

DCR for BMRA URS, P243 and P244

To avoid unnecessary duplication between the URSs and IDD, detailed descriptions of the interfaces will be removed from URSs on an opportune basis. For BMRA, the URS will continue to list the interface flows that form part of the overall BMRA requirements, but the detail of these flows will be held in the IDD.

Note there is no direct impact on the BMRA URS from P244. The changes required for P243 are to add the reference to the Modification into the URS' requirement summary matrix, and to modify Appendix C to explain how the BMRA is required to handle the new data flows.

6.2.5 Requirement Summary Matrix

CP736	BMRA-I006 BMRA-I011	
CP975	BMRA-I001	
P219	BMRA-I003 BMRA-I005	
P220	BMRA-I003 BMRA-I005	
P226	BMRA-I024	
P243	BMRA-I003 BMRA-I005	



Appendix C BMRA external data flow timings and formats

C.1 System Operator System Related Data (BMRA-I003 and BMRA-I005 (partial))

DATA ITEM	[NGC IS] Reference and Flow Acronym	BSC Section Q Ref	TIMING (when issued by SO)	COVERAGE	FORMAT
2-14 days ahead (TSDFD) Transmission System demand forecast	5.1.3 TSDFD	6.1.3	By 1500hrs each day	Data for D+2 to D+14	Tabular and graphic (½ hour average MW value for the peak of the day)
2-14 days ahead (NDFD) National demand forecast	5.1.2 NDFD	6.1.3	By 1500hrs each day	Data for D+2 to D+14	Tabular and graphic (½ hour average MW value for the peak of the day)
2-52 weeks ahead (TSDFW) Transmission System demand forecast	5.1.3 TSDFW	6.1.2(b)	By 1500hrs each Thursday	Data for Week+2 to Week+52	Tabular and graphic (½ hour average MW value for the peak of the week)
2-52 weeks ahead (NDFW) National demand forecast	5.1.2 NDFW	6.1.2(a)	By 1500hrs each Thursday	Data for Week+2 to Week+52	Tabular and graphic (½ hour average MW value for the peak of the week)
2-14 days ahead (SPLD) National surplus forecast	5.1.1 OCNMFD	6.1.4	By 1600hrs each Business Day	Data for D+2 to D+14	Tabular and graphic (½ hour average MW value for the peak of the day)

2-52 weeks ahead (SPLW) National surplus forecast	5.1.1 OCNMFW	6.1.2(b)	By 1700hrs each Friday	Data for Week+2 to Week+52	Tabular and graphic (½ hour average MW value for the peak of the week)
<u>2-14 days ahead National Generating Plant Demand Margin</u>	<u>16.2.1 OCNMFD2</u>	<u>6.1.4</u>	<u>By 1600hrs each Business Day</u>	<u>Data for D+2 to D+14</u>	<u>Tabular and graphic (½ hour average MW value for the peak of the day)</u>
<u>2-52 weeks ahead National Generating Plant Demand Margin</u>	<u>16.2.1 OCNMFW2</u>	<u>6.1.2</u>	<u>By 1700hrs each Friday</u>	<u>Data for Week+2 to Week+52</u>	<u>Tabular and graphic (½ hour average MW value for the peak of the week)</u>
<u>Output Usable data</u>	<u>National 16.1.2</u>				
	<u>NOU2T14D</u> 6.1.4A(a) <u>NOU2T49D</u> 6.1.2B(a)		<u>By 1600hrs each Business Day</u> <u>Once every month</u>	<u>Data for D+2 to D+14</u> <u>Data for D+2 to D+49</u>	<u>Download (½ hour average MW value for the peak of the day)</u>
	<u>NOU2T52W</u> 6.1.2A(a) <u>NOUY1</u> 6.1.4B(a) <u>NOUY2</u> 6.1.4B(a) <u>NOUY3</u> 6.1.4B(a) <u>NOUY4</u> 6.1.4B(a) <u>NOUY5</u> 6.1.4B(a)		<u>By 1700hrs each Friday</u> <u>Every 6 months</u> <u>Every 6 months</u> <u>Every 6 months</u> <u>Every 6 months</u> <u>Every 6 months</u>	<u>Data for Week+2 to Week+52</u> <u>Data for Year+1</u> <u>Data for Year+2</u> <u>Data for Year+3</u> <u>Data for Year+4</u> <u>Data for Year+5</u>	<u>Download (½ hour average MW value for the peak of the week)</u>

	<u>Zonal 16.1.1</u> <u>ZOU2T14D</u> 6.1.4A(d) <u>ZOU2T49D</u> 6.1.2B(b) <u>ZOU2T52W</u> 6.1.2A(d) <u>ZOUY1</u> 6.1.4B(b) <u>ZOUY2</u> 6.1.4B(b) <u>ZOUY3</u> 6.1.4B(b) <u>ZOUY4</u> 6.1.4B(b) <u>ZOUY5</u> 6.1.4B(b)	<u>By 1600hrs each Business Day</u> Data for D+2 to D+14 <u>Once every month</u> Data for D+2 to D+49 <u>By 1700hrs each Friday</u> Data for Week+2 to Week+52 <u>Every 6 months</u> Data for Year+1 <u>Every 6 months</u> Data for Year+2 <u>Every 6 months</u> Data for Year+3 <u>Every 6 months</u> Data for Year+4 <u>Every 6 months</u> Data for Year+5	<u>Download (½ hour average MW value for the peak of the day)</u> <u>Download (½ hour average MW value for the peak of the week)</u>
	<u>By Fuel Type 16.1.3</u> <u>FOU2T14D</u> 6.1.4A(b) <u>FOU2T52W</u> 6.1.2A(b)	<u>By 1600hrs each Business Day</u> Data for D+2 to D+14 <u>By 1700hrs each Friday</u> Data for Week+2 to Week+52	<u>Graphic and download (½ hour average MW value for the peak of the day)</u> <u>Graphic and download (½ hour average MW value for the peak of the week)</u>
	<u>By Fuel Type and BM Unit 16.1.4</u> <u>UOU2T14D</u> 6.1.4A(c) <u>UOU2T52W</u> 6.1.2A(c)	<u>By 1600hrs each Business Day</u> Data for D+2 to D+14 <u>By 1700hrs each Friday</u> Data for Week+2 to Week+52	<u>Download (½ hour average MW value for the peak of the day)</u> <u>Download (½ hour average MW value for the peak of the week)</u>

