

Network Innovation Competition Full Submission

Supplementary Answer Form

Tick if this answer is Confidential: ☐

Tick if this answer has been provided verbally: ☐

Project code:	NGGTGN01	Question Number	26												
Question date	15 October 2013	Answer date	17 October 2013												
Submission section question relates to															
Topic															
Question	<p>You have stated a ramp rate of 50MW/min in a number of instances in the Submission and Q&A responses. Does the ramp rate provided refer to electricity output (MWe/min) or to gas required (MWg/min)? Please quantify how that compares to ramp rates of the most recent (or under development) CCGTs?</p>														
Notes on question															
Answer	<p>We can confirm that the ramp rate of 50MW/min refers to the gas required i.e. MWg/min.</p> <p>During the last few years, we have had the following requests to conduct studies for connections to the Gas Transmission System with ramp rates of:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 35%;">Customer</th> <th style="width: 20%;">CCGT / Storage</th> <th style="width: 25%;">Ramp Rate Requested (MW/min)</th> <th style="width: 20%;">Year Study Completed</th> </tr> </thead> <tbody> <tr> <td>Customer A</td> <td>CCGT</td> <td>172 (Up) / 242 (down)</td> <td>2011</td> </tr> <tr> <td>Customer B</td> <td>CCGT</td> <td>200</td> <td>2013</td> </tr> </tbody> </table>			Customer	CCGT / Storage	Ramp Rate Requested (MW/min)	Year Study Completed	Customer A	CCGT	172 (Up) / 242 (down)	2011	Customer B	CCGT	200	2013
Customer	CCGT / Storage	Ramp Rate Requested (MW/min)	Year Study Completed												
Customer A	CCGT	172 (Up) / 242 (down)	2011												
Customer B	CCGT	200	2013												

	<p>We have also received the following applications for CCGT design studies in the last 12 months:</p> <table><tr><th>Customer</th><th>Ramp Rate Requested (MW/min)</th></tr><tr><td>Customer C</td><td>55</td></tr><tr><td>Customer D</td><td>50</td></tr><tr><td>Customer E</td><td>50</td></tr></table>	Customer	Ramp Rate Requested (MW/min)	Customer C	55	Customer D	50	Customer E	50
Customer	Ramp Rate Requested (MW/min)								
Customer C	55								
Customer D	50								
Customer E	50								
Attachments									
Verbal Clarifications (Consultants)									