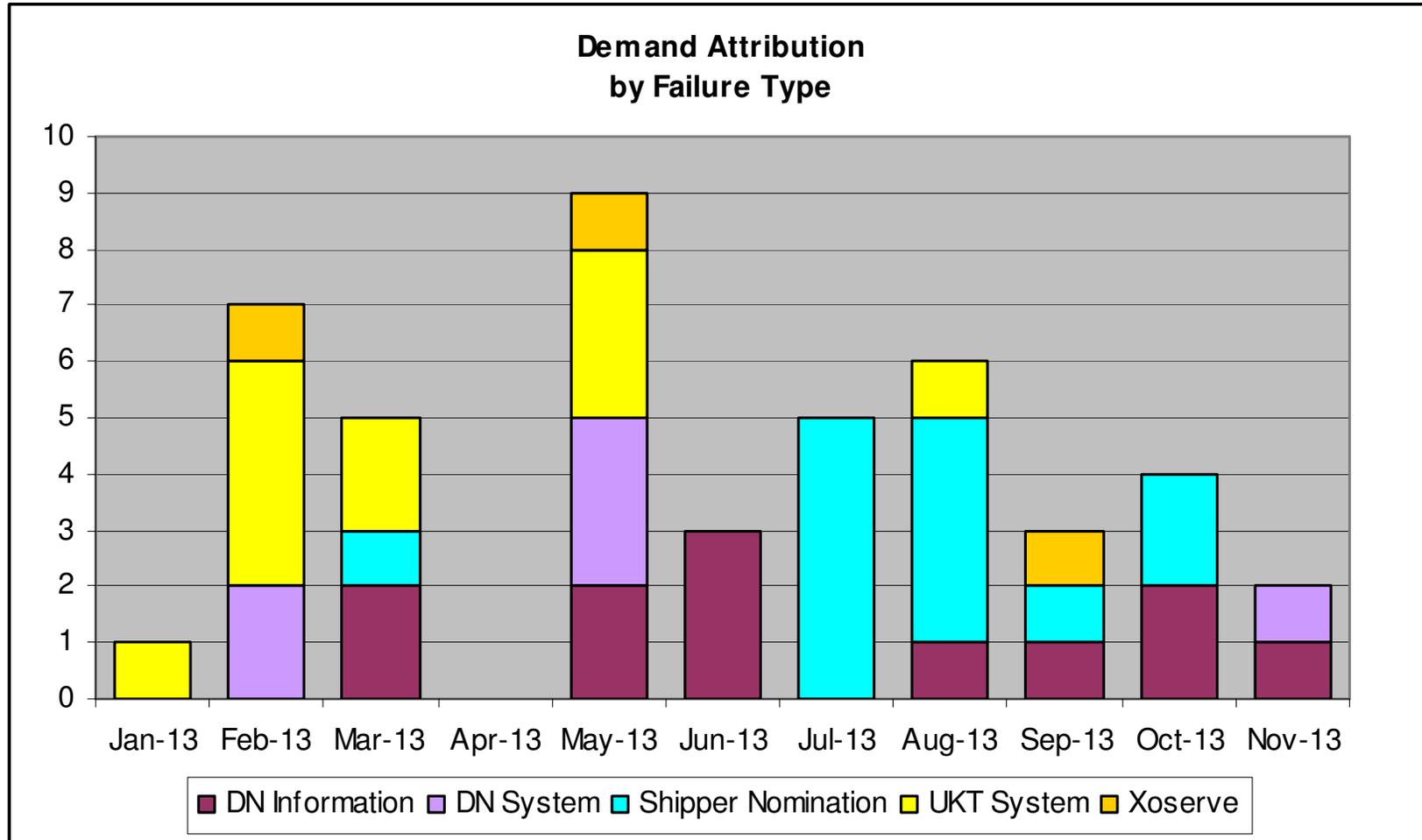# Demand Attribution

Demand Attribution

- Demand Attribution is the process by which demand for non-daily metered (NDM) customers is allocated to their Shipper

- Process has 4 simple steps :

  - Forecast LDZ demands are sent to Gemini by the DN

  - Nominated daily metered (DM) demands are submitted to Gemini by their shippers

  - LDZ NDM demand is calculated by subtracting DM demand from LDZ demand

  - The LDZ NDM demand is assigned through an algorithm to the NDM Shippers for that LDZ

