ELEXON

Update to P427 Peer Comparison data

BSC Panel

Date of meeting	**8 February 2024**	Paper number	**347/04**
Owner/author	**Sean Dryden-Woods**	Purpose of paper	**Decision**
Classification	**Public**	Document version	**1.0**

Summary **The BSC Panel is invited to approve the routine publication of Unmetered Supplies (UMS) data via the Peer Comparison under modification P427.**

1. Purpose

1.1 This paper seeks approval from the BSC Panel to publish Settlement performance data for UMS Non Half Hourly (NHH) Meter System Identifiers (MSIDs) under Modification P427[1].

1.2 Publication of this data will support the aims of Modification P434[2] and Material Error Monitoring (MEM) of erroneous NHH UMS volumes.

2. Background

2.1 Elexon monitors erroneous NHH energy volumes from UMS by comparing data from UMS Operators (UMSOs) and NHH Data Aggregators (DAs). Suppliers are then required to take steps to rectify any discrepancies.

2.2 Additionally, Modification P434 was implemented in December 2022[3], mandating migration of UMS NHH MSIDs to Half Hourly (HH) Settlement by April 2025. This change was made to support the ongoing work for the industry transition to Market-wide Half Hourly Settlement (MHHS).

3. Proposed Update

3.1 Elexon recommends that publishing of Peer Comparison data is expanded to include:

- Details of Suppliers NHH UMS MSID count;
- Details of Suppliers HH UMS MSID count; and
- Details of NHH and HH UMS Megawatt (MW) energy volumes by Settlement run.

3.2 This will be published for the duration of the migration of UMS from NHH to HH Settlement.

3.3 Appendix A provides an example of how this data will be presented. The presentation is consistent with other published Peer Comparison data, to enable comparison between Suppliers

4. Rationale and Benefits

4.1 Elexon believes that this Peer Comparison will incentivise Parties to take the required migration steps. Additionally, Elexon and the Performance Assurance Board (PAB) will be able to identify any issues during migration and deploy other Performance Assurance Techniques as necessary.

[1] Publication of Performance Assurance Parties' impact on Settlement Risk
[2] Half Hourly Settlement for UMS Metering Systems
[3] P434 was implemented on 14 December 2023 as special BSC Release - https://www.elexon.co.uk/mod-proposal/p434/.

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4.2 It is expected that migration of UMS from NHH to HH Settlement will reduce erroneous values in NHH UMS. Encouraging migration through Peer Comparison will therefore also support the existing UMS MEM in reducing error, potentially to a level where the existing UMS MEM reporting can be switched off.

4.3 Alternatively, if erroneous values continue at current rates, this will establish that further action is needed to identify other root causes and take actions to address any issues.

5. PAB Response

5.1 A version of this paper was presented at the **PAB275** meeting on 14 December 2023. The PAB recommended by majority that the BSC Panel be asked to approve the routine publication of Export Settlement Performance data via the Peer Comparison technique under Modification P427.

6. Recommendations

6.1 We invite the BSC Panel to:

a) **APPROVE** the routine publication under modification P427 of UMS NHH MSID count, UMS MSID HH count and UMS NHH and HH run volumes, per Appendix A.

Appendices

Appendix A – Peer Comparison data: UMS Suppliers NHH MSID count; UMS Suppliers HH MSID count; and UMS NHH and HH UMS run volumes.

For more information, please contact:

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Appendix A

Details of Supplier NHH MSID count

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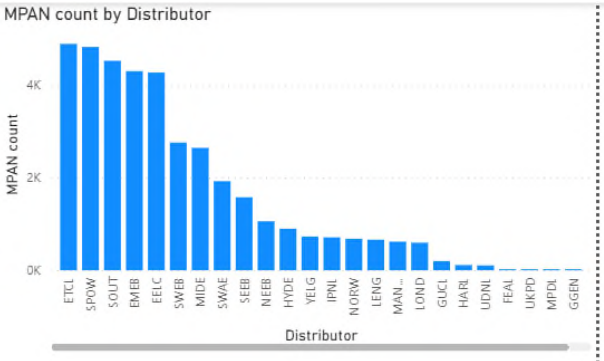
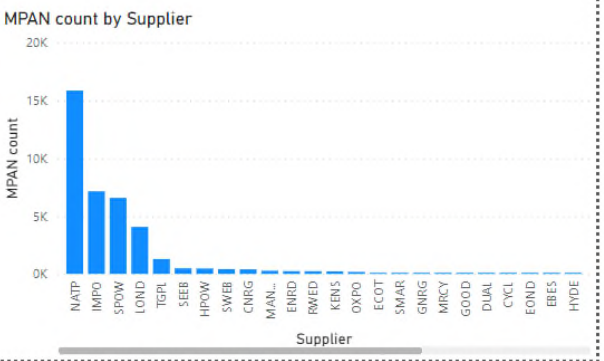
Distributor	_A	_B	_C	_D	_E	_F	_G	_H	_J	_K	_L	_M	_N	_P	Total
ETCL	1038	1058	21	73	453	331	85	511	317	100	352	471	72	6	4888
SPOW													4823		4823
SOUT	12	12	8		2	57	2	4342	14	29	43	2			4523
EMEB		4300													4300
EELC	4269														4269
SWEB											2757				2757
MIDE					2642										2642
SWAE										1923					1923
SEEB									1575						1575
NEEB						1057									1057
HYDE													85	811	896
YELG												728			728
IPNL	132	106	3	18	116	12	14	90	38	31	81	9	57	2	709
NORW							680								680
Total	**5534**	**5725**	**634**	**768**	**3314**	**1563**	**896**	**5055**	**1966**	**2095**	**3281**	**1315**	**5131**	**831**	**38108**

