

**ENGINEERING BOARD  
STREET LIGHTING GROUP**



**21st September 2023**

**NOTES OF MEETING**

In attendance:

Keith Tovee	<b>(KT)</b>	East of England	Chair
Trevor Scott	<b>(TS)</b>	Northern Ireland	
Sue Kinsella	<b>(SK)</b>	South East	Vice Chair/Minutes
Ken Pitt	<b>(KP)</b>	South West	
Rob Baines	<b>(RB)</b>	Midlands	
Jonathan Hurley	<b>(JH)</b>	Wales	
Ron Parker	<b>(RP)</b>	North West	
Michael Levack	<b>(ML)</b>	CEO of HEA	
Karl Rourke	<b>(KR)</b>	East Riding Council	Guest Presenter

<b>Item</b>		<b>Action</b>
<b>1</b>	<p><b><u>Apologies</u></b></p> <p>Ian Moore <b>(IM)</b> Yorkshire            Gareth Pritchard <b>(GP)</b> HEA            Felicity Lockett <b>(FL)</b> TFL            Dean Wendelborn <b>(DW)</b> London            Simon Langley <b>(SL)</b> National Highways            Gary Wilson <b>(GW)</b> Scotland            Darren Hubbard <b>(DH)</b> North East            Guy Harding <b>(GH)</b> ILP, Secretariat</p>	
<b>2</b>	<p><b><u>Notes and any outstanding actions from previous meeting</u></b></p> <p>Minutes of last meeting not available to review.</p>	
<b>3</b>	<p><b><u>Health and Safety Issues plus Safety Alerts Distribution</u></b></p> <p><b>SK</b> – Armadillo have been investigating a significant failure with their ‘wobbegong’ luminaire but are unwilling to issue a safety alert. Bouygues/KCC may issue anyway.  <b>ML</b> advised that we need to ensure that the manufacturer is advised before an alert is issued and be careful that it is a failure issue and not a manufacturing issue.            Bouygues reported a syringe in a street lighting asset last month. Everyone should be vigilant.</p> <p><b>RB</b> – asked if there was an update on the incident where an ICP jointer was seriously injured. As no update had been received by the group it was assumed the incident was still under investigation. <b>ML</b> to pick this up.</p> <p><b>ML</b> – each year the HSE has a campaign and this year it is around moving materials across sites. More details can be found via the link below.  <a href="#">Latest construction campaign to prevent ill health from moving and handling materials   HSE Media Centre</a></p>	<b>ML</b>

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	<ul style="list-style-type: none"> <li>- REACH EU Regulations - there are new regulations on the use of diisocyanates in cable joint kits. (pmn - a HEA guidance note was shared after the meeting).</li> <li>- HSE looking for people to participate in a survey regarding advanced materials.</li> </ul>	
<p><b>4</b></p>	<p><b><u>Live Labs 2 East Riding of Yorkshire Council</u></b> Karl Rourke was welcomed to the meeting and all attendees introduced themselves. <b>KB</b> updated the group on progress with the Livelabs2 project “High visual Efficiency for low carbon Lighting – De-carbonising Street Lighting” The latest update can be found via the link below:  <a href="#">Live Labs 2 blog - East Riding of Yorkshire Council’s Decarbonising Street Lighting project   ADEPT (adeptnet.org.uk)</a></p>	
<p><b>5</b></p>	<p><b><u>Energy Update plus Supply Chain (materials and services) issues</u></b> General discussion around energy rates identified that they appear to have stabilised for the time being (30p/kWh to 40p/kWh). Carbon Emission Factor has increased which mean carbon produced appears higher.  Discussion around supply chain highlighted that across all regions there is a shortage of experienced staff at all levels and in both the supply chain and LAs. Succession planning is needed but is difficult to achieve due to HR recruitment constraints. <b>JH</b> – a retired structures manager had to be brought in to deal with an issue with a building collapse at a school as no-one was qualified to carry out the assessment. <b>JH</b> – the ILP are promoting younger people joining the industry. <b>ML</b> – the HEA is progressing the work of the Next Generation Group and promoting new entrants into the industry. This is a long-term project. Colleges have been invited to the exhibition at the next HEA conference 26/10/23. A regional event is planned to coincide with the national apprenticeship week in February. The HEA is working closely with the ILP.</p>	
<p><b>6</b></p>	<p><b><u>Regional Updates</u></b>  <b>N Ireland (TS)</b> Allocated budget received. 10–12-week delivery on lanterns. 65% of lanterns replaced with LEDs and the project is on target for completion.</p>	

