

February 2021 Standalone Release Participant Test Strategy and Test Plan

Date and time	16/12/2020	Purpose	For Information
To	CVA Programme Circulars, SVA Release Circular distribution	From	Releases@elxon.co.uk

Title February 2021 Standalone Release Participant Test Strategy and Test Plan

What is the Purpose and Overview?

This document specifies Elexon's Industry test approach and plan used to verify the quality of changes taking place during the February 2021 Standalone Systems Release.

Below P408 changes in scope for the February 2021 Standalone Release:

[P408](#) – Grid Code Modification GC0130

P408: Scope of Change

P408 change is driven by Grid Code Modification GC0130 "OC2 Change for simplifying 'output useable' data submission and utilising REMIT data". This modification changes the way in which Generators' outage and availability data is submitted to National Grid Electricity System Operator (NGESO), and then published to the BMRS by NGESO.

As part of this change, the data flows from NGESO to BMRA will change. A number of certain input file types in the below table marked in **red** will be discontinued and new file types in **Green** will be introduced. In addition, instead of the current situation with some flows being sent daily and some only being sent twice a year, all data will be sent at least once a day, potentially up to once an hour. The formats of the data files will be largely unchanged.

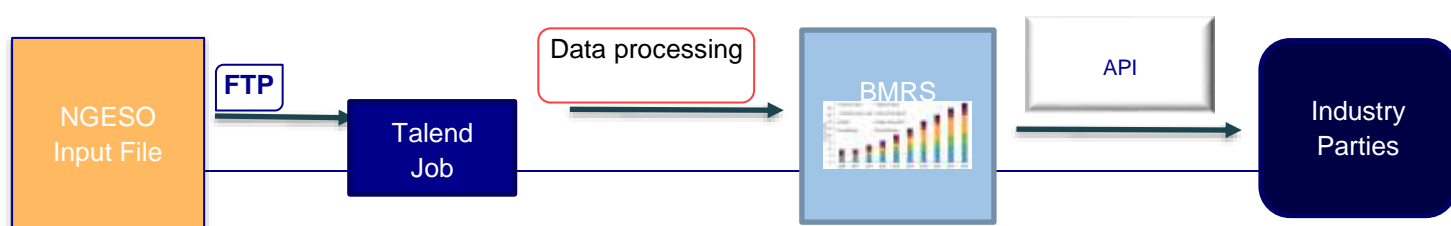
File Type	2-14 day	2-49 day	2-52 week	1 year	2 year	3 year	4 year	5 year	2-156 week
National Output Usable	NOU2T14D Unchanged	NOU2T49D Already Obsolete	NOU2T52W Unchanged	NOU1Y Delete	NOU2Y Delete	NOU3Y Delete	NOU4Y Delete	NOU5Y Delete	NOU2T3YW New
Zonal Output Usable	ZOU2T14D Delete	ZOU2T49D Already Obsolete	ZOU2T52W Delete	ZOU1Y Delete	ZOU2Y Delete	ZOU3Y Delete	ZOU4Y Delete	ZOU5Y Delete	
National Surplus	OCNMFD Unchanged		OCNMF2W Unchanged						OCNMF3Y New
National Margin	OCNMFD2 Unchanged		OCNMF2W Unchanged						OCNMF3Y2 New
Output Usable by Fuel Type	FOU2T14D Unchanged		FOU2T52W Unchanged						FOU2T3YW New

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Output Usable by BMU & Fuel Type	UOU2T14D Unchanged		UOU2T52W Unchanged						UOU2T3YW New
National Demand	NDFD Unchanged		NDFW Unchanged						
Transmission System Demand	TSDFD Unchanged		TSDFW Unchanged						

P408 Test Scope

The following diagram summarises the data flow for P408:



P408 New File Data for 2-156 Weeks Ahead

Below are the new file types introduced as part of the P408 change. The data resulting from these files can be accessed from the BMRS Website, APIs, TIBCO and Data Push Service

File Type	2-156 Week
National Output Usable	NOU2T3YW
National Surplus	OCNMF3Y
National Margin	OCNMF3Y2
Output Usable by Fuel Type	FOU2T3YW
Output Usable by BMU and Fuel Type	UOU2T3YW

Additional Testing for P408

Since the following data types are introducing additional 2-156 week data, please test these to confirm that existing “2-14 days” and “2-52 week” outputs are working as expected.

File Type	2-14 Days	2-52 week
National Output Usable	✓	✓
National Surplus	✓	✓
National Margin	✓	✓
Output Usable by Fuel Type	✓	✓
Output Usable by BMU & Fuel Type	✓	✓

Using API for Testing

For API Users, please refer to the table below for the list of new APIs for P408. For more details, please refer to the [guide](#)

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File Type New Change	File Data
New National Output Useable Data (NOU2T3YW)	2-156 Weeks Ahead
New National Surplus and Demand (OCNMF3Y and OCNMF3Y2)	2-156 Weeks Ahead
New National Output Useable by Fuel Type and BM Unit (UOU2T3YW)	2-156 Weeks Ahead

Dates for Industry Testing (with Participants) and communication

Industry participants who would like to take part in this testing for February 2021 Standalone Release, please send your confirmation to releases@elexon.co.uk with your details and contact person from your organisation by 24 December 2020

Proposed test dates are between 11 January 2021 and 22 January 2021. Exact dates for Industry Testing will be confirmed upon request to participate in testing.

Defect Management Approach

During Participant testing if any defects/observations found, participants are asked to send an email to Elexon at (releases@elexon.co.uk) in the format below with the subject "February 2021 Standalone Release Defects/Observation"

Defect/Observation detail	Expected behaviour	Actual behaviour	Steps to reproduce including screen shots

- Defects should have a brief description with screenshots
- Provide necessary steps to reproduce defect/observation

All defects will be triaged and once the defects are fixed, you may be asked to retest the defects to make sure they are correct.