UK Link - Programme Impact Assessment Process Templates

To be authorised by a minimum level of a XM1 manager

All fields are mandatory. IA Requests without sufficient information will be rejected & returned to the originator.

Please submit this form to: .box.xoserve.UKLinkProgramme

Guidance notes in blue are to be deleted before submission

Section 1: To be completed by the IA requestor:

UK Link Programme Impact Assessment Form	
**Impact Assessment ID:	UKLP IADBI162
XRN log Number (if applicable):	
Change Title:	Addition of daily LDZ Unidentified Gas (UG) to National Grid Operational Data service

XM1 Owner	Fiona Cottam
Fast Track IA (Y/N):	N
Date Raised:	15/12/2015
Raised By:	Fiona Cottam
Originator:	Customer Requirement
Type of change:	Change to design
Source of Change:	New Requirement/Solution Design Gap (This requirement is more specific to analytical and forecasting specialists than the day-to-day invoicing/balancing Shipper representatives who were engaged at earlier stages of the project, and hence was only identified during discussions on UG at the Demand Estimation Sub-Committee.)
Date Approval Required By:	31/01/2016, to allow update to next UNC Demand Estimation Sub-Committee Meeting
Portfolio Impact (Yes/No):	Y
Portfolio Impact Details:	Only known impacts are to Gemini and to National Grid's Operational Data website.
Required in Legacy (Yes/No):	N
Priority (1-Critical, 2-High, 3-Medium, 4 - Low):	2 -High
Requested Implementation By Date:	30/09/2016

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<mark>Supporting Volumetrics if applicable</mark>	Minimum requirement 2 records per day per LDZ (1 each for Nominations and Allocations), but preferably updates to flow to Ops Data every time that Nominations or Allocations is run. Approximately 9 runs of Nominations and 5 runs of Allocation for each Gas Day for each LDZ, across a 7-day period.

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Change Description:

We need to make daily Unidentified Gas (UG) as calculated during daily Nominations and Allocations at LDZ level available to Shippers on National Grid's Operational Data service.

After the Nexus suite of requirements is implemented, UG will be the balancing figure in Gemini for each LDZ each day, and Shippers will need to be able to access the LDZ quantity easily, in order to understand total NDM Demand, alongside DM and NDM energy. As UG is not part of current daily energy allocation processes, it is not currently available on the NG Operational Data site.

It has become an established practice to publish LDZ level data to assist Shippers in understanding their individual allocations for a day, therefore this is a reasonable request on the part of Shippers.

LDZ UG will be calculated day ahead as part of Gas Nominations and after the day by Gas Allocations in the Gemini system, which will also continue to calculate LDZ NDM Energy.

FULL Solution: Actual values to be added under "Demand/LDZ Actual" as a third option alongside DM and NDM, with both D+1 and D+6 available, by LDZ. (Screenshot of http://www2.nationalgrid.com/uk/industry-information/gas-transmission-operational-data/data-item-explorer/ below)

Possible Interim Solution: make total UG by LDZ available to Shippers via a Gemini screen (will already be available to DNs via a new screen), along with a new API to enable this information to be downloaded for multiple/all LDZs, and ideally multiple days). This interim solution would not negate the need for the final solution, as a non-Gemini solution is preferable: many of the people wishing to extract this data will not be current Gemini users, and the ideal solution is for this information to be widely available, without the need for special systems access.

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Reason for Change / Justification:
Publication of this information has been requested repeatedly in the UNC Demand Estimation Sub-Committee meetings, and there is an open action on Xoserve to report back to the February 2016 meeting.   It is acknowledged that Shippers will be able to view their own UG via a Gemini screen or download it via an API. However this does not provide information about the total LDZ figure, which will be widely required for their internal modelling/forecasting processes.
Impact of Not Implementing This Change:
If this new data cannot be added to the NG Website, Shipper satisfaction will be badly affected, as they will be unable to perform key analyses. It is reasonable to expect this information to be publicly available, so Xoserve may be pressurised into providing data by alternative routes, which will be very labour intensive.
Impacted System(s):
Only known impacts are to Gemini and to National Grid's Operational Data website, plus to any intermediate systems which are used in the transfer of data (e.g. MIPI). This information will already be passed across to SAP BW for internal reporting purposes, but we need it to be passed across to the NG Operational Data system for external reporting purposes.