

Network Innovation Competition Full Submission

Supplementary Answer Form

Tick if this answer is Confidential: ☐

Tick if this answer has been provided verbally: ☐

Project code:	SSEEN01	Question Number	33
Question date	10 September 2013	Answer date	12 September 2013
Submission section question relates to			
Topic			
Question	Given the length of the project, please explain how it will inform the TOs' RIIO-T2 business plans.		
Notes on question			
Answer	<p>The timing of the MTTE is designed so that it will be completed within RIIO-T1 (i.e. by March 2021).</p> <p>As the TOs develop their RIIO-T2 business plans, the learnings from the MTTE will be available to:</p> <ul style="list-style-type: none"> • Provide insight into the feasibility of complex HVDC multi-terminal schemes and grids; • Provide a better understanding of the impact of planned HVDC links on the AC network, and their control interactions; • Understand the opportunities and risk for multi-vendor schemes; • Undertake post-commissioning scenario planning and operational optimisation; • Understand the potential for new HVDC technologies on the GB Network. • The MTTE will also provide valuable learning which will help inform ongoing O+M for HVDC systems; • Provide training for operational and technical staff; and • The MTTE will allow TOs to develop scenarios to allow them to optimise the performance of the HVDC systems. This could lead to reduced losses and increased efficiency for both the DC and AC networks <p>The use of the MTTE will accelerate the learning amongst the TOs in the use of HVDC systems and their impact on the network. This knowledge will help to inform the development of the TOs' RIIO-T2 business plans.</p>		

Attachments	N/A
Verbal Clarifications (Consultants)	N/A