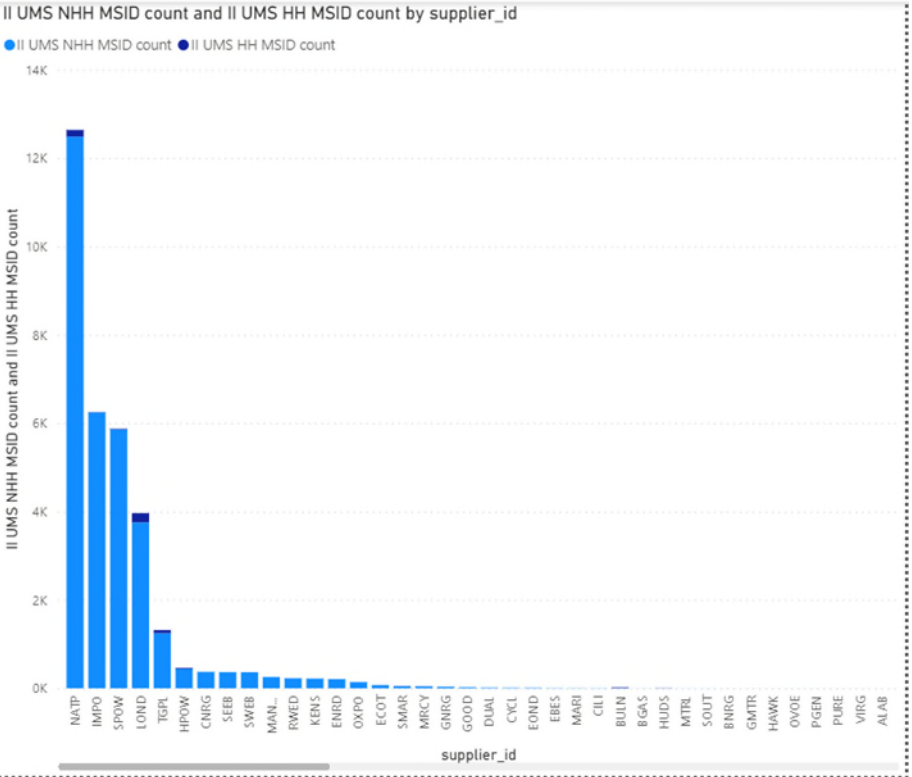


Supplier	_A	_B	_C	_D	_E	_F	_G	_H	_J	_K	_L	_M	_N	_P	Total
NATP	3244	3868	235	176	1883	808	629	1206	815	441	1420	894	216	33	15868
IMPO	634	627	88	59	461	214	63	2312	348	1024	653	101	117	442	7143
SPOW	267	371	27	137	243	162	39	268	87	97	75	98	4626	82	6579
LOND	583	237	224	68	259	282	78	833	133	425	473	88	136	248	4067
TGPL	345	300	25	21	239	27	27	134	19	29	72	30	6	7	1281
SEEB	30	1			1	1		3	441			2		1	480
HPOW	139	32	11	11	35	7	27	113	37	7	29	11	2	2	463
SWEB	2			1	2	1	1	10		16	378				411
CNRG	77	57	5	7	54	6	10	36	13	6	89	24	7		391
MANW				267											267
ENRD	47	46	4	5	30	10	4	33	17	11	10	8	4	3	232
RWED	29	36	4	2	22	25	3	25	3	8	31	37	3		228
KENS	38	94	1	3	27	2	1	26	11	1	12	2			218
OXPO	64	15	5	4	18	4	5	11	5	11	14	7		1	164
ECOT	4	8	1	2	13		1	13	27	2	9	2			82
Total	**5534**	**5725**	**634**	**768**	**3314**	**1563**	**896**	**5055**	**1966**	**2095**	**3281**	**1315**	**5131**	**831**	**38108**



Details of Supplier NHH and HH MSID

supplier_id	II UMS NHH MSID count	II UMS
NATP	12488	149
IMPO	6244	7
SPOW	5860	16
LOND	3756	209
TGPL	1249	70
HPOW	441	21
CNRG	373	0
SEEB	367	0
SWEB	365	1
MANW	256	0
RWED	226	1
KENS	220	0
ENRD	206	2
OXPO	142	0
ECOT	72	2
SMAR	48	5
MRCY	44	2
GNRG	36	0
GOOD	23	0
DUAL	16	0
CYCL	13	0
EOND	13	0
EBES	7	0
MARI	6	0
CILI	5	0
BULN	4	16
BGAS	2	0
HUDS	2	5
MTRL	2	0
SOUT	2	0
BNRG	1	0
GMTR	1	0
HAWK	1	0
Total	**32495**	**507**



