

European Transparency Regulation (ETR / ERGEG) – Industry briefing (14-Jul-2014 session)

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Last Updated: 13-Jul-2014 (V1.0)

Agenda

Item	Approximate start time
Welcome: Tea and coffee	09:30
1) Introduction & Objectives	10:00
2) Key background information on the project	
3) Update on Industry Interface to MODIS	
4) Testing approach and timelines	
5) Lunch	12:30
6) Feedback from the industry on MP system design	13:15
7) Update on GB LIO	
8) Next steps	
9) Feedback on today's session	15:00
Session end:	15:30

Introduction

- Health and safety
- NG team:
 - Alex Haffner – Business Lead
 - Richard Price – Business Lead
 - Daniel Arrowsmith – Lead Business Analyst
 - Melanie Jackson – Business Analyst
 - Harry Shah – Solutions Architect
 - Kam Siu – Project Manager
 - Mandy Taylor – IBM Project Manager for NG system development
 - Matthew Ogbebor – IBM Solutions Architect for NG system development
- Who's here today?

Objectives

- Overview of MODIS solution
- Recap of issues discussed at May briefing
- To discuss and confirm interface design to NG MODIS system
- To provide high-level view of the testing approach and timelines
- To provide updates on GB LIO and approach to getting EIC for ETR day 1 operation

Background – key events

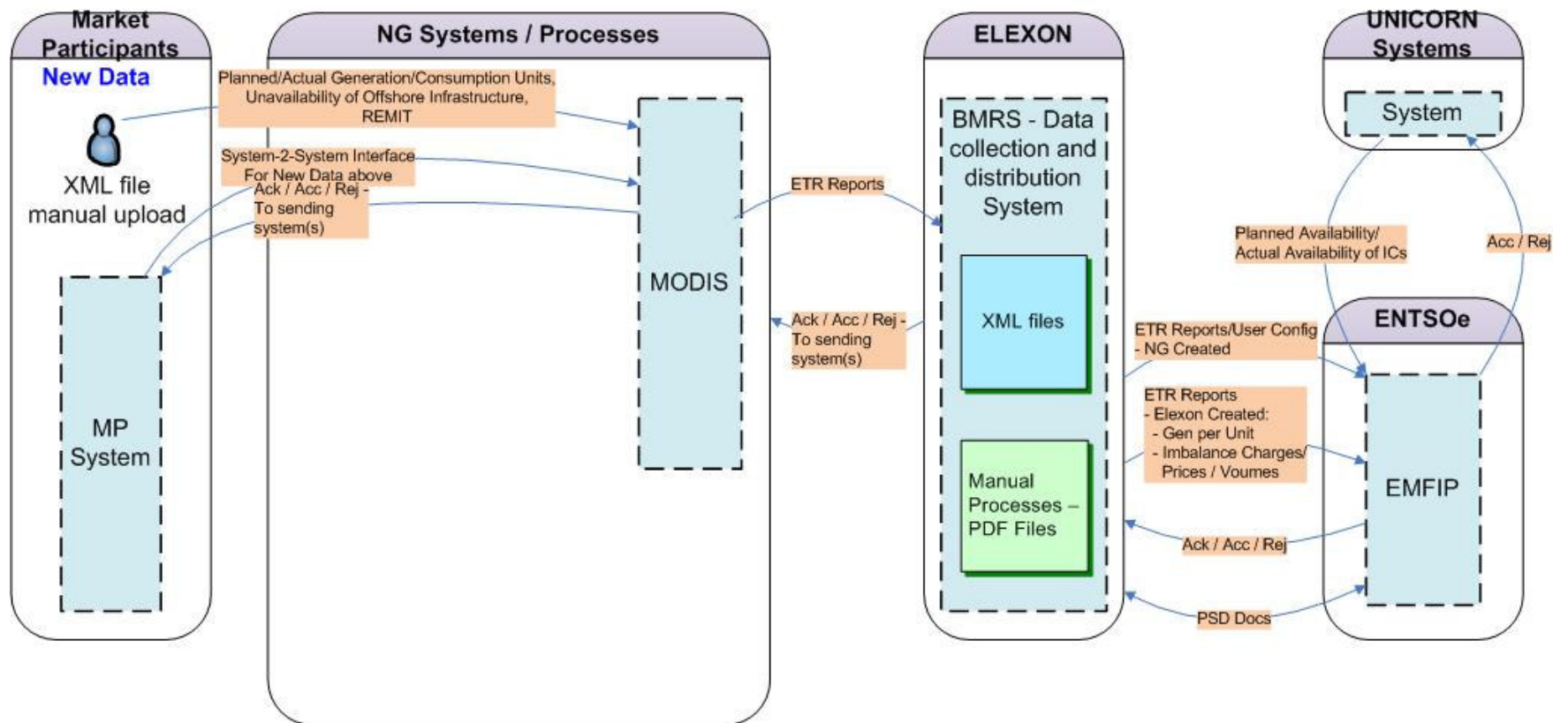
- 06-Nov-2013: IS workshop held to discuss ETR implementation with industry participants.
- 05-Dec-2013: Followed by Industry consultation,
- 07-Mar-2014: Post consultation report published setting out the proposed IS solution and the impact on industry parties in respect of new data. Post consultation report can be found at:
<http://www2.nationalgrid.com/WorkArea/DownloadAsset.aspx?id=31941>
- 02-Apr-2014: Industry briefing and update
- 12-May-2014: Industry briefing and update
- 14-Jul-2014: Industry briefing and update (this session)
- *Aug-14: Further briefing (TBC)*
- *More!*