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**Midlands (RB)**

Last meeting was held 11/07/23. Northamptonshire reported 20 columns with reverse polarity. No injuries sustained but no safety alert has been issued either. OG2 lighting gave a presentation on solar products.

Derbyshire has made a commitment to put EV charging in lighting columns. **RB** asked if there is any HEA training for operatives on EV charging in lighting columns. **ML** confirmed that this is being looked at. There is consideration to us manufacturers expertise to run courses.

**KT** advised that requests are being received from homeowners about the earthing of columns outside their properties. This has happened in other regions too.

**ML** advised that other companies have launched new solar products.

**RB** advised that he has used solar in a remote location and has received no complaints. **KP** asked if this has the new 'titan' battery technology with a 20-year life expectancy. **KT** has installed some of these without issue and they are being monitored.

**Wales (JH)**

Last meeting held in June. Issues with DNO regarding ownership identification of supply cables is ongoing. Meetings being held with National Grid about cable ownership.

The group agreed to carry out annual checks of Lloyds registration regarding working on live cables to ensure contractors are competent.

Transport for Wales gave a presentation to discuss EV charging.

LED conversion nearly all complete in Wale authorities. Some Salix funding still available for those that still need funding support.

**KT** asked what other do when lanterns cannot be converted as the column needs replacing. General consensus was the column is replaced where access or engineering difficulties mean the lantern cannot be converted.

**North West (RP)**

All LEDs have been converted. Columns are being changed due to structural failure. Being pushed to install EV charging on columns along with a number of other devices (e.g., monitoring equipment).

**South West (KP)**

**KP** was unable to attend the last meeting and no minutes are available.

LED conversion is nearly complete. Dark Skies – interpretation being misunderstood, particularly in the Cotswold area.

Being pushed to introduce carbon initiatives but some are cost prohibitive e.g. green steel.

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Parish councils are trying to use the LAs carbon reductions in their own carbon reduction calculations. **KT** advised that Parish Councils have been challenging ownership of assets and trying to push assets on to Essex.

**South East (SK)**

Last meeting was 11<sup>th</sup> July. Main issue is attendance at the regional meeting. Another representative (Medway) has retired, Southampton has a new role and replacements for these have not been forthcoming.

Kent - a contraflow put in place for tunnel lighting project - many instances of bad driving within the contraflow. One vehicle drove into the barriers and despite having CCTV footage, the Police will not prosecute.

Southampton have encountered legal issues with their LED conversion due to the contract being PFI.

Surrey has had contractor performance issues. LED conversion due to finish this year and they are putting together an adaptive light policy.

Portsmouth problems with DNO repairing faults.

UKPN covers half of the SE group area and performance has declined due to changes in structure.

**London (DW – update given by KT)**

Attendance at meeting is an issue.

EV charging issues are still across London.

Revenue reductions are needed by Councils.

Innovation funds available.

**East of England (KT)**

Essex Dimming strategies being reviewed to make more energy savings.

Implementing a trial of solar sign light with ‘Titan’ battery.

Over use of shields when not required. These should only be used appropriately.

Cambridge and Norfolk are looking to roll out LED conversion but there have been restrictions due to PFI contract.

CMS reports are now being received where the 5% threshold is exceeded. This has an impact on the energy account as the energy consumption reverts to inventory and dimming is not considered.

