



# Rough Order Magnitude (ROM) Request

Change Reference Number: (CIO Office will add)

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

Section A: Change Details	
Change Title	0755 - Enhancement of Exit Capacity Assignments
Will the Change impact the UNC ( YES / NO )	Yes
MOD Reference (if raised)	0755 - Enhancement of Exit Capacity Assignments
Contact Details of Person Requesting the ROM	
Contact Name	Dan Hisgett
Contact Email	Daniel.hisgett@nationalgrid.com
Contact Phone	07971 500 855
Section B: Xserve Acknowledgement and Business Analyst Contact Details (Xserve CIO Office will add)	
ROM Received Date	09/03/2021
ROM Response date	07/04/2021
Business Analyst Name	Hannah Reddy
Business Analyst Email	Hannah.reddy@correla.com
Business Analyst Phone	0121 229 2226

# Rough Order Magnitude (ROM) Response

Type of ROM Evaluation
<p><i>ROM for Code-Modification</i></p> <p>0755 - Enhancement of Exit Capacity Assignments</p> <p><i>Details of the Modification proposal:</i></p> <p>This proposal looks to expand the existing Exit Assignments process to enable long-term capacity to be assigned in part, rather than just as a whole as currently allowed. By partial we mean in terms of capacity levels, and time periods. We are proposing to restrict this to auction periods (i.e. Annual or Enduring) but remove the current requirement to move the capacity and liability in perpetuity. The proposal also looks to allow those auctioned volumes to be split down to the kWh level as long as that is a consistent level across the length of the auction type.</p> <p>This proposal is similar to that which was previously approved and scoped under Modification UNC0276, hopefully the work carried out previously can be used as a reference though there may need to be updates based on recent changes to the Charging Regime and the introduction of the CAM Code which means we would now exclude Bundled Capacity at Interconnector Points from this arrangement.</p> <p><i>Modification available at:</i></p> <p><i>Legal text for the Modification available at:</i></p>
The Proposed Change (Xoserve's understanding of the Modification)
<p>Currently users can assign Exit Capacity (entitlement and liability) for the full amount of their holdings from a chosen date until the end of the inventory for that location.</p> <p>The proposed change is to enhance the Gemini system such that:</p> <ol style="list-style-type: none"><li>Users are able to assign all or part of their Exit Capacity (entitlement and liability) at a location</li><li>Partial assignments are invoiced accordingly</li></ol>
Change Impacts
<p><b>General Impacts to Xoserve and External Parties:</b></p> <ol style="list-style-type: none"><li>Modifications to the existing Assignment Registration functionality<ol style="list-style-type: none"><li>Flexibility for the shippers to register the capacity in full or part for the defined auction types i.e. Enduring Annual or Annual NTS Exit flat capacity</li><li>Process the assignments based on the capacity registered for Assignor and Assignee</li></ol></li><li>Modifications to the existing User Commitment functionality to apportion the User commitment amount to the Assignor and Assignee based on the registered assigned capacity</li></ol>

3. Modification to the existing NTS Exit Capacity Charge calculation to include the partial assignments accordingly for Assignor and Assignee

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

1. Modifications to the existing Assignment Registration functionality to allow the shippers to register the capacity in full or part
2. Modifications to the existing User Commitment functionality to view the user commitment amount for the partial assignments

#### **Impacts to Gemini System:**

##### **Modifications to the existing Functionalities:**

##### **Assignment Registration**

1. **Add/Modify Functionality:**
  - a. The below new additional fields will be added to register the assignment
    - i. Type of Assignment – Full/Partial
    - ii. If the 'Type of Assignment' is chosen as 'Partial' then the system populates
      1. Class of Assignment – Enduring Annual/ NTS Exit Flat Capacity
      2. Assignment Quantity
2. **Query:**
  - a. The below new additional fields will be added to Query results and Generate Report
    - i. Type of Assignment
    - ii. Class of Assignment
    - iii. Assignment Quantity
3. The Shippers will be able to view the partial assignments and accept the same
4. **Confirm:**
  - a. The Gemini System will process the partial assignments for both Assignor and Assignee based on the 'Type of Assignment', 'Class of Assignment' and 'Assignment Quantity' parameters

##### **User Commitment Functionality:**

1. In the case of partial Assignments, the User Commitment is recalculated for both Assignor and Assignee on approval of an Assignment Notification.
2. The Assignor will retain a user commitment for their remaining Enduring Annual NTS Exit Flat Capacity in proportion to the Enduring Annual NTS Exit Flat Capacity they retain. The user commitment amount will be proportionately reduced for the Assignor User.

##### **NTE Capacity Charge Calculation:**

1. The Long-term charge calculation to consider the partial assignments to
  - i. Include the assigned capacity in the assignee's invoice
  - ii. Exclude the assigned capacity from the assignor's invoice

##### **NTS Optional Capacity Transmission Service Charge Calculation**

1. Primary/Adjustment Transmission Service Charge calculation to consider the partial assignments

##### **Reporting**

Modifications required in Capacity and Revenue by Bid report to consider the partial assignments.

#### **Impacts UKL Manual Appendix 5b:**

Appendix B of the UK LINK Communications Document UKLCD1 Code Communications Reference – updates may be needed to reflect the change in the Assignment process.

#### **DSC Service Areas Impacted:**

**Service Area 20:** UK Link Gemini System Services

## Costs and Timescales

### Change Costs (implementation):

An enduring solution will cost at least **£235,000**, but probably not more than **£295,000** to implement.

### Change Costs (on-going):

The change is not expected to increase ongoing running costs.

### Timescales:

This change would need to be prioritised through the Change Management Committee alongside other changes within Xoserve's planned Gemini programme.

The high-level estimate to develop and deliver this change is approximately 18 to 20 weeks for Analysis through to Post Implementation Support.

Please note a lead time of 3 months for startup/sanction/mobilisation should be considered though there is the potential for this to be shortened subject to the delivery mechanism and availability of resources.

### Assumptions:

1. The change is applicable for both GB and IP locations, however only unbundled capacity will be included for IPs
2. In the event of multiple Assignment requests, the priority of allocation will be provided by the business
3. QH level processing is not required for partial assignments
4. The SOP's and LWI's will be updated by the relevant business
5. User Trials are not required
6. E-Training updates are not required
7. An allowance of 3 weeks for UAT has been included in the estimated timescales
8. An allowance of 3 weeks for Post Implementation Support has been included in the estimated timescales
9. There will be joint testing between National Grid and Correla
10. This ROM assumes the solution will be delivered as a standalone project
11. This ROM is based on the Gemini functionality currently in Production and does not consider any functional changes being introduced by inflight projects
12. Change can be delivered using environments from the existing Gemini test estate
13. Costs are high level, based on high level analysis and assumed requirements

### Dependencies:

- Availability of National Grid business resources to support delivery
- Implementation of the change is dependent on timely approval of the associated UNC modification

### Constraints:

- If the intention is to deliver this during 2021 then this change would need to be considered alongside the wider Gemini change programme including existing inflight projects:
  - Gemini System Enhancements
  - NOCC readiness for October 2021

- CSSC programme

**Observations:**

None identified

**Document Version History**

Version	Status	Date	Author(s)	Summary of Changes

**Template Version History**

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