

To the Company Secretary:

Northern Powergrid (Yorkshire) plc Company Number: 04112320

DIRECTIONS ISSUED BY THE GAS AND ELECTRICITY MARKETS AUTHORITY TO NORTHERN POWERGRID (YORKSHIRE) PLC UNDER THE SPECIAL CONDITIONS OF ITS ELECTRICITY DISTRIBUTION LICENCE IN RESPECT OF THE ANNUAL ITERATION PROCESS FOR THE ED1 PRICE CONTROL FINANCIAL MODEL (PCFM)

WHEREAS

- 1. Northern Powergrid (Yorkshire) plc ('the licensee') is the holder of an electricity distribution licence ('the licence') granted or treated as granted under section 6(1)(c) of the Electricity Act 1989 ('the Act').
- 2. For the purposes of these directions:
- (a) the expression 'Regulatory Year t' has the same meaning as is given to it in CRC 1B (Interpretation of Part 4) of the licence and references to Regulatory Year t-1 are to be construed accordingly; and
- (b) Regulatory Year t is the Regulatory Year that commences on 1 April 2020 and ends on 31 March 2021 ('Regulatory Year 2020/21').
- 3. CRC 4B (Annual Iteration Process for the ED1 Price Control Financial Model) requires the Gas and Electricity Markets Authority ('the Authority') to:
- (a) carry out the Annual Iteration Process for the ED1 Price Control Financial Model; and
- (b) direct the value of the term MOD for Regulatory Year t for the purposes of the formula specified in Part C of CRC 2A (Restriction of Allowed Distribution Network Revenue); by 30 November in Regulatory Year t-1.
- 4. The following Special Conditions provide for the Authority to direct revised PCFM Variable Values for the licensee for the purpose of the Annual Iteration Process for the ED1 Price Control Financial Model that forms part of CRC 4A (Governance of ED1 Price Control Financial Instruments) of the licence:
- CRC 3A (Legacy price control adjustments) in respect of LTPG, LTPS, LTPD, LTPC, OLREV, OLRAV and RIREV values;
- CRC 3B (Determination of PCFM Variable Values relating to actual Totex expenditure for Totex Incentive Mechanism Adjustments) in respect of ALC, ANLR, ANLO, AFE, ARP, ACO and TRE values;
- CRC 3C (Specified financial adjustments) in respect of EDE, TTE, TGIE and CDE values;
- CRC 3D (The Innovation Roll-out mechanism) in respect of IRM values;
- CRC 3E (Smart Meter Roll-out Costs) in respect of SMAE values;
- CRC 3F (Arrangements for the recovery of uncertain costs) in respect of UCHVP, UCEPS, UCSSW, UCRE and UCLB values;
- CRC 3G (Revising the allowed level of Load Related Expenditure) in respect of LRRC values;
- CRC 3H (Allowed expenditure on improving services to Worst Served Customers) in respect of WSCC values; and
- CRC 3J (Allowed expenditure on Visual Amenity Projects) in respect of VAA values.
- 5. Each of the Special Conditions referred to in paragraph 4:
- (a) sets out the basis on which any revisions to relevant PCFM Variable Values are to be determined; and
- (b) where applicable, specifies the price control financial methodology in accordance with which revisions to the relevant PCFM Variable Value(s) are to be determined and the chapter of the ED1 Price Control Financial Handbook containing that methodology.
- 6. The reason for this direction is to revise the PCFM Variable Values as used in the Annual Iteration Process for the ED1 Price Control Financial Model (as each of those terms is defined in CRC 1B). The Annual Iteration Process is used to calculate the value of the term MOD for the purposes of the formula specified in CRC 2A (Restriction of Allowed Distribution Network Revenue).
- 7. In accordance with requirements set out in the Special Conditions referred to in paragraph 4, on 11 November 2019 the Authority gave notice of the revised PCFM Variable Values that it proposed to direct by 30 November 2019 in Regulatory Year t-1 and specified that any representations concerning the proposed values should be made within fourteen days of receiving the notice.
- 8. The Authority received no representations.

NOW the Authority pursuant to the provisions of the Special Conditions referred to in paragraphs 3 and 4, HEREBY DIRECTS that:

- (a) the PCFM Variable Values referred to in paragraph 4 are to be revised as shown in Schedule 1 to these directions; and
- (b) the term MOD for the licensee for Regulatory Year 2020/21 is to take the value -£8.6m.

Schedule 2 to these directions shows the complete PCFM Variable Values Table including the values revised under these directions (in bold font) and the values that have not been revised under these directions.

This constitutes notice of the reasons for the Authority's decision pursuant to section 49A of the Act.

