UNC Workgroup 0621 Minutes Amendments to Gas Transmission Charging Regime Wednesday 06 November 2017

at Energy UK, Charles House, 5-11 Regent Street, London, SW1Y 4LR

Rebecca Hailes (Chair) Helen Bennett (Secretary) Helen Bennett (Secretary) Adam Bates (AB) National Grid NTS Alex Healy (AH) Engie Andrew Pearce (AP) BP Anna Shrigley (AS) ENI Charles Ruffell (CR) RWE Npower Chris Hogg* (CH) National Grid NTS Colin Hamilton (CH) National Grid NTS Colin Hamilton (CH) National Grid NTS Colin Hamilton (CH) National Grid NTS Colin Williams (CW) National Grid NTS Danishtah Parker* (DP) Cadent David Mitchell (DM) SGN Davide Rubini (DR) Shell Debra Hawkin (DH) TPA Solutions Gerry Hoggan (GH) Scottish Power Graham Jack (GJ) Centrica Henk Kreuze (HK) Vermillion Energy Ireland Jeff Chandler John Costa John Costa John Costa (JCo) EDF Energy Julie Cox (JCx) Kamila Nugumanova* (KN) ESB Lee Bowerbank* (LM) ExxonMobil Marcel Neef* (MN) BBL Matt Hatch* (MH) National Grid NTS Nated Cherfa (NC) Statoil Nick Wye (NW) Waters Wye Associates Paul Orsler (PO) Xoserve Paul Toole* (PT) NGN Paul Youngman (PY) Drax Power Pavanjit Dhesi (PD) Interconnector Penny Garner (PG) Joint Office Phil Lucas (PL) National Grid NTS National Grid		Λ440	ndoo	
Helen Bennett (Secretary) Adam Bates (AB) Alex Healy (AH) Andrew Pearce (AP) Anna Shrigley (AS) Charles Ruffell (CR) Charles Ruffell (CH) National Grid NTS RWE Npower (CH) National Grid NTS RWE Npower (CH) National Grid NTS (CH) David Mitchell (DM) SGN Davide Rubini (DR) David Rubini (DR) Shell Debra Hawkin (DH) TPA Solutions Gerry Hoggan (GH) Scottish Power Graham Jack (GJ) Centrica (HK) Vermillion Energy Ireland Jeff Chandler (JCh) SSE Joanne Parker (JP) SGN John Costa (JCo) John Costa Julie Cox (JCx) Energy UK Kamila Nugumanova* (KN) ESB Lee Bowerbank* (LM) ExxonMobil Marcel Neef* (MN) Marcel Neef* (MN) Marcel Neef* (MN) National Grid NTS Nahed Cherfa (NCC) Statoil National Grid NTS Nahed Cherfa (NCC) Statoil Noch Waters Wye Associates Paul Orsler (PD) John Coffice Penny Garner (PG) Joint Office Robert Wigginton* (RW) Wales & West Utilities	Attendees			
Adam Bates (AB) National Grid NTS Alex Healy (AH) Engie Andrew Pearce (AP) BP Anna Shrigley (AS) ENI Charles Ruffell (CR) RWE Npower Chris Hogg* (CH) NGN Colin Hamilton (CH) National Grid NTS Colin Williams (CW) National Grid NTS Danishtah Parker* (DP) Cadent David Mitchell (DM) SGN Davide Rubini (DR) Shell Debra Hawkin (DH) TPA Solutions Gerry Hoggan (GH) Scottish Power Graham Jack (GJ) Centrica Henk Kreuze (HK) Vermillion Energy Ireland Jeff Chandler (JCh) SSE Joanne Parker (JP) SGN John Costa (JCo) EDF Energy Julie Cox (JCx) Energy UK Kamila Nugumanova* (KN) ESB Lee Bowerbank* (LM) ExxonMobil Marcel Neef* (MN) BBL Matt Hatch* (MH) National Grid NTS Nahed Cherfa (NC) Statoil Nick Wye (NW) Waters Wye Associates Paul Toole* (PD) Interconnector Penny Garner (PG) Joint Office Phil Lucas (PL) Richard Miller (RM) Ofgem Robert Wigginton* (RW) Wales & West Utilities		· · ·		
Alex Healy Andrew Pearce (AP) BP Anna Shrigley (AS) ENI Charles Ruffell (CR) RWE Npower Chris Hogg* (CH) NGN Colin Hamilton (CH) National Grid NTS Colin Williams (CW) David Mitchell (DM) SGN Davide Rubini Debra Hawkin (DH) TPA Solutions Gerry Hoggan (GH) Scottish Power Graham Jack (GJ) Centrica Henk Kreuze (HK) Vermillion Energy Ireland Jeff Chandler Joanne Parker (JP) SGN John Costa (JCo) EDF Energy Julie Cox (JCx) Energy UK Kamila Nugumanova* (KN) ESB Lee Bowerbank* (LM) ExxonMobil Marcel Neef* (MH) National Grid NTS Nahed Cherfa (NC) Statoil Nick Wye (NW) Waters Wye Associates Pavanjit Dhesi (PD) Interconnector Penny Garner (RF) Uniper Richard Miller (RM) Ofgem Robert Wigginton* (RW) Wales & West Utilities		, ,		
