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PN UNC Workgroup

Non Functional Topic
22nd November 2011

Objectives of the Workgroups

- To determine business requirements for future determination of non-functional areas
 - Consider/review comments made during the Project Nexus consultation
 - Review existing Modifications relevant to the topic area
 - Monitor & align with latest SMIP position
 - Focus will be on requirements for Project Nexus delivery
- Workgroup deliverables;
 - Process maps
 - Business Requirements Document. Document to provide sufficient definition around business rules to:
 - Enable the proposed requirements to be incorporated in xoserve's investment decisions, and
 - Support the raising of any UNC Modification Proposals

Approach & Workplan

- Agree scope
 - And areas for consideration
- Consider requirements from other relevant Workgroups;
 - Settlement
 - Invoicing
 - AQ
 - Reconciliation
 - PN UNC
 - Retro Updates
- Consider any relevant live Modifications
 - None at present?
- Agree future requirements
- Develop process principles/detailed business rules

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Project Nexus Consultation Responses

Ref	Requirement	Rationale	Source
1.9	Consideration should be given to having an online interface with the database.	This would enable us to conduct real time validation of customer data at the point of sale and speed up the whole registration process, reduce incorrect registration activity and improve the customer experience	npower
10.4	Review of reporting required by Users for each business process.	What, if any, reporting will be required by Users for each business process.	Shell Gas Direct
11.5	A single industry wide data base to include DNO and IGT Market Domain Data as well as possibly some Transactional Data.	It would seem that xoserve would be the natural home for this data. xoserve should continue to provide the current level of validation of data flows so that new data can be matched to existing data.	npower
12.5	Greater obligations on all industry parties to ensure data quality and accuracy and more common data formats and structures.	Obligations on all parties to improve data quality would be an appropriate means by which overall efficiency can be improved. This approach would continue to include central roles for xoserve in ensuring data quality and services relating to the provision of data including administering agreed policies and procedures relating to data quality, validation and data formats.	Northern Gas Networks
12.9	Common standards and rules applied to file transfers and updates.	There must be clearly defined and consistent rules applied to data validation and there should be commercial incentives to update core data held within industry systems.	Total Gas and Power

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Project Nexus Consultation Responses cont.

Ref	Requirement	Rationale	Source
13.1	More open access for the registered Supplier to current and historical data through the internet	Visibility of information such as asset details, Meter Asset Manager (MAM) and read history would assist in asset query resolution. This would be especially useful if Shippers / Suppliers could report against this data through some user configurable reporting over a web portal.	Total Gas and Power
13.4	Provide single interface to view data.	At present, there are multiple methods to obtain data from xoserve, e.g. UK Link file, IAD, SCOGES, Conquest etc. A single interface would improve the Suppliers' Customer Service Agents' experience and hence the ability to make the best use of available industry data. A wider availability of application sharing via web channel should be considered. In particular, the Electricity industry file handling method, whilst not perfect, is easier to implement than the UK Link file format because every file only contains one type of transactions and not multiple transactions.	British Gas
		Providing more open access to the data through a single access path - rather than the partitioned elements we have today with Conquest, IAD and Sites and Meters. Access should be controlled where appropriate by business rule rather than physical separation.	Scottish and Southern Energy
13.5	No system limitation on the timings of files.	Few changes are required to the general SPA processes, however, there should be no system limitation on the timings of files. The current commercial limitations should be retained.	Corona Energy

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Project Nexus Consultation Responses cont.

Ref	Requirement	Rationale	Source
13.6	Data formatting should be consistent, stored by a single authoritative body and subject to formal control which is managed within agreed validation routines and set data quality framework,	It is appropriate that this should be applicable to all supply points, although we would like to see more detail as to how this type of service could be managed. An issue seen in both Gas and Electricity markets is the conflict in data and the quality standards of this data. It creates exceptions both for individual companies and across the industry and can have a detrimental impact on the end consumer.	Scottish Power
13.13	Access to historical data.	Shippers should have access to all historical data for an MPRN for which they are the registered User. This will help Shippers to resolve USRVs, ensure that accurate AQs are registered and resolve any queries.	EDF Energy
13.14	Development of User documents.	These need to be developed, along the lines of the SPAA Schedules, held in a single place for Users to access detailing the information that is available and the file formats.	EDF Energy
13.15	Specification of refresh rates for the data.	These need to be specified, along with any validation requirements prior to uploading this data.	EDF Energy
13.16	Specification of file formats, data compression and interface solutions.	Given the volume of data that will be transferred between participants, it is also important that these should be specified to ensure that the most effective solution is developed.	EDF Energy
13.19	A robust file transfer mechanism	A robust file transfer mechanism is key to the implementation of a well functioning competitive market and this must be maintained throughout any planned system changes.	GDF Suez



Project Nexus Consultation Responses cont.

Ref	Requirement	Rationale	Source
13.21	No wholesale changes to file formats, file types and file flows.	Any changes to these will result in Shippers incurring material levels of additional cost over and above the costs that will be incurred on their behalf and also may result from the “User Pays” aspect of Nexus and which we would like to see these extra costs kept to a minimum.	npower
		Any changes should be flexible to support both the old batch file flows as well as newer real-time flows.	Corona Energy
13.23	Simple data access which can be used in reasonable bulk	Where data is required to be replicated within Shipper/Supplier systems there needs to be simple access which can be used in reasonable bulk (e.g. via API for bulk & internet portal for one-off use) to ascertain the values held.	British Gas
13.24	Real-time file flows.	The system must be fully web enabled to allow individual real-time file flows to occur and data to flow via flexible standard formats. To support smaller suppliers and new industry entrants this functionality should be available via a web front end.	Corona Energy
13.28	Simplified interface to the data held on sites and meters.	This is an opportunity to provide a simplified interface to the data held on sites and meters. This data is used to support a number of operational, field based activities. We would like xoserve to consolidate transporter requirements and propose simplified access to this data where it is used for operational purposes. There would be merit in developing a new data warehouse and an application that would facilitate user specified querying and a simpler access to transporter data.	National Grid Distribution

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Next Steps

- Agree scope
 - And areas for further discussion
- Agree format for document
 - Detailed BRD or Principle document
- Agree approx. number of meetings required