

# ELEXON

## RISK REPORT

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## Overview

<b>Id No.</b>	<b>Risk Sub-Category</b>	<b>CVA/SVA</b>	<b>Impact</b>	<b>Target Impact</b>
<b>003</b>	Metering Equipment installation, programming, maintenance and Commissioning	SVA	£45.0m	£42.9m
<b>005</b>	Fault resolution	SVA	£30.0m	£30.0m
<b>007</b>	Retrieval of Metered Data	SVA	£11.8m	£11.8m
<b>012</b>	MTD Technical Details	SVA	£6.1m	£5.9m
	Event 001 – Supplier Agents	SVA	£TBC	£TBC
	Event 011 – Party Failure	Both	£TBC	£TBC
	Event 020 – CVA Market	CVA	£112m	£63m

## Introduction

**Please note:- Since March 2020, Elexon has been working to identify and manage impacts to Settlement Risk introduced by the Covid-19 lock down. In addition, as agreed during the March 2020 Performance Assurance Board meeting, Elexon continues to monitor performance of Parties at this time but is not recommending the deployment of Performance Assurance Techniques, other than in exceptional cases.**

As part of our continuing development of Risk Management within Elexon, this Risk Report has been created to provide the Performance Assurance Board (PAB) with insight and guidance on the Settlement Performance of BSC Parties in 3 market areas, Non Half Hourly (NHH), Half Hourly (HH) and Sub 100kW.

This report contains 4 elements

- 1. An overview of Market level performance in each market segment**
- 2. An insight into High and Low performing Parties at each Settlement Run**
- 3. The result of further investigations into each Party identified as poor performing.**
- 4. Recommendations**

In order to produce this report, Elexon carries out an initial assessment of Parties' performance at each Settlement Run. Where poor performance is identified, the Risk Manager will flag Parties for further investigation. During the investigation period, Elexon will consider input from the Operational Support Manager (OSM) and Risk Owners, to provide a detailed overview of the performance challenges faced by each Party. Our recommendations to the PAB considers appropriate and effective deployment of Performance Assurance Techniques (PATs) to restore performance in line with BSC obligations.

The PAB should consider these recommendations, provide challenge to them and determine the next steps to take in each case.

## Market Level Reporting – SVAA SF data analysis

The table below compares the change in MWh Volume submitted to SVAA, across Non Half Hourly, Half Hourly and Sub 100kW Market segments before and after lockdown restrictions were applied, following the COVID-19 outbreak.

	PRE-COVID DATA (9 <sup>th</sup> March - 15 <sup>th</sup> March)			POST COVID - WEEK 31 (12 <sup>th</sup> Oct 20 - 25 <sup>th</sup> Oct 20)			Week on Week Change		Lockdown Change		Year on Year Change	
	Act	Est	Total Volume	Act	Est	Total Volume	Volume (MWh)	Prop. Vol (%)	Volume (MWh)	Prop. Vol (%)	Volume (MWh)	Prop. Vol (%)
NHH/MC A	37,432	364,394	401,826	37,413	331,448	368,861	11,982	3.84%	-40,573	-9.91%	5,548	1.53%
HH/MC C	327,217	6,897	334,114	300,141	9,250	309,391	3,072	1.00%	-24,723	-7.40%	-6,959	-2.20%
Sub 100kW/MC E	31,409	1,470	32,880	23,427	1,364	24,792	667	2.77%	-8,088	-24.60%	N/A	N/A
Sub 100kW/MC F	503	99	602	445	27	472	-1	-0.27%	-130	-21.62%	N/A	N/A
Sub 100kW/MC G	11,317	815	12,132	8,439	710	9,149	154	1.71%	-2,983	-24.58%	N/A	N/A
<b>Total (MWh)</b>	<b>407,879</b>	<b>373,675</b>	<b>781,555</b>	<b>369,866</b>	<b>342,799</b>	<b>712,665</b>	<b>15,874</b>	<b>2.23%</b>	<b>-68,889</b>	<b>-8.81%</b>	<b>-1,411</b>	<b>-0.18%</b>

The weekly average of volumes submitted at the SF Run to SVAA from the week commencing the 9 March 2020 to the week commencing 12<sup>th</sup> October 2020 shows:

- The Market level proportional volume (%) Year on Year has improved markedly from last Risk Report by 4.36% (-0.18%% from -4.54%). During this time (October 2020), lockdown restrictions had largely been lifted.

