Meter By-Pass Update

12th January 2021 PAC Meeting

Background

- PAC concerned with accuracy of Meter By-Pass status on UKLink
- Shippers asked to review affected MPRs in their portfolio
- Datasets issued for 55 short codes on 9th October (request to investigate all sites with 'Open' and up to 5 sites with 'Closed' status)

- Related Actions:
  - **PAC Action 1002**: Xoserve to provide an Open/Meter By-Pass update including a snapshot of movements and a narrative of Shipper actions to progress *(ongoing update)*
  - **PAC Action 1101**: Xoserve to provide a status update on the 4 recently closed Open-By-Pass, including details of the corresponding consumption adjustment *(ongoing update)*
  - **PAC Action 1202:** Xoserve to confirm if Xoserve system automatically removes Meter By-Pass as a result of a shipper processing a Meter Exchange
  - **PAC Action 1203:** Xoserve to provide confirmation that a consumption adjustment has been undertaken from closed meter by-pass
  - **PAC Action 1205:** Xoserve to look at the end-to-end process for a meter by-pass and provide an overview

Action 1002: By-Pass Movement Summary

- Table below shows movements in Meters with By-Pass as recorded on UKLink

Snapshot Date / Summary	Jul'20	Nov'20	Dec'20	Jan'21
Open By-Pass	153	149	149	147
Closed By-Pass	13,526	13,226	13,164	13,112
Total By-Pass	13,679	13,375	13,313	13,259

Action 1101: Case Study of 4 MPRNs

- Summary of 4 sites which no longer have 'Open' By-Pass status (reported in November)

Anon. Site Ref	Latest By-Pass Status	Rolling AQ (start of 'Open' By-Pass period)	Rolling AQ (end of 'Open' By-Pass period)	Period of 'Open' By-Pass status	Consumption Adjustment expected?	Consumption Adjustment received?
1	N/A (removed due to meter exchange)	c 13,200,00 kWh	c 10,900,000 kWh	Mar'14 - Jun'20	Probably No (meter read progression evident)	No
2	N/A (removed due to meter exchange)	c 1 kWh	c 1 kWh	May'13 – Aug'20	Probably Yes (no reads from Apr'14 to Dec'16)	No
3	OPEN (no current shipper)	c 1 kWh	n/a	Sep'13 -	Probably Yes (static reads since Sep'13)	No
4	N/A (removed due to corrector update)	c 61,300,000 kWh	c 49,200,000 kWh	Aug'13 – Jun'20	Probably No (meter read progression evident)	No

Action 1202: Impacts to By-Pass following MEX

- **PAC Action 1202:** Xoserve to confirm if Xoserve system automatically removes Meter By-Pass as a result of a shipper processing a Meter Exchange

- How UKLink deals with the presence of a meter By-Pass depends on how the shipper processes asset/status updates

- Updates to asset/status information on UKLink are achieved via one of two RGMA file types:
  - ONJOB: Required when a physical asset change has recently taken place
  - ONUPD: Required to update incorrect asset/status details (i.e. cosmetic update)

- ONJOB must always contain details of By-Pass if one is present
  - (i.e. UKLink will remove By-Pass where it is not mentioned in ONJOB)
- ONUPD must contain only the details which need updating
  - (i.e. UKLink will make no changes to By-Pass unless mentioned in ONUPD)

Action 1202: Impacts to By-Pass following MEX

- The following statement is taken from the 'Transporter Treatment of ONJOB files and transactions V5 Live' document, available in the 'UK Link Documentation' area (folder '4.Guidance Docs):

2.3 Bypass Status

Within the ONJOB the presence of a bypass must always be positively identified within the Collar Status attribute [A0044] within the METER dataset. Where an ONJOB is received without an ASSET dataset for the BYPAS Asset Class Code [A0024] then it will be assumed that no bypass is present at the site. In instances where a bypass is indicated as present at a meter point on Transporter Agency systems prior to the processing of a transaction, but a BYPAS asset dataset is not provided, the record of the bypass shall be removed on the Transporter Agency systems for that meter point.

Note: In ONUPD transactions, if a bypass dataset is not present in a transaction, and such an asset is held against that meter point on the Transporter Agency systems, the bypass details shall be retained on Transporter Agency systems after transaction processing has been completed – i.e. it will not have been removed.

Action 1203: Cons. Adj. Completed?

- **PAC Action 1203:** Xoserve to provide confirmation that a consumption adjustment has been undertaken from closed meter by-pass

- PAC discussed similar approach to addressing post-Nexus DM issues

- Intended approach for monitoring Consumption Adjustments (CA) following by-pass:
  - Xoserve to maintain list of MPRs where by-pass has been closed
  - After 15 business days (UNC requirement) check if CA has been received
  - Where no CA has been received, contact relevant Shipper(s) to see if they've assessed the need for CA
  - Report anonymised updates to PAC

- Does this approach seem sensible?

Action 1205: By-Pass end-to-end process

- **PAC Action 1205:** Xoserve to look at the end-to-end process for a meter by-pass and provide an overview

- Industry requirements relating to meter by-pass are covered in the following documents:
  - Uniform Network Code (UNC) Section M (2.3 & 2.4)
  - Energy Networks Association (ENA) GDN/PM/GT2

- A summary of the key points from these documents provided in separate document titled 'Meter ByPass Process Overview'