Project Nexus Delivery Group [PNDG]
Status Report

23 August 2016

Covering the period: 05 Aug 16 – 18 Aug 16

Agenda

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Minutes can be found on the **ofgem** website at:
https://www.ofgem.gov.uk/gas/retail-market/market-review-and-reform/project-nexus

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Programme Status Report

Project Nexus as @ 23 Aug 16
Sponsor: Jon Dixon
PMO: Melisa Findlay
End Date: 01 Apr 17 (reporting baseline)

RAG Status	Project Delivery	Market Trials	Data	Transition	GONG
Overall	🟠 ↔	🟠 ↔	🔴 ↔	🟠 ↔	⚫ ↔
Xoserve	🟠 ↔	🟢 ↔	🔴 ↔	🟠 ↔	⚫ ↔
Baringa view of Xoserve	⚫ ↔	⚫ ↔	⚫ ↔	⚫ ↔	⚫ ↔
Participants	🟢 ↔	🟠 ↔	🟢 ↔	🟢 ↔	⚫ ↔

Programme Status: 🔴

Programme Trend: ↔

Since: 05 Aug 16

🔴 Poses significant risk to go-live – Immediate mitigation require
🟠 Go-live at risk – manageable with mitigation
🟢 On Track
🔵 Complete
⚫ N/A or No information
↑ Increase in severity since previous report
↔ No Change in Status
↓ Decrease in severity since previous report

Project Nexus Programme Background:
Project Nexus is the implementation of new business processes for gas settlement reform and single service provision for GT and iGT's with the central system being delivered as part of Xoserve's UK Link Programme. The programme involves participation from shippers, gas transporters, independent gas transporters and Xoserve. This report structures the programme into five workstreams: Project Delivery (Solutions and Services); Market Trials; Data (Migration and Cleansing); Transition; and GONG.

Activities since last PNDG:
- Monitoring and delivery of the actions identified through the problem solving session.
- Continued refinement of the delivery plan.
- Continue to work with Xoserve and MT to improve Market Participant confidence in exiting Market Trials.

Upcoming activities:
- PwC follow-up activities on latest portal submissions.
- Next portal submission on 26 Aug 2016.
- Further activities to confirm status of critical changes.
- Regression testing approach to be finalised.
- Next Change release 31 Aug 16.

Overall RAG Commentary:
The programme continues to track RED against the planning baseline. This is driven by the Data workstream that is encountering problems and delays to the successful completion of Delta testing along with concerns around the development of the iGT bulk transfer solution. Xoserve's replan currently also shows a high level of parallel activities through to the end of the year caused by the inclusion of new activities in the plan (especially 2nd bulk load, and Market Trials regression). Xoserve are continuing to develop and assure their plan and a hot topic providing an update on progress and next steps will be presented at the PNDG.

Market Trials remains on AMBER status. The latest portal submission had all participants report their RAG status as either green or amber against a 30 September completion date. However, in some cases the amber status was caveated on the presumption that blockers will be removed. In addition, the number of open defects continues to fall, the prioritisation process remains effective and the number of open queries also fell. Of concern though is that the achieved average run-rate for the last 2 weeks fell back to around the historic average from the high achieved in the prior period. Individual performance was patchy with some participants achieving double digit completion rates.

For transition the TPG sub-group continues to make good progress on the contingency planning. The AMBER status is driven by the level of confidence in the delta data migration process which has not yet been proven.
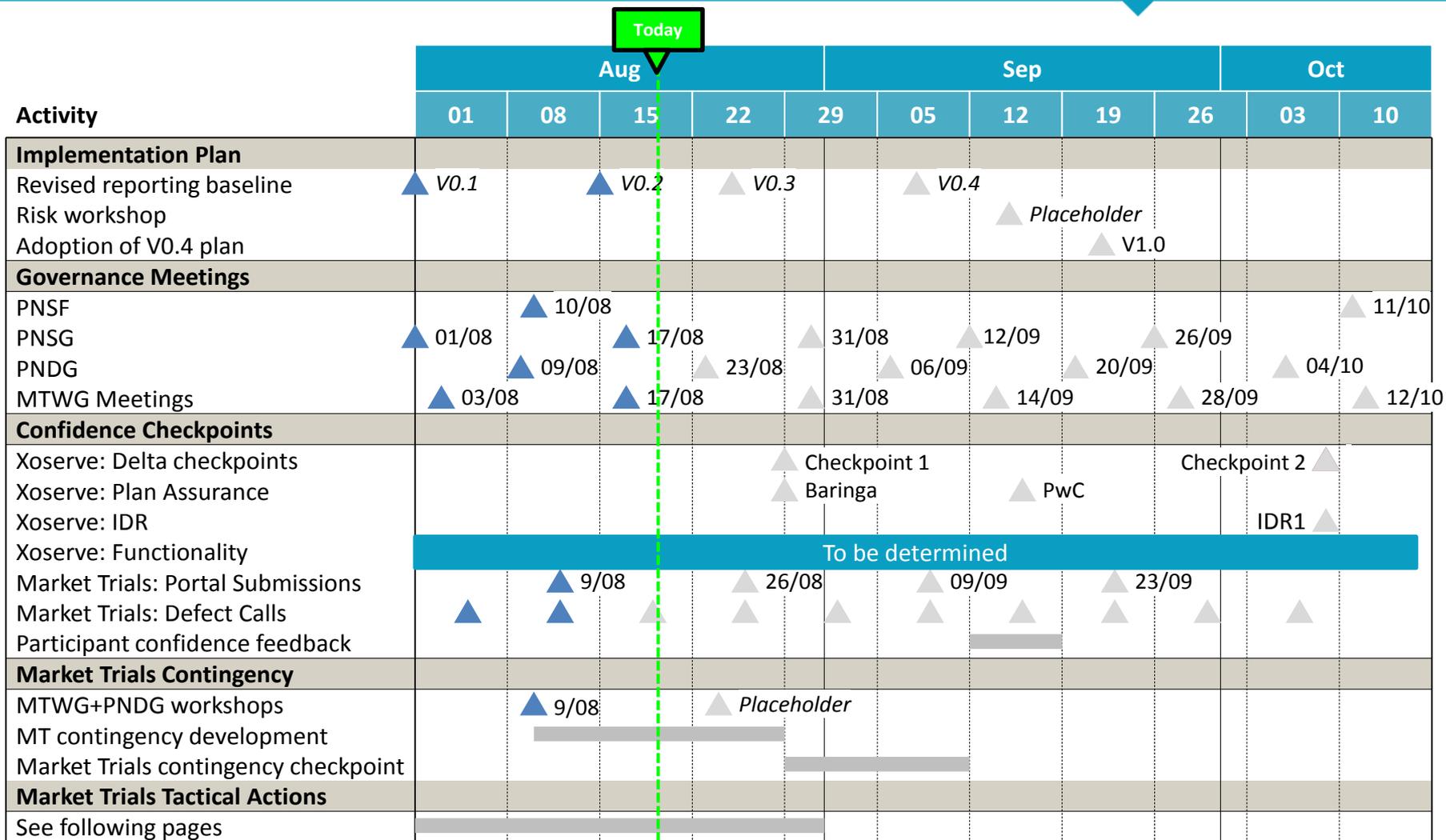
Remediation Action:
Plans are in place to drive greater certainty during August in the Xoserve data migration activities (and across the Xoserve plan more generally). These plans include Baringa and PwC plan assurance activities and further detailed planning by Xoserve.

For Market Trials, progress continues on the tactical improvement actions agreed at the problem solving session. In addition to this, a number of participants have been identified form the last portal submission who will be subject to additional oversight during the next two weeks in order to help ensure that they are able to increase progress and/or avoid them returning to RED status at the next portal submission.

Programme Plan

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Today

Month | **2016** | **2017**

Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
04 11 18 25	01 08 15 22 29	05 12 19 26	03 10 17 24 31	07 14 21 28	05 12 19 26	02 09 16 23 30	06 13 20 27	06 13 20 27	03 10 17 24	01 08 15 22 29	05 12 19 26

Activity | **Actions**

Level 1 Milestones

G1.0 *Detailed GONG Criteria baselined*

G2.0 *GONG Gate 1*

G3.0 *GONG Gate 2*

G4.0 *GONG Gate 3*

G5.0 *GONG Decision*

MT1.0 *Market Trials Checkpoint*

MT2.0 *Market Trials Complete*

MT3.0 *Regression Testing Complete*

D1.0 *Delta Data Testing Load Complete*

D2.0 *Bulk Load Complete*

T2.0 *IDR 1 Complete*

T3.0 *IDR 2 Complete*

T4.0 *IDR 3 Complete*

T5.0 *Cutover Complete*

PN1.0 Performance Testing Complete

PN2.0 Remaining functionality delivered

PN3.0 Gas Day Testing Complete

Delta Checkpoint 1 Baringa Assurance complete

Delta Checkpoint 2 NED Checkpoint 1

Plan Assurance complete (PwC)

Participants have reviewed plan

Milestone RAG Key:

Industry Milestone | Industry Activity | Contingency | Complete | On Track | Risk to individual milestone(s) | Risk to go-live | On Hold | Slip/expected delay of milestone

Plan Confidence Dashboard

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⬆ Improving ⬇ Deteriorating ⬌ No change

Area	Criteria	Desired outcome	Due Date	Last Period	This Period	Trend	Comments
Xoserve plan	Delta	Delta checkpoint 1: Delta TC1 defect fix validation – i.e. sufficient defect closure.	29/08	In Progress	In Progress	-	Extract, transform and load activities have completed and validation in progress.
Xoserve plan	Assurance	Plan assurance complete (Baringa).	29/08	In Progress	In Progress	-	Baringa are providing assurance at a detailed level within each workstream and at an overall plan level.
Xoserve plan	Assurance	Plan assurance complete (PwC).	16/09	Not Started	In Progress	-	Initial kick-off meetings held and engagement underway.
Xoserve plan	IDR	NED checkpoint 1: Post-IDR1 NED performance (time and quality).	09/10	Not Started	Not Started	-	
Xoserve plan	Delta	Delta checkpoint 2: Post-IDR1 Delta performance (time and quality).	09/10	Not Started	Not Started	-	
Xoserve	Functionality	Remaining functionality delivered to plan. Clarity on changes.	TBA				Change log info template distributed, workshop held 12 Aug 16 with another planned for 22 Aug 16 with update to PNDG.
Market Trials	New defect rate	Sustained reduction in new defects raised rate.	Weekly	⬆	⬆	⬆	New defects opened in last week down from 23 the week previous.
Market Trials	Defect closure rate	Sustained increase or sustained performance on defect closure rate.	Weekly	⬇	⬇	⬇	Closure rates are falling but are still ahead of new defect rates so overall numbers continue to fall.
Market Trials	RAG assessment	Portal submission showing a participant MT RAG status that indicate a clear majority of participants can complete.	26/08 09/09 23/09	⬆	⬆	⬆	All participants are now rating amber or green for completion by end of September.
Market Trials	MT Completion run-rate	Portal submissions showing sustained increase in run-rate that allows confidence in a forward prediction.	26/08 09/09 23/09	⬆	⬇	⬌	Run rate fell back to 2.2% close to historic average. Actions underway to follow up with some participants.
Industry Plan	Assurance	Participants have reviewed the plan.	30/09	Not Started	Not Started	Not Started	Mechanism to measure indicator to be confirmed.

Plan Confidence

Planning Confidence Actions

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Action #	Action	Progress	Owner	Status	Due	Forum
A107 **Action 4**	Market Participants to confirm detailed data requirements for regression via the MTWG representatives.	**Update following PNDG 09 Aug 16:** Proposed to bring forward date for collection of data from 26 Aug date to 19 Aug 16. Clarified that "worse case" means within the constraints of a minimum load of dummy data as discussed by MTWG. **Update following MTWG 17 Aug 16:** Participants will provide their requirements by 19 Aug 16. Only minor refinements to these will be allowed up to 26 Aug 16.	Participants	🟩	03 Aug 16 → 19 Aug 16	Market Trial Problem Solving Session
A109 **Action 6**	Determine the date 'NRL' annual updates will be available for MT.	**Update following PNDG 09 Aug 16:** High level plan of re-design activities was shared verbally at PNDG with testing being completed and deployment to MT environment by end of August. Annual NRL/NNL will be issued in September	Xoserve	🟦	05 Aug 16	Market Trial Problem Solving Session
A111 **Action 8**	Identify an industry Subject Matter Expert Pool for Market Participants to reach out to with issues prior to raising a query or defect.	**Update following 12 Aug 16:** No volunteers received. This will be a mailing list held by the PMO and when participants wish to access this resource they will send the request to the PMO who will review and then send onwards. PMO will be asking people to volunteer to go on this mailing list with the aim of establishing it by 26 Aug 16.	Participants	🟩	05 Aug 16 → 12 Aug 16 → 26 Aug 16	Market Trial Problem Solving Session
A112 **Action 9**	Hold initial RGMA task force to scope the issue, identify causes and develop an action list with due dates and accountabilities (include iGT RGMA baseline).	**Update following 12 Aug 16:** Representatives from ES Pipelines and Brookfield have agreed to facilitate this session. Volunteer from shippers still being sought. Date set for 18 Aug 2016. **Update following Interim PNSG 17 Aug 2016:** First two iGT sessions to be held 18 Aug 2016 and RGMA will be planned in the near future as a lot of interest has been expressed. iGT session held on 18 Aug 2016 for RGMA and New Connections. Follow on actions received for RGMA for a workshop (tentatively for 24 Aug 2016) to establish a common file format that can be sent from the iGTs to the Shipper/Suppliers. The subsequent action will be tracked within the RGMA task force.	Participants	🟦	05 Aug 16 → 18 Aug 16	Market Trial Problem Solving Session

