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# Project Nexus Workgroup Managing P&S Check Reads

08/09/2015

# Background

- Principles on the treatment of Prime and Sub-deduct (P&S) sites from Go Live were agreed at the September 2014 Project Nexus workgroup, however
- With the introduction of Check Read obligations on all meter points where derivable equipment is installed this may have implications for P&S sites
- Check Reads, where applicable, or an actual read (for non AMR/datalogged sites) need to be carried out for all P&S meter points in the same configuration at the same time to perform Reconciliation and account for any drift (& therefore energy) identified.
- An action was taken from June PN UNC (0603) to put together options on how to manage Check Reads on P&S meter points
- At August PN UNC it was agreed to develop Option 1 for further discussion

# Principles Agreed

- A Shipper is able to nominate any Prime or Sub Supply Meter Point that is not DM Mandatory to Class 2, 3 or 4
- Shippers will have the obligation to submit reads based on the election of Class (daily reads for Class 2, daily reads in batches for Class 3 & periodically for Class 4).
- Xoserve, on behalf of the GT, will only request a read for Reconciliation purposes (in order to net off the Prime or Sub meter) and perform reconciliation on the Sub.
- The request will be triggered based on the lowest denominator meter read frequency of any of the meter points within the P&S configuration in Class 4

# Principles Agreed

- Reconciliation only required where daily reads are not received - where the Prime or Sub is a Class 4 Supply Meter Point only

	Class 1 Prime	Class 2 Prime	Class 3 Prime	Class 4 Prime
Class 1 Sub	X	X	X	Y
Class 2 Sub	X	X	X	Y
Class 3 Sub	X	X	X	Y
Class 4 Sub	Y	Y	Y	Y

X = daily read will be provided

Y = read required for the purposes of reconciliation

# P&S Stats – as at June 2015

- Total no. of Prime & Sub meter points 3,014
- Number of DM Prime meter points 41
- Number of DM Sub meter points 39
- Number of NDM Prime meter points 886
- Total NDM Prime with an AQ above 732,000 kWh **129**
- Number of NDM Sub meter points 2,048
- Total NDM Sub with an AQ above 732,000 kWh **147**
- **Total of 356 meter points that will require a Check Read**
  - **DM = 80**
  - **NDM = 276**

The following slides provide industry options on managing the Check Reads process for Prime & Sub meter points that was discussed at the August Nexus Workgroup

# Option 1 – Co-ordination on Behalf of Shippers

- When a Check Read is required the relevant Shippers are notified
  - Where the Prime is in Class 1 the Check Read will be carried out by the DMSP
  - Notification will be issued to all Shippers within the configuration of their MPRNs that require a Site Visit X months before the due date
  - Site visits, re-synch of the equipment and obtaining reads will need to be carried out within a 5 day window and results submitted to UKLink
  - Submission of the Site Visit details & Check Read is an established process

# Option 2

## Shipper Co-ordination between themselves

- Shippers to communicate between themselves on when the Check Reads will be carried out
  - The Shipper who has ownership of the prime meter point will coordinate the date Site Visits required
  - Shippers will submit the results of the Site Visit & Check Reads separately to UKLink



# Option 3

## No Co-ordination

- Hope for the best!
  - Shippers carry out the Site Visit on the anniversary date of the Check Read (which is likely to be different for the relevant meter points)
  - If the reads are not carried out within 5 days the reconciliation & allocation of drift can not be done
  - Risk that drift from the meters will not be captured and therefore the energy will be included in Unidentified Gas calculations

# Option 4

## GT Obligation

- The GT is responsible for carrying out the Check Reads on all applicable P&S meter points
  - GT to notify Shippers of the date of the Site Visit as the Shippers will need to be present at the site
  - Results of the Site Visit are submitted to UKLink by the GT, not the Shipper
  - Costs associated for the service will need to be via User Pays
    - Including charges for wasted visits
  - Process & files required for the submission of the results of the Site Visit to the Shipper

Following Slides provides the process for  
Option 1 for discussion at the September  
Nexus Workgroup

# Option 1: Prime meter point is Class 1

- [3] months before the due date of the Check Read Xoserve liaises with the DMSP to set a date for the Site Visit.
- Xoserve notifies the relevant Shippers of the date to perform the Site Visit at the Sub meters with AMR equipment fitted.
- For any Class 4 meter points where AMR is not installed, the GTs MRA will also be requested to read the meter.
- DMSP & Shipper(s) submit results of the Site Visit to Xoserve
- Where all reads are received within a 5 day period, Reconciliation is performed on the Subs & the Prime

# Option 1: Prime meter point is Class 2, 3 or 4

- [3] months before the due date of the Check Read Xoserve liaises with the Shipper of the Prime meter point to set a date for the Site Visit.
- Xoserve notifies the relevant Shippers of the date to perform the Site Visit at the Sub meters with AMR equipment fitted.
- For any Class 4 meter points where AMR is not installed, the GTs MRA will also be requested to read the meter.
- Shipper(s) submit results of the Site Visit to Xoserve
- Where all reads are received within a 5 day period, Reconciliation is performed on the Subs & the Prime

# Option 1: Site Visit Not Carried Out

- Where a Site Visit was not carried out at the Prime meter point where AMR/DRE is installed;
  - Reconciliation performed on all the Subs (assuming reads taken)
  - No Reconciliation on the Prime
- Where a Site Visit was not carried out on the Sub meter point where AMR is installed;
  - Reconciliation performed on all the Subs (where reads are taken)
  - No Reconciliation on the Prime
- Where a read is not taken on a meter point where no AMR is installed
  - Read is estimated in order to perform Reconciliation

# Option 1: Asset Updates on a Prime or Sub where AMR / DRE is installed

- Where AMR is installed or work carried out on the asset it is assumed that the meter and AMR/DRE will have been re-synchronised.
- However, if this is carried out on the Prime and not the Subs, Reconciliation will not be performed
- If carried out on a Sub, Reconciliation on the meter point will be done

# Option 1: Communication Methods

Notification From	Notification To	Reason	Method
Xoserve	Shipper of Subs	Notification of Date Site Visit to be carried out	Email
Xoserve	Shipper of Prime (Class 2/3/4)	Request to date the Site Visit will be carried out	Email
Shipper	Xoserve	Submit Class 2 Site Visit details	Portal
Shipper	Xoserve	Submit Class 3 & 4 Site Visit details	SFN File
Xoserve	Shippers	Notification that Reconciliation can not be processed	Email




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