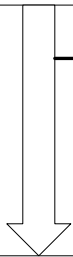


Draft Metering Changes Impacting Supplemental Agreement

Start



OAD Notice Issued



Install Metering



Commission



Meter Operational



End

Prior to Install

- Detail scope of metering changes
- Provide Functional Design Specification (FDS) for changes
- Provide theoretical measurement uncertainty calculations for the system post changes (e.g. using ISO5168 or other Guide in Measurement Uncertainty (GUM) method).
- Provide copy of intended Factory Acceptance Testing (FAT) procedure for the changes and invite National Grid to attend (NG may or may not attend).
- If meters are undergoing high pressure meter calibration provide notice of such calibration and invite National Grid to attend and witness such calibration (NG may or may not attend).
- Provide copies of the results of FAT and also calibrations (including certificates)
- Agree draft of Supplemental Agreement Appendix D

Prior to Commissioning

- Provide copy of Site Acceptance Testing (SAT) for the changes.
- Invite National Grid to attend and witness (NG may or may not attend).
- Note - If tests passed to the satisfaction of all Parties then site can proceed to flow.
- Note – if a new Gas Chromatograph is being installed then it is probable that an ISO10723 Performance Evaluation is being undertaken. National Grid DO NOT NEED to witness such a calibration rather just see a copy of the ISO10723 report with a pass.
- Results from SAT and updated Measurement Uncertainty Calculations (As Built) can follow at a later date and would not (or should not delay) commissioning.
- Confirm Operational Date for Meter

Prior to Meter being Operational

- Execute Appendix D