Planning Confidence Actions

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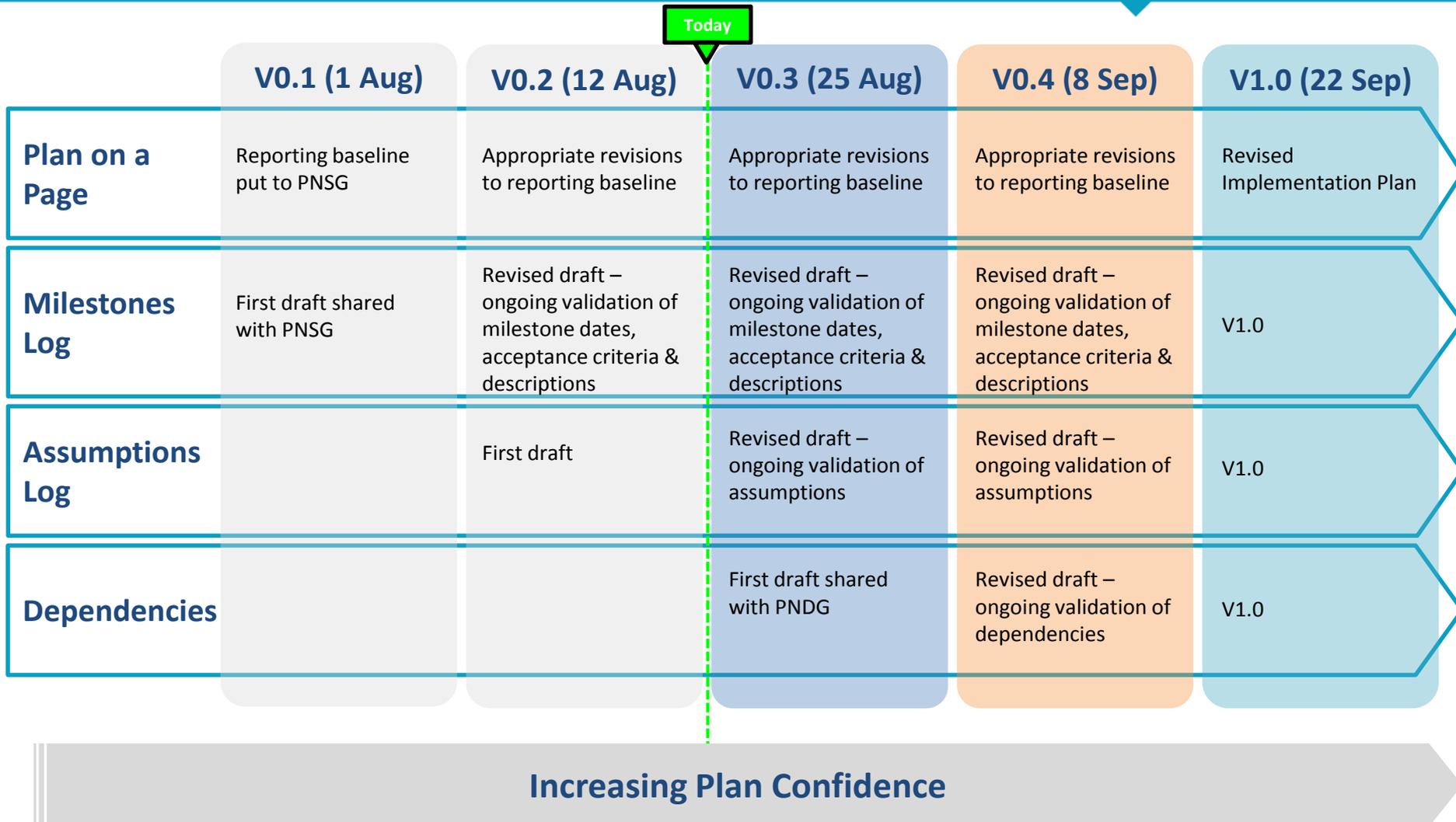| Action #	Action	Progress	Owner	Status	Due	Forum
A113 **Action 10**	Defect prioritisation process and call to incorporate new prioritisation factors into the decision making criteria for timing out of tests to avoid rework and re-collation of data (e.g. iGT LSP data).	**Update following PNSG 01 Aug 16:** PNSG representatives to make sure market participants are aware of this action.	PwC and Participants		05 Aug 16	Market Trial Problem Solving Session
A114 **Action 11**	Develop a checklist for Market Participants to use to triage defects and queries, sharing good practices amongst Market Participants.	This was allocated to First Utility who subsequently have declined to take on the action. New volunteer being sought. Please contact projectnexus.pmo@uk.pwc.com. **Update following PNDG 09 Aug 16:** A participant is still required to volunteer for this. At the PNDG on 09 Aug 16 it was agreed that the due date for submitting volunteers will be shifted from 05 Aug 16 to 12 Aug 16 due to no participant responses. **Update following 12 Aug 16:** 2 volunteers have now been identified, PMO to follow up.	Participants		05 Aug 16 → 12 Aug 16 → 26 Aug 16	Market Trial Problem Solving Session
A116 **Action 13**	Update Xoserve website to locate the process maps (including iGT) in a central location. Currently process maps are split over 3 locations.	Process maps (with the exception of iGT) are on this page http://www.xoserve.com/index.php/our-change-programme/uk-link-programme/uk-link-engagement-events/uk-link-programme-process-walk-throughs/ **Update following PNDG 09 Aug 16:** iGT maps are expected to be published in the same place by Aug 12. **Update following 12 Aug 16:** iGT maps have now been posted at http://www.xoserve.com/index.php/our-change-programme/uk-link-programme/uk-link-programme-workstream-updates/uk-link-programme-market-trials/	Xoserve		05 Aug 16 → 12 Aug 16	Market Trial Problem Solving Session
A117 **Action 14**	Industry participants to review the 'single version of the truth' and provide responses over the impact of the current delivery dates. Schedule a workshop to review all open design decisions, outstanding functionality and change requests and agree the impact on MT timelines.	**Update following 12 Aug 16:** WebEx held and submission received from 7 participants. Agreed to provide for further round of input by 16 Aug 16. Next workshop is to be held on 22 Aug 16 with review by Ofgem and update to be provided to PNDG on 23 Aug 16.	Participants and PwC		08 Aug 16 → 23 Aug 16	Market Trial Problem Solving Session

Planning Confidence Actions

Action #	Action	Progress	Owner	Status	Due	Forum
A118 **Action 15**	Lead process walkthroughs in Targeted Areas (e.g. SPA, RGMA and iGTs).	**Update following 12 Aug 16:** Requests for attendance received but no volunteers to lead walkthroughs. PwC will pick a couple of scenarios and pilot this to see if it is worthwhile.	Participants and Xoserve		08 Aug 16 → 12 Aug 16 → 26 Aug 16	Market Trial Problem Solving Session
A119 **Action 16**	Provide list of frequently asked queries / themes on Xoserve website.	A guide is published on Xoserve.com to include helpful information to customers in MT from defects, queries which are raised through MT. http://www.xoserve.com/wp-content/uploads/MT-L3-Defect-FYIs14.pdf	Xoserve		19 Aug 16	Market Trial Problem Solving Session
A120 **Action 17**	Develop a summary sheet of where information is on the Xoserve website and SharePoint (e.g. iGT data on different SharePoint site to others).	In progress.	Xoserve		31 Aug 16	Market Trial Problem Solving Session
121 **Action 18**	Ensure participants reporting blocked scenarios are making submissions into defect prioritisation process.	In progress.	PwC		End of market trials	Market Trial Problem Solving Session
Action 122 **Action 19**	Identify sample of defects where Market Participants have not received a complete response or outbound file, and do root cause analysis.	**Update following PNDG 09 Aug 16:** Xoserve noted that they are prioritising "no response files" above this issue. If participants disagree with that priority they should advise. Xoserve will provide an update at next PNDG.	Xoserve		23 Aug 16	Market Trial Problem Solving Session
Action 123 **Action 20**	Undertake a review of P3 defects to identify any that do not need to be fixed for go-live. Agree these with the market participants.	Initial P3 prioritisation completed at end of July but these P3's have now been resolved. Working with PwC to agree whether Xoserve only focus on those in the priority list.	Xoserve		31 Aug 16	Market Trial Problem Solving Session

Planning Confidence Actions

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Action #	Action	Progress	Owner	Status	Due	Forum
A124	Consider format of plan review at PNDGs and Confidence checkpoint. Share approach prior to next PNDG.	A number of steps will be taken: 1. Baringa will present on Xoserve's planning process and plan assurance at the 23 Aug 16 PNDG. 2. Xoserve will host a workshop to review their plans (date to be announced). 3. WebEx walkthrough at the 06 Sep 16 PNDG. 4. Face-to-face constituency meetings will be scheduled for early Sep.	PwC		23 Aug 16	PNDG

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Evolution of Plan

Today

	V0.1 (1 Aug)	V0.2 (12 Aug)	V0.3 (25 Aug)	V0.4 (8 Sep)	V1.0 (22 Sep)
Plan on a Page	Reporting baseline put to PNSG	Appropriate revisions to reporting baseline	Appropriate revisions to reporting baseline	Appropriate revisions to reporting baseline	Revised Implementation Plan
Milestones Log	First draft shared with PNSG	Revised draft – ongoing validation of milestone dates, acceptance criteria & descriptions	Revised draft – ongoing validation of milestone dates, acceptance criteria & descriptions	Revised draft – ongoing validation of milestone dates, acceptance criteria & descriptions	V1.0
Assumptions Log		First draft	Revised draft – ongoing validation of assumptions	Revised draft – ongoing validation of assumptions	V1.0
Dependencies			First draft shared with PNDG	Revised draft – ongoing validation of dependencies	V1.0

Increasing Plan Confidence

Plan Confidence: Meetings

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MTWG Meeting Focus

Complete /08/2016	Complete /08/2016	31/08/2016	14/09/2016	28/09/2016
• Regression approach • Data requirements • Contingency approach	• Regression approach • Data requirements • P3 defect resolution priorities	• TBC		

PNDG Meeting Focus

Complete /08/2016	23/08/2016	06/09/2016	20/09/2016
• Revised reporting pack • Progress on planning action • Plan artefact structure	• Progress on planning actions • Plan artefact walkthrough • Plan update v0.2	• Progress on planning actions • Plan update v0.3	• Progress on planning actions • Plan update v0.4

PNSG Meeting Focus

Complete /08/2016	31/08/2016	26/09/2016
• Progress on planning actions • Update on Market Trials	• Progress on planning actions • MT Contingency go/no go • Plan update v0.3	• GONG Assessment criteria and process • Plan approval v1.0

MTWG+PNDG Meeting Focus (contingency arrangements)

Complete /08/2016	Complete /08/2016 (placeholder)
• MT contingency options	• MT contingency options

Decisions

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#	Decision	Status	Due Date	Areas of Programme Affected	Comments	Outcome
D005	PNDG to approve the TPG, MTWG and DMG ToR (copies included within Appendix).	🟢	23/08/16	Transition Data Market Trials	Endorsement of the ToR for each of the following working groups are recommended for PNDG approval. TPG, MTWG, DMG	

TPG TOR

4.2   Project Nexus Governing Bodies: Transition Progress Group

Frequency
- Fortnightly but frequency may be increased if required
- Alternative weeks to PNDG

Objectives
- Share best practices from within the participant community
- Ensure a smooth transition for the end customer
- Establish how members can prepare for the transition
- Track progress against the industry transition plan
- Build confidence in Xoserve's and market participants' transition delivery workstream
- Establishment of scenarios during cutover and agreed plans
- Criteria for dissolution of TPG when appropriate
- Act upon any request or action from the PNSG or PNDG that relates to the transition
- Provide the opportunity for the market and/or Xoserve to raise and address potential issues in relation to meeting the GONG framework
- Explanation of the evidence required to satisfy upcoming GONG assessment gates

Decisions taken
- Communications approach
- Catch Up Batch approach
- GONG criteria & evidence overview
- Governance strategy during cutover
- LL transition design
- Contingency and disaster recovery scenarios
- Hypercare approach
- Reporting through cutover and go live
- Defining the steady state following cutover

Chair
- Phil Russ - PwC

Inputs
- Agenda to be circulated 4 working days before session
- Accompanying Slides/Materials to be circulated 2 working days before session

Outputs
- Completed minutes and actions to be circulated to attendee list within 1 working day for review and sign off
- Signed off minutes to be completed within 2 working days

Members/ Attendees
- The TPG will be an open forum available to all individuals who can make decisions on behalf of their organisations
- Xoserve - Transition Team & Industry Engagement
- Transition Representatives from:
  - Shippers
  - GT
  - iGTs

Standing agenda
- Action log will be discussed by exception at each session.
- Additional items will be raised on a case by case basis

Escalation route
- Project Nexus Delivery Group (PNDG)

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MTWG TOR

4.2   Project Nexus Governing Bodies: Market Trials Working Group

Frequency

- Fortnightly face to face meetings and ad hoc meetings as required
- MTWG meetings to be aligned to the TPG and PNDG schedule
- MTWG will run until the completion of Market Trials (including regression)

Objectives

- Define the MT regression phase to the required level of detailed as agreed by the PNDG/MTWG. Make relevant updates to MT approach
- Evaluate the market wide impact if MT exit criteria are not met by one or more participants to support decision making at PNSG
- Review market wide themes or 'problems' that arise during Market Trials and pro-actively identify and propose resolution or mitigation actions
- Act as an escalation point where market wide MT risks or issues can not be resolved via escalation to Xoserve
- Tracking the completion of any actions initiated by or assigned to the group to resolve issues.
- Act upon any request or action from the PNSG or PNDG that relates to the Market Trials Phase
- Review and input in to the MT slides that feed the PNDG reporting pack

Actions taken

- Identify and implement resolution actions relating to market wide risks/issues in MT
- Escalation of risks/issues to PNDG

Recommendations to PNDG/PNSG

- Changes to MT Approach
- Impact of MT exit criteria not being met

Chair

- Richard Shilton & Martin Crozier – PwC

Inputs

- MTWG slide pack to be circulated 2 working days before session
- To be re-branded as Ofgem
- MTWG members to hold pre-calls with their constituent groups and raise issues in advance of the meeting where possible

Outputs

- Completed minutes and actions to be circulated to attendee list within 1 working day for review and sign off (including key messages)
- Update Market Trials document including regression
- Signed off minutes to be completed within 2 working days with agreed action completion dates. If no response received agreement is assumed
- MTWG to hold Post-calls to be held with constituents
- Lessons learned

Members/ Attendees

- Xoserve
- The MTWG is a constituency based group (representative model)
  - Large Shippers – Adrian Ackroyd (Npower), Denise Harford (SSE)
  - I&C Shippers - Lisa Cutbill (Dong)
  - Challenger Shippers - Derek Clark (CNG)
  - GT – Robin Howes (NGD), Beverley Viney (NGT) and Jayne Lamb (SGN)
  - iGTs – Katy Binch (ESP) and Jenny Rawlinson (Brookfield)

Standing agenda

- Action log will be discussed at each session.
- Additional items will be raised on a case by case basis
- Risks and issues

Escalation route

- Project Nexus Delivery Group (PNDG)

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DMG TOR

4.2   Project Nexus Governing Bodies: Data Management Group

Frequency

- Monthly face to face meetings
- Frequency increased as required in lead up to cutover
- DMG to be scheduled to feed into PNDG

Objectives

- Manage the data cleanse activities and review migration activities to ensure data migrated to new UK Link is fit-for-purpose, supporting industry requirements, is stable and sustainable, and does not adversely impact customers, by:
    - Discussion of the progress of data acceptance, migration and cleansing activities required to minimise the impact of data discrepancies
    - Identifying and driving data related activities that should be performed by participants or Xoserve to support the controlled operation of the market through transition, cutover and into business as usual operation
- Quantify the impact of data issues, defining and prioritising potential solutions and tracking them to resolution
- Act upon requests or actions from the PNSG or PNDG relating to Data

Decision / Actions taken

- Communications approach
- Transformation rules
- Tactical data cleanse activities
- Quantify the impact of data quality on market activities and objectives
- Migration and data GONG criteria review
- Activities to support sustained improvement in data across the industry

Chair

- John O'Keeffe / Andy Howe - PwC

Inputs

- Agenda and forum materials to be published 2 working days before forum

Outputs

- Completed minutes and actions to be circulated to attendee list within 1 working day for review and comment
- Agreed minutes to be published (via website) within 2 working days

Members/ Attendees

- Xoserve–Data & Migration
- DMG is be an open forum available to data representatives from:
    - Shippers
    - GT
    - iGTs
- Attendees should contribute to the matters arising in the group, ideally
    - in decision-making and/or expert roles
    - with experience of the business processes impacted by data
    - with experience of the data migration phases of projects

Standing agenda

- Data cleanse activities and progress, including discussion of proposed and agreed Transformation Rules (T-Rules)
- Responding to PNDG risks and issues, inputting to governance process
- Data migration activities, progress and agreed subsequent actions
- Additional tactical items will be raised on a case by case basis

Escalation route

- UKLC- Transformation Rule approval
- Project Nexus Delivery Group (PNDG)

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Project Delivery Status Report

Project Nexus as @ 9 Aug 16
Sponsor: Jon Dixon
PMO: Melisa Findlay
End Date: 01 Apr 17 (reporting baseline)

RAG Status	Project Delivery	
Overall	🟠	↔
Xoserve	🟠	↔
Baringa view of Xoserve	⚪	↔
Participants	🟢	↔

Workstream Status: 🟠

Programme Trend: ↔

Since: 05 Aug 16

Project Delivery Background: The Project Delivery Workstream covers Xoserve UK Link Programme Delivery - the development of the new UK Link solution including user acceptance testing and performance testing, and Service Operations - the design and implementation of Xoserve's new and revised service management arrangements. Service Operations includes the implementation of a new service management operating model, training in the new service management arrangements and the design and implementation of post implementation support (including hypercare) arrangements.

