



Rough Order Magnitude (ROM) Request

Change Reference Number: (4873)

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

Section A: Change Details	
Change Title	New Capacity Exchange process at NTS Exit points for Capacity below baseline http://www.gasgovernance.co.uk/0671
Will the Change impact the UNC (YES / NO)	Yes
MOD Reference (if raised)	0671
Contact Details of Person Requesting the ROM	
Contact Name	Richard Pomroy
Contact Email	richard.pomroy@wwutilities.co.uk
Contact Phone	07812 973337

Section B: Xoserve Acknowledgement and Business Analyst Contact Details	
<i>(Xoserve CIO Office will add)</i>	
ROM Received Date	13/02/2019
ROM Response date	06/03/2019
Business Analyst Name	Karen Denne
Business Analyst Email	Karen.Denne1@xoserve.com
Business Analyst Phone	NA



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>MOD 0671 – This modification proposes to introduce a new process to allow exchanges to both Enduring and Annual Exit Flat Capacity between NTS Exit Points where the Capacity does not go above baseline. There will also be relief from the User Commitment obligations in respect of the Capacity exchanged. This will enable Users to respond to changes in their consumers requirements.</p> <p>The following will need to be considered:</p> <ul style="list-style-type: none"> • The introduction of a new annual Capacity exchange between NTS Exit Points, for DNO's and Shippers only, • 1:1 exchanges rate applies, • The process is only available during the Annual Application Window and not at any other time in a Gas Year, • Results must be notified by 30th September, • Decreasing NTS Exit Point(s) are those from which Capacity is moving away from. • Increasing NTS Exit Point(s) are those to which Capacity is moving to. • Order prioritisation, where there are two or more DNOs or Shipper Users at an NTS Exit Point requests for Capacity increases shall be satisfied before requests for Capacity exchanges. • Where there are several tranches of Enduring Annual Exit (Flat) Capacity at a decreasing NTS Exit Point the tranche with the longest period of commitment remaining will be exchanged first. • This does not apply to Capacity at Interconnection Points. • These changes can be many to one, or one to many NTS Exit Points. • Process limited to cases where the resulting Exit Capacity at the increasing offtake(s) is no greater than the License Baseline Exit Capacity as defined in Table 8 of Special Condition 5G (Determination of Incremental Obligated Exit Capacity volumes). • After exchange Exit Capacity at decreasing NTS Exit Points cannot be negative. • Results are applicable from following 1st October and Capacity becomes chargeable from 1st October in applicable Gas Year. • Amend TPD B 3.2.17 to require NTS to provide relief from User Commitment at the Decreasing Offtake(s) where a Capacity Exchange occurs for the Enduring Annual Exit (flat) Capacity that is exchanged. Remove the User Commitment from the Decreasing Offtake(s) for the Enduring Annual Exit (flat) Capacity that is being moved from them.
Change Impacts
<p>General Impacts to Xoserve and External Parties:</p> <p>No impact identified to SAP ISU UK Link and SAP BW (See Appendix – Heat Map).</p>
<p>External Interface Impacts (Changes to Screens, Portals, Files, Permitted Values, etc.)</p> <ul style="list-style-type: none"> • Modifications have been identified to the following screens (but may not be limited to):

- Quantity Holder
- Capture Request
- Deal
- Allocation Verification
- Changes to User Commitment & Entitlement Report.

Impacts to Gemini System:

- New processes and rules are required.
- Changes are required to the BID process.
- New job logic required for Capacity exchange, and impact to Capacity exchange rules and order of priorities.
- New allocation verification logic required to validate Capacity exchange requests.
- Mapping of new Capacity exchange types for invoicing.
- Impact to the Capacity Auction process.
- Batch job processing User Commitment Reporting.

Impacts UKL Manual Appendix 5b:

To be assessed.

DSC Service Areas Impacted:

Service Area 7: NTS Capacity, LDZ Capacity, Commodity, Reconciliation, Ad-hoc adjustment and balancing invoices.

