



DSC Business Evaluation Report (BER)

Change Title	Gemini System Enhancements - Delivery
Xoserve reference number (XRN)	XRN 5122
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Target Change Management Committee date	Wednesday 7 th October

Section 1: In Scope

To deliver the necessary changes to the Gemini system to meet the 18 Business Requirements listed below:

1. BR1 – User ID Deletion
2. BR2 – User ID Password Reset
3. BR3 – Performance Optimisation
4. BR5 – Optimise Query Criteria
5. BR8 – Entitlement Screen Optimisation
6. BR10 – New APIs (incl Exit / Entry data internal NG usage)
7. BR12 – API Documentation
8. BR13 – API Enhancement
9. BR14 – Web Services
10. BR15 – Dashboard
11. BR21 – Shipper Imbalance Report
12. BR22 – User ID Password Expiry
13. BR26 – OCM/OTC Trades
14. BR39 – Query Criteria Standardisation
15. BR43 – Capacity Amendment Report (Exit)
16. BR46 – Removal of reliance on Siteminder
17. BR47 – Internal NG Auction Automation
18. BR48 – PARCA Substitution Automation

The delivery phase (Analysis through to and including Post Implementation) will be 69 weeks. Implementation into Production is proposed as Sunday 25th July 2021 with a contingency implementation date as Sunday 8th August 2021.

Section 2: Out of Scope

Following the Requirement Clarification phase the following requirements are now classed as descoped:

1. BR7 – BA Balance API – This is because an API already exists called Shipper Preliminary Balance which provides this functionality.
2. BR11 – API Standardisation – There are APIs that perform a similar function For Entry Capacity and Exit Capacity however there are a number of differences between the data items within the APIs therefore there is limited benefit in reordering the data items. Given that changes would impact all shippers that use the APIs it was decided to descope this requirement.
3. BR41 – Locational Trades at IPs – This would require significant changes to the existing process including changes to third party systems.
4. BR42 – NTS Entry and Exit Meters Report – This requirement has been descoped as the requirement is being met through a separate project.

Section 3: Funding required to deliver the change

Gas Industry Participant	% Share of Cost	Cost Value
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Shippers		
IGT's		
DNO's		
Transmission	100	£2,433,586
DN & IGT		
Total Cost	100	£2,433,586

Section 4: Estimated impact of the service change on service charges

The delivery of the system changes is expected to have an impact on service charges however the scale of this impact will not be known until the Analysis and Design stages have completed. An initial view is an increase of £30k per annum.

Section 5: Project plan for delivery of the change

	START DATE	END DATE
Analysis and Design	11/05/2020	30/10/2020
CUT	02/11/2020	05/02/2021
System Testing	25/01/2021	09/04/2021
SIT	29/03/2021	16/04/2021
SUPT	29/03/2021	23/04/2021
UAT	19/04/2021	28/05/2021
User Trials	31/05/2021	25/06/2021
OAT PT	31/05/2021	25/06/2021
IDR	28/06/2021	23/07/2021
Implementation	25/07/2021	25/07/2021
PIS	26/07/2021	17/09/2021

Section 6: Additional information relevant to the proposed service change

- Availability of sufficient suitably skilled National Grid resources to provide support throughout the project lifecycle.
- Availability of sufficient, suitably scaled development and testing environments. Relative priorities will need to be agreed with other projects if and when there are areas of conflict.
- An extended outage may be required when deploying the system changes into the Gemini system. This will be longer than the standard Sunday system outage and will need to be approved via ChMC.
- A significant number of the Business Requirements being delivered by this project have originated with users of the system. Xoserve will work with National Grid to develop a communication plan to share details of the changes being made.
- A period of User Trials has been included in the delivery plan. It is assumed external parties will participate in this phase in order to verify the system changes.

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Document Version History

Version	Status	Date	Author(s)	Summary of Changes

Template Version History

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2.0	Approved	17/07/18	Rebecca Perkins	Template approved at ChMC on 11 th July