Achievements since last PNDG:
- Reports: All of the release 1 SAP BW reports have been tested and deployed into the MT environment. Work continues to enable appropriate reports to be shared with the industry.
- Additional Gains and Losses report and data requirements template has been provided to the industry to support the urgent development of data requirements for regression.
- Performance Integration Testing has been completed with initial positive results.

Upcoming activities:
- Delivery of change release on 31 Aug 16.
- Close out final E2E test cases.
- Commencement of PT stress cycle 2.

Overall RAG Commentary:
The workstream is rated as AMBER.
- This is primarily driven by the delays encountered in Performance Stress Testing activities which is now targeted to complete at the end of September.
- A number of defects have been found which are being investigated and performance tuning activities are underway, where necessary, in order to optimise the system performance for future cycles.

Remediation Action:
The performance testing team is focussing on analysis and defect resolution from cycle 1 in order to allow start of cycle 2 on 22 Aug 16.

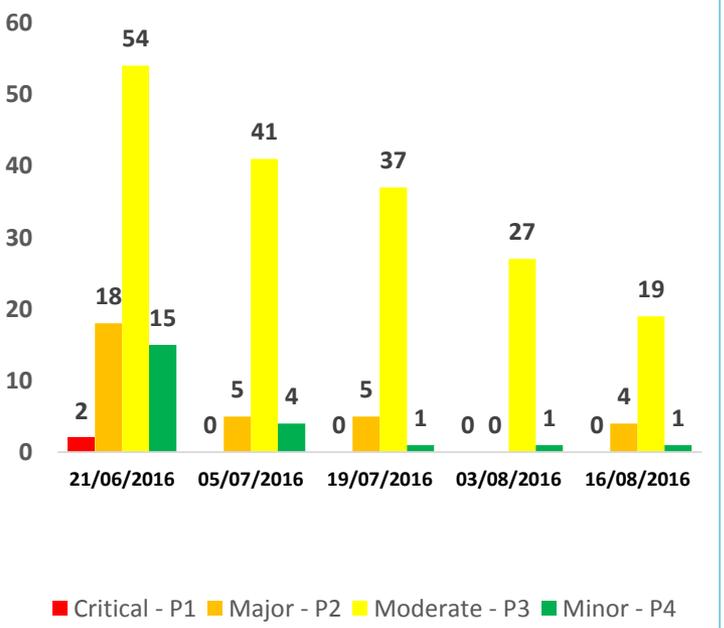ofgem — Making a positive difference for energy consumers

Project Delivery Plan

Today

Month	2016						2017					
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
	04 11 18 25	01 08 15 22 29	05 12 19 26	03 10 17 24 31	07 14 21 28	05 12 19 26	02 09 16 23 30	06 13 20 27	06 13 20 27	03 10 17 24	01 08 15 22 29	05 12 19 26

Activity | **Actions**

Solution Delivery

Remaining functionality delivery

PN2.1 *DUC*
PN2.3 DM SOQ & SHQ
PN2.4 *Gas Owner Act*
PN2.0 *Remaining Functionality Delivered*
PN2.2 *Err/FRJ No*
PN2.5 *AMR Agency Appointments*

NOTE: The following milestone have been entered as placeholders and have not been endorsed through a formal change process:
PN 2.1 DUC, PN2.3 DM SOQ & SHQ, PN2.2 Err/FR No, PN2.4 Gas Owner Act, PN2.5 AMR Agency Appointments

PN4.0 *Nexus Release1.0 Live*

R1 Reports

PN2.6: *BW Reports Release 1*

R2 Delivery

PN2.7: *BW Reports Release 2*

Performance Testing

PN1.0 Performance Testing *Complete*

Gas Day Testing

PN3.0 *Gas Day Testing Complete*

SO1.7: Post go-live defect comms drafted

Service Management

SO1.3: *Service Management Operating Model Defined*
SO1.5: *Future Release Management Comms*
SO1.4: *Service Management operating model implemented*

Post implementation support

SO1.8 *Post go-live Defect Comms agreed*
SO1.6: *Steady State Exit Criteria Defined*
SO 1.1: *Hypercare Approach Agreed*
SO1.2: *PIS Entry/Exit Criteria Defined*

Milestone RAG Key:

△ Industry Milestone — Industry Activity ▪▪▪▪ Contingency △ Complete △ On Track △ Risk to individual milestone(s) △ Risk to go-live △ On Hold ⇒ Slip/expected delay of milestone

Project Delivery - Dashboard

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Aug	Sep	Key Challenges	Actions

Project Delivery

Not completed for this report.

Open Xoserve UAT Defect Status 21 Jun 16 – 15 Aug 16

Legend: Critical - P1, Major - P2, Moderate - P3, Minor - P4

Data by date (P1, P2, P3, P4):
- 21/06/2016: 2, 18, 54, 15
- 05/07/2016: 0, 5, 41, 4
- 19/07/2016: 0, 5, 37, 1
- 03/08/2016: 0, 0, 27, 1
- 16/08/2016: 0, 4, 19, 1

Graph Commentary:

- E2E and core UAT defect rates have dropped as testing comes to a close and defect resolution is now burning down the backlog.

- Continued drop in the overall number of outstanding defects, although the focus of the fix teams has been on MT blocker and MT raised defects.

- A limited number of new defects have been identified in Unique Sites cycle 3 – this is testing with actual data, rather than testing new functionality.

Project Delivery Commentary:

- **Functional:** Thirteen test cases remain in E2E UAT and are progressing. Data issues have been encountered which have slowed progress. Tests are due to complete by the end of August. Unique Sites retesting on migrated data is progressing well.
- **Performance testing:** Integration testing has completed initial positive results. Stress testing continues with Scenarios 1 & 2 having completed and Scenarios 3 & 4 in progress. Delays have been experienced with the end date now projected for the end of September. This impacts the start of Gas Day Testing but has no knock on impact to other activities.
- **Reports:** UAT for all SAP BW reports has been completed and all reports have been deployed into the MT environment. Reports are being created, validated and issued in the MT environment throughout August.
- **Functional Changes:** The File format changes (UKLP IADB179v2 and UKLP IADB185, change pack – 1590) and File Record Amendment M00 v6.3FA (UKLP IADB176, Change Pack 1582.2) due for completion 31Aug 16 remain on track.
- The testing phase on the change for amendment to Baselined File Formats U01, U12, U14 for AMR devices (UKLP IADB182, change pack 1578.3) is being extended to give greater process coverage so the release is being delayed to 09 Sep 16.

Project Delivery - Action Log

Action #	Action	Progress	Owner	Status	Due	Forum
A082	PMO are to review the change control process and check that it is appropriate and being adhered to (This also relates to A069, which requires Xoserve to make sure that all changes are effectively agreed and communicated through the right channel.)	PMO do not believe that PNDG should be responsible for approving every UKLC change. However there is a need provide greater visibility of changes to PNDG members. PMO will ensure governance structure reflects the change control process. Updated governance pack to be published 23 Aug 16 pending the review and approval of the MTWG, DMG and TPG terms of references at PNDG.	Ofgem and PwC	🟥	18 Aug 16	PMO
A085	Xoserve are to provide a summary report of the P1 incident and resolution.	Both documents have been issued.	Xoserve	🟦	22 Jul 16 - file processing P1 03 Aug 16 - data P1	PNDG
A102	The three new ToRs covering MTWG, TPG and DMG are to be presented to the PNDG dated 09 Aug 16 for approval.	ToR are included within this slide deck for PNDG sign-off.	PwC	🟩	23 Aug 16	PNDG

Market Trials Status Report

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Project Nexus as @ 23 Aug 16
Sponsor: Jon Dixon
PMO: Melisa Findlay
End Date: 01 Apr 17 (reporting baseline)

RAG Status	Market Trials
Overall	🟠 ↔
Xoserve	🟢 ↔
Baringa view of Xoserve	⚪ ↔
Participants	🟠 ↔

Workstream Status: 🟠

Programme Trend: ↔

Since: 05 Aug 16

Market Trials Background:

The Market Trials Workstream monitors participant progress through the trials phase reporting fortnightly to the PNDG. The reporting includes progress metrics, defect analysis, risks and issue, and is provided by participant self-assessments on the Nexus Portal, enabling a Market wide view of progress and blockers. The MTWG is a cross programme working group supporting and agreeing changes to the MT approach. Additionally the MTWG is required to provide market input in to any risks or issues that are captured during the phase.

Overall RAG Commentary:

This Workstream is currently rated as AMBER against the current programme reporting plan as the average run-rate in the last period of 2.2% is below that required to achieve a 30 Sept 16 MT completion, which is 4.6%. However, no participants reported a 'red' status for 30 Sep 16 completion, which indicates an increased in confidence that this date can be achieved. Defect numbers have continued to decrease and there has been steady progress against completion of mandatory scenarios.

Activities since last PNDG:

- MT 'Re-think' options workshop and follow-up were held on 9 and 12 Aug 16.
- The latest MT progress submissions were made by Market Participants to the PwC Assurance Portal on 12 Aug 16. Analysis and follow-up calls scheduled.
- MTWG held on 17 August to finalise discussion approach. Follow-up call scheduled for 19 August to analyse MT progress.
- iGT RGMA workshop held on 18 Aug 16. The session covered RGMA process flows and hand-offs, and file format baselines for iGTs.

Remediation Action:

- Actions put in place from the MT Problems Solving session (see action list). These focus on supporting a reduction in the number of open MT defects, which participants continue to report as the main reasons for blocked tests.
- PwC follow-up calls from portal submission to work with participants who have less progress or at risks for 30 Sept 16 to understand current key risks and support the identification of actions to drive increased progress.

Upcoming activities:

- PwC follow-up activities on latest portal submissions – participant follow-up calls and site visits. Work with participants who have shown less progress or are at risk for 30 Sep 16 completion to develop actions plans to address key issues.
- Next MT progress submission due 26 Aug 16. Analysis and follow-up calls performed.
- MTWG on 31 Aug 16 to agree regression approach and continue to monitor MT progress.

MTWG key message: MTWG held on 17 Aug 16. Key messages:

- Best estimate (~95% confidence) of dummy data requirements for regression to be provided to Xoserve by 19th August 2016.
- MTWG have proposed additional sub-processes within mandatory scenarios to validate specific key functionality is being tested.
- Confirmation required as to whether formula AQ is in scope for MT and Nexus given the current approved CR in UKLC
- Proposed regression approach revised and in the process of being drafted for wider review.

Decisions

#	Decision	Status	Due Date	Areas of Programme Affected	Comments	Outcome
D006	The MTWG have proposed additional sub-processes within mandatory scenarios to validate specific key functionality is being tested. It is proposed that these are not formally included in the mandatory scenario list however, they will be distributed as an advisory note.	🟢	23/08/16	Market Trials	PNDG need to review next slide and agree that the scenarios are not formally included but are sent as an advisory note.	

Market Trials – Mandatory Scenarios

The following are scenarios the MTWG are proposing to add to the mandatory check list.

Items Requested but not included	Reasoning
Theft of Gas	Out of scope as the process has not changed in CMS
Gemini : Telemetered sites	Out of scope as Gemini is not linked to MT environment
Invoice reconcilaitionprocess (QMP, QMR, QCL, QEX, QMJ)	There are no format changes to these files and CMS functionality has not changed. CMS is not connected to the MT IX so these fields cannot flow. QMP files can be uploaded to CMS via bulk up-load and rejections seen on-line QCL and QEX are not active for MT due to no IX link and the IX issue cannot be fixed as it would impact Production

Scenario Level 3 Ref	Criticality	Description	Comments
7.9		Confirmation - confirmation accepted - withdrawal notice recevied by incumbent shipper - objection received and removed - no confirmation cancellation issued - confirmation period expires - TOO complete for Unique Sites	Addition
7.10		Confirmation - confirmation accepted - withdrawal notice recevied by incumbent shipper - no objection - TOO complete - where AMR is installed	Addition
8.8		Asset Update from another Supplier	Addition
14.7		Capacity Reduction (allowed in 1st Oct to 31st Jan period)	Addition
15.8		Annual AQ Update from Xoserve (Formula Year AQ)	Addition
		AQ correction - Market Breaker	Addition
		AQ Calaculation checks	Addition
15.9		EUC change	Addition
21.3		LPA Factor file	Addition
21.4		Weather files	Addition
23.5		CDJOB - meter works nptice to BGB re connection / disconnection	Addition
29	C2	Faulty Meter & Check Read	Addition
29.1		Faulty Meter in MIN file	Addition
29.2		Check read in MIN file	Addition
29.3		Check read notification in New Connection	Addition
29.4		Check read notification in TOO	Addition
15.7		Rolling AQ Update from Xoserve	Addition - but is this a duplicate of 15.1 ?
13.9		Generic organisational amendment using AMR Service Privder Codes which will be used in Production	Addition : Not sure if this is possible

MT dashboard

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Project Nexus PwC portal Submission Date: Friday 12 August

Participant self assessment RAG status to 30 Sep 16

0 ⬌ 11 ⬆
21 ⬆ 0 ⬇
11 ⬇
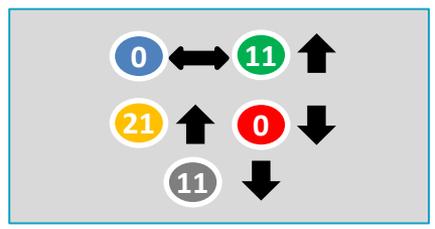
Xoserve defect and query volumes

	Current Open	Open last period
Defects	58	86
Queries	25	75
Int Defects	98	

Invalid defect volume

45%

Of defects raised in last two weeks related to invalid defects.
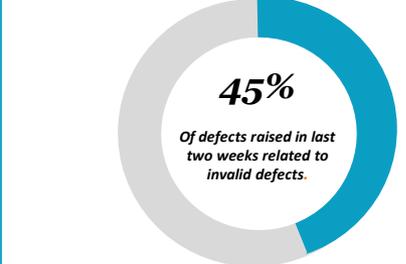
Defect prioritisation

	Last week
No. Submissions	11
Priority defects resolved	9

n (red)	Number of participants reporting behind test schedule and unlikely to complete in timeframe
n (yellow)	Number of participants reporting off track but remediation activities will support completion in current timeframe
n (green)	Number of participants rating on track with test schedule
n (blue)	Number of participants reported to have completed test schedule
n (grey)	Number of participants that did not supply information

Run Rate Analysis

- The average run rate across all participants declined from 4.7% to 2.2% for this period.
- This has fallen behind the average run rate required to compete by 30 Sep 16 which is 4.6%.
- Using individual participant run-rates to predict the outturn position at end of September indicates that 61% of AQ will complete by end of September and a further 7% of AQ will be at greater than 90% complete.
- Care must be taken in interpreting run-rates as historically they can vary significantly period to period.
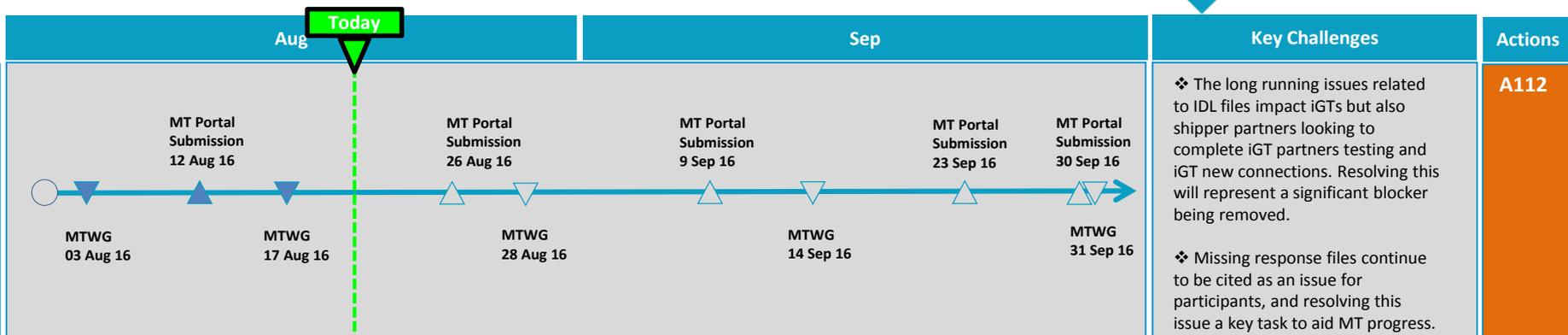
Scenario Analysis