Steve McMahon

Deputy Director, Network Price Controls

Duly authorised on behalf of the Gas and Electricity Markets Authority

29 November 2019

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Mathematical method Mathematical Mathematical method Mat	ALC Actual load-rel. ANLR Actual non-loar replacement ANLO Actual non-loar AFE Actual faults es TRE Actual tree cut ARP Actual 100% 're ACO Actual controll. UCEPS Allowed Expen Security UCHVP Allowed Expen VAA Allowed Expen	ated capex expenditure d related capex expenditure - asset d related capex - other expenditure ting evenue pool' expenditure able opex expenditure	CRC 3B CRC 3B CRC 3B CRC 3B	% fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13			Revision No	Revision	Revision	Revision	Revision			
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Mathematical 1968 1968 1969	AFE Actual faults extended for the control of the c	xpenditure ting evenue pool' expenditure able opex expenditure	CRC 3B	Prices £m 12/13						74.5				
Mathematical Math	ARP Actual 100% 're ACO Actual controll UCEPS Allowed Expen Security UCHVP Allowed Expen VAA Allowed Expen	evenue pool' expenditure able opex expenditure								7.9				
Mathematical Signature S	ARP Actual 100% 're ACO Actual controll. UCEPS Allowed Expen Security UCHVP Allowed Expen VAA Allowed Expen	evenue pool' expenditure able opex expenditure	CRC 3B	Prices						40.7				
Mathematical Color 1968 1969	ACO Actual controll. UCEPS Allowed Expen Security UCHVP Allowed Expen VAA Allowed Expen	able opex expenditure		£m 12/13			No	No	No	3.1	No	No	No	No
Mathematical Math	ACO Actual controll. UCEPS Allowed Expen Security UCHVP Allowed Expen VAA Allowed Expen	able opex expenditure	CRC 3B				No			8.1	No	No	No	No
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Ministry	Allowed Eur		CRC 3J	Prices						1.0				
Marie Mari		diture - Worst Served Customer	CRC 3H											
Marie Paris Pari	SMAE Allowed Expen	diture - Smart Meter Roll-out costs	CRC 3E						3.5	3.7				
Marie Propriess Property	UCSSW Allowed Expen	diture - Specified Street Works	CRC 3F	£m 12/13					0.6	0.8				
Manual M	LRRC Allowed Expen	diture - Load Related	CRC 3G	£m 12/13										
Manual Superdinum - November Costs Cost Manual Superdinum - November Cost Cost Manual Superdinum -				£m 12/13			No	No	No	No	No	No	No	No
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Monte Composition Section Continue	IRM Allowed Expen	diture - Innovation Roll-out	CRC 3D	£m 12/13			No	No	No	No	No	No	No	No
March Marc	Allowed Evnen	diture - Shetland Extension Fixed	CRC 3F											
March Marc	Energy Costs (S													
Section Content Cont	Process Costs (,												
Signature Control	Costs (SSEH)		CRC 3F	Prices			Revision	Revision	Revision	Revision	Revision	Revision	Revision	Revision
Name	adjustment		CRC 3C	Prices			Revision							
Mathitian algustment Math	revenue adjust	ment	CRC 3A											
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Total ballity revenue allowance adjustments - gaaring	RIREV RAV Rolling Inc	centive legacy adjustments' price	CRC 3A	£m 12/13										
The continue of the continue	TGIF Tax liability rev	venue allowance adjustments - gearing	CRC 3C											
Price Pric	Tay liability rev		CRC 3C	£m 12/13			No	No					No	No
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PPF Levy							-0.1							
Tax Clawback	PPF PPF Levy		Chapter 15	£m 12/13			0.0							
Tax Tax True-Up Chapter 15	TCB Tax Clawback		Chapter 15	£m 12/13			0.0							
DGS Distributed Generation for DPCRS Chapter 15 Fm 12/13 Prices BDC Bad Debts Chapter 15 Fm 12/13 Prices TMA Traffic Management Act Chapter 15 Fm 12/13 Prices UMS Undergrounding & Worst Served Customers Improvements LRR Load Related Reopener Chapter 15 Prices HVC High Volume Low Cost Connections Chapter 15 Fm 12/13 Prices HVP High Value Projects Chapter 15 Fm 12/13 Prices EPS Enhanced Physical Site Security Chapter 15 Fm 12/13 Prices ERM Rising & Lateral Mains Chapter 15 Fm 12/13 Prices HHD Rising & Lateral Mains Chapter 15 Fm 12/13 Prices Find Diod Prevention (SSEH Only) Chapter 15 Fm 12/13 Prices Incremental Legacy Adjustments used to calculate OLRAV RAV RAV Additions Chapter 16 Fm 12/13 Prices Incremental Legacy Adjustments used to calculate RIREV RRI RRI Revenue Adjustment Chapter 16 Fm 12/13 Prices Fm 12/13 Prices -0.8 9.2				£m 12/13										
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RRI RLM RRI RLM Adjustment Chapter 16 Em 12/13 Prices 0.0							-3.1							
Prices Fm 17/13				£m 12/13										

