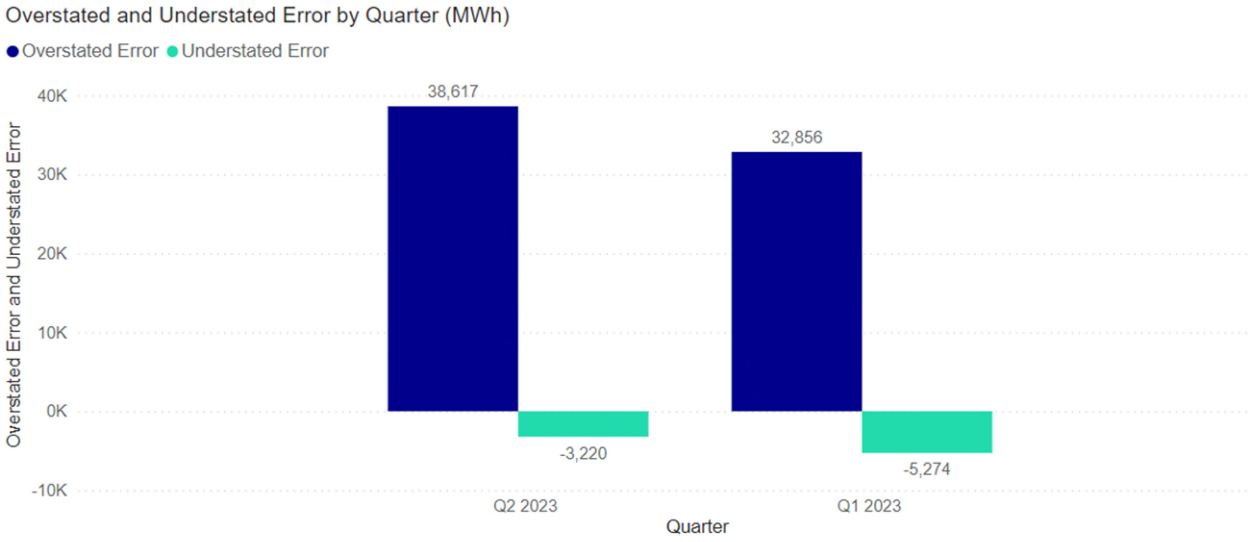
ATTACHMENT A – Q3 2023 UMS MEM Data (Confidential)

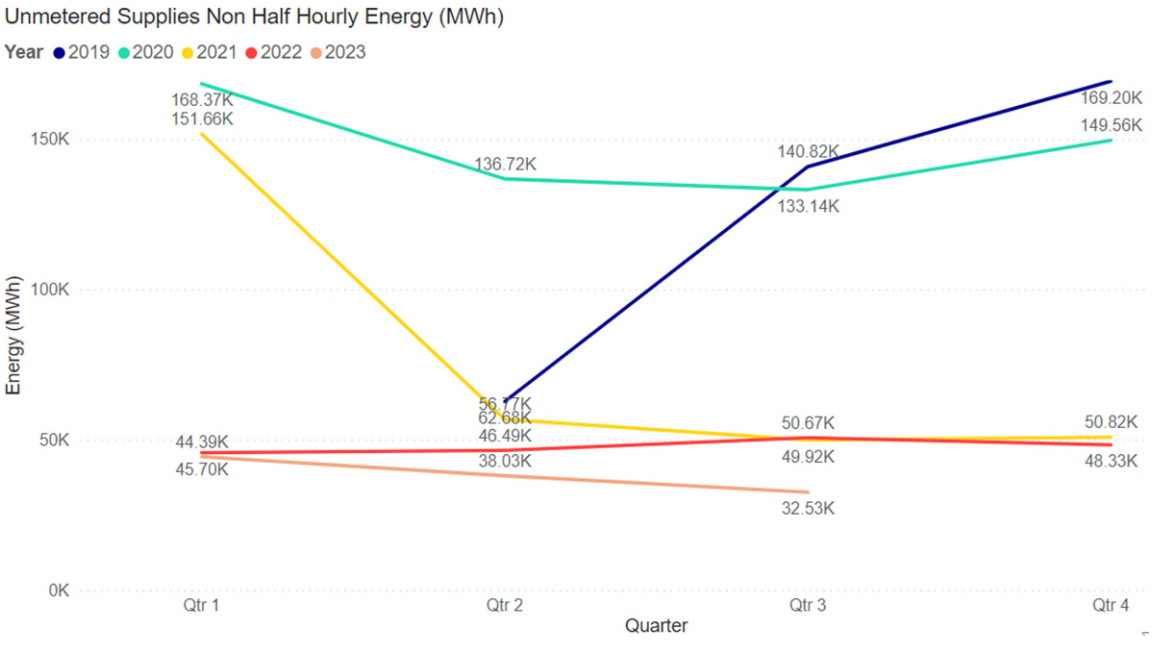
1.1 Graph 1 below provides an aggregated view of the total UMS error for Q2 2023 and Q3 2023. The total gross error has been split into the total overstated and understated error for each quarter. On the assumption that the EACs reported by the UMSO are correct, it tells us whether energy would be overstated or understated in Settlement, if the EAC discrepancy between the NHHDA and UMSO is not resolved. If the NHHDA holds a larger EAC to the UMSO, the error is overstated. If the NHHDA holds a smaller EAC to the UMSO, the error is understated. The Settlement Dates that the snapshots for EAC values were taken on for Q2 2023 and Q3 2023 were 11 May 2023 and 11 August 2023, respectively. There has been a significant increase of error since last quarter.

