



UKLink Release 3 Track 2

XRN4454 - DN Sales Requirements for UKLink Enduring Solution

1.1 Introduction and Purpose of Document

- Following UK Link Implementation in 2017, additional requirements have been agreed with the industry which are applied in scheduled releases.
- This pack will provide you with an overview of Release 3 Track 2 change due to go live in February 2019.
- More information can be found on Xoserve.com [here](#).
- This pack outlines change XRN4454 - DN Sales Requirements for UKLink Enduring solution; which is to implement the enduring solution for the separation of Cadent Distribution Network and National Grid Transmission.

1.2 Overview of Change

Why is this change being implemented?

UNC Modification 0592S - Separation of National Grid Transmission and Distribution owned Networks - Transitional invoicing arrangements implemented for the transfer of National Grid's gas distribution business from National Grid Gas plc (NGG). Change XRN 4454 is implementing the enduring solution for the network separation.

Change Deliverable

National Grid Transmission will be set up as an organisation to act independently for all processes, sites configuration and flows. TGT Cadent will operate as per any other Distribution Network.

Who is impacted by the change?

Shippers, Distribution Network, National Grid Transmission, DMSPs, MAMs will all be impacted in some way over a variety of processes.

What systems are impacted?

The entire suite of UKLink systems are impacted in some way.

2.1 UK Link updates

As part of the Change, UK Link will be updated to ensure relevant network for the site is configured.

Alongside this ,there is a change to the invoicing process. Reversal and Rebill, which applies to invoices including Commodity, Capacity, Amendments and Meter Assets Invoices will cease.

The XOSERVE COMPREHENSIVE INVOICES AND CHARGE TYPES spreadsheets should be referred to for the mapping of Charges to organisations breakdown and can be found on Xoserve.com and searching for Charge.

An example spreadsheet shows (on the classification Column) NTS, LDZ or Both

NTS charges will be issued on behalf of National Grid and the LDZ charges on behalf of Cadent distribution.

XOSERVE COMPREHENSIVE INVOICES AND CHARGE TYPES										
Recipient Flag: Shipper only Network only Shipper & Network = BOTH	Charge Type	Charge Type Description	Invoice Type	Eng/TPN Classification	LDZ/NTS Classifica tion	VAT Code	VAT Category	Vat Rate	Supporting information	Invoice Issue Date
COM - CORE COMMODITY INVOICE										
BOTH	111	UNIQUE - NTS COMMODITY	COM	TPN	NTS	8	VA	20.0000	COM	M+8 th business day
BOTH	222	UNIQUE - LDZ COMMODITY	COM	TPN	LDZ	8	VA	20.0000	COM	M+8 th business day
BOTH	ZZZ	LDZ COMMODITY CHARGE	COM	TPN	LDZ	8	VA	20.0000	COM,COI	M+8 th business day
AMS - CORE AMENDMENTS										
BOTH	REC	LDZ COMMODITY RECONCILIATION	AMS	TPN	LDZ	8	VA	20.0000	ASP, AML	M+18 th business day
BOTH	ULR	UNIQUE - LDZ COMMODITY RECONCILIATION	AMS	TPN	LDZ	8	VA	20.0000	ASP	M+18 th business day
BOTH	UNR	UNIQUE - NTS COMMODITY RECONCILIATION CHARGE	AMS	TPN	NTS	8	VA	20.0000	ASP	M+18 th business day
BAL - ENERGY BALANCING INVOICE (Gemini Invoice)										
BOTH	ALL	ALL CHARGES	BAL	ENG	NTS	9	VZ	0.0000	IDB	M+23 rd business day
MAS - METER ASSET CHARGES										
BOTH	M01	METER ASSET CHARGE	MAS	TPN	BOTH	8	VA	20.0000	MIF	M+12 business day
BOTH	C01	CORRECTOR ASSET CHARGE - LDZ	MAS	TPN	BOTH	8	VA	20.0000	MIF	M+12 business day

For more information of the different invoices please see the introduction to invoicing guide located [here](#).