## Party Level Reporting – DC Submissions

ELEXON has continued to receive and monitor DC submissions of Supplier EAC Adjustments, in line with Covid-19 derogations, details of which can be viewed on the Elexon [website](#).

The investigation of data has gone through a number of different stages in order to collate and understand the submissions, including:-

- Working with DCs to understand how data has been submitted and can be managed
- Creation of a template to enable submissions to be easy and uniform
- Collation of data submitted
- Investigating data trends and anomalies, such as submissions of zero EACs and Identical EACs submitted for groups of MPANs
- Highlighting concerns to Parties via Operational Support Managers (OSMs)

### Party Level DC Submissions - Non Half Hourly (Profile Class breakdown)

Supplier	Domestic (PC 1 & 2)	Non-Domestic (PC 3 & 4)	PC 0, 5-8	Total
<b>Total</b>	<b>30,172</b>	<b>368,391</b>	<b>2,785</b>	<b>401,348</b>

### NHH DC Submissions - Continued

#### Percentage of Positive Adjustments to EACs per Supplier Id and Profile Class

The table below shows the number of positive EAC amendments made by each Supplier within the Non Half Hourly submissions received by Elexon, indicating a higher volume of energy being consumed during the lockdown period compared to pre-lockdown.

Domestic (PC 1 & 2)			Non-Domestic (PC 3 & 4)		
MSIDs	Positive Adjustment	%	MSIDs	Positive Adjustment	%
29151	622	2.13%	348806	11688	3.35%

#### NHH Submissions with Effective To Date.

The tables below represent the submissions received with an Effective To Date within the EAC adjustment (to provide an end to the derogated EAC). The majority of submissions do not have an ETD, however, some parties continue to include this information in the majority of their submissions

Domestic (PC 1 & 2)			Non-Domestic (PC 3 & 4)		
MSIDs	ETD received	Percentage	MSIDs	ETD received	Percentage
30172	14657	48.58%	368391	57757	15.68%

## HH MPANs in Derogation process now receiving actual data

This table provides a view of how HH Suppliers are now acquiring actual data on sites within the derogation process. It should be noted that the figures reported, covering submissions to end of October 2020, have changed by less than 0.2% overall from last months reported figures (End of September 2020).

Total Number of MSIDs	MSIDs with All Actual Flags	%
9231	2941	31.86%

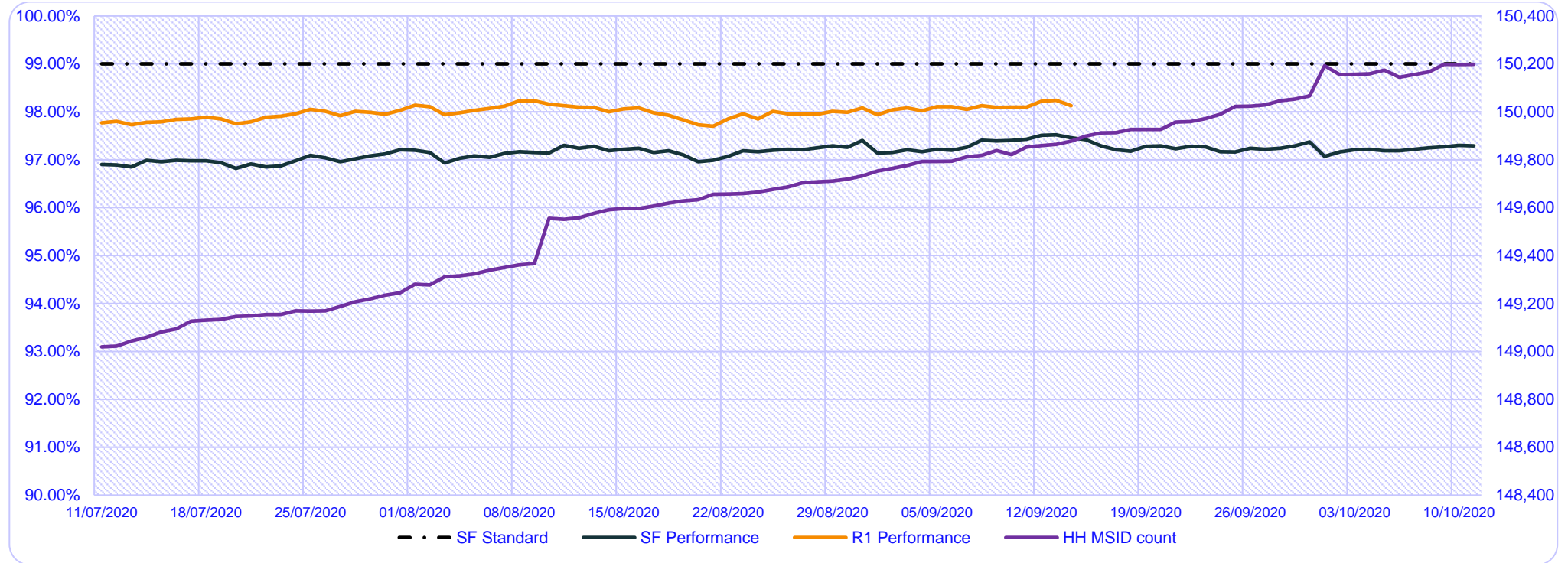
## HH MPANs in Derogation process now receiving actual data (by Measurement class)

