



Rough Order Magnitude (ROM) Request

Change Reference Number: (4939)

Please send completed form to: <mailto:box.xoserve.portfoliooffice@xoserve.com>

Section A: Change Details	
Change Title	Modification 0701: Aligning Capacity booking under the UNC and arrangements set out in relevant NExAs
Will the Change impact the UNC (YES / NO)	Yes
MOD Reference (if raised)	0701
Contact Details of Person Requesting the ROM	
Contact Name	Helen Chandler / Joanna Ferguson / Tracey Saunders
Contact Email	hchandler@northerngas.co.uk / jferguson@northerngas.co.uk / trsaunders@northerngas.co.uk
Contact Phone	0113 397 5471
Section B: Xoserve Acknowledgement and Business Analyst Contact Details	
<i>(Xoserve CIO Office will add)</i>	
ROM Received Date	29/04/2019 (updated 27/08/2019 and 27/09/2019)
ROM Response date	23/10/19 (please note this response date is in relation to the latest ROM request)
Business Analyst Name	Neil Morgan
Business Analyst Email	neil.a.morgan@xoserve.com
Business Analyst Phone	-

Rough Order Magnitude (ROM) Response

Type of ROM Evaluation
<i>ROM for Code-Modification</i>
The Proposed Change (Xoserve' s understanding of the Modification)
<p>Provide a view and high-level costs to enhance what is currently held in UK Link against NExA sites and apply logic to prevent or notify parties where NExA values are exceeded.</p> <p>The following high level requirements need to be assessed:</p> <ol style="list-style-type: none"> 1. Enhance what is currently held in UK Link against NExA sites <ol style="list-style-type: none"> a. NExA SOQ b. NExA SHQ c. NExA AQ d. NExA Effective to and from date e. NExA type 2. Enhance what is currently displayed in DES against the Network Exit Agreement Indicator. Adding a new value to DES which is the NExA SOQ. This data item would need be populated where the NExA flag in DES is Y and should be fed from the information we hold in UK Link against the NExA site: 3. For Class 1 and 2 Supply Points: Any requests for new or additional System capacity made by the Shipper shall not, where a relevant NExA exists, exceed the daily offtake rate and SHQ set out in the NEXA 4. For a Class 1 and 2 Supply Points the System Capacity shall not ratchet above the daily offtake rate set out in the NEXA. 5. For Class 3 and 4 Supply Points: Create a process by which the relevant Transporter(s) is notified of any SOQ changes as part of Rolling AQ which come within [10%] of the daily offtake rate set out in the NEXA. A secondary process so that any SOQ changes as part of Rolling AQ which then exceed the daily offtake rate set out in the NEXA will be referred to the relevant Transporter or the relevant Transporter will be notified of the breach. 6. Conduct a data cleanse against the information held in UK Link and DES for NExA sites. This will involve cleansing what we hold currently and replacing this with the new information we are expected to hold for these sites.
Change Impacts
<p>General Impacts to Xoserve and External Parties:</p> <p>SAP ISU Impacts</p> <ul style="list-style-type: none"> • A change to the existing code would be required to include the additional attributes for NExA sites • A modification to the existing code would be needed to ensure that new / additional System Capacity requests do not exceed the daily offtake and SHQ value set out in the NEXA • Modification to the existing logic is needed to ensure that System Capacity for Class 1 and 2 sites will not Ratchet above the daily offtake rate set out in the NEXA • The Ratchet batch job would need to be modified to incorporate the additional logic for the NExA flag. • Additional validation activities would need to be included in the primary AQ batch job

- Set 2 flags where one flag will denote SOQ changes (as part of the Rolling AQ) which come within 10% of the daily offtake rate set out in the NExA and a second flag to denote any SOQ changes (as part of the Rolling AQ) which then exceed the daily offtake rate set out in the NExA. Both flags would be sent in the monthly NNL file.
- Complete an exercise of Data Cleansing of current data held in SAP ISU in relation to NExA sites and replacing existing info with the new information required for these sites.

SAP BW Impacts

- SAP BW Extraction jobs from ISU will need to be updated to include the additional NExA attributes.
- Structure Changes required in the tables to accommodate the additional NExA attributes.

DES Impacts

- DES Webservice updates will be completed to enhance the current display to include NExA attribute information.

External Interface Impacts (Changes to Screens, Portals, Files, Permitted Values, etc.)

DES output

A means for GDN's to populate and maintain (we expect this could be an offline process / template)

Impacts to Gemini System:

No Impacts Identified

Impacts UKL Manual Appendix 5b:

Potential updates to the UK Link Code Communications Reference Document to state new communications between the Transporters and the CDSP to provide NExA information plus notifications from the CDSP to the Transporters to confirm when an AQ has breached the NExA AQ

DSC Service Areas Impacted:

Expected Service Area is:

Service Area 11: NExA Supply Meter Points if a Change Proposal is raised, this will need to be confirmed by agreed by the proposer.

Note: DSC Change Management Committee will resolve any difference between the funding split implied by the above and the benefit split of the proposed change.

Costs and Timescales

Change Costs (implementation):

An enduring solution will cost at least **£53k**, but probably not more than **£87k** to implement.

Costs for changes to DES would cost at least **£22k**, but probably not more than **£36k** to implement

Change Costs (on-going):

The ongoing cost impacts cannot be provided at the time of delivering the ROM Response

Timescales:

The high-level estimate to develop and deliver this change is approximately **25** weeks and includes **3** weeks of Post Implementation Support

Assumptions:

- The assessment of impacts is based on this change being in place for one to one NExA sites whereby the NExA is in place for a single Supply Meter Point. It is assumed that one NExA to multiple sites (e.g. CSEP NExAs) are not considered as applicable to the business rules within the ROM.
- Costs are high level, based on high level analysis. Detailed analysis is required to deliver the final solution, which may impact both effort and cost.
- Any changes to the requirements or solution delivery approach would impact the overall effort and cost for this change.
- It is assumed that the notification of SOQ changes will be communicated to Customers via an existing file flow (monthly NNL file)

Dependencies:

- Workshops would be required to baseline a full set of requirements and to complete some initial analysis of the change prior to progressing into Delivery.

Constraints:

- Resource availability to deliver this change would need to be assessed.

Observations:

N/A

Document Version History

Version	Status	Date	Author(s)	Summary of Changes
1.0	Reviewed	27/08/2019	Xoserve	ROM response to request
2.0	For review	23/10/2019	Xoserve	Updated ROM response to revised request