2.2 UKLink Suite updates

CMS

NTS & TGT have the relevant access and will be able to see data applicable for their organisation.

Relevant network for the site will be configured.

This change will also impact the Meter Read Agencies (MRA) The Relevant MRAs need to process Must Reads (MUR) for relevant organisation and will be required to access the MPRs under their portfolio.

DES

The Data Enquiry System National Grid Transmission will be created as a user and will have access to all DES functionality for their sites



Portal

NTS & TGT have the relevant access and will be able to see data applicable for their organisation.

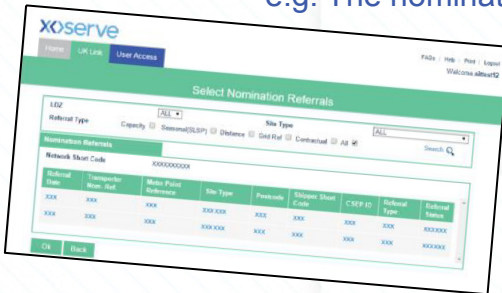
e.g. The nomination and confirmation processes

remains the same but referrals will be sent to the relevant network.

National Grid could also apply a sanction to prevent a shipper taking on further NTS sites.

Gemini

National Grid Transmission and Distribution Networks will be treated independently and access will be configured accordingly

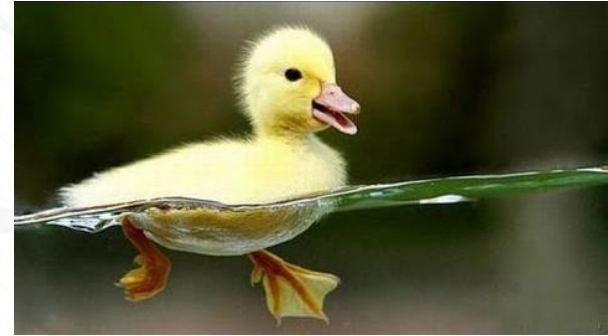


2.3 Other Configurations and Routings

On the surface the change appears to have little impact on processes. This is due to large amount of work undertaken to ensure all channels of communication are configured accordingly. All data communication sent to National Grid Transmission and Distribution Networks have all been configured, renamed if required and routed accordingly, ensuring that the data contained within remains relevant and issued on behalf of the correct organisation.

These changes have extended to

- Reports including BW
- Templates
- File formats
- IX Network & EFT File Transfer Channels



2.4a Shipper Impacts

With the introduction of the new Transmission Operator short code NTS shippers need to be aware that this will now appear on :

Reports including BW

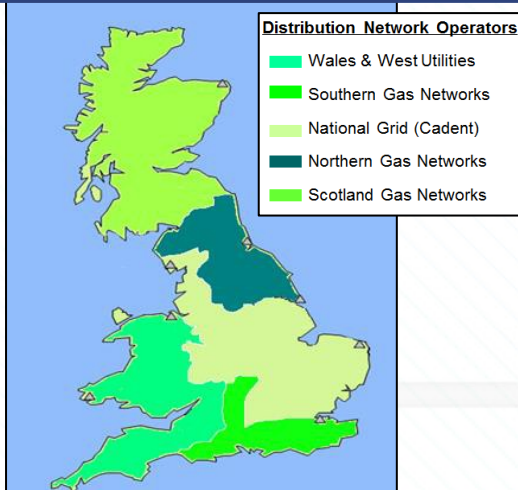
Templates

File formats

The second change will be the cessation of the reverse and rebill Process for Commodity, Capacity, Amendments and Meter Assets Invoices. An example of how this is shown below.

Example of how this change affects invoices

Using Commodity as an example .



N/work	Invoice Number	NCO NTS COM	ZCO LDZ COM	892 NTS CSEPCOM	893 LDZ CSEPCOM	Total
GT2	7777771	-	704.23	-	87.65	791.88
GT3	7777772	-	987.26	-	105.16	1092.42
GT4	7777773	-	1154.68	-	98.67	1253.35
GT5	7777774	-	598.75	-	64.58	663.33
TGT	7777775	3158.84	885.49	489.89	139.56	4673.78
Total	-	3158.84	4330.41	489.89	495.62	8474.76

Before Network Separation a shipper could expect an invoice with charges as shown. Depending on portfolio, they would receive an invoice for each network (up to 5).