The table below echoes the overall HH table above, with little change across each Measurement Class from last month's submission report.

	C			E			G		
Supplier	Total Number of MSIDs	MSIDs with All Actual Flags	%	Total Number of MSIDs	MSIDs with All Actual Flags	%	Total Number of MSIDs	MSIDs with All Actual Flags	%
<b>Total</b>	<b>4526</b>	<b>1504</b>	<b>33.23%</b>	<b>2471</b>	<b>785</b>	<b>31.77%</b>	<b>2230</b>	<b>649</b>	<b>29.10%</b>

## Market Performance

HH (MC C) Market



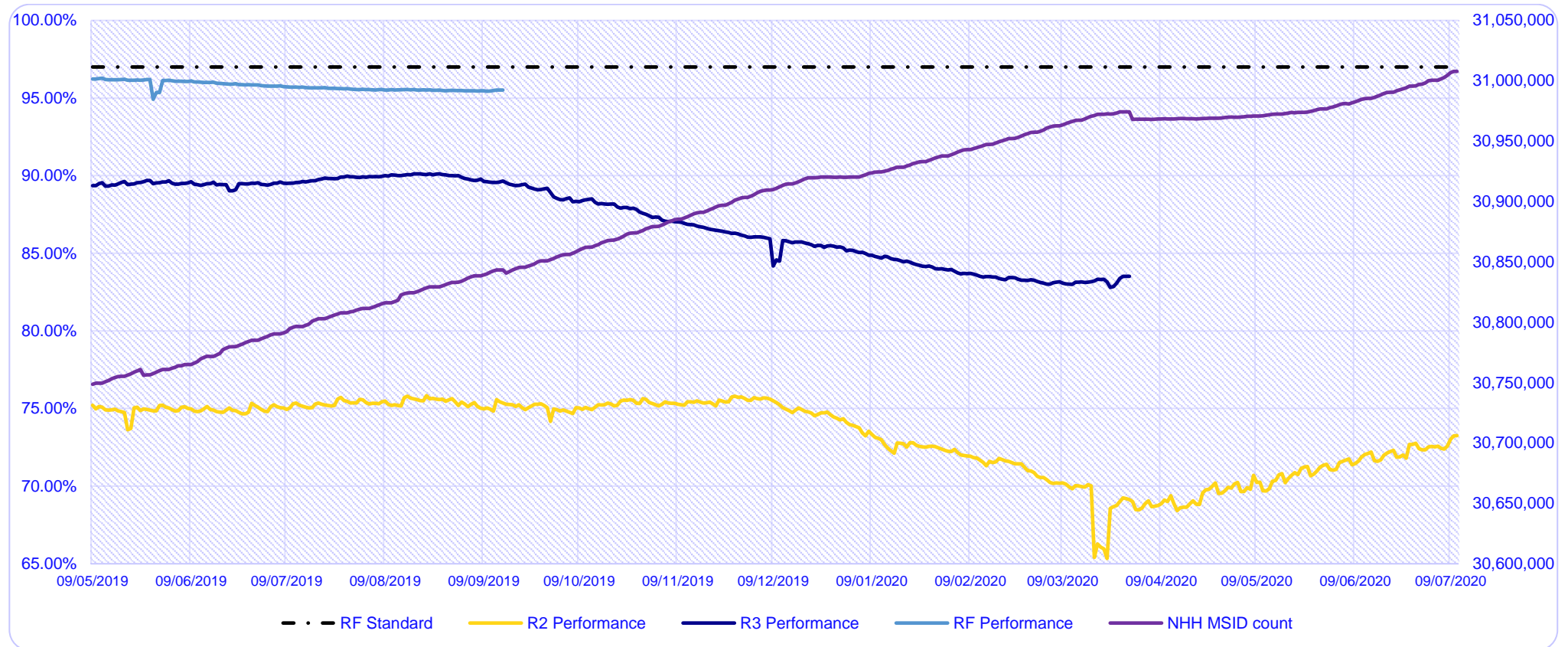
	Aug 2020	Jul 2020	Jun 2020	May 2020	Apr 2020	Mar 2020	Feb 2020	Jan 2020	Dec 2019	Nov 2019	Oct 2019	Sep 2019
Act Volume	8,861,380	8,616,807	7,988,239	7,455,026	7,024,762	9,424,454	9,728,178	10,244,842	9,734,251	10,163,588	10,318,774	9,648,768
Est Volume	180,335	186,081	174,127	250,028	377,519	264,125	98,819	102,656	95,620	88,679	85,655	78,273
Performance	98.01 %	97.89 %	97.87 %	96.76 %	94.90 %	97.27 %	98.99 %	99.01 %	99.03 %	99.14 %	99.18 %	99.20 %
	-89,919	-98,055	-92,504	-172,978	-303,500	-167,244	-550	817	2,673	13,840	18,384	18,987