Andrew Pearce (AP) BP Anna Shrigley (AS) ENI Charles Ruffell (CR) RWE Npower Chris Hogg* (CH) NGN Colin Hamilton (CH) National Grid NTS Colin Williams (CW) National Grid NTS Danishtah Parker* (DP) Cadent David Mitchell (DM) SGN Davide Rubini (DR) Shell Debra Hawkin (DH) TPA Solutions Gerry Hoggan (GH) Scottish Power Graham Jack (GJ) Centrica Henk Kreuze (HK) Vermillion Energy Ireland Jeff Chandler (JCh) SSE Joanne Parker (JP) SGN John Costa (JCo) EDF Energy Julie Cox (JCx) Energy UK Kamila Nugumanova* (KN) ESB Lee Bowerbank* (LM) ExxonMobil Marcel Neef* (MN) MBL Matt Hatch* (MH) National Grid NTS Nahed Cherfa (NC) Statoil Nick Wye (NW) Waters Wye Associates Paul Orsler (PD) Interconnector Penny Garner (PG) Joint Office Phil Lucas (PL) National Grid NTS Richard Fairholme* (RF) Uniper Richard Miller (RM) Ofgem Robert Wigginton* (RW) Wales & West Utilities		` '		
Anna Shrigley (AS) ENI Charles Ruffell (CR) RWE Npower Chris Hogg* (CH) NGN Colin Hamilton (CH) National Grid NTS Danishtah Parker* (DP) Cadent David Mitchell (DM) SGN Gerry Hoggan (GH) Scottish Power Graham Jack (GJ) Centrica Henk Kreuze (HK) Vermillion Energy Ireland Jeff Chandler (JCh) SSE Joanne Parker (JP) SGN John Costa (JCo) EDF Energy Julie Cox (JCx) Energy UK Kamila Nugumanova* (KN) ESB Lee Bowerbank* (LIM) ExxonMobil Marcel Neef* (MN) BBL Matt Hatch* (MH) National Grid NTS Nahed Cherfa (NC) Statoil Nick Wye (NW) Waters Wye Associates Paul Orsler (PG) Joint Office Phil Lucas (PL) National Grid NTS Richard Fairholme* (RF) Uniper Robert Wigginton* (RW) Wales & West Utilities	Alex Healy	(AH)		
Charles Ruffell (CR) RWE Npower Chris Hogg* (CH) NGN Colin Hamilton (CH) National Grid NTS Danishtah Parker* (DP) Cadent David Mitchell (DM) SGN Debra Hawkin (DH) TPA Solutions Gerry Hoggan (GH) Scottish Power Graham Jack (GJ) Centrica Henk Kreuze (HK) Vermillion Energy Ireland Jeff Chandler (JCh) SSE Joanne Parker (JP) SGN John Costa (JCo) EDF Energy Julie Cox (JCx) Energy UK Kamila Nugumanova* (KN) ESB Lee Bowerbank* (LM) ExxonMobil Marcel Neef* (MM) BBL Matt Hatch* (MH) National Grid NTS Nahed Cherfa (PO) Xoserve Paul Toole* (PT) NGN Paul Youngman (PY) Drax Power Pavanjit Dhesi (PG) Iniper Richard Miller (RM) Ofgem Robert Wigginton* (RW) Wales & West Utilities	Andrew Pearce	(AP)	BP	
Chris Hogg* (CH) NGN Colin Hamilton (CH) National Grid NTS Colin Williams (CW) National Grid NTS Danishtah Parker* (DP) Cadent David Mitchell (DM) SGN Davide Rubini (DR) Shell Debra Hawkin (DH) TPA Solutions Gerry Hoggan (GH) Scottish Power Graham Jack (GJ) Centrica Henk Kreuze (HK) Vermillion Energy Ireland Jeff Chandler (JCh) SSE Joanne Parker (JP) SGN John Costa (JCo) EDF Energy Julie Cox (JCx) Energy UK Kamila Nugumanova* (KN) ESB Lee Bowerbank* (LM) ExxonMobil Marcel Neef* (MN) BBL Matt Hatch* (MH) National Grid NTS Nahed Cherfa (NC) Statoil Nick Wye (NW) Waters Wye Associates Paul Orsler (PO) Xoserve Paul Toole* (PT) NGN Paul Youngman (PY) Drax Power Phil Lucas (PL) National Grid NTS Richard Fairholme* (RF) Uniper Richard Miller (RM) Ofgem Robert Wigginton* (RW) Wales & West Utilities	Anna Shrigley	(AS)	ENI	
Colin Hamilton (CH) National Grid NTS Colin Williams (CW) National Grid NTS Danishtah Parker* (DP) Cadent David Mitchell (DM) SGN Davide Rubini (DR) Shell Debra Hawkin (DH) TPA Solutions Gerry Hoggan (GH) Scottish Power Graham Jack (GJ) Centrica Henk Kreuze (HK) Vermillion Energy Ireland Jeff Chandler (JCh) SSE Joanne Parker (JP) SGN John Costa (JCo) EDF Energy Julie Cox (JCx) Energy UK Kamila Nugumanova* (KN) ESB Lee Bowerbank* (LM) ExxonMobil Marcel Neef* (MN) BBL Matt Hatch* (MH) National Grid NTS Nahed Cherfa (NC) Statoil Nick Wye (NW) Waters Wye Associates Paul Orsler (PO) Xoserve Paul Toole* (PT) NGN Paul Youngman (PY) Drax Power Pavanjit Dhesi (PD) Interconnector Penny Garner (PG) Joint Office Phil Lucas (PL) National Grid NTS Richard Fairholme* (RM) Ofgem Robert Wigginton* (RW) Wales & West Utilities	Charles Ruffell	(CR)	RWE Npower	