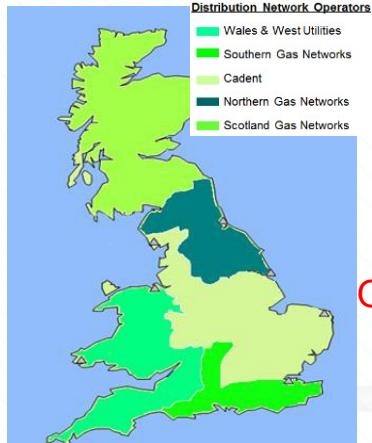
2.4b Shipper Impacts

Reversal and rebill example

After the introduction of Network separation and prior to this change the Reverse and rebill process was introduced to split the charges to the relevant network.

The NCO - NTS EXIT COMMODITY CHARGE, and 892 CSEPS- NTS EXIT COMM CHARGE are examples of charges invoiced on behalf of National Grid Transmission (NTS) whilst the ZCO LDZ COMMODITY CHARGE are invoiced on behalf of the Distribution Network Operator (DNO). including Cadent.

After invoice creation the NTS charges are reversed and the rebilled separately



Original Invoice

NTS Reversal

NTS Rebill

N/work	Invoice Number	NCO NTS COM	ZCO LDZ COM	892 NTS CSEPCOM	893 LDZ CSEPCOM	Total
GT2	7777771	-	704.23	-	87.65	791.88
GT3	7777772	-	987.26	-	105.16	1092.42
GT4	7777773	-	1154.68	-	98.67	1253.35
GT5	7777774	-	598.75	-	64.58	663.33
TGT	7777775	3158.84	885.49	489.89	139.56	4673.78
TGT	8888881	-3158.84	NA	-489.89	NA	-3648.73
NTS	9999991	3158.84	-	489.89	-	3648.73
Total	-	3158.84	4330.41	489.89	495.62	8474.76

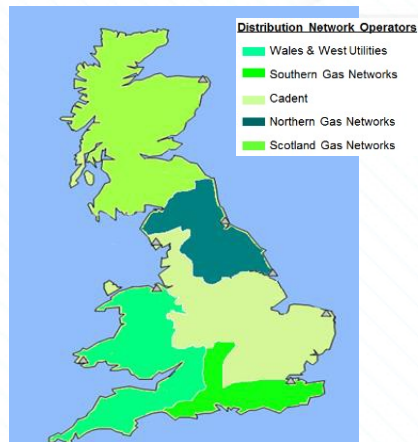
A shipper could expect invoices with charges as shown. Depending on portfolio, they would receive 7 invoices. (3 for TGT and one for the other 4)

More information on understanding Reverse and Rebill can be found [here](#)

2.4c Shipper Impacts

Post change

A shipper could expect invoices with charges as shown. Depending on portfolio, they would receive an 1 invoice for each Distribution Network and 1 for the transmission Network (NTS) (up to 6)



N/work	Invoice Number	NCO NTS COM	ZCO LDZ COM	892 NTS CSEPCOM	893 LDZ CSEPCOM	Total
GT2	7777771	-	704.23	-	87.65	791.88
GT3	7777772	-	987.26	-	105.16	1092.42
GT4	7777773	-	1154.68	-	98.67	1253.35
GT5	7777774	-	598.75	-	64.58	663.33
TGT	7777775		885.49		139.56	1025.05
NTS	7777776	3158.84	-	489.89	-	3648.73
Total	-	3158.84	4330.41	489.89	495.62	8474.76

The relevant XOSERVE COMPREHENSIVE INVOICES AND CHARGE TYPES spreadsheet should be referred to for which charge refers to which Network and can be found on [Xoserve.com](https://www.xoserve.com) and searching for Charge.