



UK Link Minor Release Drop 3

Customer Awareness session

Introduction and Purpose of Document

- Following UK Link Implementation in 2017, additional requirements have been agreed with the industry which are to be implemented within scheduled releases
- This pack will provide you with an overview of the changes that have been approved to be implemented in our Minor Release Drop 3
- These are:-
 - XRN4717 Use of up to date Forecast weather data in first NDM Nominations Run
 - XRN4690 Actual read following estimated transfer read calculating AQ of 1
- Minor releases are not normally customer impacting and whilst there are no changes external customers need to make to their systems there will be a slight amendment in the way some of the data is calculated and then disseminated

XRN4717 Use of up to date Forecast weather data in first NDM Nominations Run

Why is this change being implemented?

For the 8am Composite Weather Variable (CWV) calculation in UKLink, in the absence of forecast data for tomorrow, it uses the most recent data it has, which would be the previous days actual, this would affect NDM nominations, especially when there are big changes in weather from one day to the next

Change Deliverable

This solution looks to replicate the later forecast weather variable (FWV) file runs and allow the forecast weather data to be received at 7am and used in the 8am CWV calculation. Thus making the 11am nomination more accurate

Who is impacted by the change?

Impact to Gemini users who use these values along with Distribution Networks who need to facilitate this data inclusion.

What systems are impacted?

UKLink systems will be updated to facilitate this change and new values will be viewed in Gemini..

Use of up to date Forecast weather data in first NDM Nominations Run

Weather Service Providers (WSP) send data to the DN's containing forecasted temperature and wind speeds for the day (today) and for tomorrow. DN's then pass this data onto UKLink via the FWV file at agreed times (7am, 11am, 2pm & 10pm).

Timeslot	Data for today	Data for tomorrow
7am	Yes	No
11am	Yes	Yes
2pm	Yes	Yes
10pm	Yes	Yes

The FWV file that is sent by the DN's to Xoserve and is then processed and used (along with other standing data items) to produce the Forecast Composite Weather Variable (CWV) value

Use of up to date Forecast weather data in first NDM Nominations Run

The CWV is then sent to Gemini & MIPI in the CWF file at regular intervals (8am, 12pm, 3pm & 11pm) and is used in the NDM Nominations process.

Timeslot	Data for today	Data for tomorrow
7am	Yes	Yes
11am	Yes	Yes
2pm	Yes	Yes
10pm	Yes	Yes

This solution looks to replicate the later FWV file runs and allow the Forecast weather data to be received at 7am in the CWV calculation (and subsequently pass this calculated value onto Gemini). This will ensure that the 11am NDM Nomination process uses the most up-to-date forecast data it can, ensure it is more accurate

XRN4690 Actual read following estimated transfer read calculating AQ of 1

Why is this change being implemented?

Rolling AQ value is used for gas nomination and allocation purposes and therefore if the AQ is not reflective of the offtake this will impact on unidentified gas. SMPS where we receive an actual lower than an previously calculated estimate then a negative consumption is calculated which in turn create a negative AQ calculation, which would have defaulted to 1

Change Deliverable

Where an actual read is submitted following an estimated transfer reading, if the Actual reading is less than the estimated reading a negative volume is created the actual read validates to the last Actual read recorded so the period last actual to estimated transfer read would be a positive value. In these scenarios the prevailing AQ would be used.

Who is impacted by the change?

Impact to UK Link Shipper users, with an impact to AQ calculated and downstream processes.

What systems are impacted?

UKLink systems will updated to facilitate this change.

Actual read following estimated transfer read calculating AQ of 1

So as a Shipper sending reads what does this mean and how does this affect my AQ

- The read itself will validate against the last actual read rather than the transfer read and therefore normal tolerance rules apply.
- As with legacy reads if the read is estimated and the new actual read is lower than this will not trigger a the AQ calculation process and the prevailing AQ will remain.

Benefits

The benefits of this change will be:-

1. More reads will be validated against actual reads.
2. No negative consumptions will be calculated
3. AQs of 1 which is unlikely will be reduced.
4. Gas Nomination and Allocation will be more accurate