1.2



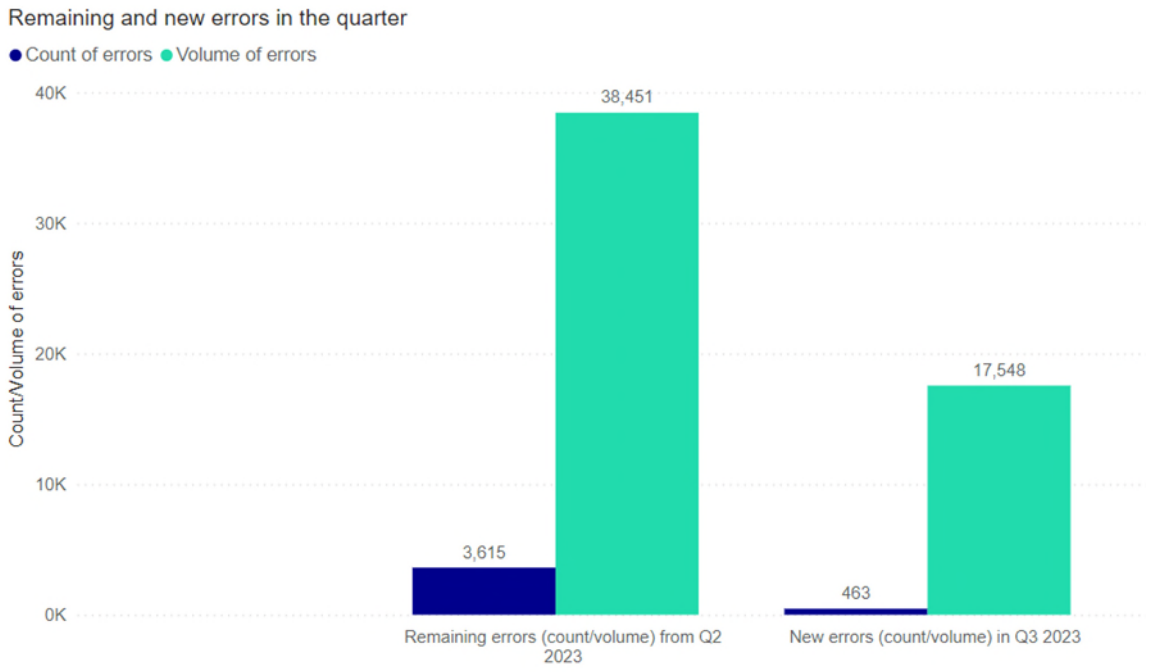
Graph 1 - Total overstated and understated UMS error for Q2 2023 and Q3 2023

1.3 Graph 2 below provides SF Non Half Hourly (NHH) unmetered energy volumes from 2019 to 2023 for context. NHH energy volumes dropped considerably in Q2 of 2021 as a result of the migration of Unmetered Supplies with an over 100kW maximum demand to Half Hourly.