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 **£650,000** but probably not more than **£950,000** to implement.

Change Costs (on-going):

The On-going cost impacts cannot be provided at the time of delivering this ROM response. Mod0671 requires further development to determine any potential on-going costs. See assumptions section.

Timescales:

The high level estimate to develop and deliver this change is approximately 42 weeks. MOD0671 (if approved by OFGEM) would need to be prioritised through the Change Management Committee along with other industry changes within Xoserve's planned release programme.

Assumptions:

- Costs are based on high level analysis, detailed analysis and workshops will be required to deliver the final solution, and this may impact the effort and cost.
- All Interface costs, including AMT, are not included within costs of this ROM response.
- Any transitional period/issues costs are out of scope of the ROM response.
- No impact to ISU as existing charge type, NXA can be utilised for invoicing. If NXA cannot be used this impact to ISU will apply however these costs are out of scope of the ROM response.
- The Project will not require an additional Gemini environment.
- Extensive regression testing is required, including ISU to ensure the flow of charges to UK Link, due to the complexity of the change.
- All ongoing IT service and business operations costs are not included within costs of this ROM response. MOD0671 business rules require further development to understand the scope of the enduring requirements for CDSP support.
- CDSP Training costs have been included to support, if require, National Grid deliver external training.
- User Trails testing will be run in parallel alongside other planned activities, such as UAT & IDR. If this activity requires a dedicated/separate project activity then this will impact the project effort and cost.

Dependencies:

- National Grid resource availability.
- Detailed workshops will be required to further analyse and define the final design for the solution which will be implemented to support this change.
- MOD0671 business rules are sufficiently developed and agreed in order for the CDSP to deliver a robust solution.

Constraints:

- Availability of resources to deliver the change.

Observations:

- BW assessment out of scope as Capacity data doesn't flow into BW.
- DES assessment has not been performed.

Document Version History

Version	Status	Date	Author(s)	Summary of Changes
V0.1	Draft	28/02/19	Karen Denne	Draft ROM response
V0.2	Updated	05/03/19	Karen Denne	Updated following comments from reviewers
V0.3	For Approval	05/03/19	Karen Denne	Issued for Approval
V0.4	For Approval	06/03/19	Karen Denne	Issued for Approval
V1.0	Approved	06/03/19	Karen Denne	Approved following final review comments

Template Version History

Version	Status	Date	Author(s)	Summary of Changes
2.0	Approved	22/05/18	Steve Ganney	Minor changes implemented

Appendix A: Change Complexity Heat-map (initial assessment)

Impacted Systems	End User Impacted?	New / Existing Build	High level description of system change impact	Complexity						
				Requirement Clarity	Change Complexity	Integration Complexity	Test Data Prep Complexity	Test Execution	Regression Testing Impact	Performance Impacts
Gemini	DNO / Shipper	New / Existing	New: Capacity Exchange logic/rules, Allocation logic Amend: Capacity auction process, BID Process, user commitment process, existing batch job, screen changes	Red	Red	Yellow	Yellow	Red	Red	Red
UK-Link SAP ISU	N/A	N/A	No system change, regression testing of pass through invoice files from Gemini to UK Link.	Blue	Blue	Green	Yellow	Yellow	Yellow	Blue
UK-Link AMT/PO	N/A	N/A	No system change, pass through of Gemini files only for regression testing in UK Link.	Blue	Blue	Green	Green	Green	Green	Blue
UK-Link SAP BW	N/A	N/A	No system change to SAP BW. regression only.	Blue	Blue	Green	Green	Green	Green	Blue

Key:

Green	Complexity of changes is deemed to be low	Confirmation of change complexity will be subject to further detailed analysis
Amber	Complexity of changes is deemed to be medium	
Red	Complex and/or significant change impacts	
Blue	Out of Scope of impact assessment	