

*Electricity Network Innovation Competition Full Submission*  
**Supplementary Answer Form**

**Project: Charge: Refuelling Tomorrow's Electrified Transport**

Tick if this answer has been provided verbally: ☐

Project code	SPMV1	Question Number	42		
Question date	30/08/18	Answer date	03/09/18		
Submission section question relates to		N/A			
Topic	Partners/external funding				
Question	For Method 2, what behaviours will be studied and and how will tests be structured to study changes in behaviour?				
Notes on question					
Answer	<p>The focus of behaviour/activity is on the length and frequency of charging, and whether this can be managed considering local network restrictions/constraints. For example – for off-street parking in residential areas, what size of charger is needed to enable all cars to be fully charged while enabling the network to operate within limits (through timed or staggered charging across different streets connected to the substation).</p> <p>For destination charging, there will be studies of length of stay, required charge, and customer expectations – would they expect to be able to fully charge their vehicle during their stay, or would they be satisfied with a top up? What is the charge level when they arrive on site? How far have they travelled. These types of questions are where the Transport modelling in Method 1 fit in, and can provide guidance in to the design and assessment of different trials.</p>				
Attachments	n/a				