 Potential Solutions to Mitigate the Impacts of LCT (Alejandro Navarro)
- Loop connection, OLTC-fitted transformers, Energy storage
 - Economic comparison
 - Conclusions and Q&A
- 13:50 Monitoring Recommendations (Nando Ochoa)
- 14:10 Clustering of LV Feeders (Nando Ochoa)
- 14:30 LV Voltage Busbar Management Project (Linwei Chen)
- 15:00 Open Discussion / Q&A
- Counterviews from findings
 - Gaps in the study
- 15:40 Closing Remarks (Dan Randles)
- 15:50 Adjourn

LV Network Solutions Project – Dissemination Event

The University of Manchester & Electricity North West

List of Attendees

#	Name	Affiliation
1	Rita Shaw	Electricity North West Limited
2	Dan Randles	Electricity North West Limited
3	Geraldine Bryson	Electricity North West Limited
4	Gavin Anderson	Electricity North West Limited
5	Dan Harber	Electricity North West Limited
6	Peter Twomey	Electricity North West Limited
7	John Simpson	Electricity North West Limited
8	Hooman Andami	The University of Manchester (DS2030 Project)
9	Ana Duran	EA Technology
10	Ellin Saunders	EA Technology
11	Murray Thomson	Loughborough University
12	Andrew Urquhart	Loughborough University
13	Gideon Evans	Scottish and Southern Energy
14	Tianxiang Jiang	Newcastle University
15	Linwei Chen	The University of Manchester
16	Alejandro Navarro	The University of Manchester
17	Luis(Nando) Ochoa	The University of Manchester