Suffolk trying new CMS nodes with sim chip for better connectivity.

Herts trialling wind powered lighting.

Attendance at meetings still an issue.

UKPN have varied performance across the region.

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7	<p><b><u>Membership and Representation</u></b></p> <p><a href="https://www.adeptnet.org.uk/membership">https://www.adeptnet.org.uk/membership</a></p> <p>Attendees were asked to review the ADEPT membership website as new members have been added. <b>KT</b> to send updated list of members.</p>	KT
8	<p><b><u>ADEPT Corporate Update / Information</u></b></p> <p>5<sup>th</sup> National Traffic Management Conference is 5<sup>th</sup> October. Lunch and learn meetings are held regularly – details are on the ADEPT website.</p>	
9	<p><b><u>National Meetings Feedback</u></b></p> <p><b>UMSUG (SK and KT)</b> HH and NHH metering discussed. Discussion about when the LA should take over responsibility for paying for energy under S38 Agreements. There is an inconsistency across LAs.</p> <p><b>HEA (ML)</b> Pushing on with the Next Generation programme. Annual conference and awards is 26/10/23. ML has been unable to attend LoLEG. ULEZ – serious assaults on members of staff. All staff wear body cameras. Guidance on EV Charging is being looked at. Installers approaching the HEA to join the HERS. PFI hand back is going to be an issue. There are concerns that there is not enough support from central government being provided to help with this.</p> <p><b>LCTF (ML)</b> Trying to engage with National Highways regarding a potential change in specification which may have unintended consequences across manufacturers. Discussion around the increasing demand for attachments on columns.</p> <p><b>BSI Representation (RB)</b> Nothing to report.</p> <p><b>ILP (ML)</b> Daventry event re: energy crisis – 01/02/2024 ILP lighting summit 18<sup>th</sup> and 19<sup>th</sup> June, 2024 – Centenary year.</p>	

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10	<p><b><u>ADEPT Engineering Board</u></b>  <a href="https://www.adeptnet.org.uk/groups/engineering">https://www.adeptnet.org.uk/groups/engineering</a></p>	
11	<p><b><u>UK Lighting and Technology Board</u></b>  <a href="http://www.ukroadsliaisongroup.org/en/UKRLG-and-boards/uk-lighting-technology-board/uk-lighting-board-minutes.cfm">http://www.ukroadsliaisongroup.org/en/UKRLG-and-boards/uk-lighting-technology-board/uk-lighting-board-minutes.cfm</a></p>	
12	<p><b><u>Unmetered Supplies User Group (UMSUG)</u></b>  <a href="https://www.elexon.co.uk/group/unmetered-supplies-user-group-umsug">https://www.elexon.co.uk/group/unmetered-supplies-user-group-umsug</a></p>	
13	<p><b><u>AOB</u></b>  <b>SK</b> – has joined the London Women in Engineering Group.  <b>SK</b> – Hertfordshire has asked if there is standard guidance on attachments to columns as each LA has different policy/process. <b>SK</b> asked if the industry would benefit from a standard process and could ADEPT or the HEA or ILP write and promote a minimum standard for all LAs to follow? <b>ML</b> advised that David Lodge gave a presentation on this subject at the ILP Summit. <b>ML</b> to share the link to the presentation.  <b>SK</b> to collate policies for those in attendance.  <b>ML</b> to speak to HEA and ILP to see if either can assist with writing a guidance document.</p> <p><b>RB</b> – asked if other authorities are having revenue financial problems. The consensus was that many LAs are facing financial issues and are restricting non-essential spend such as travel to meetings, non-mandatory learning etc.</p>	<p align="center"><b>ML</b> <b>SK</b> <b>ML</b></p>
13	<p><b><u>Next proposed Lighting Group Meeting</u></b>            Friday 5<sup>th</sup> January 2024 via TEAMS</p>	
14	<p><b><u>Other meeting dates:</u></b>            UMSUG – 13<sup>th</sup> December</p>	