Initial National Day ahead Indicated Margin (MELNGC)	5.3 MELNGC	6.1.6(a)	By 1200hrs each day	Data for the following Operational Day (D+1)	Tabular or graphic -(½ hour average MW values).
Initial National Day ahead Indicated Imbalance (IMBALNGC)	5.3 IMBALNGC	6.1.6(b)	By 1200hrs each day	Data for the following Operational Day (D+1)	Tabular or graphic (½ hour average MW values).
Initial National Day ahead Indicated Generation (INDGEN)	5.3 INDGEN	6.1.6(c)	By 1200hrs each day.	Data for the following Operational Day (D+1)	Tabular or graphic (½ hour average MW values).
Initial National Day ahead Indicated Demand (INDDEM)	5.3 INDDEM	6.1.6(d)	By 1200hrs each day.	Data for the following Operational Day (D+1)	Tabular or graphic (½ hour average MW values).
Updated Day ahead National demand forecast (NDF)	5.3.1 NDF	6.1.6(e)	By 1200hrs each day	Data for the following Operational Day (D+1)	Tabular or graphic (½ hour average MW values).
Updated National Grid Transmission System Demand Forecast (TSDF)	5.3.1 TSDF	6.1.6(f)	By 1200hrs each day	Data for the following Operational Day (D+1)	Tabular or graphic (½ hour average MW values).
Current Day and Day Ahead Updated Market Information (MELNGC, IMBALNGC, INDGEN, INDDEM, NDF and TSDF)	National 5.3.1 NDF 6.1.8(a) MELNGC 6.1.8(b) IMBALNGC 6.1.8(c) INDDEM 6.1.8(d) INDGEN 6.1.8(e) TSDF 6.1.8(k)		By 0200hrs Data for 0200D to 0500D+1 By 1000hrs Data for 1000D to 0500D+1 By 1600hrs Data for 0500D+1 to 0500D+2 By 1630hrs Data for 1630D to 0500D+1 By 2200hrs Data for 2200D to 0500D+2		Tabular, graphic and pictorial (½ hour average MW values).

Current Day and Day Ahead Updated Market Information (MELNGC, IMBALNGC, INDGEN, INDDEM and TSDF)	Zonal 5.3.2 TSDF 6.1.8(f) MELNGC 6.1.8(g) IMBALNGC 6.1.8(h) INDDEM 6.1.8(i) INDGEN 6.1.8(j)		By 0200hrsData for 0200D to 0500D+1 By 1000hrsData for 1000D to 0500D+1 By 1600hrsData for 0500D+1 to 0500D+2 By 1630hrsData for 1630D to 0500D+1 By 2200hrsData for 2200D to 0500D+2	Tabular, graphic and pictorial (½ hour average MW values).	
Initial National Demand Out-turn (INDO)	7.0 INDO	6.1.13	Within 15 minutes of the end of the settlement period	Data for previous Settlement Period	Tabular and graphic
Initial Transmission System Demand Out-turn (ITSDO)	7.0 ITSDO	6.1.13	Within 15 minutes of the end of the settlement period	Data for previous Settlement Period	Tabular and graphic
System warnings (SYS_WARN)	SYSWARN	n/a	Within 15 minutes of issue to MCUSA signatories	n/a	Textual
Temperature (TEMP)	14.0 TEMP	6.1.15	By 1700hrs each day	Data for the previous Operational Day (D-1)	Tabular and graphic
Reference Temperature (REFTEMP)	N/A	6.1.16	By 1700hrs each day	Data for the previous Operational Day (D-1)	Tabular and graphic
Wind Generation Forecast (WINDFOR)	15 WINDFOR	6.1.17	By 1700hrs each day	Data for D to D+2	Tabular and graphic
Instantaneous Generation by Fuel Type (FUELINST)	12 FUELINST	6.1.18	Every 5 minutes	Data for previous 5 minutes	Tabular and graphic
Half Hourly Generation by Fuel Type (FUELHH)	12.FUELHH	6.1.19	Within 15 minutes of the end of the settlement period	Data for previous Settlement Period	Tabular and graphic
Non-BM STOR (NONBM)	16 NONBM	6.1.22	Within 15 minutes of the end of the settlement period	Data for previous Settlement Period	Tabular and graphic
System Frequency (FREQ)	13 FREQ	6.1.23	Every 2 minutes	Data for previous 2 minutes	Tabular and graphic

Initial National Demand Out-Turn Daily (INDOD)	7 INDOD	6.1.21	By 1700hrs each day	Data for the previous Operational Day (D-1)	Tabular and graphic
Reference Initial National Demand Out-Turn Daily (REFINDOD)	N/A	6.1.21	By 1700hrs each day	Data for the previous Operational Day (D-1)	Tabular and graphic

Notes: All forecast data is sourced from the System Operator.

In the event that a forecast update is not received from the System Operator, the BMRA shall display the most recent forecast value for that time.

If an initial forecast is not received from the System Operator, the BMRA shall display nothing.

All data is published within 5 minutes of receipt by BMRA

Where data is scheduled to be issued on a Friday and this is a non-working day, it will be published on the Thursday instead