

Gas Network Innovation Competition Full Submission
Supplementary Answer Form

Project: Real-Time Networks

Tick if this answer has been provided verbally: ☐

Project code	SGN_GN_03	Question Number	16
Question date	10 Sep 2015	Answer date	14 Sep 2015
Submission section question relates to	N/A		
Topic	Smart Meters		
Question	Is there a risk that any demand modelling could become quickly redundant or outdated once smart meter is available?		
Notes on question	NIC criterion b) Value for money		
Answer	<p>No.</p> <p>The demand model could benefit from more up-to-date data that represents the most recent consumer behaviours, however smart metering is unlikely to change consumer behaviours, in terms of gas usage, significantly [1]. A step change in demand is more likely to be due to the uptake of downstream renewables and further integration or cogeneration of gas and electricity networks.</p> <p>If and when these are integrated with smart metering data, at the relevant level of granularity, this could provide a step change in the data used for the management of our networks. The timeline for this is unclear but likely beyond the asset life of the smart meters being installed.</p> <p>A benefit of using consumer meter logging is that the project can ensure that a representative sample of properties is selected. There is no guarantee that this sample is available from smart metering at this point in time.</p> <p>[1] J. Dehaeseleer, "Gas Industry views regarding Smart Gas Grid," EGATEC, Copenhagen, 2011.</p>		
Attachments			

