

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	14
Question date	21/08/18	Answer date	23/08/18
Submission section question relates to		N/A	
Topic	n/a		
Question	P42 8.2 "The trials may vary charging rates on public charging infrastructure." Please explain this further.		
Notes on question			
Answer	<p>In this context, charging 'rates' refer to the rate of charge rather than the cost of charging i.e. the ability to charge a vehicle within 3 hrs vs 6 hrs depending on length of stay. This is why we feel customers should be notified that at certain times, the full capacity of the charger may be unavailable and may impact on the customer ability to fully charge an EV during their stay.</p> <p>As outlined in Method 2 charge will look to develop innovative ways to connect charger infrastructure which may not have otherwise been able to connect to the network through conventional solutions. This may include enabling multiple chargers to connect to a constrained network, however with the ability to modify charge rates from the charger maximum rating dependant on wider network availability, for example during N-1 scenarios or during peak load times.</p>		
Attachments	n/a		