NHH and HH run volumes (in MWs)

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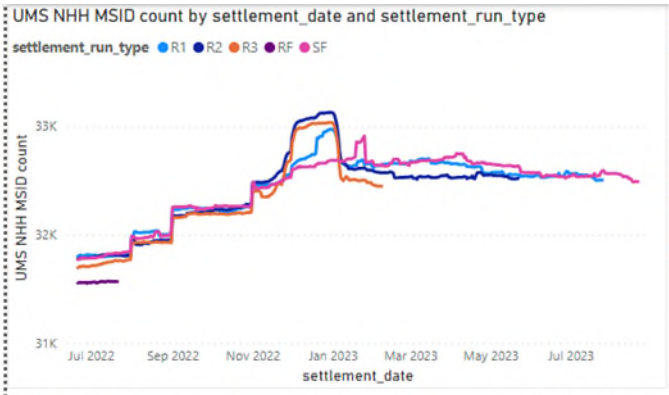
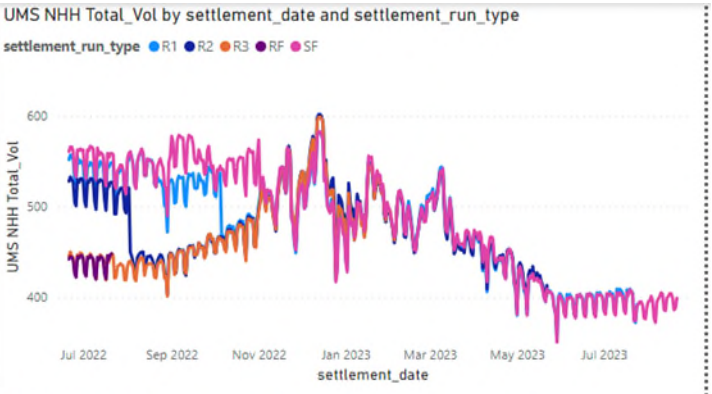
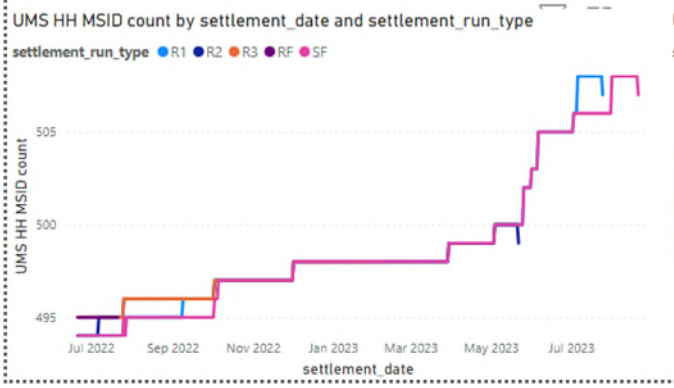
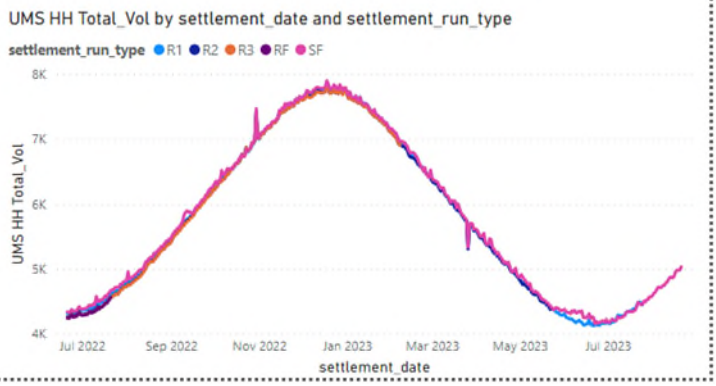

UMS NHH MSID count by settlement_date and settlement_run_type
settlement_run_type R1 R2 R3 RF SF
UMS NHH MSID count
33K
32K
31K
Jul 2022
Sep 2022
Nov 2022
Jan 2023
Mar 2023
May 2023
Jul 2023
settlement_date


UMS NHH Total_Vol by settlement_date and settlement_run_type
settlement_run_type R1 R2 R3 RF SF
UMS NHH Total_Vol
600
500
400
Jul 2022
Sep 2022
Nov 2022
Jan 2023
Mar 2023
May 2023
Jul 2023
settlement_date


UMS HH MSID count by settlement_date and settlement_run_type
settlement_run_type R1 R2 R3 RF SF
UMS HH MSID count
505
500
495
Jul 2022
Sep 2022
Nov 2022
Jan 2023
Mar 2023
May 2023
Jul 2023
settlement_date


UMS HH Total_Vol by settlement_date and settlement_run_type
settlement_run_type R1 R2 R3 RF SF
UMS HH Total_Vol
8K
7K
6K
5K
4K
Jul 2022
Sep 2022
Nov 2022
Jan 2023
Mar 2023
May 2023
Jul 2023
settlement_date

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