SCHEDULE 2 TO THE AUTHORITY'S DIRECTION - VARIABLE VALUE TABLE

			_			Regulatory Year Ending								
Variable Name	Special Condition	Price Base / Units	Term	31 March 2014	31 March 2015	31 March 2016	31 March 2017	31 March 2018	31 March 2019	31 March 2020	31 March 2021	31 March 2022	31 March 2023	
Allowed percentage cost of corporate debt	CRC 3C	Annual Real %	CDE	2014	2015	2.55%	2.42%	2.29%	2.09%				1.78%	
Actual load-related capex expenditure	CRC 3B	£m 12/13 prices	ALC			34.1	9.9	10.8	7.2				-	
Actual non-load related capex expenditure - asset replacement	CRC 3B	£m 12/13 prices	ANLR			69.9	64.0	60.4	74.5					
Actual non-load related capex - other	CRC 3B	£m 12/13 prices	ANLO			8.3	8.8	9.7	7.9					
Actual faults expenditure	CRC 3B	£m 12/13 prices	AFE			43.3	40.3	35.7	40.7					
Actual tree cutting	CRC 3B	£m 12/13 prices	TRE			6.7	5.5	4.5	3.1					
Actual 100% 'revenue pool' expenditure	CRC 3B	£m 12/13 prices	ARP			8.8	8.1	9.9	8.1					
Actual controllable opex expenditure	CRC 3B	£m 12/13 prices	ACO			64.3	66.3	65.8	65.5					
Allowed Expenditure - Enhanced Physical Site Security	CRC 3F	£m 12/13 prices	UCEPS			0.9		0.5	0.1	1.9	0.0	0.0	0.0	
Allowed Expenditure - High Value Projects	CRC 3F	£m 12/13 prices	UCHVP			10.7	0.0	0.0	0.0	0.0				
Allowed Expenditure - Visual Amenity Projects (TIM neutral)	CRC 3J	£m 12/13 prices	VAA			0.4	0.6	0.6	1.0					
Allowed Expenditure - Worst Served Customer Project (TIM neutral)	CRC 3H	£m 12/13 prices	WSCC			-								
Allowed Expenditure - Smart Meter Roll-out costs	CRC 3E	£m 12/13 prices	SMAE			1.1	2.0	3.5	3.7	3.2	2.4		-	
Allowed Expenditure - Specified Street Works	CRC 3F	£m 12/13 prices	UCSSW			0.7	0.7	0.6	0.8	1.1	1.7	1.7	1.6	
Allowed Expenditure - Load Related	CRC 3G	£m 12/13 prices	LRRC			8.0	10.4	10.7	14.5	19.0	15.5	12.1	14.3	
Allowed Expenditure - Rail Electrification (WPD)	CRC 3K	£m 12/13 prices	RE			-								
Allowed Expenditure - Moorside Costs (ENWL)	CRC 3L	£m 12/13 prices	UCMC			-								
Allowed Expenditure - Shetland Uncertain Energy (SSEH)	CRC 3F	£m 12/13 prices	UCSFE			-	-						-	
Allowed Expenditure - Shetland Competitive Process (SSEH)	CRC 3F	£m 12/13 prices	UCCPC			-	-						-	
Allowed Expenditure - Link Boxes	CRC 3F	£m 12/13 prices	UCLB			-	-			-	-		-	
Allowed Expenditure - Subsea Cables (SSEH)	CRC 3F	£m 12/13 prices	UCSC			-	-			-	-		-	
Allowed Expenditure - Uncertain Rail Electrification Costs	CRC 3F	£m 12/13 prices	UCRE			-	-				-		-	
Allowed Expenditure - Innovation Roll-out Mechanism	CRC 3D	£m 12/13 prices	IRM			-	-	-	-		-		-	
Allowed Expenditure - Shetland Extension Fixed Energy Costs (SSEH)	CRC 3F	£m 12/13 prices	UCSEFEC			-	-			-	-		-	
Allowed Expenditure - Shetland Enduring Solution Process Costs (SSEH)	CRC 3F	£m 12/13 prices	UCSESPC			-	-			-	-		-	
Allowed Expenditure - Shetland Extension Battery Costs (SSEH)	CRC 3F	£m 12/13 prices	UCSEBC			-	-			-	-		-	
Pension Scheme Established Deficit revenue adjustment	CRC 3C	£m 12/13 prices	EDE			6.9	6.9	6.9	5.3	5.3	5.3	5.3	5.3	
Other legacy adjustments' price control allowed revenue adjustment	CRC 3A	£m 12/13 prices	OLREV			2.6								
Other legacy adjustments' price control RAV additions adjustment	CRC 3A	£m 12/13 prices	OLRAV	(0.8)	9.2									
RAV Rolling Incentive legacy adjustments' price control allowed revenue adjustment	CRC 3A	£m 12/13 prices	RIREV			(3.3)								
Tax liability revenue allowance adjustments - gearing / debt interest costs	CRC 3C	£m Nominal	TGIE			-	-	-	-		-		-	
Tax liability revenue allowance adjustments - tax trigger events	CRC 3C	£m 12/13 prices	TTE			-	-	(0.3)	(0.3)	-	(1.9)		-	
Legacy general tax pool adjustment	CRC 3A	£m Nominal	LTPG	(10.7)										
Legacy special tax pool adjustment	CRC 3A	£m Nominal	LTPS	(0.9)										
Deferred Revenue Expenditure pre-RIIO movement adjustment	CRC 3A	£m Nominal	LTPD	1.1	(11.3)									
DRE: Gross capex adjustment	CRC 3A	£m Nominal	LTPC	3.6	(10.1)									