

Electricity Network Innovation Competition Full Submission
Supplementary Answer Form

Project: **Optimise Prime**

Tick if this answer has been provided verbally: ☒

Project code	UKPNEN03	Question Number	32
Question date	02/10/18	Answer date	08/10/18
Submission section question relates to			
Topic			
Question	Will the output from Method 1 and 2 be a tool or physical demonstrator that other parties can use to optimise customers' fleet charging arrangements? To what extent will other consultants have opportunities to apply learning without interaction with Hitachi.		
Notes on question			
Answer	<p>For Method 1, the key outputs will be as followed:</p> <ul style="list-style-type: none"> • Data from home based commercial EVs; • Learning on demand side response activities. The learning will be targeted to GB DNOs, fleet operators (of all sizes), policy makers and aggregators; and • Methodology/approach for separation of commercial EV loads from domestic and introduction of commercial tariff for charging commercial vehicles at residential level. <p>All Method 1 outputs will be made publicly available without the requirement for interaction with Hitachi.</p> <p>For Method 2, the key outputs will be as followed:</p> <ul style="list-style-type: none"> • Data from depot based commercial EVs; • Learning on demand side response activities. The learning will be targeted to GB DNOs, fleet operators (of all sizes), policy makers and aggregators; • Learning on profiled connection offerings; • Depot tools, namely a Site Planning Tool and a Depot Optimisation System. The tools, if successfully developed and proven, will be made commercially available. The methodologies and reference designs employed within the project to develop those tools will be shared with other parties to allow them to produce their own versions of the tools and encourage competition in this area; and 		

	<ul style="list-style-type: none"> • A DNO owned profiled connections assessment tool, which in UK Power Networks' case is an enhanced version of their network power flow analysis tools. UK Power Networks will share the methodologies employed for the enhancement of those tools with the other GB DNOs. <p>All Method 2 learnings will be made publicly available without the requirement for interaction with Hitachi. The dissemination of the depot tools has been covered in the relevant bullet points above.</p>
Attachments	