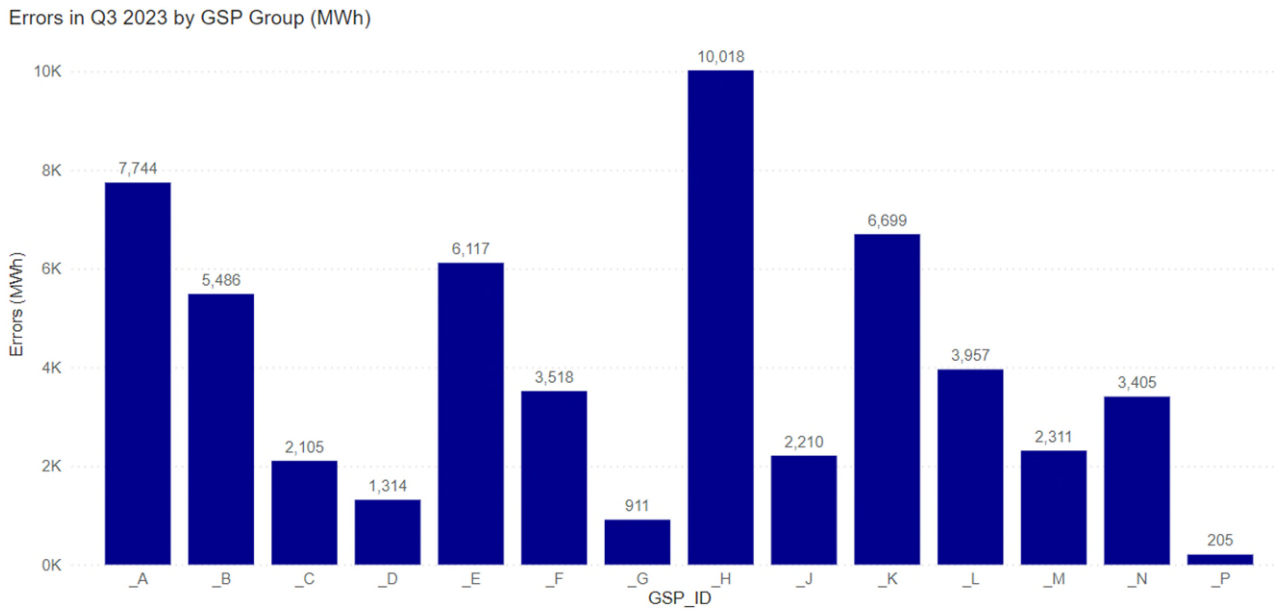
Graph 2 – SF NHH energy volumes (MWh) from 2019 to 2023

1.4 Graph 3 below provides a breakdown of the total error that comprises Q2 2023 and Q3 2023. Specifically, the graph highlights the amount of error identified in Q3 2023 that is either new, or is pre-existing from Q2 2023.The volume of remaining and new errors from Q2 have reduced in Q3.



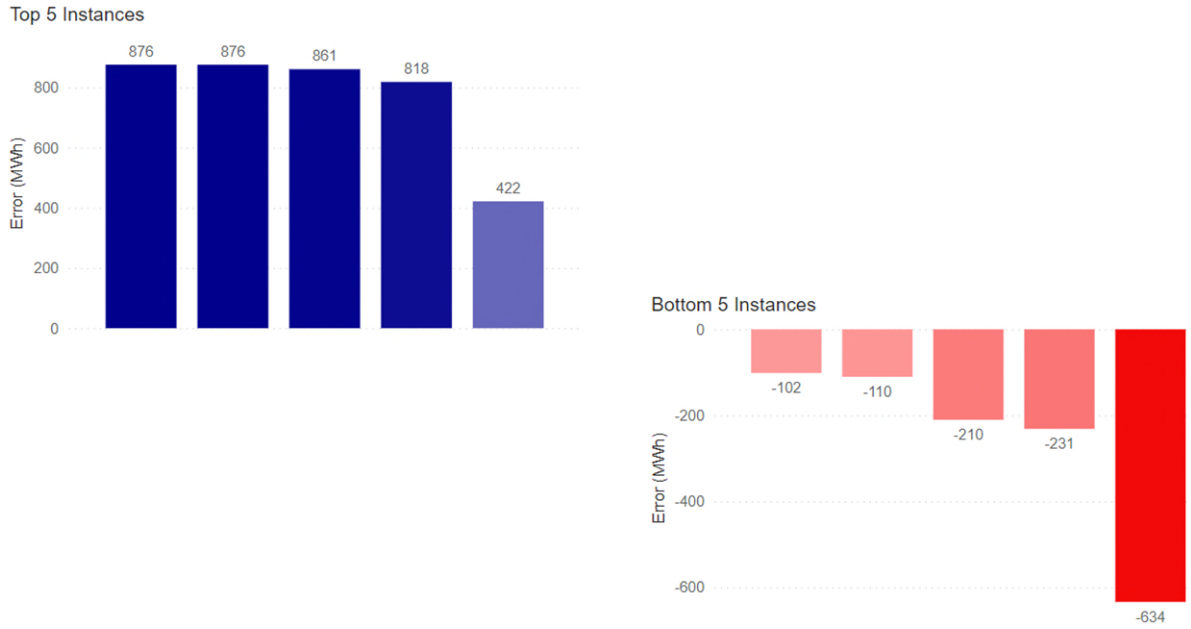
Graph 3 – New vs Old instances between Q2 2023 and Q3 2023