Background – NG Approach

- Single project team to deal with P295 and P291.
- Single solution design for P295 and P291.
- Major design decisions:
 - a) Solution design does not impact any of the existing dataflows from the industry to NGET (e.g. no planned changes for dataflows via EDL and EDT).
 - b) New and existing data required for P291 and P295 will come to a new NGET system. This decision was made based on industry consultation carried out at the end of 2013 and early 2014.

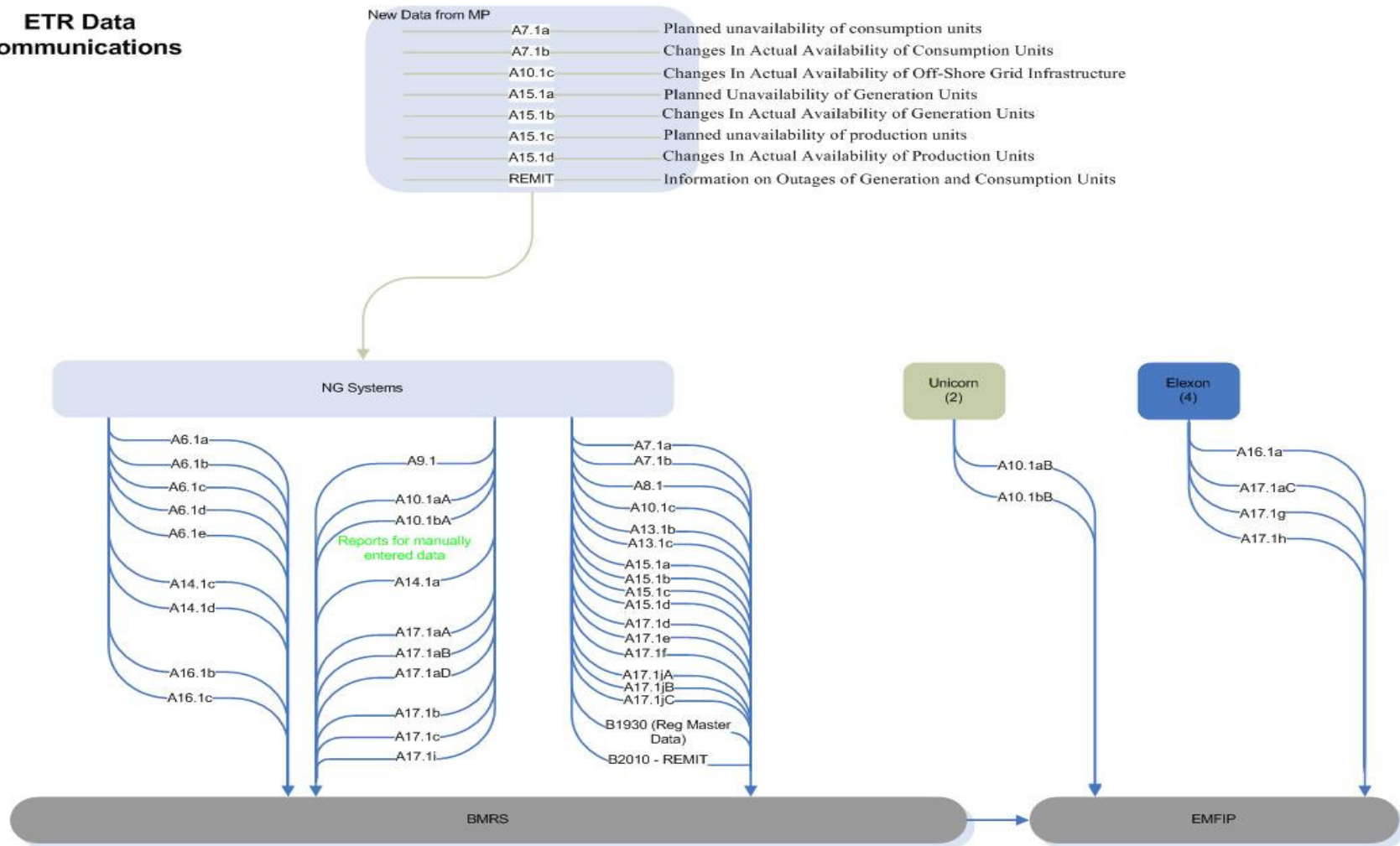
Background – Data flow

ETR Conceptual Diagram - Industry



Background – Data Communications

ETR Data Communications



Key Issues raised at 12 May ETR briefing

- Request to cater for option of using both market participant EIC code and generating unit asset EIC code in prefix used in the filename for report submissions
 - This option has now been catered for in the National Grid design
- To ensure that submissions include validation to only allow data entry for units that they own / are responsible for
 - This validation has now been included in the design of the MODIS system