- 9 Participants have a pass status for 10 or more scenarios and at least 2 participants have passed each scenario
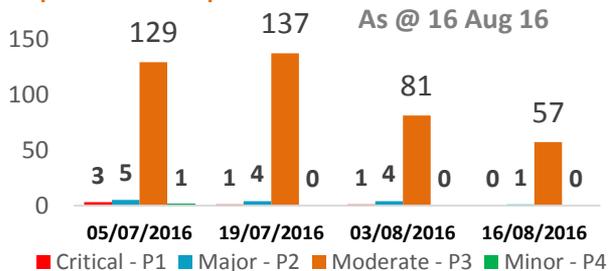- Scenarios 8, 9, 11, 15 and 21 have the most participants blocked (5 each)

Top 3 Scenarios	No. Passed
SC2 – Nominations	15(24)
SC3 – Confirmations	15(21)
SC4 - Objections	10(20)

Bottom 3 Scenarios	Blocked/ Failed
SC8 – Asset Update	5(23)
SC9 – Read upload	5(21)
S115 – AQ Calculation	5(22)

- Run rate has decreased however, no participant is reporting as 'Red' for 30 Sep 16 completion date.
- 3 Large Shippers are reporting as being blocked in over 8 of the mandatory scenarios.
- Resolution of blocking defects remains the most common issue reported by participants. Analysis is ongoing to assess whether there are new themes.
- There are ongoing issues related to portfolio reports (IDL/IQL and EDL/EQL) which are blocking testing for iGTs and their MT partners. This is captured as an action in the PNDG reporting pack.
- iGT RGMA baseline file formats and the iGT new connection process remain an issue. These items will be covered in the iGT task force session on 18 Aug 16.

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Market Trials Progress

Market Trials

Today

Aug

MT Portal Submission 12 Aug 16

MT Portal Submission 26 Aug 16

Sep

MT Portal Submission 9 Sep 16

MT Portal Submission 23 Sep 16

MT Portal Submission 30 Sep 16

MTWG 03 Aug 16

MTWG 17 Aug 16

MTWG 28 Aug 16

MTWG 14 Sep 16

MTWG 31 Sep 16

Key Challenges

❖ The long running issues related to IDL files impact iGTs but also shipper partners looking to complete iGT partners testing and iGT new connections. Resolving this will represent a significant blocker being removed.

❖ Missing response files continue to be cited as an issue for participants, and resolving this issue a key task to aid MT progress.

Actions

A112

Open # of Participant Raised Market Trial Defects
As @ 16 Aug 16

	05/07/2016	19/07/2016	03/08/2016	16/08/2016
Critical - P1	3	1	1	0
Major - P2	5	4	4	1
Moderate - P3	129	137	81	57
Minor - P4	1	0	0	0

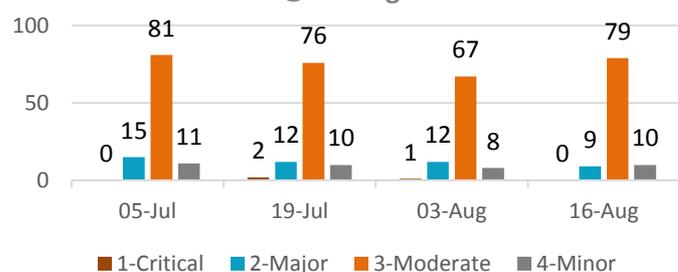- Critical - P1 ■ Major - P2 ■ Moderate - P3 ■ Minor - P4

External Graph Commentary:
- Continued decrease in the open defects. We are starting to see a reduced number of externally raised defects.
- These numbers include 17 logged defects which require an internal CR to progress or which are fixed and at Release Deployment Board for Approval.
- Note that Xoserve treat all Top 20 prioritised defects as P2, even if they do not meet the P2 criteria.
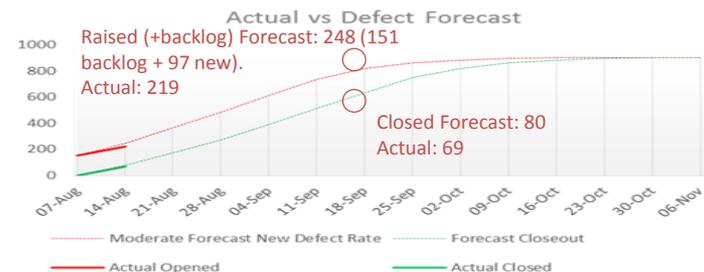
Actuals vs Defect Forecast Commentary:
- Burndown assumes a relatively conservative (with built in contingency) forecast for future defects constructed based on:
  - Historical trend analysis and past MT defect rates
  - PwC MT progress report and an assumed close of 'Core MT' by the end of September with a month of defect fixes in October
  - Remaining internal UAT estimates
- The closure rate is also based on historical trend analysis, fix and Xoserve re-test team capacity, the deployment tracker and historic average closure times. It also assumes that the current capacity for fixes is maintained to the end of October.
- The forecast includes functional defects (and estimates from phases that may generate such defects), but not Performance Test or Data Migration related new defects as these typically follow a different fix and closure process.
- Current forecast shows the closure of critical and high priority defects prior to the end of Oct with a small number of lower priority defects closing early Nov – Current forecast shows the closure of critical and high priority defects prior to the end of Oct.

Open # of Internal Raised Market Trials Defects
As @ 16 Aug 16

	05-Jul	19-Jul	03-Aug	16-Aug
1-Critical	0	2	1	0
2-Major	15	12	12	9
3-Moderate	81	76	67	79
4-Minor	11	10	8	10

■ 1-Critical ■ 2-Major ■ 3-Moderate ■ 4-Minor

Internal Graph Commentary:
- Note that these include defects which may not be Market Trial impacting.
- These figures are included in the burn down chart.
- There has been a focus on critical and major (higher priority) defects which have seen a drop.
- There may be some overlap between internal and externally raised defects.
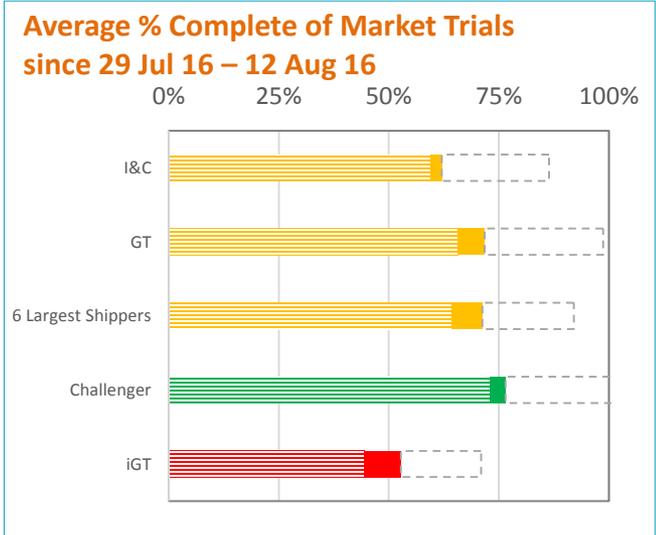
Actual vs Defect Forecast

Raised (+backlog) Forecast: 248 (151 backlog + 97 new). Actual: 219

Closed Forecast: 80 Actual: 69

Moderate Forecast New Defect Rate — Forecast Closeout — Actual Opened — Actual Closed

Market Trials- Progress

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Key

- **On Track** (green)
- **Behind required run rate to complete by 30 Sep 16** (yellow)
- **Significantly behind required run rate to complete by 30 Sep 16** (red)
- **Projected 30 Sep completion based on avg run rate** (dashed outline)
- **Progress at 29 Jul 16 submission** (grey)
- **Progress at 15 Jul 16 submission** (striped)

Average % Complete of Market Trials since 29 Jul 16 – 12 Aug 16

(Bar chart with categories: I&C, GT, 6 Largest Shippers, Challenger, iGT; axis 0% 25% 50% 75% 100%)

Graph Commentary:

- The graph shows the overall test completion averages broken into the 5 industry groups, including the gain in overall completion since the last submission.
- Average progress was weaker in this period compared with the last. The iGT group posted the strongest gain of 8% but remain significantly behind other groups. I&Cs gained the least at 2.5%.
- Key reasons for the slower progress include ongoing issues with portfolio files, which impact partnering and L4 testing, and as yet unresolved challenges around RGMA.
  - Issues related to iGT portfolio files, specifically the IDL/IQL files, are still causing problems for iGTs and are hampering the progress of iGTs.
  - Specifically and their partners, meaning that CoS scenarios involving iGTs have not been progressed.

Key

- **n** (red): Number of participants reporting behind test schedule and unlikely to complete in timeframe
- **n** (yellow): Number of participants reporting off track but remediation activities will support completion in current timeframe
- **n** (green): Number of participants rating on track with test schedule
- **n** (blue): Number of participants reported to have completed test schedule
- **n** (grey): Number of participants that did not supply information

| Participant	Status					Comments as of 12 Aug 16	Actions	Owner
6 Largest Suppliers	0	1	5	0	0	**Key Messages (based on submissions up to 12 Aug 16):** • Positive RAG reflecting the fact participants are on track to complete are dependent on Xoserve delivering fixes to some of the known issues and blockers. • Additional P1 incidents and/or new blocking issues would put Green and Amber RAG statuses at risk, which would ultimately threaten the 30 Sept. target end date. • iGT new connection testing has not progressed a result of confusion around RGMA flows and some shippers are having to employ workaround to progress any testing. • There have been delays in the delivery of some files, including certain invoice files and the NRL annual AQ update file which directly impacts industry scenario 15 (AQ calculations), with no confirmed new delivery dates yet shared.	**A111, A112, A113, A114, A116, A117, A118, A119, A120, A121, A122**	Various parties
I & C	0	2	7	0	4			
Challenger	0	5	3	0	6			
GTs	0	3	2	0	0			
iGTs	0	0	4	0	1			

Market Trials – Scenario Progress

Key Messages (updated 16 Aug 16):

• 4 of 21 scenarios are not Blocked or Failed by a single participant, and 6 scenarios are only Blocked or Failed for one participant. These figures are worse than reported after the last submission. However, this is likely due to 28 organisations providing an updated mandatory scenario tracker, rather than only 22 last time, providing a more detailed view of progress.
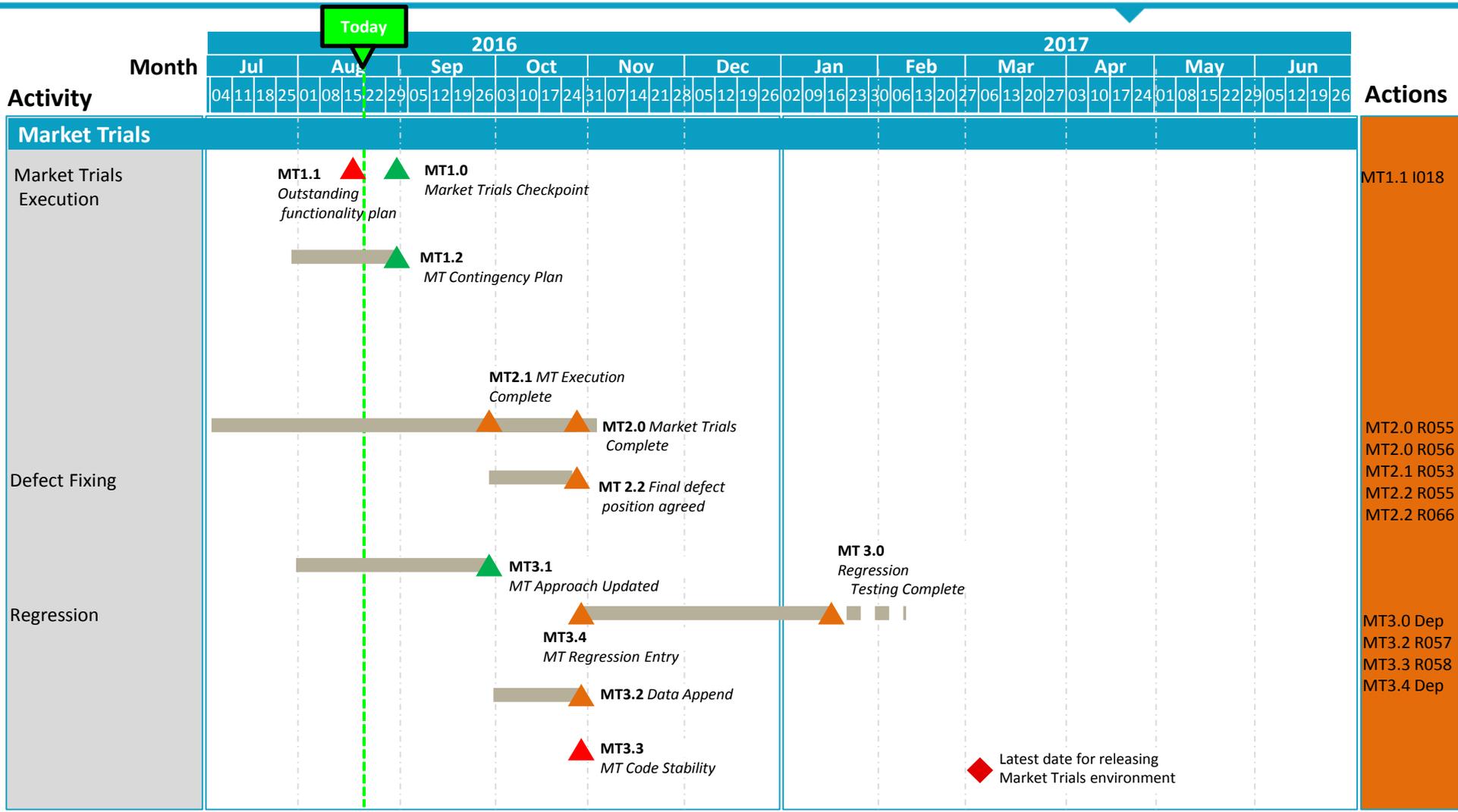
Updated 16 Aug 16

• Scenarios 8, 9, 11, 15 and 21 have the most participants blocked (5 each),

• Sub-scenarios 11.3, 21.1 and 15.1 were Blocked or Failed by 4 or more participants.

• Majority of Blocked or Failed scenarios due to defects or data issues. These defects will be highlighted to Xoserve before and during the prioritisation call.

• 9 participants have Passed 10 or more scenarios, compared to 4 at the previous submission.

• Participants had an average of 6.5 scenarios Passed, compared to only 4.9 in the previous submission.

