

**Enquiries to:**

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Mr Geoffrey Randall  
The Office of Gas and Electricity Markets  
9 Millbank  
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18 June 2017

Dear Mr Randall

**Consultation on RIIO-ED1 Innovation Roll-out Mechanism Submissions**

This letter is written in support of UK Power Networks' (UKPN) application to the Innovation Roll-Out Mechanism for its Low Voltage Network Visibility and Control System, with a focus on question 5 of the consultation:

*What are your views on the merits of any of the proposed technology roll-outs?*

- *To what extent are the proposed roll-outs relevant to current and future challenges in relation to the distribution network?*
- *What improvements, if any, do you consider that the proposed technology roll-outs offer compared to the current situation?*

Cambridge City Council is supportive of this project as it will help to facilitate the uptake of low carbon technologies and electric vehicles amongst our residents as well as implementation of the Council's own [Carbon Management Plan](#). In 2016 the Council adopted a new [Climate Change Strategy](#) for Cambridge, which includes an ambition for Cambridge to be zero carbon by 2050. Achievement of this target will require action across the city, and we have already seen significant interest amongst residents for the implementation of renewable technology such as photovoltaic panels. The Council is also looking to implement more renewable and low carbon technologies on its own estate and has converted some of our fleet to electric vehicles. We have recently received funding from OLEV to transition the city's taxi fleet to electric vehicles with the roll out of charging infrastructure across the city, with the aim for the entire fleet to be petrol electric hybrid or fully electric EV within 10 years. Further electric vehicle charging infrastructure is also set to be implemented by the Greater Cambridge Partnership as part of the area's City Deal. The recent opening of a Tesla showroom in the city centre is another key indicator of the surge in demand for electric vehicles in Cambridge.

It is vital that grid infrastructure is able to respond to these demands, helping to facilitate Cambridge's transition to a low carbon city. Our own experience and that of partners delivering the city's growth agenda, shows that the grid serving Cambridge

is highly constrained particularly for new low carbon and renewable energy generation. As such we are supportive of UKPN's proposals to facilitate additional capacity in a proactive and cost effective way for our residents and businesses. We are strongly of the belief that greater visibility of the low voltage network and more active demand management such as that proposed by UKPN is a key element in helping to solve the grid constraints facing the area, helping to free up capacity for low carbon technology and electric vehicle charging and reducing grid reinforcement costs. We hope that you view UKPN's submission favourably.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Lewis Herbert', is placed on a light grey rectangular background.

Councillor Lewis Herbert  
Leader, Cambridge City Council