The graph and table above represents Measurement Class C, HH market level performance in % terms. This measures Metered data across the market and identifies changes in performance at SF and R1 Settlement Runs. In addition the graph shows changes in total Metering System IDs (MSIDs) at SF.

HH Performance appears to be continuing to plateau at .97% at SF and circa.98% at R1 with little notable trend on either Settlement Run. The table below the graph shows steady improvement at RF month on month, reaching 98.01% in August 2020.

## Risk Report

### NHH (MC A) Market



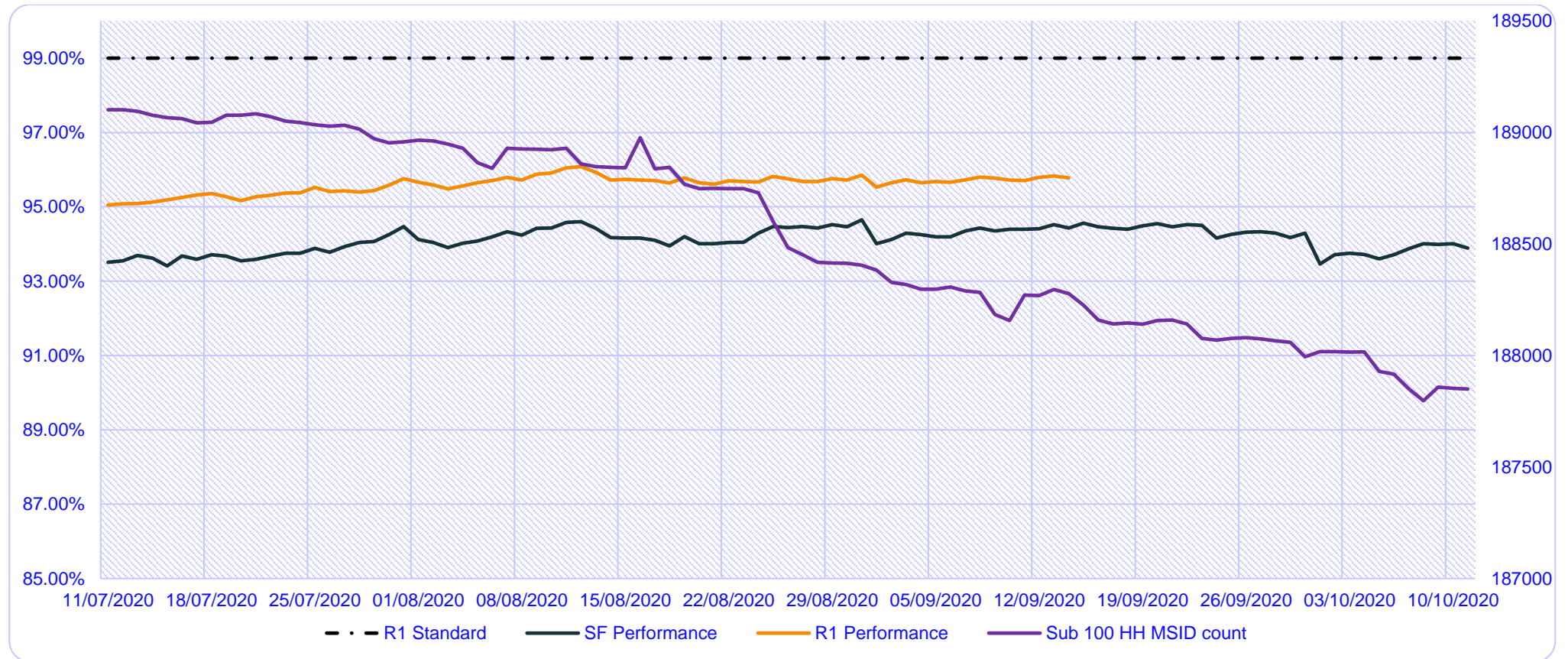
	Aug 2019	Jul 2019	Jun 2019	May 2019	Apr 2019	Mar 2019	Feb 2019	Jan 2019	Dec 2018	Nov 2018	Oct 2018	Sep 2018
Act Volume	8,633,666	8,793,533	8,726,822	9,609,435	10,320,531	11,945,588	11,415,073	13,871,459	13,157,282	12,169,061	10,941,005	9,298,622
Est Volume	404,681	397,241	365,305	388,155	379,759	414,601	375,137	456,578	457,841	449,715	416,550	350,075
Performance	95.52 %	95.68 %	95.98 %	96.12 %	96.45 %	96.65 %	96.82 %	96.81 %	96.64 %	96.44 %	96.33 %	96.37 %
	-133,532	-121,520	-92,548	-88,228	-58,755	-43,804	-21,434	-26,750	-49,395	-71,157	-75,834	-60,622

The graph and table above represents Measurement Class A, NHH market level performance in % terms. This measures Metered data across the market and identifies changes in performance at R2, R3 and RF Settlement Runs. In addition the graph shows changes in total Metering System IDs (MSIDs) at SF.