Legend: ■ Pass ■ In Progress ■ In Progress (Blocked / Failed) ■ Not Started ▨ Not Applicable
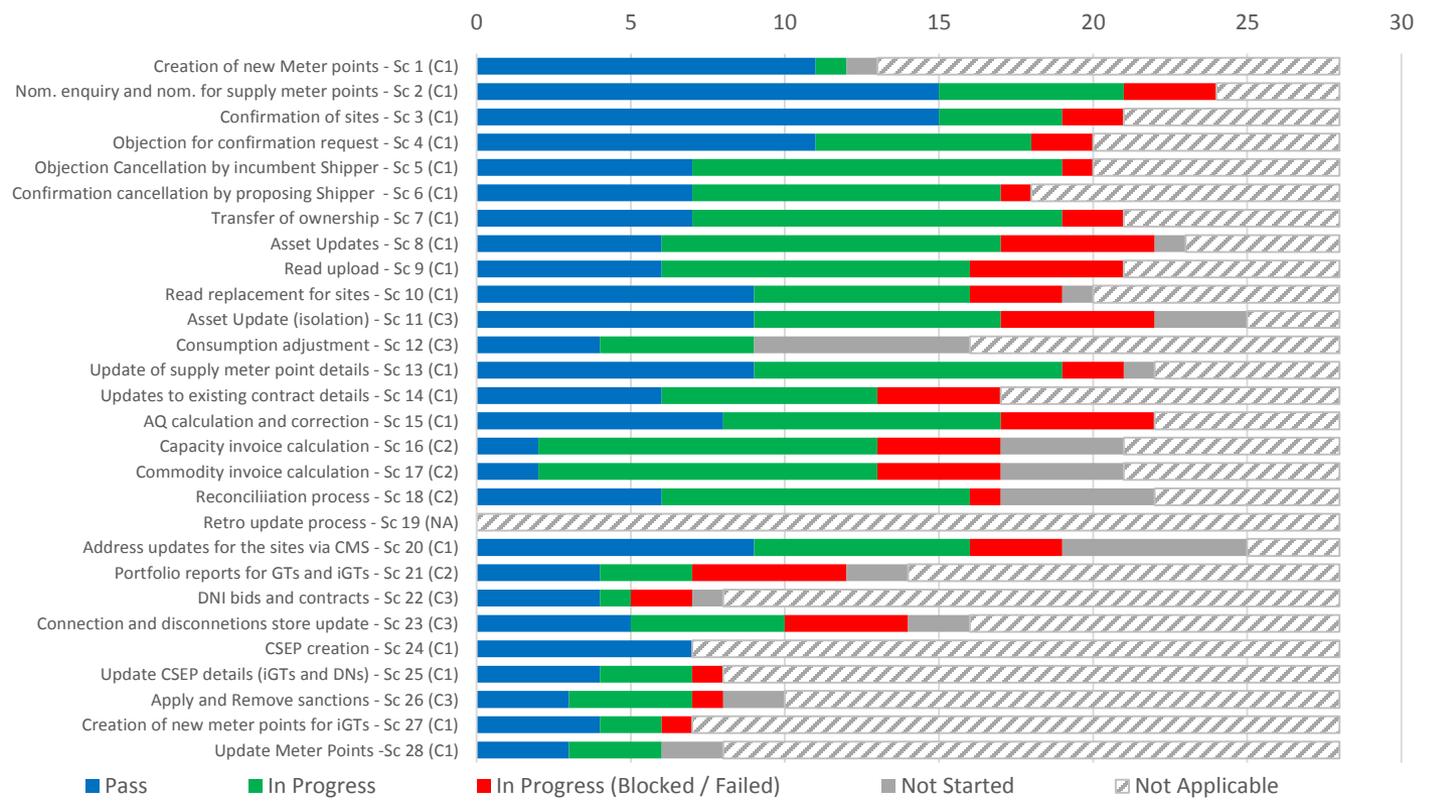
Note: Blocked refers to a scenario that cannot be progressed due to various factors e.g. blocking defects, partnering coordination, data quality issues.

Market Trials Plan

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Market Trials Plan Gantt chart.

Today

2016 | **2017**

Month: Jul, Aug, Sep, Oct, Nov, Dec, Jan, Feb, Mar, Apr, May, Jun

Market Trials

Activity | **Actions**

Market Trials Execution

MT1.1 *Outstanding functionality plan*

MT1.0 *Market Trials Checkpoint*

MT1.2 *MT Contingency Plan*

MT1.1 I018

Defect Fixing

MT2.1 *MT Execution Complete*

MT2.0 *Market Trials Complete*

MT 2.2 *Final defect position agreed*

MT2.0 R055
MT2.0 R056
MT2.1 R053
MT2.2 R055
MT2.2 R066

Regression

MT3.1 *MT Approach Updated*

MT 3.0 *Regression Testing Complete*

MT3.4 *MT Regression Entry*

MT3.2 *Data Append*

MT3.3 *MT Code Stability*

Latest date for releasing Market Trials environment

MT3.0 Dep
MT3.2 R057
MT3.3 R058
MT3.4 Dep

Milestone RAG Key:

Industry Milestone | Industry Activity | Contingency | Complete | On Track | Risk to individual milestone(s) | Risk to go-live | On Hold | Slip/expected delay of milestone

Market Trials Risk & Issues Log

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Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
★ New **I018:** A number of outstanding elements of functionality (DUC, ERR/FRJ No, DM SOQ and SHQ, Gas Owner Act, AMR Agency Appointments) have been identified as key for MT completion. However, if (or when) these changes will be delivered is still to be confirmed.	Market Trials *Milestone Affected: MT1.1 Outstanding Functionality Plan*	**16** *Current Rating: Impact: (3) Priority: (4)*	TBC	1) **A117:** Industry participants to review the 'single version of the truth' and provide responses over the impact of the current delivery dates. Schedule a workshop to review all open design decisions, outstanding functionality and change requests and agree the impact on MT timelines.	1) **Update following 12 Aug 16:** WebEx held and submission received from 7 participants. Agreed to provide for further round of input by 16 Aug 16. Next workshop is to be held on 22 Aug 16 with review by Ofgem and update to be provided to PNDG on 23 Aug 16.	1) Participants and PwC

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Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
New R055: Risk that the exit criteria for MT cannot be met because there isn't enough time to fix the defects that are identified as required during the 1 month defect fix period between MT2.1 *MT Execution Complete* and MT2.0 *Market Trials Complete*. During this period there is also the need to load additional dummy data for regression testing (MT3.2 *Data Append*). This activity creates parallelism that could disrupt defect fixing and retesting.	Market Trials *Milestone Affected: MT2.0 Market Trials Complete and MT 2.2 Final Defect Position Agreed*	**12** *Current Rating:* Likelihood: (3) Priority: (4)	19 Aug 16 26 Aug 16 01 Sep 16	1) **A107:** Market Participants to confirm detailed data requirements for regression via the MTWG representatives. **New A129:** Xoserve to develop a forward projection of the number of defects that will be fixed within the defect fix period. **New A130:** Xoserve to consider (A107) and (A129) and determine whether or not 1 month is likely to be sufficient to fix defects and conduct data append. If it's not sufficient, then Xoserve are to propose further mitigations.	1) **Update following MTWG 17 Aug 16:** Participants will provide their requirements by 19 Aug 16. Only minor refinements to these will be allowed up to 26 Aug 16. 2) Complete. New burndown projection provided in 23 Aug 16 PNDG pack.	1) Market Participants 2) Xoserve 3) Xoserve

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Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
New **R056:** Risk that it is not possible to compile an agreed position on which defects will and will not be fixed by MT2.2 *Final defect position agreed* and therefore which defects will be carried forward into regression and go-live. This is because there is currently no categorisation criteria or process defined to do this. The position needs to be agreed by the start of the defect fix period (October).	Market Trials *Milestone Affected: MT2.0 Market Trials Complete and MT 2.2 Final Defect Position Agreed*	**12** *Current Rating:* Likelihood: (3) Priority: (4)	31 Aug 16 TBC	1) **A123:** Xoserve are to undertake a review of P3 defects to identify any that do not need to be fixed for go-live. Agree these with the market participants. **New** **A131:** Propose criteria and process for determining whether defects should be fixed or not.	1) Initial P3 prioritisation completed at end of July but these P3's have now been resolved. Working with PwC to agree whether Xoserve only focus on those in the priority list.	1) Xoserve 2) Xoserve and PwC

Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
R053: The reporting baseline shows market trials scheduled to be complete at the end of September. There is a risk that the programme will fail to exit market trials by this time.	Market Trials *Milestone Affected: MT2.1 MT Execution Complete*	**12** *Current Rating:* *Likelihood: (4)* *Impact: (3)*	Ongoing through August	1) All participants to continue to press ahead with market trials. 2) **A104 to A123:** Follow through on the tactical improvement actions agreed at the PNSG. 3) Continue to monitor market trials progress from participant portal submissions, defect management calls and bi-lateral discussions with Xoserve and participants. 4) Investigate potential contingency options to be triggered should progress not improve during August.	1) In progress. 2) See planned confidence actions at the beginning of the pack. 3) In progress. The last portal submission took place on 12 Aug 16. It contained updates from 32 out of 43 participants and reflected a 4% gain in overall progress since 29 July 16. The number of open MT defects has also continued to fall. 4) Discussed at MT Re-Think workshop on 09 Aug. Will be reviewed at MTWG on 17 Aug.	1) Participants 2) Various (see individual actions) 3) PMO 4) PMO

Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
New **R057:** Risk that there isn't enough time for Xoserve to complete load of additional dummy data for regression testing. Because of (a) the volume and nature of the additional data required is not yet defined and (b) there is only 1 month to load the data. During this period there is also the need to fix and re-test defects prior to regression. This activity creates parallelism that could disrupt defect fixing and retesting.	Market Trials *Milestone Affected: MT3.2 Data Append*	**12** *Current Rating: Likelihood: (4) Impact: (3)*	19 Aug 16 26 Aug 16 01 Sep 16	1) **A107**: Participants to provide regression test data requirements. **New** **A129:** Xoserve to forward project number of defects to be fixed in the defect fix period. **New** **A130**: Xoserve to consider (A107) and (A129) and determine whether or not 1 month is likely to be sufficient to fix defects and conduct data append. If it's not sufficient, then Xoserve are to propose further mitigations.	1) **Update following MTWG 17 Aug 16:** Participants will provide their requirements by 19 Aug 16. Only minor refinements to these will be allowed up to 26 Aug 16. 2) Complete. New burndown projection provided in 23 Aug 16 PNDG pack	1) Market Participants 2) Xoserve 3) Xoserve

Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
New ★ R058: Risk that code stability will not be achieved because a) the definition of code stability is yet defined, b) there may not be sufficient time to meet the definition.	*Milestone Affected: MT3.3 MT Code Stability*	**16** ***Current Rating:*** *Likelihood: (4) Impact: (4)*	01 Sep 16	**New ★**), **A132**: Xoserve to a) define what is meant by code stability b) Propose a time table for attaining code stability and c) Have these reviewed by PNDG.		1) Xoserve

Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
New R054: There is a risk that iGTs will not be able to complete market trials before the end of September. iGTs have shown slow progress in carrying out tests due to portfolio reports containing both inaccurate data and data gaps. This has a direct impact on both the market being able to fully sign off end-to-end Market Trials Mandatory Scenarios and iGT invoicing. iGTs are unable to exit Market Trials until confidence is provided that these problems have been resolved.	Market Trials *Milestone Affected: MT2.1 MT Execution Complete*	**15** *Current Rating:* Likelihood: (5) Impact: (3)	TBC	**New A133:** Xoserve have taken iGT portfolio defects off the weekly prioritisation list due to these being looked at by a dedicated task force. a) Xoserve to confirm if the IDL is able to catch up past the current D-1BD should the generation schedule fail (failed first due to P1 on 23/06, turned off a second time by Xoserve on 24/07 with no prior notification given to iGTs and without the knowledge that it would be able to catch up) b) Xoserve to confirm if the current data has been reloaded into the IIL/IQL database and the mechanism to pull and store accurate data from the MT environment has been fixed (defect number 545476)		1) Xoserve

Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
I017: As a result of iGTs implementing RGMA solutions aligned to an iGT file format catalogue (and not the Nexus baseline file format catalogue), some participants have been unable to complete RGMA testing, because not all the expected mandatory fields are included in the iGT files. In addition, not all participants have been able to use the IX solution because they are unable to distinguish between test files and the live files and are not clear on how the end to end transfer or file naming conventions work. This has led to further delays in the completion of Market Trials, which hinders overall progress in the project. Note: Links to R030 and R051	Market Trials *Milestone Affected:* *MT2.1 MT Execution Complete*	**12** ***Current Rating:*** *Impact: (3)* *Priority: (4)*	18 Aug 16 11 Aug 16	1) **A112:** Hold initial RGMA task force to scope the issue, identify causes and develop an action list with due dates and accountabilities (this will include a discussion about iGT RGMA baseline issue). 2) **A128:** Forward link for iGT file formats catalogue to PMO	1) **Update following 12 Aug 16:** Representatives from ES Pipelines and Brookfield have agreed to facilitate this session. Volunteer from shippers still being sought. 2) Complete. Please see link for iGT RGMA Guidance document below. http://www.igt-unc.co.uk/iGT+UNC+and+Related+Documents/iGT+RGMA+Guidance	1) PwC and participants 2) Brookfield Utilities

Market Trials – Action Log

Action #	Action	Progress	Owner	Status	Due	Forum
A125	Raise risk on iGT progress in MT and ensure complete list of actions are captured.	Complete and included as R054 presented in this PNDG pack.	PwC		12 Aug 16	PNDG
A126	Include analysis of where participants have 'not started' scenarios in next PNDG pack. This is to understand blockers.	Update to be provided at the PNDG.	PwC		23 Aug 16	PNDG
A128	Forward link for iGT file formats catalogue to PMO.	Complete. Please see link for iGT RGMA Guidance document below. http://www.igt-unc.co.uk/iGT+UNC+and+Related+Documents/iGT+RGMA+Guidance	Brookfield Utilities		11 Aug 16	PNDG
A129	Xoserve to develop a forward projection of the number of defects that will be fixed within the defect fix period.	Complete. New burndown chart projection provided in 23 Aug 16 PNDG pack	Xoserve		TBC	PMO
A130	Xoserve to consider (A107) and (A129) and determine whether or not 1 month is likely to be sufficient to fix defects and conduct data append. If it's not sufficient, then Xoserve are to propose further mitigations.		Xoserve		01 Sep 16	PMO
A131	Xoserve to propose criteria for determining whether defects should be fixed or not		Xoserve		TBC	PMO
A132	Xoserve to a) define what is meant by code stability b) Propose a time table for attaining code stability and c) Have these reviewed by PNDG.		Xoserve		01 Sep 16	PMO

Market Trials - Action Log

Action #	Action	Progress	Owner	Status	Due	Forum
A133	Xoserve have taken iGT portfolio defects off the weekly prioritisation list due to these being looked at by a dedicated task force. Xoserve to confirm if: a) The IDL is able to catch up past the current D-1BD should the generation schedule fail (failed first due to P1 on 23/06, turned off a second time by Xoserve on 24/07 with no prior notification given to iGTs and without the knowledge that it would be able to catch up) b) Current data has been reloaded into the IIL/IQL database and the mechanism to pull and store accurate data from the MT environment has been fixed (defect number 545476).		Xoserve		TBC	PNDG

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Data Status Report

Project Nexus as @ 15 Aug 16
Sponsor: Jon Dixon
PMO: Melisa Findlay
End Date: 01 Apr 17 (reporting baseline)

RAG Status	Market Trials
Overall	🔴 ↔
Xoserve	🔴 ↔
Baringa view of Xoserve	⚪ ↔
Participants	🟢 ↔

Workstream Status: 🔴

Programme Trend: ↔

Since: 05 Aug 16

Data Background: The Data Workstream is focussed on delivering the management and execution of robust data sourcing, mapping, transfer, reconciliation and validation activities required to cleanse and migrate data to the new SAP solution. Rigorous tried and tested processes and methods are required across all areas in order to underpin and deliver a successful migration solution.