Demand Attribution Issues 2013

Demand Attribution Issues

Legend: ☐ Cumulative ☐ Monthly

Break Down by Type

Demand Attribution by Failure Type
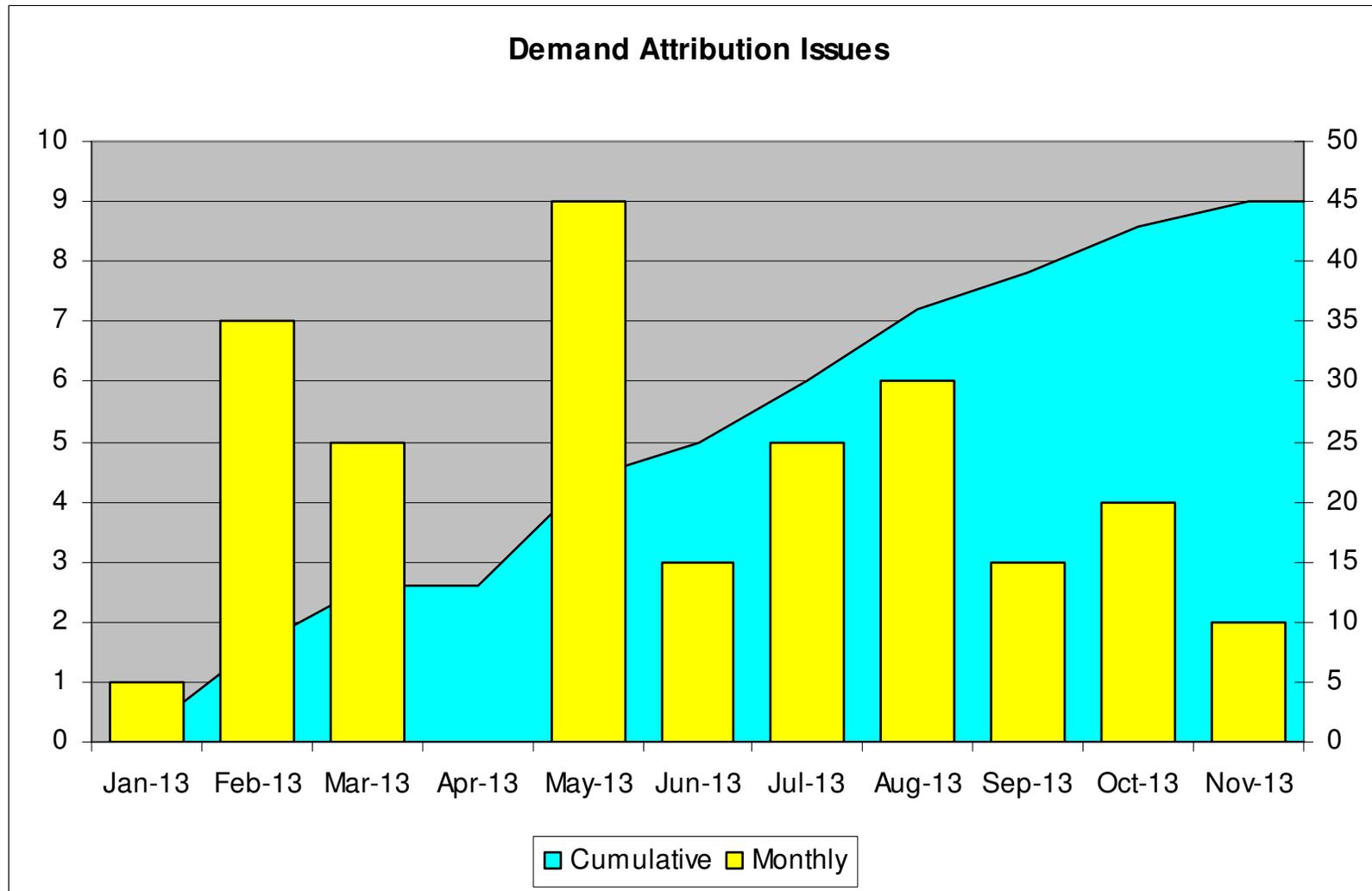
Legend: DN Information, DN System, Shipper Nomination, UKT System, Xoserve

UKT and Xoserve

- Early part of 2013 dominated by issues with the data transfer process (JCAPs & Aggregator)

- UKT established focused teams, improved processes and monitoring

- One UKT system issue since May due to a network issue on UKT infrastructure

- Since May there has been one Xoserve failure during a server failover procedure.

- Most issues since may have related to data entry

Distribution Network and Shipper

nationalgrid

- 5 DN System Issues

    - Where one or more of the DN systems have failed to pass the data through to the UKT systems

- 12 DN Data Issues

    - Where erroneous values have been entered

- 13 Shipper Nomination Issues

    - Where a Shipper DM Nomination has been too large for the zone in which they are located.

Next Steps

Tactically :

- Real time monitoring in control room to quickly identify data entry issues

- Engagement with DNs to resolve data issues

- Follow up process with shippers

Strategically :

- System analysis on Gemini to identify options for :

  - additional data validation, or

  - introduction of default rules