

Electricity Network Innovation Competition Full Submission
Supplementary Answer Form

Project: REVISE

Tick if this answer has been provided verbally: ☐

Project code	WPD/EN/NIC/05	Question Number	16
Question date	21 August 2018	Answer date	23 August 2018
Submission section question relates to	N/A		
Topic			
Question	Please explain how the base case cost and the INR cases are comparable. It seems an overly simple solution that one reinforced section releases its full capacity (30MW); will there not be other bottlenecks that mean this is overly optimistic?		
Notes on question	None		
Answer	<p>The base case cost for INR has been based on the simplistic assumption that the full circuit rating will provide almost 30MW of network capacity. We have taken this approach to provide a more conservative benefits case for INR. In reality the reinforcement to provide 30MW of network capacity may require increased expenditure depending on the complexity of the network (the installation of additional circuits or equipment) therefore increasing the base case cost.</p> <p>It is possible that there could be other bottlenecks, but these are likely to be upstream to the 33kV network and in our analysis we have made the assumption that these would be consistent across the base case and INR Method.</p>		
Attachments	None		