

ELEXON

BCB Meeting 6

11 February 2022

Agenda

No.	Agenda item	Time	Lead
1	Introductions	10:30	Reza
2	Impact of Recent Market Volatility Decisions Update Progress Report	10:35	Angus
3	Insights Solution Review of Release 1, Demo, and Feedback	10:55	Zaahir
4	Break	11:20	
5	Insights Solution: Release 2 Roadmap	11:30	Zaahir
6	Insights Solution: Release 2: Key Questions	12:00	Raam / Zaahir
6	Issue 95 TIBCO	12:30	Zaahir
7	AOB	12:45	

Analysis and Insight BAU: Impact of Recent Market Volatility

The impacts of record energy prices and subsequent failing suppliers has been felt industry-wide.

The Analysis and Insight team has delivered further reporting and increases in analysis requests and BAU activities during this period:

- Three new segments to the Trading Operations Report
 - Notably, the tracking of failing suppliers and the Default Funding Share
- New methodology for the Credit Assessment Price Review process
 - The new methodology allows the CAP to be set more quickly using a wider range of data sources
 - New analysis within consultations provides forecasts and further information on changing CAP values
- CAP reviews have increased due to energy price volatility
 - In Q3 and Q4 of 2021 there were 17 CAP reviews; compared to 7 in the same period of 2020.
- Fielding an increase in customer queries
 - 85% more queries to our team through the BSC Service Desk and into the Analysis and Insight mailbox, compared to 2020 in the period September to February

Do BCB Members have any feedback on the work we have done in this period and are there any areas they would like to see more analysis and reporting?

Decisions Update and Progress Report

Decisions Update:

- We have no decisions for the BMRS Change Board for this meeting
- The BSC Panel approved a paper setting the cost of P114, P315 and P30 data to £0 following submissions of Open Data Requests related to the data
 - P114 industry consultation is currently being reviewed and due to be published on Monday 14 February 2022
 - P30 and P315 industry consultation papers are being drafted for publication as soon as possible

We do have plans to utilise the Insights Solution as a publish location for Open Data Requests, such as the request relating to P114 data. Relevant data items will be added to the backlog to allow for quick wins and synergies to be identified and prioritised accordingly.

The migration of BMRS is the current focus of the Insight Solution.

Stage	Number of Requests
Assessment	7
Triaging, Classification and Mitigation being determined	3
Out for Consultation	2 (pending)
Processed	5
Total	17

Insights Solution - Review of Release 1 + Demo

Insights Solution was launched in Alpha in October and subsequently in Beta

Scope covers Generation/Interconnector data

We gathered feedback from users

- Positive feedback received on refreshed visualisation website, additional functionality
- Developer Portal was well received
- API endpoints provided improved flexibility
- Performance of website download could be improved
- API was flexible but perhaps difficult to use
- Pagination created confusion (in particular CSV users)
- Performance generally okay but further tuning needed

NEXT : Demo of the Website and design

Release 2 Roadmap and Beyond

Release 2 started in January 2022 – May 2022

Scope includes the following reports which will be both API and Website

- Day/Day Ahead Demand Data
- Day/Day Ahead Demand Margin
- 2-14D Ahead Demand
- 2-52W Ahead Demand
- 2-156 Surplus
- 2-156 Margin
- Initial Demand Outturn
- Temperature Data
- System Warnings* (not currently received through existing interface with NGESO)
- System Frequency
- Peak Wind Forecast
- Wind Forecast and Outturn

In addition, we will start work on Gate Closure/Physical Data as well as working on a Data Exchange PoC with NGESO

Technology choices & user requirements for next generation of DPS

Exploring different ways to group the data

- By datasets (demand, generation, balancing etc.)
- By timeframe (historical, live, forecasts)
- Taking a temporary, unopinionated approach – “Other” category

Rationalising the datasets

- To make a more intuitive experience with logical groupings
- To make navigation easier with less pages

Insights Solution - Release 2: Key Questions - Navigation

Home					
Demand		Generation			Balancing
Demand Forecasts	Actual Demand	Generation Forecasts	Actual Generation	Unavailability of Generation and Production Units	BM Unit Data
	<ul style="list-style-type: none"> Rolling System Demand 	<ul style="list-style-type: none"> 2-14 Day Ahead Output Usable 2-52 Week Ahead Output Usable 2-156 Week Ahead Output Usable 	<ul style="list-style-type: none"> Generation By Fuel Type Interconnector Flows 		
<ul style="list-style-type: none"> Day and Day Ahead Demand 2-14 Day Ahead Demand 2-52 Week Ahead Demand Day and Day Ahead Margin 2-156 Margin 2-156 Surplus 	<ul style="list-style-type: none"> Initial Demand Outturn Rolling System Frequency 	<ul style="list-style-type: none"> Wind Forecast Outturn Peak Wind Generation Forecast 		<ul style="list-style-type: none"> Temp Data 	<ul style="list-style-type: none"> System Zone Mapping



Home				
Demand		Generation		Other
	<ul style="list-style-type: none"> Rolling System Demand 	<ul style="list-style-type: none"> 2-14 Day Ahead Output Usable 2-52 Week Ahead Output Usable 2-156 Week Ahead Output Usable 	<ul style="list-style-type: none"> Generation By Fuel Type Interconnector Flows 	
<ul style="list-style-type: none"> Day and Day Ahead Demand 2-14 Day Ahead Demand 2-52 Week Ahead Demand Day and Day Ahead Margin 2-156 Margin 2-156 Surplus System Zone Mapping 	<ul style="list-style-type: none"> Initial Demand Outturn 	<ul style="list-style-type: none"> Wind Forecast Outturn Peak Wind Generation Forecast 		<ul style="list-style-type: none"> Rolling System Frequency Temp Data

Insights Solution - Release 2: Key Questions – Rationalising the demand datasets

	National Demand forecast	Tr Sys Demand forecast	Ind Gen	In Dem	Surplus	Margin	Ind Margin	Ind Imbal
Day/Day ahead Margin							X	X
Zones							Z	Z
Day/Day ahead Demand	X	X	X	X				
Zones		Z	Z	Z				
2-14 Day Ahead Demand	X	X			X	X		
Zones								
2-52 Weeks Ahead Demand	X	X			X	X		
Zones								
2-156 Margin/Surplus					X	X		
Zones								

Red - All Day/Day Ahead data

Green - Demand (Day and Day Ahead, 2-14d and 2-52w)

Blue - Surplus and margin (2-14d, 2-52w, 2-156w)

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THANK YOU
