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Mod 461- Impacts of Gas Day on Xoserve Systems

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Non-Gemini System Impacts

- Xoserve was requested to carry out a high level analysis of the impacts of the change in Gas Day on Xoserve systems.
- The analysis has determined that there is no expected change to:
 - CSEPs
 - Information Provisioning
 - Data Enquiry
 - Unique Sites
 - UK Link Invoicing 95
 - Supported Offline Systems
- Minor changes will be required to UK Link Sites & Meters:
 - There is a possible impact on the weather forecasting times - potential requirement for Weather Service Provider to send Weather variables to UK Link an hour earlier.
 - The measurement files will be received in Gemini an hour earlier - potential requirement for DNs to send DMSP reads to UK Link an hour earlier.

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Gemini System Impacts

- The overall scale and complexity of functional impact on Gemini as a consequence of the Gas Day change is low. There is no fundamental functional change required in Gemini, but there are changes in terms of timings at which existing functionalities are run in production.
- There will be some change in timing and calculations primarily for within day processes or processes that are scheduled to run at the start or the end of the gas day.
- The maintenance and housekeeping windows for Gemini will be moved to commence an hour earlier (i.e. from 03:15 to 04:15 GMT/BST on Monday to Saturday and from 03:00 to 05:00 GMT/BST on Sunday). The duration of the maintenance and housekeeping windows will not change.
- There will be minor screen changes to reflect changes in data due to the change in Gas day start and any scheduled jobs.
- There will be a change in the API availability hours (based on the new maintenance and housekeeping window). There is no change to API specifications, however there may be potential changes to API setup for shippers if they have any customised time based parameters for triggering the APIs.

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