Colin Williams (CW) National Grid NTS Danishtah Parker* (DP) Cadent David Mitchell (DM) SGN Davide Rubini (DR) Shell Debra Hawkin (DH) TPA Solutions Gerry Hoggan (GH) Scottish Power Graham Jack (GJ) Centrica Henk Kreuze (HK) Vermillion Energy Ireland Jeff Chandler (JCh) SSE Joanne Parker (JP) SGN John Costa (JCo) EDF Energy Julie Cox (JCx) Energy UK Kamila Nugumanova* (KN) ESB Lee Bowerbank* (LM) ExxonMobil Marcel Neef* (MN) BBL Matt Hatch* (MH) National Grid NTS Nahed Cherfa (NC) Statoil Paul Toole* (PO) Xoserve Paul Toole* (PT) NGN Paul Youngman (PY) Drax Power Pavanjit Dhesi (PD) Interconnector Penny Garner (PG) Joint Office Phil Lucas (PL) National Grid NTS Richard Fairholme* (RM) Ofgem Robert Wigginton* (RW) Wales & West Utilities	Chris Hogg*	(CH)	NGN	
Danishtah Parker* (DP) Cadent David Mitchell (DM) SGN Davide Rubini (DR) Shell Debra Hawkin (DH) TPA Solutions Gerry Hoggan (GH) Scottish Power Graham Jack (GJ) Centrica Henk Kreuze (HK) Vermillion Energy Ireland Jeff Chandler Jeff Chandler Joanne Parker (JCh) SSE Joanne Parker (JCo) EDF Energy Julie Cox (JCx) Energy UK Kamila Nugumanova* (KN) ESB Lee Bowerbank* (LM) ExxonMobil Marcel Neef* (MH) National Grid NTS Nahed Cherfa (NC) Statoil Nick Wye (NW) Waters Wye Associates Paul Toole* (PD) Interconnector Penny Garner (PG) Joint Office Phil Lucas (PL) National Grid NTS Richard Fairholme* (RF) Uniper Robert Wigginton* (RW) Wales & West Utilities	Colin Hamilton	(CH)	National Grid NTS	
David Mitchell (DM) SGN Davide Rubini (DR) Shell Debra Hawkin (DH) TPA Solutions Gerry Hoggan (GH) Scottish Power Graham Jack (GJ) Centrica Henk Kreuze (HK) Vermillion Energy Ireland Jeff Chandler (JCh) SSE Joanne Parker (JP) SGN John Costa (JCo) EDF Energy Julie Cox (JCx) Energy UK Kamila Nugumanova* (KN) ESB Lee Bowerbank* (LM) ExxonMobil Marcel Neef* (MN) BBL Matt Hatch* (MH) National Grid NTS Nahed Cherfa (NC) Statoil Nick Wye (NW) Waters Wye Associates Paul Toole* (PD) Interconnector Pavanjit Dhesi (PD) Interconnector Penny Garner (PG) Joint Office Phil Lucas (PL) National Grid NTS Richard Fairholme* (RM) Ofgem Robert Wigginton* (RW) Wales & West Utilities	Colin Williams	(CW)	National Grid NTS	
Davide Rubini Debra Hawkin (DH) TPA Solutions Gerry Hoggan (GH) Scottish Power Graham Jack (GJ) Centrica Henk Kreuze (HK) Vermillion Energy Ireland Jeff Chandler Joanne Parker Joanne Parker John Costa Julie Cox (JCo) Julie Cox (JCx) Energy UK Kamila Nugumanova* (KN) ESB Lee Bowerbank* (LM) ExxonMobil Marcel Neef* (MN) BBL Matt Hatch* (MH) National Grid NTS Nahed Cherfa (NC) Statoil Nick Wye (NW) Waters Wye Associates Paul Orsler Paul Toole* (PO) Pavanjit Dhesi (PD) Interconnector Penny Garner (PG) Joint Office Phil Lucas (PL) National Grid NTS Richard Fairholme* (RF) Uniper Richard Miller (RM) Ofgem Robert Wigginton* (RW) Wales & West Utilities	Danishtah Parker*	(DP)	Cadent	
Debra Hawkin (DH) TPA Solutions Gerry Hoggan (GH) Scottish Power Graham Jack (GJ) Centrica Henk Kreuze (HK) Vermillion Energy Ireland Jeff Chandler (JCh) SSE Joanne Parker (JP) SGN John Costa (JCo) EDF Energy Julie Cox (JCx) Energy UK Kamila Nugumanova* (KN) ESB Lee Bowerbank* (LM) ExxonMobil Marcel Neef* (MN) BBL Matt Hatch* (MH) National Grid NTS Nahed Cherfa (NC) Statoil Nick Wye (NW) Waters Wye Associates Paul Orsler (PO) Xoserve Paul Toole* (PT) NGN Paul Youngman (PY) Drax Power Pavanjit Dhesi (PD) Interconnector Penny Garner (PG) Joint Office Phil Lucas (PL) National Grid NTS Richard Fairholme* (RF) Uniper Richard Miller (RM) Ofgem Robert Wigginton* (RW) Wales & West Utilities	David Mitchell	(DM)	SGN	
Gerry Hoggan Graham Jack (GJ) Centrica Henk Kreuze (HK) Vermillion Energy Ireland Jeff Chandler (JCh) SSE Joanne Parker (JP) SGN John Costa (JCo) Julie Cox (JCx) Energy UK Kamila Nugumanova* (KN) ESB Lee Bowerbank* (LM) ExxonMobil Marcel Neef* (MN) BBL Matt Hatch* (MH) National Grid NTS Nahed Cherfa (NC) Statoil Nick Wye (NW) Waters Wye Associates Paul Orsler (PO) Xoserve Paul Toole* (PT) NGN Paul Youngman (PY) Drax Power Pavanjit Dhesi (PG) Joint Office Phil Lucas (PL) Richard Miller (RM) Ofgem Robert Wigginton* (PW) Wales & West Utilities	Davide Rubini	(DR)	Shell	