Achievements since last PNDG:
- Delta NED TC2 ETL complete and validation expected to complete 19/08 as per plan
- Unique Sites UAT Cycle 3 Data Load complete
- MT T-Rule Analysis complete
- iDR prep extraction activities commenced.

Upcoming activities:
- Confirming with iGT's level of new iGT – Shipper – Xoserve reconciliation which will be applied to all 01 Sep 16 iGT data extracts and submissions.
- Confirming iGT's Ways of Working document content.
- Completion of Delta NED TC2 validation.
- Implementation of high priority delta defects to iDR prep.
- Commencement of IDR1 Prep transform and load activities.
- Completion of 'root cause analysis' for all open iGT data defects.

Overall RAG Commentary:
The Data workstream is currently rated as RED, due to three items:

- Although Delta NED TC2 validation is due to complete as planned by 19 Aug 16, risk is related to resources to resolve defects in time for Delta Load for IDR1.
- IGT bulk transfer – need to resolve ability for shippers to reconcile between iGT and Xoserve data.
- Design of migration approach for some in-flight transaction classes (not high volume) needs to be completed.

Remediation Action:
- PwC and Xoserve to work on critical metrics for successful data migration to prioritise defect resolution.
- Continued focus on defect resolution for Delta Load and IGT resolution and assess need for additional resources to ensure delta is ready for IDR1.
- Implementation of new iGT – Shipper – Xoserve reconciliation process.
- Risk assess and prioritise remaining In-flight transactions and assess need for workarounds.

Data Workstream Plan

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Source: PwC

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Data Progress

Aug	Sep	Key Challenges	Actions

Today

Data

Not completed for this report.

Data Bulk Defect Position as of 15 Aug 16

Bar chart data:

Date	With Delivery Team Awaiting Fix	Defect Fixed Awaiting Dataload	Awaiting Retest	Rejected
05/07/2016	30	4	2	0
19/07/2016	48	4	1	0
01/08/2016	45	7	1	3
15/08/2016	24	14	1	0

■ With Delivery Team Awaiting Fix ■ Defect Fixed Awaiting Dataload

■ Awaiting Retest ■ Rejected
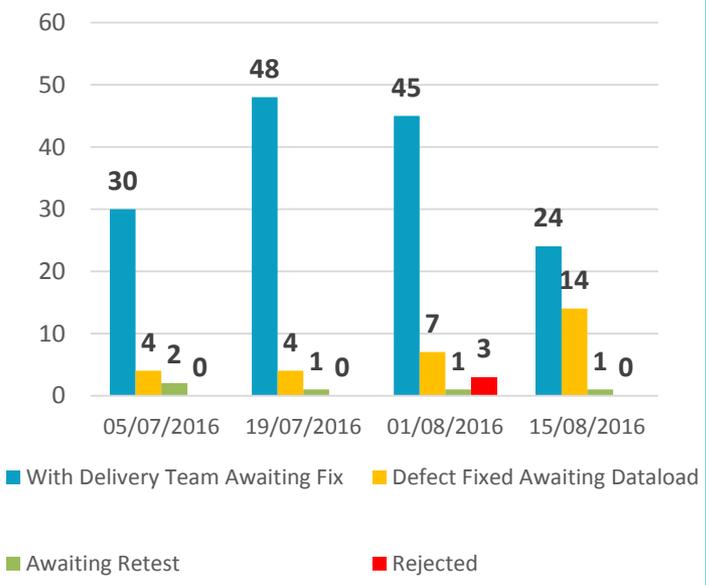
Graph Commentary
- Bulk defect root cause analysis has identified a number of duplicate issues which has seen a reduction in the number of defects requiring fixes to be introduced prior to Bulk Load
- Reduction in defects which reside with the Data Delivery Team pending resolution.
- Increase of fixed defects awaiting the next data load release.

Project Delivery Commentary:
- Work stream re-planning in-progress with preferred re-plan option including the need for a new bulk load.
- IDR1 preparation activity underway in order to ensure IDR1 entry date of 19 Sep 16.
- Delta NED TC2 load complete, with validation in-progress and forecast to complete to-plan on Friday 19 Aug 16.
- iGT data has a continued focus on the root cause analysis of all known open iGT defects with further test cycles now planned before IDR1.
- Re-plan analysis, via MT dataset profiling, completed in relation to all data quality T-Rules agreed with industry since the original MT data cut.
- MT Data append assumed to be minimal and executed during the defect resolution period, however, this could have an impact on defect resolution. The detail and length of the append cannot be analysed until the data requirements have been clearly articulated by the industry, however, discussions at MTWG have agreed the use of dummy data.

Data Action Log

Action #	Action	Progress	Owner	Status	Due	Forum
A103	PwC to arrange to have DMG complete a review of the impact of the transformation rules.	In progress.	PwC		31 Aug 16	PNSG
A127	Ensure future versions of the plan include post-implementation releases (target for inclusion of v0.3 of plan).	In progress.	PwC/Xoserve		25 Aug 16	PNDG

Transition Status Report

Project Nexus as @ 23 Aug 16
Sponsor: Jon Dixon
PMO: Melisa Findlay
End Date: 01 Apr 17 (reporting baseline)

RAG Status	Market Trials	
Overall	●	↔
Xoserve	●	↔
Baringa view of Xoserve	●	↔
Participants	●	↔

Workstream Status: ●

Programme Trend: ↔

Since: 05 Aug 16

Transition Background: The Transition Workstream covers the activities required to move the new UK Link solution into production environment and business as usual. The workstream covers the Xoserve activities associated with implementation dress rehearsals, cutover planning, execution, and the key activities and deliverables required. This is to allow market participants to plan and execute the cutover and transition of their own systems and be in a position to participate in the market with the new solution.

Achievements since last PNDG:
- 09 Aug 16 – The draft Industry Transition Prep document has been updated and issued out to industry for comment.
- 09 Aug 16 – The draft Transition Plan based on the reporting baseline has been created and is now pending confirmation of the final plan, expected 22 Sep 16.
- 11 Aug 16 – TPG Contingency Planning sub-group met and identified contingency scenarios that could occur during the 21 day cutover window. These are to be presented to a future PNDG for endorsement.
- 16 Aug 16 – A review of draft documentation issued has been undertaken by the TPG to define upcoming activities for the next TPG to address.

Upcoming activities:
- 18 Aug 16 – Scheduled contingency planning workshop to develop a draft playbook.
- 30 Aug 16 – TPG to complete the following:
    - Updates on the progress of individual sub-groups.
    - Sign-off of the final Industry Transition Prep document.
    - Establish a communication sub-group to draft material.

Overall RAG Commentary:
The workstream is rated as AMBER.
This is driven primarily by the confidence in the delta data migration process which has not yet been proven. This may have a dependency on the commencement of iDR phase 1.
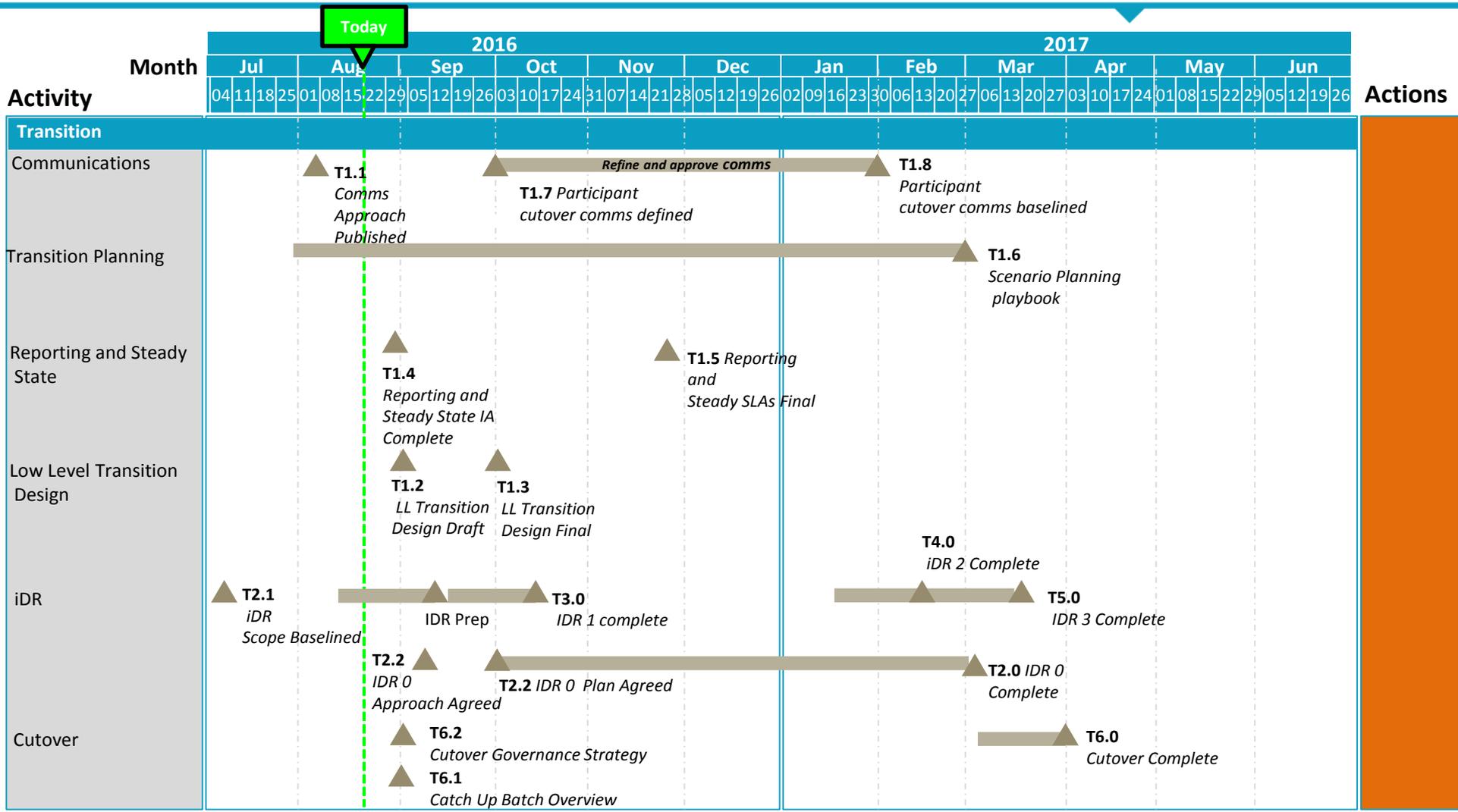
Remediation Action:
Completion of the delta data migration TC2 validation.
Prioritisation of the delta data fixes required for iDR prep and iDR1 migration loads.

To further build confidence levels, completion of IDR 1 (due mid Oct) and the associated confidence checkpoints (NED Checkpoint and Delta Checkpoint) are required. This will build confidence in the cutover strategy and plan.

Transition Workstream Plan

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Today

Month	2016						2017					
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
	04 11 18 25	01 08 15 22 29	05 12 19 26	03 10 17 24 31	07 14 21 28	05 12 19 26	02 09 16 23 30	06 13 20 27	06 13 20 27	03 10 17 24	01 08 15 22 29	05 12 19 26

Activity — **Actions**

Transition

Communications
- **T1.1** Comms Approach Published
- Refine and approve comms
- **T1.7** Participant cutover comms defined
- **T1.8** Participant cutover comms baselined

Transition Planning
- **T1.6** Scenario Planning playbook

Reporting and Steady State
- **T1.4** Reporting and Steady State IA Complete
- **T1.5** Reporting and Steady SLAs Final

Low Level Transition Design
- **T1.2** LL Transition Design Draft
- **T1.3** LL Transition Design Final

iDR
- **T2.1** iDR Scope Baselined
- IDR Prep
- **T3.0** IDR 1 complete
- **T4.0** iDR 2 Complete
- **T5.0** IDR 3 Complete
- **T2.2** IDR 0 Approach Agreed
- **T2.2** IDR 0 Plan Agreed
- **T2.0** IDR 0 Complete

Cutover
- **T6.2** Cutover Governance Strategy
- **T6.1** Catch Up Batch Overview
- **T6.0** Cutover Complete
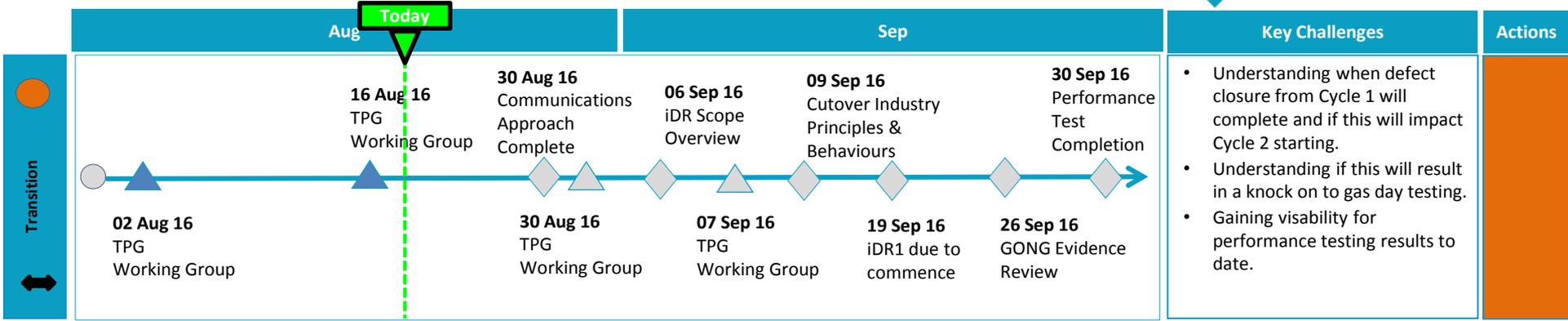
Milestone RAG Key:
- ▲ Industry Milestone
- ▬ Industry Activity
- ▭ Contingency
- ▲ Complete
- ▲ On Track
- ▲ Risk to individual milestone(s)
- ▲ Risk to go-live
- ▲ On Hold
- ⇒ Slip/expected delay of milestone

Transition Dashboard

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Transition

| Aug | Sep | Key Challenges | Actions |

Today

16 Aug 16
TPG Working Group

30 Aug 16
Communications Approach Complete

06 Sep 16
iDR Scope Overview

09 Sep 16
Cutover Industry Principles & Behaviours

30 Sep 16
Performance Test Completion

02 Aug 16
TPG Working Group

30 Aug 16
TPG Working Group

07 Sep 16
TPG Working Group

19 Sep 16
iDR1 due to commence

26 Sep 16
GONG Evidence Review

Key Challenges
- Understanding when defect closure from Cycle 1 will complete and if this will impact Cycle 2 starting.
- Understanding if this will result in a knock on to gas day testing.
- Gaining visability for performance testing results to date.

