To the Company Secretary:

Southern Electric Power Distribution plc Company Number: 04094290

DIRECTIONS ISSUED BY THE GAS AND ELECTRICITY MARKETS AUTHORITY TO SOUTHERN ELECTRIC POWER DISTRIBUTION 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. Southern Electric Power Distribution 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 2019 and ends on 31 March 2020 ('Regulatory Year 2019/20').
- 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;
- 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 14 November 2018 the Authority gave notice of the revised PCFM Variable Values that it proposed to direct by 30 November 2018 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 2019/20 is to take the value -£19.0m.

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.

Geoffrey Randall

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Deputy Director, Network Price Controls Duly authorised on behalf of the Gas and Electricity Markets Authority 30 November 2018

SCHEDULE 1 TO THE AUTHORITY'S DIRECTIONS - REVISIONS TO VARIABLE VALUES (shown to 1 d.p., except CDE shown to 2 d.p.)

								Dogulatory	Voor Ending				
	SSES PCFM Variable Value	Special Condition	Price Base / Units	DPCR5 31 March 2014	Legacy 31 March 2015	31 March 2016	31 March 2017	31 March 2018	Year Ending RIIO 31 March 2019		31 March 2021	31 March 2022	31 March 2023
CDE	Allowed percentage cost of corporate debt	CRC 3C	Annual Real %			No Revision	No Revision	No Revision	2.09%	1.94%	1.94%	1.94%	1.94%
ALC	Actual load-related capex expenditure	CRC 3B	£m 12/13 Prices			No Revision	No Revision	35.3	No Revision	No Revision	No Revision	No Revision	No Revision
ANLR	Actual non-load related capex expenditure - asset replacement	CRC 3B	£m 12/13 Prices			No Revision	No Revision	89.3	No Revision	No Revision	No Revision	No Revision	No Revision
	Actual non-load related capex - other	CRC 3B	£m 12/13			No	No	15.4	No	No	No	No	No
	Actual faults expenditure	CRC 3B	Prices £m 12/13			Revision No	Revision No	40.8	Revision No	Revision No	Revision No	Revision No	Revision No
			Prices £m 12/13			Revision No	Revision No		Revision No	Revision No	Revision No	Revision No	Revision No
	Actual tree cutting	CRC 3B	Prices £m 12/13			Revision No	Revision No	9.2	Revision No	Revision No	Revision No	Revision No	Revision No
ARP	Actual 100% 'revenue pool' expenditure	CRC 3B	Prices £m 12/13			Revision	Revision	11.6	Revision	Revision	Revision	Revision	Revision No
	Actual controllable opex expenditure	CRC 3B	Prices			No Revision	107.4	118.4	No Revision	Revision	Revision	Revision	Revision
UCEPS	Allowed Expenditure - Enhanced Physical Site Security	CRC 3F	£m 12/13 Prices			No Revision	No Revision	No Revision	No Revision	No Revision	No Revision	No Revision	No Revision
UCHVP	Allowed Expenditure - High Value Projects	CRC 3F	£m 12/13 Prices			No Revision	No Revision	No Revision	No Revision	No Revision	No Revision	No Revision	No Revision
VAA	Allowed Expenditure - Visual Amenity Projects	CRC 3J	£m 12/13 Prices			No Revision	No Revision	0.2	No Revision	No Revision	No Revision	No Revision	No Revision
WSCC	Allowed Expenditure - Worst Served Customer Projects	CRC 3H	£m 12/13 Prices			No Revision	No Revision	0.3	No Revision	No Revision	No Revision	No Revision	No Revision
	Allowed Expenditure - Smart Meter Roll-out costs	CRC 3E	£m 12/13			No	No	1.9	No	No	No	No	No
UCSSW	Allowed Expenditure - Specified Street Works	CRC 3F	Prices £m 12/13			Revision No	No	No	Revision No	Revision No	Revision No	Revision No	No
	Allowed Expenditure - Load Related	CRC 3G	Prices £m 12/13			Revision No	Revision No	Revision No	Revision No	Revision No	Revision No	Revision No	Revision No
			Prices £m 12/13			Revision No	Revision No	Revision No	Revision No	Revision No	Revision No	Revision No	Revision No
	Allowed Expenditure - Rail Electrification (WPD)	CRC 3K	Prices £m 12/13			Revision	Revision No	Revision	Revision	Revision	Revision	Revision	Revision No
UCMC	Allowed Expenditure - Moorside Costs	CRC 3L	Prices			Revision	Revision	Revision	Revision	Revision	Revision	Revision	Revision
UCSFE	Allowed Expenditure - Shetland Uncertain Energy	CRC 3F	£m 12/13 Prices			No Revision	No Revision	No Revision	No Revision	No Revision	No Revision	No Revision	No Revision
UCCPC	Allowed Expenditure - Shetland Competitive Process	CRC 3F	£m 12/13 Prices			No Revision	No Revision	No Revision	No Revision	No Revision	No Revision	No Revision	No Revision
