

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	10
Question date	27/08/2015	Answer date	02/09/2015
Submission section question relates to			
Topic			
Question	Could SGN explain what an NP40 is?		
Notes on question			
Answer	<p>SGN/PM/NP/40 is an SGN management procedure for 'Tracking Temporary Increases in Operating Pressure on Below 7 Bar Networks'.</p> <p>During district operations or for the short term resolution of operating constraints, it may be necessary to temporarily adjust the pressure setting of Pressure Regulating Installations (PRI) to ensure security of supply while facilitating planned or emergency works.</p> <p>This can result in increased leakage from the system leading to increased shrinkage costs, a potential increase in repair costs and increased levels of environmental pollution. As such, it is important that any situation where temporary elevated settings are put in place, is monitored with a view to returning the setting to its conventional level as soon as is possible. This Management Procedure seeks to minimise the period of time that any network operates at unnecessarily high pressure settings.</p> <p>In theory, an understanding of real-time demand conditions should allow greater flexibility in network operation, however, determining a scalable, tangible benefit against this type of activity is very difficult. While we attempted this as part of our bid preparation, we felt that the analysis was</p>		

	<p>not sufficiently robust to include. We therefore removed this benefit calculation from the submission. The description of the benefit was removed from the document but erroneously retained within the appendices. Apologies for any confusion caused.</p>
Attachments	None