Graham Jack (GJ) Centrica Henk Kreuze (HK) Vermillion Energy Ireland Jeff Chandler (JCh) SSE Joanne Parker (JP) SGN John Costa (JCo) EDF Energy Julie Cox (JCx) Energy UK Kamila Nugumanova* (KN) ESB Lee Bowerbank* (LM) ExxonMobil Marcel Neef* (MN) BBL Matt Hatch* (MH) National Grid NTS Nahed Cherfa (NC) Statoil Nick Wye (NW) Waters Wye Associates Paul Orsler (PO) Xoserve Paul Toole* (PT) NGN Paul Youngman (PY) Drax Power Pavanjit Dhesi (PD) Interconnector Penny Garner (PG) Joint Office Phil Lucas (PL) National Grid NTS Richard Fairholme* (RF) Uniper Richard Miller (RM) Ofgem Robert Wigginton* (RW) Wales & West Utilities	Debra Hawkin	(DH)	TPA Solutions	
Henk Kreuze (HK) Vermillion Energy Ireland Jeff Chandler (JCh) SSE Joanne Parker (JP) SGN John Costa (JCo) EDF Energy Julie Cox (JCx) Energy UK Kamila Nugumanova* (KN) ESB Lee Bowerbank* (LM) ExxonMobil Marcel Neef* (MN) BBL Matt Hatch* (MH) National Grid NTS Nahed Cherfa (NC) Statoil Nick Wye (NW) Waters Wye Associates Paul Orsler (PO) Xoserve Paul Toole* (PT) NGN Paul Youngman (PY) Drax Power Pavanjit Dhesi (PD) Interconnector Penny Garner (PG) Joint Office Phil Lucas (PL) National Grid NTS Richard Fairholme* (RF) Uniper Richard Miller (RM) Ofgem Robert Wigginton* (RW) Wales & West Utilities	Gerry Hoggan	(GH)	Scottish Power	
Jeff Chandler (JCh) SSE Joanne Parker (JP) SGN John Costa (JCo) EDF Energy Julie Cox (JCx) Energy UK Kamila Nugumanova* (KN) ESB Lee Bowerbank* (LM) ExxonMobil Marcel Neef* (MN) BBL Matt Hatch* (MH) National Grid NTS Nahed Cherfa (NC) Statoil Nick Wye (NW) Waters Wye Associates Paul Orsler (PO) Xoserve Paul Toole* (PT) NGN Paul Youngman (PY) Drax Power Pavanjit Dhesi (PD) Interconnector Penny Garner (PG) Joint Office Phil Lucas (PL) National Grid NTS Richard Fairholme* (RM) Ofgem Robert Wigginton* (RW) Wales & West Utilities	Graham Jack	(GJ)	Centrica	
Joanne Parker John Costa John Costa Julie Cox (JCx) Energy UK Kamila Nugumanova* (KN) ESB Lee Bowerbank* (LM) Marcel Neef* (MN) BBL Matt Hatch* (MH) National Grid NTS Nahed Cherfa (NC) Statoil Nick Wye (NW) Waters Wye Associates Paul Orsler Paul Toole* (PT) Paul Youngman (PY) Drax Power Pavanjit Dhesi (PD) Interconnector Penny Garner (PG) Joint Office Phil Lucas (RF) Richard Miller (RM) Vales & West Utilities	Henk Kreuze	(HK)	Vermillion Energy Ireland	
John Costa (JCo) EDF Energy Julie Cox (JCx) Energy UK Kamila Nugumanova* (KN) ESB Lee Bowerbank* (LM) ExxonMobil Marcel Neef* (MN) BBL Matt Hatch* (MH) National Grid NTS Nahed Cherfa (NC) Statoil Nick Wye (NW) Waters Wye Associates Paul Orsler (PO) Xoserve Paul Toole* (PT) NGN Paul Youngman (PY) Drax Power Pavanjit Dhesi (PD) Interconnector Penny Garner (PG) Joint Office Phil Lucas (PL) National Grid NTS Richard Fairholme* (RF) Uniper Richard Miller (RM) Ofgem Robert Wigginton* (RW) Wales & West Utilities	Jeff Chandler	(JCh)		
Julie Cox (JCx) Energy UK Kamila Nugumanova* (KN) ESB Lee Bowerbank* (LM) ExxonMobil Marcel Neef* (MN) BBL Matt Hatch* (MH) National Grid NTS Nahed Cherfa (NC) Statoil Nick Wye (NW) Waters Wye Associates Paul Orsler (PO) Xoserve Paul Toole* (PT) NGN Paul Youngman (PY) Drax Power Pavanjit Dhesi (PD) Interconnector Penny Garner (PG) Joint Office Phil Lucas (PL) National Grid NTS Richard Fairholme* (RF) Uniper Richard Miller (RM) Ofgem Robert Wigginton* (RW) Wales & West Utilities	Joanne Parker	(JP)	SGN	
Kamila Nugumanova* Lee Bowerbank* (LM) ExxonMobil Marcel Neef* (MN) BBL Matt Hatch* (MH) National Grid NTS Nahed Cherfa (NC) Statoil Nick Wye (NW) Waters Wye Associates Paul Orsler Paul Toole* (PT) NGN Paul Youngman (PY) Drax Power Pavanjit Dhesi (PD) Interconnector Penny Garner (PG) Joint Office Phil Lucas (PL) National Grid NTS Richard Fairholme* (RF) Uniper Richard Miller (RM) Ofgem Robert Wigginton* (MN) ESB ExxonMobil Intercon National Grid NTS Uniper Richard Miller (RM) Ofgem Robert Wigginton* (RW) Wales & West Utilities	John Costa	(JCo)	EDF Energy	