1.5 Graph 4 below provides a breakdown of the total error in Q3 2023 by Grid Supply Point (GSP).



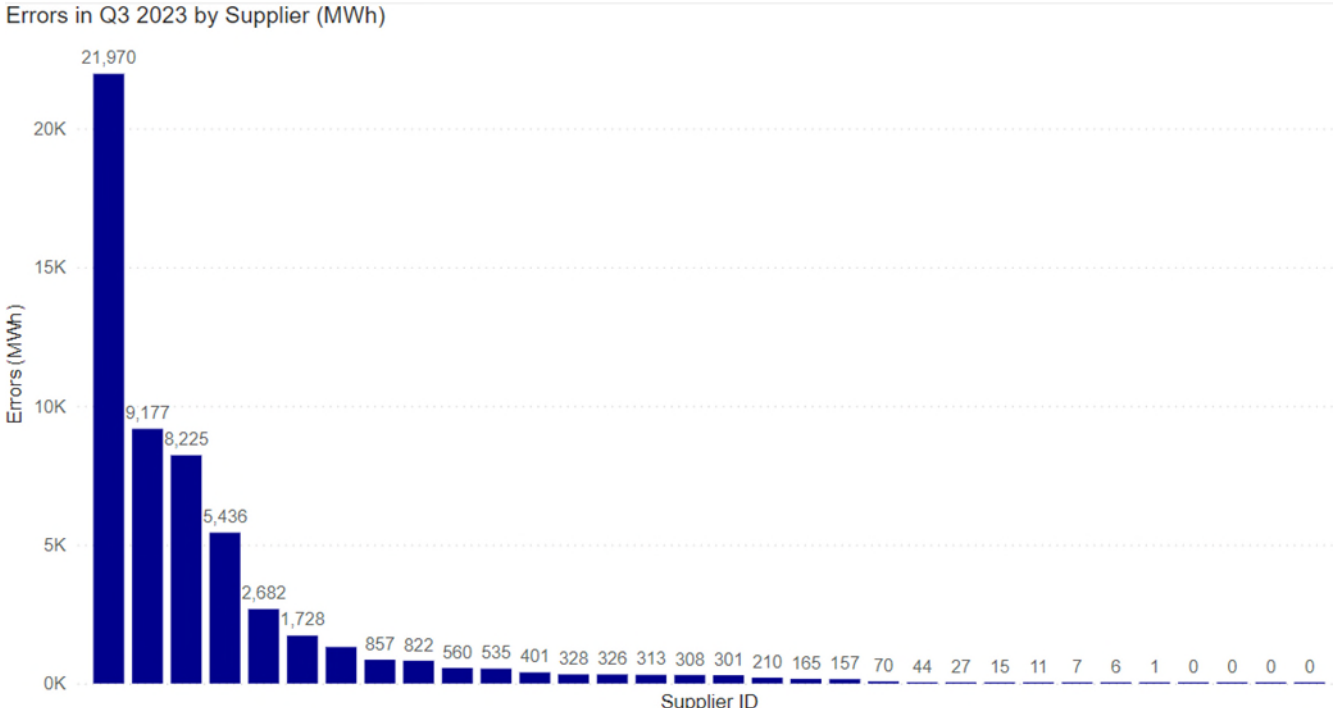
Graph 4 – Total error by GSP Group (Q3 2023)