TPG Products	Status	Owner	Completion Date	RAG
Communications Approach	Baselined	EDFE	30 Aug 16	🟢
PIS Approach	Not Started	E.ON	16 Jan 17	⚪
Cutover Industry Principles & Behaviours	In Progress	PwC	9 Sept 16	🟢
Contingency Planning	In Progress	Contingency Planning Subgroup	23 Jan 17	🟢
Defining Steady State post go-live	In Progress	Npower, SSE, Xos	12 Dec 16*	🟢
Reporting through cutover and go-live	In Progress	Npower, SSE, Xos	12 Dec 16*	🟢
GONG Evidence Review	In Progress	PwC	26 Sept 16	🟢
Industry Transition Preparation Document	In Review	PwC	30 Aug 16	🟢
Industry Transition Plan	In Progress	PwC	10 Oct 16	🟢
Catch Up Batch Overview	On Hold	Xoserve	17 Oct 16*	⚪
iDR Scope Overview	In Progress	Xoserve	6 Sept 16	🟢
Low Level Transition Design	On Hold	Xoserve	17 Oct 16*	⚪

Key Messages:
- The Communication Approach document has been shared with TPG members and now requires baselining.
- An overview of Xoserve PIS approach on the 6 Sep 16 is required impacting the completion of the PIS approach, which has not yet started.
- Sub-groups progression of any additional products remain on track.
- Industry wide plans may impact product delivery dates outlined in TPG product table. * indicate those dates awaiting confirmation from Xoserve.
- Future TPG are proposed as alternating between F2F and WebEx to minimise participant travel.
- The next TPG is scheduled for 30 Aug 16 and will include sub-group updates and sign-off of products.

Legend
* Indicates those dates which are awaiting confirmation from Xoserve

Transition Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
I014: Updated Xoserve, EDF, Npower, ScottishPower and SSE have yet to reach an agreement over the delivery of a bespoke portfolio report or alternative solution for go-live. Without an accurate portfolio view, the participants maintain that their settlements systems will have limited ability to validate invoicing. Note: This issue has evolved into a formal change request for transition reporting. This is currently being impact assessed by Xoserve and will be tracked through the formal process rather than PNDG.	Transition	**9** *Current Rating:* *Impact: (3)* *Priority: (3)*	29 Sep 16 01 Jul 16 08 Jul 16 26 Aug 16	**1) A072:** Raise issue at PNDG to agree way forward. **2) A077:** Npower are to have a discussion with TPG about their requirements for the transition phase and report this back to Xoserve. The development of reporting requirements is being completed by TPG and is not an action that will be tracked in the PNDG. **3) A078:** A meeting will be organised with PwC, EDF, Xoserve and Ofgem to discuss next steps and timelines. **4) A100:** Once Npower collate all the transition requirements from TPG and submit a Transition Report Change Request, Xoserve are to provide further information about when an impact assessment would take place.	1) Complete 2) Complete 3) Complete 4) Complete. Xoserve received 14 responses from participants (5 Big 6; 2 I&C; 5 Challenger; 1 iGT; 1 Other). 13 of the 14 responses indicated they would seek to obtain the report were it available. The results have been provided to support the IA. Impact Assessment is due to be completed by the 26 Aug 16.	1) Participants & Xoserve 2) Npower 3) PwC 4) Xoserve

Transition Action Log

Action #	Action	Progress	Owner	Status	Due	Forum
A044	TPG to conduct scenario planning exercises to confirm the impact of a lack of readiness on different participants (e.g. shippers, suppliers, GTs, iGTs), on each other and the market. TPG are to report the results to PNDG and recommend if any further mitigating actions are required.	This action is ongoing. Due date has moved to 16 Sep 16 to allow for completion of re-planning exercises.	TPG	🟩	16 Sep 16	PNDG
A045	Develop an industry wide transition governance framework that incorporates the GONG criteria	This is dependent on getting the GONG Assessment dates, which will be determined in Aug as a result of the re-planning exercise and will be approved at the PNSG taking place on 30 Aug 16.	TPG	🟩	30 Aug 16	PNDG
A062	Xoserve to confirm through their Implementation Dress Rehearsals that cutover activities can be completed in the required timescales. Updates will be requested at the conclusion of each interim dress rehearsal.	Agreed at the PNDG on 09 Aug 16 that the action should be closed, as suggested activity will be completed as a matter of course. The new plan has also helped ensure that there is more time available to help ensure that cutover activities can be completed in the required timescales.	Xoserve	🟦	16 Sep 16	PNDG
A100	Once Npower collate all the transition requirements from TPG and submit a Transition Report Change Request, Xoserve are to provide further information about when an impact assessment would take place.	Xoserve received 14 responses from participants (5 Big 6; 2 I&C; 5 Challenger; 1 iGT; 1 Other). 13 of the 14 responses indicated they would seek to obtain the report were it available. The results have been provided to support the IA. Impact Assessment is due to be completed by the 26 Aug 16.	Xoserve	🟦	26 Aug 16	PNDG

GONG Status Report

Project Nexus as @ 9 Aug 16
Sponsor: Jon Dixon
PMO: Melisa Findlay
End Date: 01 Apr 17 (reporting baseline)

RAG Status	GONG	
Overall	●	↔
Xoserve	●	↔
Baringa view of Xoserve	●	↔
Participants	●	↔

Workstream Status: ●

Programme Trend: ↔

Since: 09 Aug 16

GONG Background: The GONG workstream will track market participants progress against a set of criteria. In collaboration with the cross programme working groups, it will provide a final recommendation to the PNDG / PNSG on market readiness to go-live and the associated risks should all parties not been able to demonstrate go-live readiness. Through the Nexus Portal, participants will self assess their status fortnightly, the output of which will be reported through the PNDG. Performance will be measured against three 'Gates' where progress against the GONG criteria will be reported, including assurance over participants submission in order to support any recommendation.

Achievements since last PNDG:
• To be provided once new industry plan is adopted

Upcoming activities:
• To be provided once new industry plan is adopted

Overall RAG Commentary:
• To be provided once new industry plan is adopted

Remediation Action:
• To be provided once new industry plan is adopted

Placeholder Slide
(forecast to be used Sep 16)

GONG Workstream Plan

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Month		2016						2017						Actions
Activity	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	

Today

GONG Assessment

Gong assessment

G2.0
GONG Gate 1

G3.0
GONG Gate 2

G4.0
GONG Gate 3

G5.0
GONG Decision
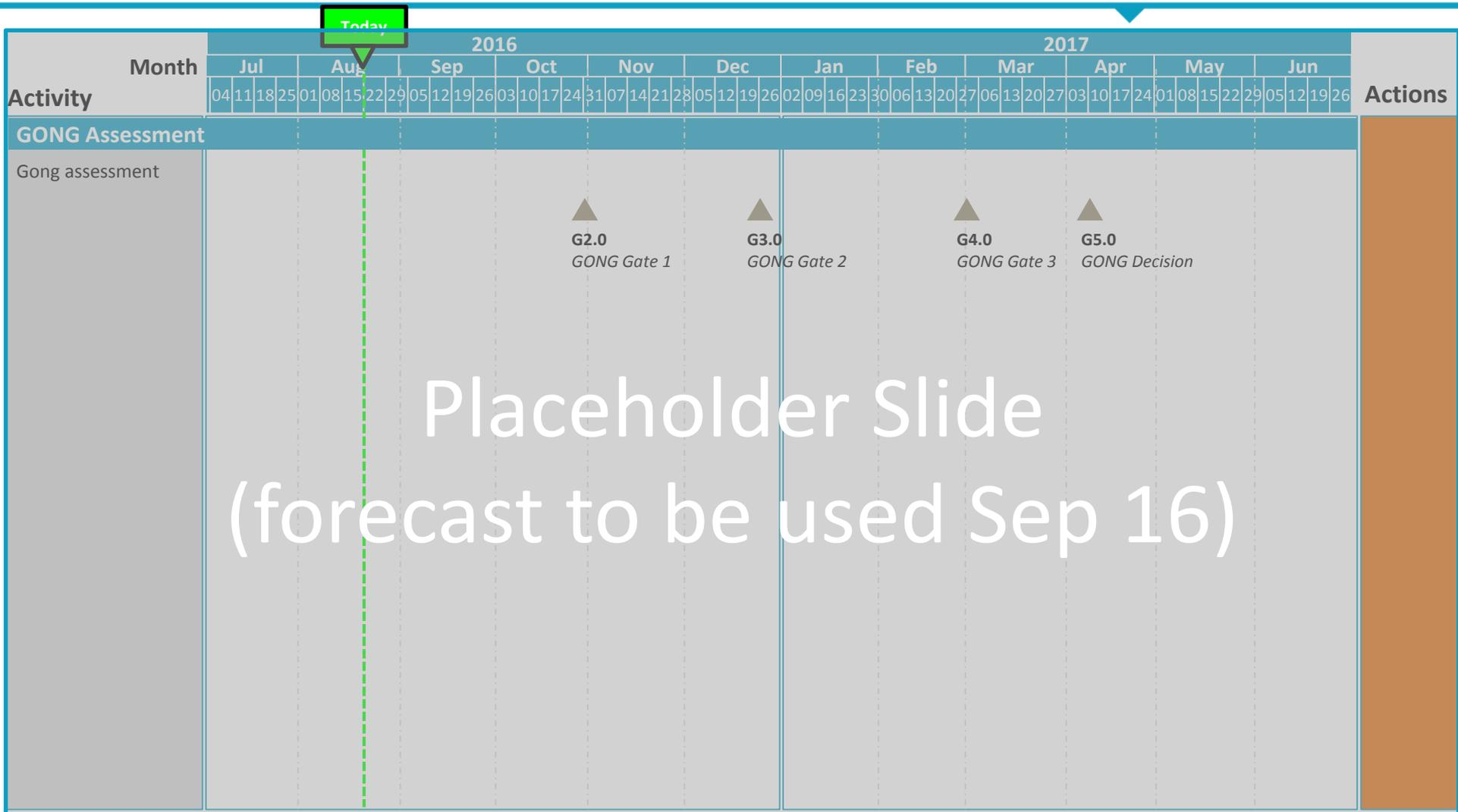
Placeholder Slide
(forecast to be used Sep 16)

Milestone RAG Key:

△ Industry Milestone ▭ Industry Activity ▫▫▫ Contingency ▲ Complete ▲ On Track ▲ Risk to individual milestone(s) ▲ Risk to go-live ▲ On Hold ⟹ Slip/expected delay of milestone

Appendices

#	Title	Slide
1	Release Management Plan	47 - 51
2	Baringa CSA Programme Report (Omitted from this report)	-
3	Working Group Meetings	50
4	Hot Topics	53 - 62
5		
6		
7		
8		
9		
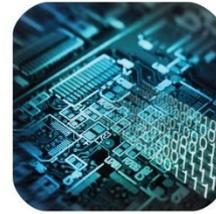
respect > commitment > teamwork

Release Management Plan

R1 29/01/16	R2 26/02/16	R3 25/03/16	R4 29/04/16	R5 13/05/16	R5 27/05/16
• Xos_CR_1 (Mod 0487) • Xos_CR_2 (Mod 0477) • Xos_CR_3 (Mod 0466) • Xos_CR_5 (Rolling AQ Market Tolerance Breaker) • Xos_CR_6 (Dec 2014 File Format Changes) • Xos_CR_8 (Aug 2015 File Format Changes) • Xos_CR_9 (Negative Value Description Field Changes) • Xos_CR_10 (ERR / FRJ Phase 1) • Xos_CR_11 (ERR / FRJ Phase 2)	NO CHANGE DEPLOYED	NO CHANGE DEPLOYED	NO CHANGE DEPLOYED	NO CHANGE DEPLOYED	•Xos_CR_13 (Contact Title Functionality)

FRIDAYS

R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11 R12

29-Jan	05-Feb	12-Feb	19-Feb	26-Feb	04-Mar	11-Mar	18-Mar	25-Mar	01-Apr	08-Apr	15-Apr	22-Apr	29-Apr	06-May	13-May	20-May	27-May	03-Jun	10-Jun	17-Jun	24-Jun	01-Jul	08-Jul	15-Jul	22-Jul	29-Jul	05-Aug	12-Aug	19-Aug	26-Aug	02-Sep	09-Sep	16-Sep	23-Sep	30-Sep

Market Trials Execution

R7 10/06/16	R8 24/06/16	R9 30/06/16	R10 08/07/16	R11 31/08/16	R12 09/09/16	Update
NO CHANGE DEPLOYED	NO CHANGE DEPLOYED	• Xos_CR_12 (Sep 2015 File Format Changes) • Xos_CR_16 (Jan 2016 File Format Changes) • Xos_CR_17 (Feb 2016 File Format Changes)	NO CHANGE DEPLOYED	• Xos_CR_18 (File Record Amendment M00 v6.3FA) • Xos_CR_20 (File Format Amendments May)	• Xos_CR_19 (Amendments to Baselined File Formats U01, U12, U14)	• R11 – Testing extended on AMR device changes for Class 2, 3 and 4 due to data set up and to give more extensive process coverage. • R12 – New release window created for AMR device changes for class 2, 3 and 4.

Release Management Plan

Date Added	Xoserve CR No.	Industry Reference No.	Industry Change Title	Functional description of change	Impacted Stakeholders				Release No.
					Shipper	GT	DMSP	iGT	
01/12/2015	UKLP CRDBI005	Xos_CR_1	Mod 0487	File format changed to include AMR and ASP details. Changes made in GEA file to include ASP details in it. File for registration process changed to include the AMR indicator. Changes made in other interface systems such as the Business Warehouse to store the AMR and ASP information. The purpose of the MOD is to ensure that Suppliers can find out if Automatic Reading equipment is at site.	YES	NO	NO	NO	R1 - 29/01/2016
01/12/2015	UKLP CRDBI007	Xos_CR_2	Mod 0477	Faster switching changes are captured in RRC during design phase. Changes include to the minimum confirmation timescales to 14 days instead of 20days. There is no change to the timescale for shared site registration process.	YES	NO	NO	NO	R1 - 29/01/2016
01/12/2015	UKLP CRDBI008	Xos_CR_3	Mod 0466	Amend the time the MDR file is provided to Shippers (i.e. currently sent at 11.00hrs to be sent at 12.00hrs). DMSPs to provide DLC files later, (i.e. currently provide DLC file at 08.30hrs will be able to provide DLC files at 09.30hrs).	YES	NO	YES	NO	R1 - 29/01/2016
01/12/2015	UKLP CRDBI008A	Xos_CR_4	Mod 0466A	Amendment to the Performance Relevant standards associated with Daily Metered sites. D+1 liability to apply at 2pm. –D+1 Liability charge to reduce to £3 from £30.	YES	NO	YES	NO	No industry impact
01/12/2015	UKLP CRDBI054	Xos_CR_5	Rolling AQ Market Tolerance Breaker	Introduction of new checks while doing the rolling AQ calculation and as per current RRC rules, will run until 3 years after the go live date.	YES	NO	NO	NO	R1 - 29/01/2016
01/12/2015	UKLP CRDBI055	Xos_CR_6	December 2014 File Format Changes	Following the review by Shippers of all File Formats that were consulted on as part of the UNC Section U UK Link Committee process, all accepted changes to the original baselined File Formats have been agreed with Shippers. Agreed changes to the original versions of products (records, files or hierarchies) require changes to be made to the agreed December 2014 Shipper File Formats.	YES	NO	NO	NO	R1 - 29/01/2016
02/12/2015	UKLP CRDBI089	Xos_CR_7	Mod 0466AV	Amendment to the performance relevant standards of service (liabilities) associated with Daily read provisions, and so changes the values and calculations for daily read liabilities, and removes the 97.5% performance standard. Make available within day read data – Hourly reads via IX (User Pays Service) – no requirement to record reads provided just ability to sent Via IX.	YES	NO	YES	NO	No industry impact
01/12/2015	UKLP IADBI124	Xos_CR_8	August 2015 File Format Changes	August File Format Changes Agreed and Approved by Industry.	YES	YES	NO	YES	R1 - 29/01/2016
01/12/2015	UKLP IADBI126	Xos_CR_9	August 2015 File Format Changes	Amendments to the file formats to incorporate negative field values and updating the AMT catalogue based on the revised file formats.	NO	NO	NO	NO	R1 - 29/01/2016
01/12/2015	UKLP IADBI128	Xos_CR_10	ERR/FRJ File Format & Rejection Codes Phase 1	ERR rejection response moving back to legacy logic. Issue 1: Amendments to the ERR file so that the ERR file content has the entire input file attached. Issue 2: Amendments to the response file name so that it is a match to the inbound file (adding .ERR) Issue 4: Rejection codes have been reverted back to legacy codes but mapping is not consistent with legacy resulting in some different codes generated. Separate industry meetings are currently ongoing to agree these differences via the formal change process.	YES	YES	YES	YES	R1 - 29/01/2016