Lee Bowerbank* Marcel Neef* (MN) BBL Matt Hatch* (MH) National Grid NTS Nahed Cherfa (NC) Statoil Nick Wye (NW) Waters Wye Associates Paul Orsler (PO) Xoserve Paul Toole* (PT) NGN Paul Youngman (PY) Drax Power Pavanjit Dhesi (PD) Interconnector Penny Garner (PG) Joint Office Phil Lucas (PL) National Grid NTS Richard Fairholme* (RF) Uniper Robert Wigginton* (RW) Wales & West Utilities	Julie Cox	(JCx)		
Marcel Neef* (MN) Matt Hatch* (MH) National Grid NTS Nahed Cherfa (NC) Statoil Nick Wye (NW) Waters Wye Associates Paul Orsler (PO) Paul Toole* Paul Youngman (PY) Pavanjit Dhesi (PD) Interconnector Penny Garner (PG) Joint Office Phil Lucas (PL) National Grid NTS Richard Fairholme* (RF) Uniper Robert Wigginton* (RW) Wales & West Utilities	Kamila Nugumanova*	(KN)		
Matt Hatch* (MH) National Grid NTS Nahed Cherfa (NC) Statoil Nick Wye (NW) Waters Wye Associates Paul Orsler (PO) Xoserve Paul Toole* (PT) NGN Paul Youngman (PY) Drax Power Pavanjit Dhesi (PD) Interconnector Penny Garner (PG) Joint Office Phil Lucas (PL) National Grid NTS Richard Fairholme* (RF) Uniper Richard Miller (RM) Ofgem Robert Wigginton* (NC) Statoil NATS Interconnector (PT) NGN Interconnector (PG) Joint Office Uniper (RF) Uniper Richard Miller (RM) Ofgem Robert Wigginton* (RW) Wales & West Utilities	Lee Bowerbank*	(LM)	ExxonMobil	
Nahed Cherfa (NC) Statoil Nick Wye (NW) Waters Wye Associates Paul Orsler (PO) Xoserve Paul Toole* (PT) NGN Paul Youngman (PY) Drax Power Pavanjit Dhesi (PD) Interconnector Penny Garner (PG) Joint Office Phil Lucas (PL) National Grid NTS Richard Fairholme* (RF) Uniper Richard Miller (RM) Ofgem Robert Wigginton* (RW) Wales & West Utilities	Marcel Neef*	(MN)	BBL	
Nick Wye (NW) Waters Wye Associates Paul Orsler (PO) Xoserve Paul Toole* (PT) NGN Paul Youngman (PY) Drax Power Pavanjit Dhesi (PD) Interconnector Penny Garner (PG) Joint Office Phil Lucas (PL) National Grid NTS Richard Fairholme* (RF) Uniper Richard Miller (RM) Ofgem Robert Wigginton* (RW) Wales & West Utilities	Matt Hatch*	(MH)	National Grid NTS	
Paul Orsler(PO)XoservePaul Toole*(PT)NGNPaul Youngman(PY)Drax PowerPavanjit Dhesi(PD)InterconnectorPenny Garner(PG)Joint OfficePhil Lucas(PL)National Grid NTSRichard Fairholme*(RF)UniperRichard Miller(RM)OfgemRobert Wigginton*(RW)Wales & West Utilities	Nahed Cherfa	(NC)	Statoil	
Paul Toole* (PT) NGN Paul Youngman (PY) Drax Power Pavanjit Dhesi (PD) Interconnector Penny Garner (PG) Joint Office Phil Lucas (PL) National Grid NTS Richard Fairholme* (RF) Uniper Richard Miller (RM) Ofgem Robert Wigginton* (RW) Wales & West Utilities	Nick Wye	(NW)	Waters Wye Associates	
Paul Youngman(PY)Drax PowerPavanjit Dhesi(PD)InterconnectorPenny Garner(PG)Joint OfficePhil Lucas(PL)National Grid NTSRichard Fairholme*(RF)UniperRichard Miller(RM)OfgemRobert Wigginton*(RW)Wales & West Utilities	Paul Orsler	(PO)	Xoserve	
Pavanjit Dhesi (PD) Interconnector Penny Garner (PG) Joint Office Phil Lucas (PL) National Grid NTS Richard Fairholme* (RF) Uniper Richard Miller (RM) Ofgem Robert Wigginton* (RW) Wales & West Utilities	Paul Toole*	(PT)		
Penny Garner (PG) Joint Office Phil Lucas (PL) National Grid NTS Richard Fairholme* (RF) Uniper Richard Miller (RM) Ofgem Robert Wigginton* (RW) Wales & West Utilities	Paul Youngman	(PY)	Drax Power	
Phil Lucas (PL) National Grid NTS Richard Fairholme* (RF) Uniper Richard Miller (RM) Ofgem Robert Wigginton* (RW) Wales & West Utilities	Pavanjit Dhesi	(PD)	Interconnector	
Richard Fairholme* (RF) Uniper Richard Miller (RM) Ofgem Robert Wigginton* (RW) Wales & West Utilities	Penny Garner	(PG)	Joint Office	
Richard Miller (RM) Ofgem Robert Wigginton* (RW) Wales & West Utilities	Phil Lucas	(PL)	National Grid NTS	
Robert Wigginton* (RW) Wales & West Utilities	Richard Fairholme*	(RF)	Uniper	
Robert Wigginton* (RW) Wales & West Utilities	Richard Miller	(RM)	Ofgem	
Samuele Repetto* (SR) EDF Trading	Robert Wigginton*	(RW)	Wales & West Utilities	
	Samuele Repetto*	(SR)	EDF Trading	