1.6 Graph 5 below provides the five largest overstated and understated erroneous instances in the Q3 2023 period.



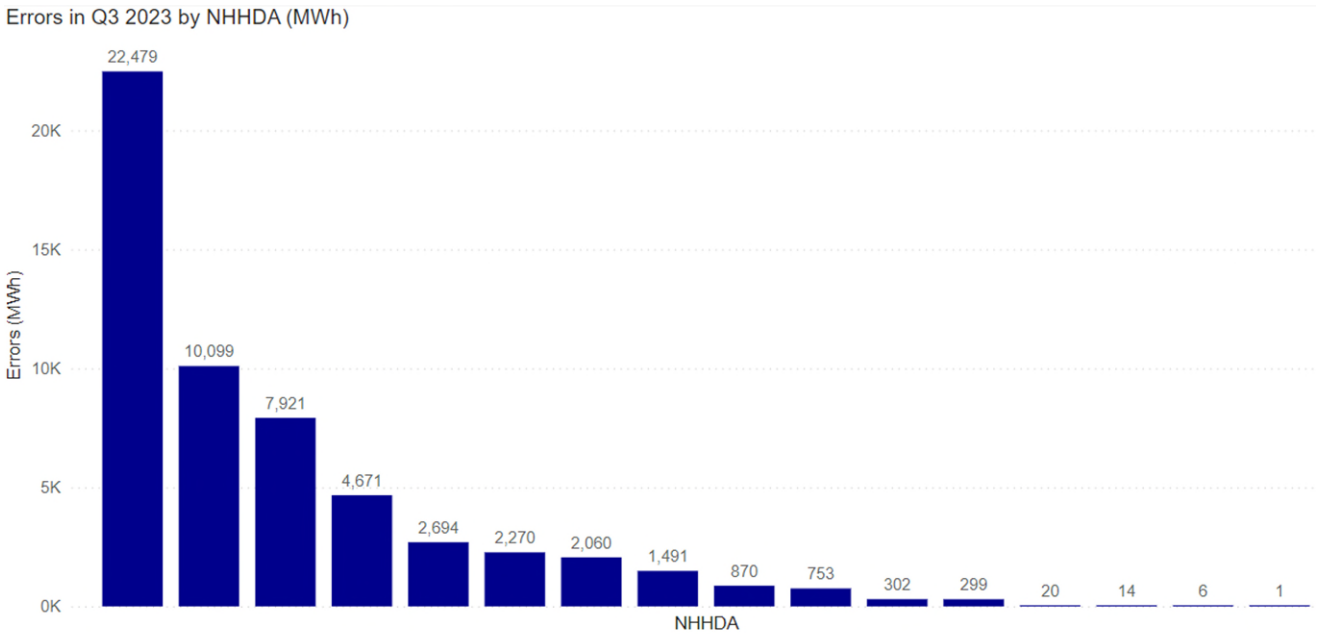
Graph 5 – Five largest overstated and understated errors (Q3 2023)

1.7 Graph 6 below provides a breakdown of the total error associated with each Supplier that appeared in the Q3 2023 reporting period (32 Suppliers).



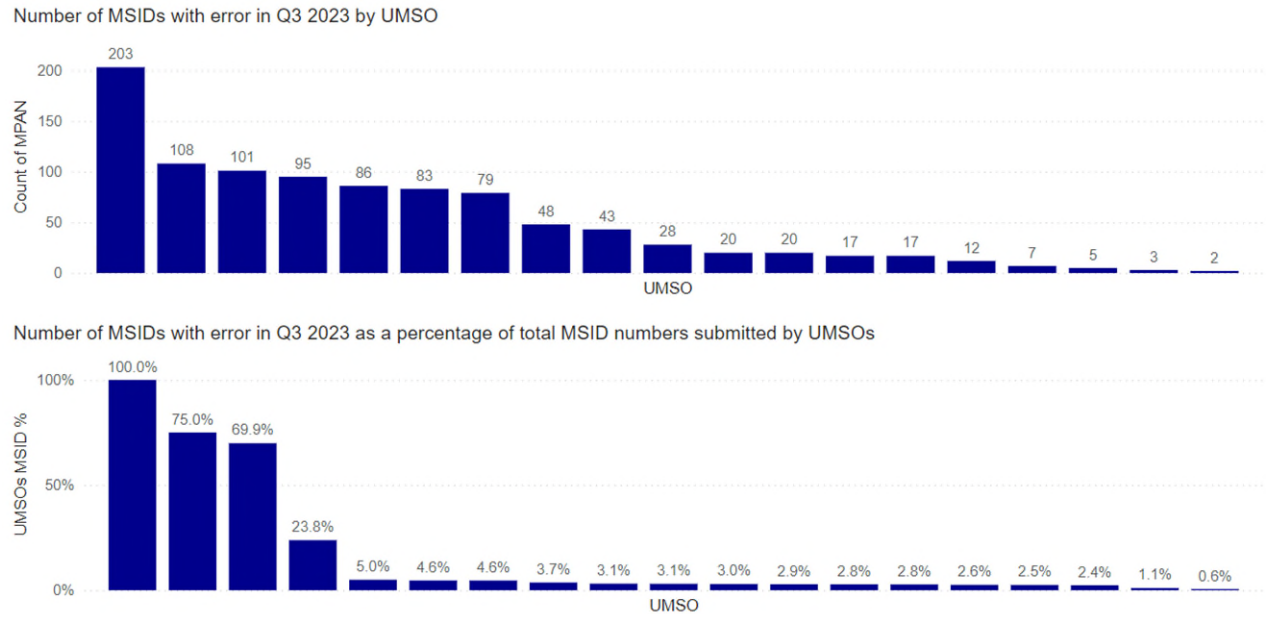
Graph 6 – Total error per Supplier (Q3 2023)