NHH Performance is beginning to show more significant improved performance at R2 and R3, however RF market level performance remains steady at 95.52% in Aug 2019.



## Sub 100kW Market



	Aug 2020	Jul 2020	Jun 2020	May 2020	Apr 2020	Mar 2020	Feb 2020	Jan 2020	Dec 2019	Nov 2019	Oct 2019	Sep 2019
<b>Act Volume</b>	914,682	850,759	727,227	675,687	651,428	1,043,166	1,158,979	1,230,054	1,195,464	1,186,243	1,121,155	1,000,635
<b>Est Volume</b>	40,673	42,964	44,529	57,326	69,545	63,654	37,723	37,479	37,430	39,598	38,685	36,904
<b>Performance</b>	95.74 %	95.19 %	94.23 %	92.18 %	90.35 %	94.25 %	96.85 %	97.04 %	96.96 %	96.77 %	96.66 %	96.44 %
	-31,120	-34,027	-36,812	-49,996	-62,336	-52,586	-25,757	-24,804	-25,101	-27,341	-27,088	-26,529

The graph and table above represents Measurement Class E, F and G HH market level performance. This measures Metered data across the market and identifies changes in performance at R1 and SF Settlement Runs. In addition the graph shows changes in total Metering System IDs (MSIDs) at SF.

## Risk Report

### Further Information

If you have any questions relating to this Risk Report, or wish to find out more, please contact

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Alternatively, please contact your Operational Support Manager.