

NTS Gas Day Change Impacts Beyond the Changes to the UNC



Ofgem Open Meeting 11th September 2013

Introduction

- Many NTS impacts from the change to the Gas Day will be addressed through Modification 461
- However, there are a significant number of NTS impacts that fall outside the scope of the Modification
- Of these impacts, many will affect upstream and downstream parties of the NTS

NG NTS Wider Implications

Impact	Description of Impact	Affected Parties	Other Factors	Timescales for Change
Customer Contracts	<p>A range of changes from minor to complex affecting over 100 contracts:</p> <ul style="list-style-type: none"> • NEA • NExA • SCA • CSEP • Diversion Agreements • Legacy Agreements • Interconnection Agreements 	<ul style="list-style-type: none"> • Shippers • Storage operators • Adjacent TSOs • DM Sites • Power Stations • Other VLDMCs • DNs • Any other Exit User with a NExA 	<p>Agreement needed with adjacent TSOs on the best approach to implement changes to Interconnection Agreements as they are likely to be affected by changes for all EU codes.</p>	<p>Subject to reaching mutual agreement on the changes to each contract once the legal text for Mod 461 is finalised.</p> <p>Note interaction with Interconnector Agreement changes arising from other EU codes in varying timescales.</p>
Gas quality (GQ) measurement equipment	<p>Start of day file creation process on Flow Weighted Average CV (FWACV) Systems at approx. 30 NTS sites.</p> <p>Other NTS GQ systems.</p>	All DNs	Timing of collection of daily files created by the FWACV equipment.	<p>Subject to discussion at the CV liaison meeting with Ofgem and the DNs.</p> <p>TBC for other GQ systems pending further analysis.</p>

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<p>Integrated Gas Management System (iGMS) – the safety system used to control the NTS</p>	<p>Significant and widespread impacts, especially functionality based around hourly profiles. Initial view at this stage:</p> <ul style="list-style-type: none"> • user interface • calculations • other interfaces • scheduled tasks • reporting • Management Information. 	<ul style="list-style-type: none"> • DNs • Shippers • Delivery Facility Operators • Wider industry users • Xoserve 	<p>iGMS has numerous interfaces with upstream and downstream systems These wide-scale changes will require:</p> <ul style="list-style-type: none"> • extensive regression and scenario testing. • full connected system testing with other parties' systems. <p>Additional functionality will be needed for historical data (see below).</p>	<p>TBC pending further analysis.</p>
<p>Other systems e.g.</p> <ul style="list-style-type: none"> • MIPI • Aggregator • Forecaster • HPMIS (High Pressure Metering Information System) 	<p>Initial view of areas affected at this stage:</p> <ul style="list-style-type: none"> • data reporting • publication • interface scheduling 	<ul style="list-style-type: none"> • DNs • Shippers • Delivery Facility Operators • Wider industry users • Xoserve 	<p>Complexity of integration testing between systems.</p> <p>Additional functionality will be needed for historical data (see below).</p>	<p>TBC pending further analysis.</p>

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<p>Historical data</p>	<p>Industry agreement needed re historical data, i.e. convert all to 0500-0500 or retain 0600-0600 prior to cutover date.</p> <p>This will impact the presentation of historical data on all systems, potentially introducing new functionality in areas, such as:</p> <ul style="list-style-type: none"> • screens • calculations • processes that span a number of gas days. 	<ul style="list-style-type: none"> • DNs • Shippers • Delivery Facility Operators • Wider industry users • Xoserve 	<p>Cutover to 0500-0500 will introduce a non-24 hour gas day in addition to those that occur biannually at clock change in Mar and Oct.</p> <p>Additional functionality will be needed in all relevant systems, especially iGMS and its associated interfaces (for hourly data).</p> <p>The Mod 461 WG has expressed an initial view to retain all data on a 0600-0600 basis prior to the cutover date. It would be beneficial to consider the final views of this workgroup to ensure a consistent approach is applied across industry systems.</p>	<p>TBC pending further analysis.</p>
<p>NBP97 terms</p>	<p>References to the 06:00 Gas Day contained within these terms that underpin the trading arrangements of the GB gas market.</p>	<ul style="list-style-type: none"> • Shippers • Traders 	<p>There is no owner of this contract and no formalised method of amending it.</p>	<p>This is dependent on how the industry decides to accommodate this change within the NBP97 terms.</p>