1.8 Graph 7 below provides a breakdown of the total error associated with each NHHDA that appeared in the Q3 2023 reporting period (16 NHHDAs)



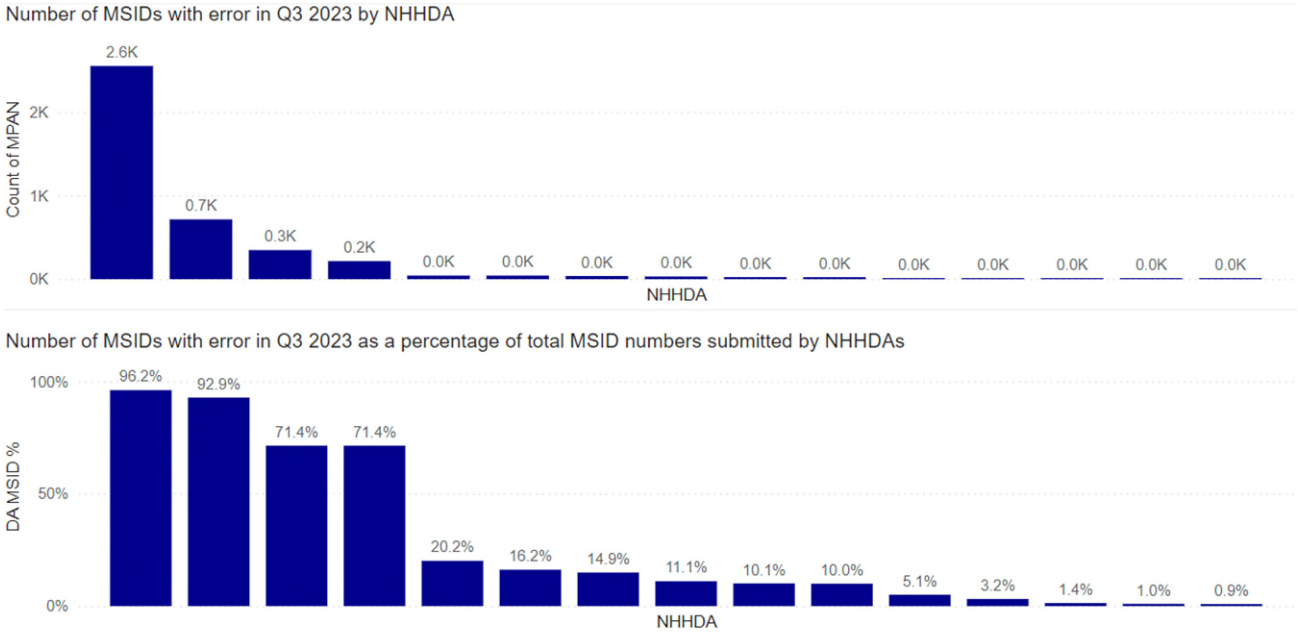
Graph 7 – Total error per NHHDA (Q3 2023)

1.9 Graph 8 below provides a breakdown of the number of MSID's with error and the number of MSID's with error as a percentage of total MSID numbers submitted by UMSO's that appeared in the Q3 2023 reporting period.



Graph 8 – Number of MSIDs With error per USMO (Q3 2023)

1.10 Graph 8 below provides a breakdown of the number of MSID's with error and the number of MSID's with error as a percentage of total MSID numbers submitted by NHHDA's that appeared in the Q3 2023 reporting period



Graph 9 – Number of MSIDs with error per NHHDA (Q3 2023)