

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	15
Question date	21/08/18	Answer date	23/08/18
Submission section question relates to		N/A	
Topic	a) Low carbon/environment and net financial benefits		
Question	For the table on p.18/19, how was the released capacity for Method 2 calculated?		
Notes on question			
Answer	<ul style="list-style-type: none">• All the Method 2 benefits were based on runs of the Transform Model using the GB dataset• The capacity release figures were based on the capacity made available per circuit from the solution (15kW 2020-2030; 30kW 2030-2040; 45kW 2040-2050 per feeder respectively), multiplied through by the number of specific LV circuits (flats/apartments and terraced streets), where interventions would be required, as calculated from Transform• The figures transferred in the table of p18 (Section 3.5) are the peak of demand shifting in the decade period. We have taken this approach as there are edge cases where the solutions are used for several years at volume, before a drop-off as the load growth exceeds the capability of the solution, triggering reinforcement. We recognise that there is value to customers in this deferral.		
Attachments	n/a		