

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	11
Question date	21/08/18	Answer date	23/08/18
Submission section question relates to		N/A	
Topic	n/a		
Question	P9 Please explain the functionality and purpose envisaged for "the feasibility of connecting energy storage systems"		
Notes on question			
Answer	<p>We wish to understand the sizing and potential for energy storage in MV and LV networks. The control of energy storage is understood - in this project we want to understand its use as a solution to be used in conjunction with EV charging facilities where it could offset peak demand impact of multiple fast / rapid charging bays. The study will investigate the potential for storage systems to be used as an option to facilitate charger rollout and the cost effectiveness of this solution, factoring in future cost estimates for storage technologies.</p> <p>Another area we wish to explore is the physical restrictions associated with deploying energy storage in LV network areas e.g. can you physically install a storage unit on the pavement, or is the pavement too narrow (There are regulations around the minimum width to allow access to wheelchairs, pushchairs etc). We will measure this restriction on the case study areas under review and provide a measure of how often it is an issue as a percentage.</p>		
Attachments	n/a		