Sean Hayward	(SH)	Ofgem
Sinead Obeng	(SO)	South Hook Gas
William Webster	(WW)	Oil & Gas UK
* via teleconference		

Copies of all papers are available at: https://www.gasgovernance.co.uk/0621/221117

1.0 Introduction and Status Review

RH welcomed all to the meeting highlighting that there is a need for a discussion with regards to the agenda for the day and handed over to PG.

PG addressed the Workgroup by mentioning the concerns raised with the Joint Office that Modification 0636 had been added to the agenda. She first offered an opportunity for concerns to be aired as to why Modification 0636 is on the agenda for this meeting.

GJ said that it is the understanding that every 2nd meeting would concentrate on Modification 0621 only.

There is a concern that there is a lot of work and development required for Modification 0621.

PG explained that, to give adequate time to all parties, discussions with the proposer of Modification 0636 led to the decision being made that utilising this meeting was the best option.

When asked, it was confirmed that any alternates to Modification 0621 would be dealt with at the Modification 0621 Workgroup meetings.

A suggested way forward is put to the Workgroup that NTSCMF meetings could cover Modification 0636 plus anything else associated, and for Modification 0621 to move to its own Workgroup.

JCh said that having Modification 0636 covered within NTSCMF meeting dates was a reasonable suggestion, but requested that Modification 0621 is also reviewed on the NTSCMF dates.

In terms of Modification 0636, PG suggested that the Workgroup could ask UNC Panel for an extension, as there are further considerations for the Workgroup to determine and timescales could be very demanding, considering it is currently due to go to UNC Panel on 18 January 2018.

The Workgroup agreed that Modification 0621 should be discussed first on the agenda followed by Modification 0636.

Here is the suggested timetable for the upcoming meetings for NTSCMF; Modification 0621 and Modification 0636.

The workgroup then followed the agenda for Modification 0621 and Modification 0636

Date	Topic to be covered	Workgroup
06 December 2017 Elexon, London	NTSCMF and Modification 0621	NTSCMF
07 December 2017 (1pm start time) Elexon, London	Modification 0636, to take place after completion of Transmission Workgroup	Workgroup 0636
14 December 2017 St Johns Hotel, Solihull	Modification 0621	Workgroup 0621
18 December 2017 Joint Office, Pure, Warwick	Modification 0636	Workgroup 0636
20 December 2017 Solihull venue TBC	Modification 0621	Workgroup 0621
03 January 2018 Elexon, London	NTSCMF and Modification 0621	NTSCMF
04 January 2018 Elexon, London	Transmission Workgroup and Modification 0636	Workgroup 0636

2.0 Progress Update

Diary Planning

CW confirmed that there is an intention to ask UNC Panel for an extension, provisionally to February 2018 but CW is mindful of the Ofgem Licence consultation and that there are concerns of time constraints being able to dedicate to Modification 0621 and indeed any other Modifications/Alternatives that might be proposed.

