# Project Nexus Workgroup:

## Gas Nominations & Allocations
## UPDATED
### 9th September 2014

# Background

- Project Nexus requirements and Modification 0432 will change the Gas Nominations & Allocation processes
  - Shippers will need to submit Gas Nomination for Class 2 Supply Meter Points
  - Where a Shipper does not submit a Gas Nomination a D-7 value will be applied for Class 1 & 2 Supply Meter Points
  - For Class 2 Supply Meter Points Allocation will be based on the daily reads submitted by Shippers
  - Unidentified gas will be calculated daily for both Nomination & Allocation & shared daily to Shippers in accordance with prevailing arrangements
  - New demand estimation formula for estimating demand for Class 3 & 4 Supply Meter Points (as developed under Mod 453)

# DM Gas Nominations

- DM Supply Meter Points (Class 1 & 2) Gas Nomination activity will continue as per the current process.

  - Shippers submit Gas Nominations between D-30 to D-1

- Where a Gas Nomination is not submitted for the Nomination process, a D-7 estimate will be generated and applied.

  - This can be replaced by the Shipper within the submission timescales

- The estimate will not be included in the calculation of Scheduling Charges for the Energy Balancing invoice.

XOserve

respect 〉 commitment 〉 teamwork

# NDM Gas Nominations

- NDM Supply Meter Points (Class 3 & 4) Gas Nominations will be calculated using a new Supply Point Demand Formula.
  - New Formula: (AQ/365)*ALP*(1+[WCF*DAF])
- This formula will no longer include the Scaling Factor and will apply a Weather Correction Factor calculated from Forecast Weather Data.
- Weather Correction Factor adjusts for the difference between the daily Composite Weather Variable (CWV) and the daily seasonal normal CWV per LDZ
  - CWV adjusts the demand estimation formula daily using weather data (wind speed and temperature)

# Forecast LDZ Unidentified Gas

- The LDZ Forecast Unidentified Gas calculated for each LDZ will be apportioned to Shippers within an LDZ on D-1 for the Gas Flow Day

- Shippers will be able to view their Forecast Unidentified Gas Quantities on Gemini
  - a new Unidentified Gas 'Meter ID' will be created per Shipper per LDZ.

- LDZ Forecast Unidentified Gas =
  - ~~Total DM Nominations (actual or estimated) + Total NDM Nominations – LDZ Forecast Demand (after LDZ Shrinkage)~~
  - LDZ Forecast Demand – (LDZ Shrinkage + Total DM Nominations + Total NDM Nominations)

xoserve

respect ❯ commitment ❯ teamwork

# Transition: Gas Nomination

- There are no substantial changes to the Nomination processes, but there will be transitional requirements.

- Minor differences will be visible on Gemini screens, which will be differentiated by date. As a result a User viewing a screen in relation to 1$^{st}$ October 2015will see minor differences to those relating to 30$^{th}$ September 2015.

- Nomination processes during cut over are under design discussion with confirmation of a solution to be available at the end of Detailed Design.

XOserve

respect ❯ commitment ❯ teamwork

- DM Supply Meter Points (Class 1 & 2) Allocation activity will continue as per current processes

- Shippers will submit daily reads for Class 2 Supply meter Points which will be used for allocation

- Users are able to view their Allocations on Gemini as per current process

# NDM Allocations - Nexus

- NDM Supply Meter Points (Class 3 & 4) Allocations will be calculated using a new Supply Point Demand Formula.

  – New Formula: (AQ/365)*ALP*(1+[WCF*DAF])

- This formula will no longer include the Scaling Factor and will apply a Weather Correction Factor calculated from Actual Weather Data.

- Weather Correction Factor adjusts for the difference between the daily CWV and the daily seasonal normal CWV per LDZ

# Allocated LDZ Unidentified Gas

- The Allocated Unidentified Gas calculated for each LDZ will be apportioned to Shippers using the Unidentified Gas Allocation Adjustment Factors.

  – Calculated on D+1 for the Gas Flow Day

- Shippers will be able to view their Allocated Unidentified Gas Quantities.

  – This will be at the User LDZ Unidentified Gas level

- LDZ Allocated Unidentified Gas =

  ➢ ~~Total DM Allocations + Total NDM Allocations – LDZ Demand (after LDZ Shrinkage)~~

  ➢ LDZ Demand – (LDZ Shrinkage + Total DM Allocations + Total NDM Allocations)

xoserve

respect 〉 commitment 〉 teamwork

# Transitional Proposal : Allocations

- There are no substantial changes to the Allocation processes, but there will be transitional requirements.

- Nexus will introduce Allocated Unidentified Gas on Gas Flow Day 1st October 2015.

- Minor differences will be visible on Gemini screens, which will be differentiated by date. A User viewing a screen in relation to 1st October 2015 will see minor differences to those relating to 29th September 2015

- Allocation processes during cut over are under design discussion with confirmation of a solution to be available at the end of Detailed Design.

**xoserve**

respect ❯ commitment ❯ teamwork