Feedback on Industry comments – Interface document – Issue 1.0

- Definition of: ‘Production Unit BMU ID’ – equates to National Grid definition of a ‘Station’ (collection of BMUs)
- Validation issue with XML reports – Additional XSDs required available on ENTSO-E site
- User authentication will be via user credentials rather than via approved IP address
- Editing uploaded XML files will not be possible
- Users logged onto MODIS, will need to navigate to status screen, to view report responses, or view on next login – these will not be updated live on the screen
- Issue 2.0 of the Interface document published after this workshop will include the REMIT XSD

Feedback on Industry comments – Interface document – Issue 1.0

- Unique credentials to log-on to system will be similar to TOGA / EFS
- Baseline for reporting capacity is taken from National Grid Registration for the Master Configuration data for articles 7.1 and 15.1
- For rolling reporting the reporting period is 3 years ahead
- Request to define Consumption Unit - This is a single demand unit with greater than 100MW capacity connected directly to the either Transmission network or embedded within a distribution network. The regulation defines Consumption Unit as a Resource which receives electrical energy for its' own use excluding TSOs and DSOs.

Update on Industry interface to MODIS

- **National Grid will provide:**
 - WSDL file that defines the system services and operations.
 - Authentication for web services through:
 - Transport Layer Security / Secure Sockets Layer (TLS / SSL).
 - Access Control Security (ACS).
 - Folder locations for participants to send report files.
 - Security checks by ensuring users are allowed to submit data for BMUs.

- **Market Participants will need to ensure they:**
 - Implement services and operations defined in the system WSDL.
 - Validate XML data files against XSD before sending it.
 - Provide username and password for interactions with the system.

Update on Industry interface to MODIS (contd.)

- **Market Participants will need to ensure they (contd.):**
 - Adhere to the suggested file naming convention:
 - <MP Code>-NGET-<Report Name>-<Sequence Number>-<Revision Number>.
 - Provide the following to National Grid:
 - BMU ID and BMU EIC code
 - Company name and EIC code.
 - FTP folder location, server IP address / name, username and passwords.

- **Participants should indicate their:**
 - Preferred method of interaction with system.
 - Willingness to provide sample XML data file for reports.

Testing approach and timelines

- Network Access Test (NAT) to verify if firewall is open between ELEXON and MODIS server
- Network Access Test (NAT) to verify if firewall is open between MP's server and MODIS server
- Integration Testing with ELEXON
- Integration Testing with MP's
 - Manual Data Entry / File Upload
 - FTP Mechanism
 - Web Services Interface
- End-to-end testing From MP to NG to ELEXON

Timelines

Week #	1	2	3	4	5	6	7	8	9	10	11	12
Week Start Date	4-Aug	11-Aug	18-Aug	25-Aug	1-Sep	8-Sep	15-Sep	22-Sep	29-Sep	6-Oct	13-Oct	20-Oct
Network Access Test												
Integration Testing with ELEXON												
Integration Testing with MPs												
End to End Testing												

Feedback on design of Industry system design

- Your opportunity to ask questions of our solution team on market participant system design....

Lunch



Update on GB Local Issuing Office (LIO)

- National Grid has registered with ENTSO-E as the LIO for Great Britain
- All Generation, Production and Consumption Units with current BMU registrations as of **01 October 2014** will be issued with EIC codes “W” code
- In addition, if not already allocated a “market participant” (trading party) responsible for these assets will receive an EIC “X” code at the same time
- Some relevant Transmission Network including offshore assets will also be registered with EIC codes as of 01 October
- A Business process will be set-up to deal with any asset registrations after the end of September
- A Business Process will be set up to go live to register Market Participant – Trading Agent registrations as of 01 October
- The LIO process will be incorporated into the design of EBS system processes for EBS – full system go-live

Article 10.1c update OFTOs

Availability of off-shore infrastructure

- In order to meet the Transparency requirements around reporting of OFTO unavailability, NGET is proposing a modification to the STC code
- This mod will clarify the roles of the OFTOs and NGET such that the required data can be entered into MODIS by NGET and sent to the EU Platform within the required timescales
- The STC modification will be raised at the STC Panel meeting on 30 July and will then follow the established process (e.g. public consultation and Authority decision)

Next steps?

- More briefing sessions?
- NG primary contacts are:
 - Alex Haffner (alex.haffner@nationalgrid.com)
 - Richard Price (richard.j.price@nationalgrid.com)
 - Melanie Jackson (melanie.jackson@nationalgrid.com)
 - Kam Siu (kam.siu@nationalgrid.com)

Alex Haffner and Richard Price on business related matters.

Melanie Jackson and Kam Siu on IS related matters.

Feedback on the session

- Please let us know how you felt today's session?
- Facilities provided OK?
- Location OK?

Thank you for coming and have a safe journey home.

End

Last slide