The Workgroup supported the suggestion that Modification 0621 Workgroup should be considered on its own (twice per month).

JCx asked Ofgem with regards to the Consultation, when is it likely that a decision and publication of responses will be made, SH advised that Ofgem are working on a response and intend to publish next week, 7 responses have been received so far.

PG advised that, on a best endeavours basis, Joint Office will support the Modification 0621 meetings as and when required.

PG suggested there is a discussion to be had regarding whether National Grid-led WebEx or other types of meetings might be useful; some of these might not be facilitated/minuted by the JO.

CW said that, as more capability is built in to the models, it may be appropriate to have some educational sessions and then feedback in to the Workgroup.

It was agreed that, if there is a need for more than two Modification 0621 meetings per month, the additional meetings would be covered via a Webex, the two Modification 0621 meetings per month will be facilitated by Joint Office.

JCh said that Alternative Modifications might not be submitted until Modification 0621 is in a stable position.

HK suggested that Modification 0621 is considered at the next NTSCMF meeting on 06 December and Modification 0636 is moved to be considered after completion of the Transmission Workgroup on 07 December 2017.

Transition 2019 and 2021

Referring to the material provided for today's discussion, CW explained the transition arrangements as outlined in the presentation which can be found here: https://www.gasgovernance.co.uk/NTSCMF/221117 encouraging the workgroup for views on the transitional approach being proposed.

Whilst reviewing the information in the presentation on slides 6-8, GJ said that the information going in to the modification could be being too explicit, and thinks it might be worth having a degree of flexibility within the modification. Agreeing JCx said if the forecast is at an individual point level and the forecast is wrong, what impact would that have on the prices, suggesting it will lead to under and over paying.

HK added that if 100% is being used then at least the Shipper knows and has clarity and asked if what is being proposed is compliant with TAR?

CW will be adding in to the next iteration of the CWD Model a calculation for the cost assessment.

With regards to capacity based methodology, NW said that during the transition period multipliers of 1 etc. will lead to a greater recovery post 2019. If capacity based methodology commences with existing contracts, NW thinks 2021 is at least a year too early and suggests 2022 to allow derivation of FCC on the system and National Grid NTS being able to predict Entry and Exit prices based on 12 months' data. Discrimination is likely if FCCs are largely wrong.

AS asked if the justification on why transition is required can be included in the modification, adding that with a step change from zero capacity price to a non-zero capacity price, Shippers need to adjust to the new regime and asks for proper justification of how National Grid NTS are going to manage the transition.

RH confirmed that there will be a section in the Workgroup Report, justification for use of transition moving from Commodity to Capacity.

JCh supports the transition proposal suggesting that the impact on security of supply and the National Balancing Point (NBP) price needs to be looked at to look at any unforeseen impacts.

Transition and enduring compliance

SH reiterated that the Ofgem Letter from February 2017 expressed concerns about having a commodity based tariff and suggested there needs to be more information about how National Grid NTS is ensuring compliance with TAR.

NW suggested that an alternative would be less cost reflective on the basis if the FCCs are

wrong, the FCC has a less cost reflective outcome than if you went through what is proposed as a step change.

When asked, CW confirmed that there will be more information on all of the compliance points being made on slide 9, possibly in December.

JCx suggested a 'postage stamp' approach from 2022, this being a fixed charge approach.

WW said that a transition period gives a better chance of getting to a cost reflective system.

PD asked for clarification on what National Grid NTS will be delivering in December, CW confirmed National Grid NTS will be delivering the proposal on Slide 9 with justification.

GJ added that any differences in opinion will be reflected in the Workgroup Report.

Proposal for Interruptible/Off-peak Reserve Price

CH advised that National Grid NTS are looking at a number of methodologies and confirmed that the Interruptible/Off Peak Reserve Price will always will have a discount of at least 10%.

JCh advised that in the North East there are currently 4 or 5 PARCAs (Planning and Advanced Reservation of Capacity Agreement) which would create a high risk of interruptible. CH responded that in Code it says if there is something exceptional or different happened, National Grid NTS can revisit the percentage discount within the year.

AS asked for National Grid NTS to include an explanation as to why there is a discount on interruptible capacity. CH advised that he would have to look at the tariff code to see why it is mentioned in the first instance, adding that Article 16 mentions a reasonable discount.

CH confirmed that the reason why interruptible capacity is offered is so that capacity is always available.

GJ said it would be useful to explain what the 10% discount is for, e.g. reserve price of the equivalent firm product.