Release Management Plan

Date Added	Xoserve CR No.	Industry Reference No.	Industry Change Title	Functional description of change	Impacted Stakeholders				Release No.
					Shipper	GT	DMSP	iGT	
01/12/2015	UKLP IADBI128A	Xos_CR_11	ERR/FRJ File Format & Rejection Codes Phase 2	ERR rejection response moving back to legacy logic. The functionality for this changes is now linked with the changes being defined under Xos_CR_18 which is being discussed with the UKLink Committee	YES	YES	YES	YES	R1 - 29/01/2016
02/12/2015	UKLP IADBI158	Xos_CR_12	September 2015 File Format Changes	September File Format Changes Agreed and Approved by Industry.	YES	YES	NO	YES	R9 – 30/06/16
04/01/2016	UKLP IADBI131	Xos_CR_13	Change to Contact title functionality	A list of 80 contact titles from those currently used will be added to SAP so these titles can continue to be used. If a value other than an allowable title is received by UKLink the title will be recorded as blank but the record will not be rejected, it will return the field as blank in the associated response file. If additional titles are required a change request must be raised to approve and add the title.	YES	YES	NO	YES	R5 – 27/05/16
04/01/2016	UKLP IADBI154	Xos_CR_14	Retro Updates - Suspecting Reads following Asset Attribute Update	Changes are to be made to have a consistent approach to the treatment of reads, being all reads recorded are marked 'suspect' and it will be shipper responsibility to either replace reads or submit a latest reading to trigger reconciliation and generate the adjustment to charges.	NO	NO	NO	YES	Not required
04/01/2016	UKLP IADBI157	Xos_CR_15	AMT Validation for No Such File Type	For inbound files received by AMT where a header record is not correctly populated or formatted and the file is not able to be processed, a validation will be built in AMT to automatically manage these scenarios. All file validation and validation responses are to be automated, so that there are no manual interventions required.	YES	YES	YES	YES	Deferred to post go live
08/03/2016	UKLP IADB164	Xos_CR_16	January 2016 File Format Changes	File format changes agreed and approved by industry	YES	NO	YES	YES	R9 – 30/06/16
08/03/2016	UKLP IADB170	Xos_CR_17	February 2016 File Format Changes	File format changes to be agreed by industry	YES	NO	YES	YES	R9 – 30/06/16
05/07/2016	UKLP IADB176 CP 1582.2	Xos_CR_18	File Record Amendment M00 v6.3FA	Description change to indicate the meter index (rather than the uncorrected converter index) will be provided. Files will be issued to Market Trials Users containing the uncorrected converter index. In some instances the composition of the index would be different to User expectation – i.e. if the number of dials are different – but the files should continue to be generated to Users so that they are able to receive and validate these files.					R11 – 31/08/16
05/07/2016	UKLP IADB182 CP 1578.3	Xos_CR_19	Amendments to Baselined File Formats U01, U12, U14	This change withdraws a previous change so reverts to Legacy treatment in User systems. The change removes the condition in new UKL that where an AMR Device is present only two readings (corrected and uncorrected index) are required. Users would be able to bypass this condition by removing the AMR device for each meter point.					R12 – 09/09/16
05/07/2016	UKLP IADB179v2/ UKLP IADB185 CP 1590	Xos_CR_20	File Format Amendments May	This change pack is comprised of a number of changes to file formats. All changes relate to Transporter to User flows. The impact is that without this change being implemented in MT that when the file is being generated this will result in exceptions within AMT which would need to be resolved by Xoserve prior to issue to Users, as such the impact to Users is expected to be limited. - Negative value changes - Users have indicated that a -ve value description change has limited impacts to them. In MT, Xoserve will be unable to issue the RGTA Entry Capacity Invoice where a negative value is contained in the fields impacted by this change. - S30 Record / WAO File - MSN change to Optional from Mandatory - in legacy the MSN Optionality is not correctly observed. It is expected that this is a rare scenario, where a MSN is present this file will be generated without issue. - U74 Record / CFR File - Description describes this as a text field, but domain is numeric.					R11 – 31/08/16

UKLP Market Trials Queries M.I

Query status by constituent type

	Shipper	iGT	GT	DMSP	Other	Grand Total as at 12/08/2016	Grand Total as at 08/08/2016
Closed	1451	135	385	59	36	2066	2002
Open	19	2	2	2	0	25	25
Grand Total	1471	137	387	61	36	2092	2028

All Open Queries Age Analysis

	Figure as at 12/08/2016		Figure as at 08/08/2016	
0-10 days	23	92%	24	96%
11+ days	2	8%	1	4%
	25	100%	**25**	100%

All Closed Queries Age Analysis

	Figure as at 12/08/2016		Figure as at 08/08/2016	
0-2 days	1111	54%	1075	54%
3-5 days	336	16%	324	16%
6-10 days	239	12%	225	11%
11-20 days	178	9%	178	9%
20+ days	202	10%	201	10%
Total	**2066**	100%	**2003**	100%

Key Messages:

- Open queries older than 11 days have reduced from 27 to 2 this period.
- 98.8% of all queries raised are now closed.
- 82% of queries are closed within the 10 day SLA with 71% being closed within 5 days.

> **Proposed to only be included on a monthly basis going forward.**

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Working Group Meetings

Working Group	Next Meeting	Meeting topics
Market Trials Working Group (MTWG)	31 Aug 16	• Ongoing monitoring of MT progress • Finalise MT Approach updates
Data Management Group (DMG)	08 Sept 16	• Update on Migration activities and metrics • Impact of non/application of t-rules by participants • iGT Reconciliation • iGT Reconciliation next steps • iGT "Ways of working" • Dashboard Topics to be reported and criteria • Potential reporting to help build confidence
iGT Single Service Provision (SSP)	22 Aug 16	• Review previous meeting summary and actions • Data Preparation progress review • Data Quality observations • Discuss and agree iGT Transformation Rules • Propose and agree functional changes identified by either Xoserve or iGT (e.g. File Formats, Rejection Codes) • Knowledge Transfer of Xoserve systems and processes (UK Link / CMS / Portal / Data Enquiry / Customer Lifecycle) • Discuss any requirements for iGT UNC modifications to support UKLP implementation • ADHOC Market Trials matters for awareness • Items related to Xoserve's current and future service offerings to iGTs
Transition Progress Group (TPG)	30 Aug 16 (WebEx)	• Contingency Subgroup Update • Reporting/Steady State Stabilisation Subgroup Update • Development of Communications Subgroup • Industry Transition Prep Document Sign off • Cutover Industry Principles & Behaviours Strategy Draft

Note:
1) SSP lists the general topics covered at their meetings
2) TPG, MTWG and DMG lists the topics to be covered at their next meeting

Source: PwC

Go/No Go Overview
Hot Topic

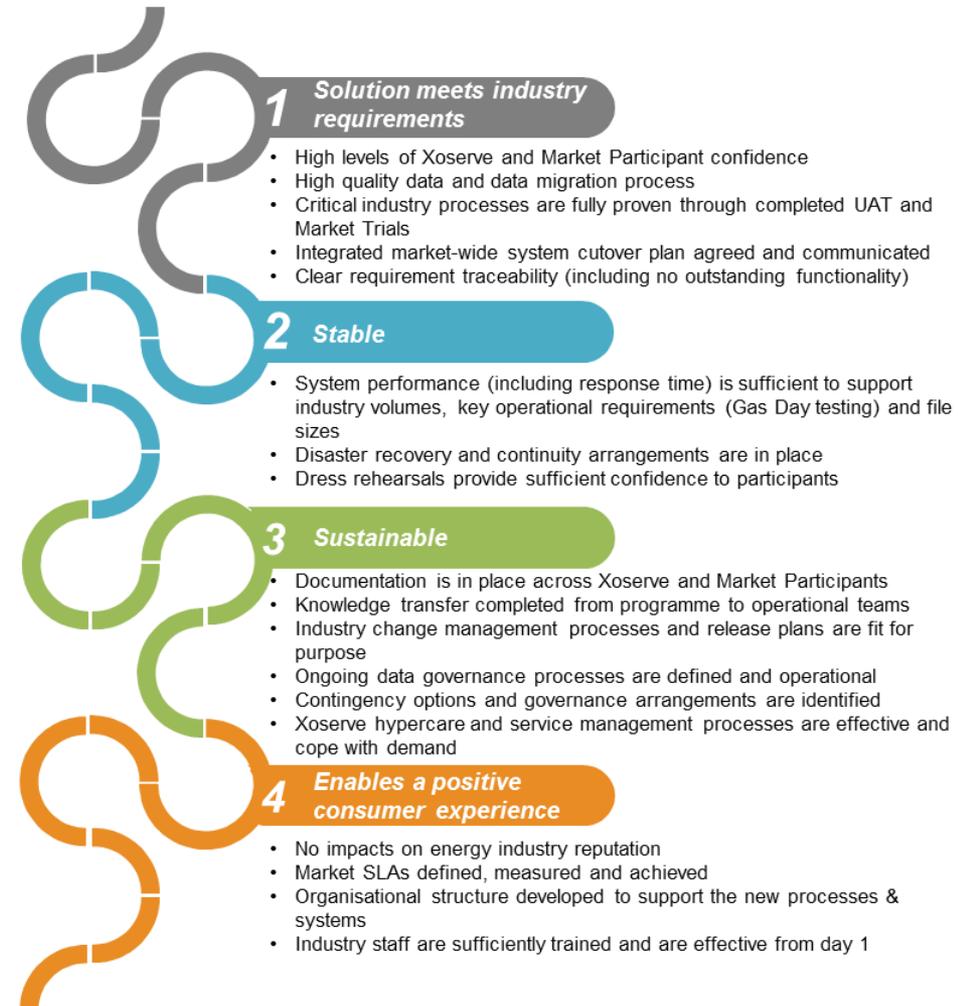*Ofgem — Making a positive difference for energy consumers*

Recap

- The Go/No Go (GONG) criteria will be used by PNSG to make a decision on whether Project Nexus is ready to be deployed into a live environment.

- The GONG criteria considers the feasibility of Project Nexus going live from an industry-wide perspective. It is expected that Xoserve and the Market Participants will have a detailed GONG criteria appropriate the level of change that is taking place within their individual organisations.

- The GONG criteria were released as part of the Ofgem consultation on the 2 June. The objective of the consultation was to identify any comments the industry had regarding the GONG criteria. Minor comments were received and have been responded to.

- The objective of today's session is to provide an overview of the GONG, the assessment process and the next steps that are being planned.

Nexus Success Factors

- Project Nexus will use the Success Factors (see right) to ascertain whether the project can be considered a success.

- The GONG criteria provides the industry with the ability to demonstrate that they can meet the Success Factors.

- To measure the GONG criteria, a framework was created and issued as part of the Ofgem consultation. It is expected that the industry are required to provide evidence to demonstrate that they can complete the GONG assessment and are ready for deployment.
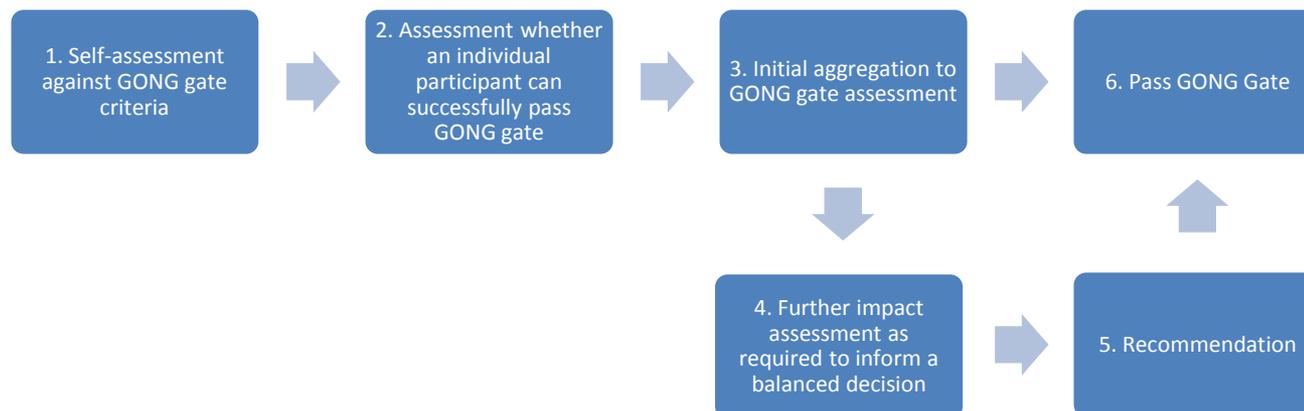
1 Solution meets industry requirements
- High levels of Xoserve and Market Participant confidence
- High quality data and data migration process
- Critical industry processes are fully proven through completed UAT and Market Trials
- Integrated market-wide system cutover plan agreed and communicated
- Clear requirement traceability (including no outstanding functionality)

2 Stable
- System performance (including response time) is sufficient to support industry volumes, key operational requirements (Gas Day testing) and file sizes
- Disaster recovery and continuity arrangements are in place
- Dress rehearsals provide sufficient confidence to participants

3 Sustainable
- Documentation is in place across Xoserve and Market Participants
- Knowledge transfer completed from programme to operational teams
- Industry change management processes and release plans are fit for purpose
- Ongoing data governance processes are defined and operational
- Contingency options and governance arrangements are identified
- Xoserve hypercare and service management processes are effective and cope with demand

4 Enables a positive consumer experience
- No impacts on energy industry reputation
- Market SLAs defined, measured and achieved
- Organisational structure developed to support the new processes & systems
- Industry staff are sufficiently trained and are effective from day 1

GONG Principles and Evidence

- In designing the GONG Assessment Framework and the associated criteria, the following principles have been adhered to:
  - **Self Assessment** – Participants to assess their position and submit via the portal;
  - **Independent Assurance** – PwC to assure the responses by the participants;
  - **Interim Assessments** – Three gates will be used to assess Nexus readiness for go live;
  - **Focused** – Focus on market-critical processes and Project Nexus Success Factors; and
  - **Evidence Based** – Measurable and demonstrable criteria.

- The evidence to meet the GONG criteria has been developed. Our intention is to circulate the criteria and supporting evidence as part of the next Portal submission for the industry to confirm whether they can supply the evidence or not.

Assessment Process

- The PwC Project Nexus portal will list the evidence for each stage to allow each organisation to make their self assessment submissions on a fortnightly basis against the GONG criteria.

- Each organisation is required to submit self assessments and supporting evidence against the criteria via the portal to support the GONG gate checkpoints.

- For each GONG gate, the following process will be followed:

1. Self-assessment against GONG gate criteria → 2. Assessment whether an individual participant can successfully pass GONG gate → 3. Initial aggregation to GONG gate assessment → 6. Pass GONG Gate

3 → 4. Further impact assessment as required to inform a balanced decision → 5. Recommendation → 6. Pass GONG Gate

Next Steps

The next steps for the GONG process are as follows:

- **Evidence questionnaire** – For the 9 September portal submission, PwC will request that the industry review the evidence required to meet the GONG criteria and confirm whether they will be able to supply the evidence.

- **Dry run through portal** – September – A dry run will be run using the Portal to ensure that all Market Participants can submit their self-assessments.

- **Initial GONG gate** – October – The fortnightly self assessments will commence in October with the first GONG checkpoint gate due at the end of October.

Baringa Planning Assurance Update
Hot Topic