LB asked for clarification on the predicted liability and why a 10% discount is being offered if it is usually less than 5%. MH confirmed that National Grid NTS were looking for something simple which gives the industry certainty and should be easy to roll over, adding that he does not see any justification to use a 5% banding. Also, MH does not think it would give Users the opportunity to choose interruptible capacity if only a 5% discount is being offered.

MH also confirmed that National Grid NTS are not incentivising users to choose interruptible.

PY asked for any information on historical buyback costs as a close substitute.

New Action 0621-1101 – National Grid NTS to provide aggregate figures for buyback costs year on year, historically going back 15 years at discrete points for use in the impact assessments.

Avoiding Inefficient Bypass of the NTS

AB took the workgroup through the four options and the two solutions being proposed, asking the workgroup for their thoughts.

PD asked when National Grid NTS will have a decision on which option to go with? CW advised the purpose of showing this is to share the challenges being faced with any of the four options.

JCx asked if National Grid NTS can come up with some form of methodology for Option 4 for the next meeting.

NW asked for confirmation that National Grid NTS are recommending a methodology that would sit inside Code and the formula outside of code.

Transmission Services Revenue Recovery

CW advised there would be a revenue recovery approach particularly on these items:

- Existing Contracts
- Interim Contracts
- Interconnection Points

GJ asked how existing contracts will be treated from 2021. CW advised that a secondary capacity charge will apply to existing contracts.

NW added that if the timeframe is set at 2022, existing contracts could be excluded. Longer term he can see a case for excluding capacity charges for existing contracts.

This concluded the parts of the presentation material that CW felt were most important to go through, for more information, please review the presentation provided.

3.0 Development of the Workgroup Report

RH confirmed that the workgroup report will be updated when a further Amended Modification is received.

4.0 Next Steps

5.0 Any Other Business

CW asked for any feedback, comments, concerns and questions on the new National Grid website.

6.0 Diary Planning

Further details of planned meetings are available at: www.gasgovernance.co.uk/Diary

Following earlier discussion, workgroup meetings for NTSCMF; Modification 0621 and Modification 0636 will take place as follows:

Time / Date	Venue	Workgroup Programme
10:00 Wednesday 06 December 2017	Elexon, 4th Floor, 350 Euston Road, London, NW1 3AW	NTSCMF Gas Charging ForumWorkgroup 0621
approx. 13:00 Thursday 07 December 2017	Elexon, 4th Floor, 350 Euston Road, London, NW1 3AW	Workgroup 0636, to take place after completion of Transmission Workgroup

10:30 Thursday 14 December 2017	St Johns Hotel, Solihull	Workgroup 0621
10:30 Monday 18 December 2017	Joint Office, Pure, Lake View House, Tournament Fields, Warwick CV34 6RG	Workgroup 0636
10:30 Wednesday 20 December 2017	Solihull venue TBC	Workgroup 0621
10:00 Wednesday 03 January 2018	Elexon, 4th Floor, 350 Euston Road, London, NW1 3AW	NTSCMF Gas Charging ForumWorkgroup 0621
13:00 Thursday 04 January 2018	Elexon, 4th Floor, 350 Euston Road, London, NW1 3AW	Workgroup 0636, to take place after completion of Transmission Workgroup
10:00 Monday 23 January 2018	Elexon, 4th Floor, 350 Euston Road, London, NW1 3AW	Workgroup 0621
10:30 Tuesday 06 February 2018	Solihull venue TBC	NTSCMF Gas Charging ForumWorkgroup 0621
10:00 Tuesday 20 February 2018	Elexon, 4th Floor, 350 Euston Road, London, NW1 3AW	Modification 0621

	As at 22 November 2017					
Action Ref	Meeting Date(s)	Minute Ref	Action	Owner	Status Update	
0621- 0301	06/03/17	3.0	National Grid NTS (CW) to articulate and capture Storage Review concerns within the Storage discussion document.	National Grid NTS (CW)	Carried Forward	
0621- 0404	24/04/17	4.1	'Avoiding Inefficient Bypass of the NTS' (one-pager) - CW and the Subgroup to revisit/reword the final paragraph to add clarity, and re-publish.	National Grid NTS (CW)	Carried Forward	
0621- 0707	17/07/17	3.1	CW/LJ to check the calculations of CWD to better understand when to include the existing contracts, clarifying the influence on entry vs exit impact in the CWD model of existing contracts. This will be illustrated at future workgroup. Action extension: CW/LJo to give a view on materiality and analysis is required to see if the calculations cancel each other out. Action extension 05/09/17: CW to re-examine the principles behind the charging model and provides justification as to how NTS undertook the charging modelling.	National Grid (CW/LJ)	Carried Forward	
0621- 0901	26/09/17		Plan and Change process: RH; DR and CW to provide more information on ACER consultation plus the UNC consultation at the next meeting.	RH; DR; CW	Carried Forward	
0621- 0903	26/09/17		Plan and Change process: All to respond to the comments made in the presentation regarding the Impact Assessment, specifically slide 61.	All	Carried Forward	
0621- 1101	22/11/17		National Grid NTS to provide aggregate figures for buyback costs year on year historically going back 15 years at discreet points just for use in the impact assessments.	National Grid (CW/CH)	Pending	