UCLB	Allowed Expenditure - Link Boxes	CRC 3F	£m 12/13 Prices			No Revision	No Revision	No Revision	No Revision	No Revision	No Revision	No Revision	No Revision
UCSC	Allowed Expenditure - Subsea Cables	CRC 3F	£m 12/13 Prices			No Revision	No Revision	No Revision	No Revision	No Revision	No Revision	No Revision	No Revision
UCRE	Allowed Expenditure - Uncertain Rail Electrification	CRC 3F	£m 12/13 Prices			No Revision	No	No	No Revision	No Revision	No Revision	No	No Revision
IRM	Costs Allowed Expenditure - Innovation Roll-out	CRC 3D	£m 12/13			No	No	No	No	No	No	No	No
	Mechanism Pension Scheme Established Deficit revenue	CRC 3C	Prices £m 12/13			Revision No	Revision No	Revision No	Revision No	Revision No	Revision No	Revision No	Revision No
	adjustment Other legacy adjustments' price control allowed		Prices £m 12/13			Revision No	Revision	Revision	Revision	Revision	Revision	Revision	Revision
	revenue adjustment Other legacy adjustments' price control RAV	CRC 3A	Prices £m 12/13	No	No	Revision							
OLRAV	additions adjustment RAV Rolling Incentive legacy adjustments' price	CRC 3A	Prices £m 12/13	Revision	Revision	No	ו						
RIREV	control allowed revenue adjustment	CRC 3A	Prices			Revision							
IGIE	Tax liability revenue allowance adjustments - gearing / debt interest costs	CRC 3C	£m Nominal			No Revision	No Revision	No Revision	No Revision	No Revision	No Revision	No Revision	No Revision
-	Tax liability revenue allowance adjustments - tax trigger events	CRC 3C	£m 12/13 Prices			No Revision	No Revision	0.0	No Revision	No Revision	No Revision	No Revision	No Revision
LTPG	Legacy general tax pool adjustment	CRC 3A	£m Nominal	No Revision	No Revision								
LTPS	Legacy special tax pool adjustment	CRC 3A	£m Nominal	No Revision	No Revision								
I IIPD I	Deferred Revenue Expenditure pre-RIIO movement adjustment	CRC 3A	£m Nominal	No	No Revision								
	DRE: Gross capex adjustment	CRC 3A	£m Nominal	No	No								
I		1		Revision	Revision	21 Mauch	21 March	21 March	21 March	21 March	21 March	21 March	21 March
	SSES	Financial Handbook	Price Base	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
PTU	Incremental Legacy Adjustments used to calcula Pension True-Up	Chapter 15	£m 12/13			-0.4]						
			Prices £m 12/13										
	PPF Levy	Chapter 15	Prices £m 12/13			0.0							
	Tax Clawback	Chapter 15	Prices £m 12/13			0.0							
Тах	Tax True-Up	Chapter 15	Prices			-2.0							
DG5			C										
	Distributed Generation for DPCR5	Chapter 15	£m 12/13 Prices			-4.4							
BDC	Distributed Generation for DPCR5 Bad Debts	Chapter 15 Chapter 15											
			Prices £m 12/13			-4.4							
TMA	Bad Debts Traffic Management Act Undergrounding & Worst Served Customers	Chapter 15	Prices £m 12/13 Prices £m 12/13 Prices £m 12/13 Prices £m 12/13			-4.4 0.0							
TMA UWS	Bad Debts Traffic Management Act	Chapter 15 Chapter 15	Prices £m 12/13 Prices			-4.4 0.0 0.0							
TMA UWS LRR	Bad Debts Traffic Management Act Undergrounding & Worst Served Customers Improvements	Chapter 15 Chapter 15 Chapter 15	Prices £m 12/13			-4.4 0.0 0.0 0.2							
TMA UWS LRR HVC	Bad Debts Traffic Management Act Undergrounding & Worst Served Customers Improvements Load Related Reopener High Volume Low Cost Connections	Chapter 15 Chapter 15 Chapter 15 Chapter 15 Chapter 15	Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices			-4.4 0.0 0.0 0.2 0.0 -0.1							
TMA UWS LRR HVC HVP	Bad Debts Traffic Management Act Undergrounding & Worst Served Customers Improvements Load Related Reopener High Volume Low Cost Connections High Value Projects	Chapter 15 Chapter 15 Chapter 15 Chapter 15 Chapter 15 Chapter 15	Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices			-4.4 0.0 0.0 0.2 0.0 -0.1 0.0							
TMA UWS LRR HVC HVP EPS	Bad Debts Traffic Management Act Undergrounding & Worst Served Customers Improvements Load Related Reopener High Volume Low Cost Connections High Value Projects Enhanced Physical Site Security	Chapter 15 Chapter 15 Chapter 15 Chapter 15 Chapter 15 Chapter 15 Chapter 15	Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices			-4.4 0.0 0.0 0.2 0.0 -0.1 0.0 0.0							
TMA UWS LRR HVC HVP EPS	Bad Debts Traffic Management Act Undergrounding & Worst Served Customers Improvements Load Related Reopener High Volume Low Cost Connections High Value Projects	Chapter 15 Chapter 15 Chapter 15 Chapter 15 Chapter 15 Chapter 15	Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices			-4.4 0.0 0.0 0.2 0.0 -0.1 0.0							
TMA UWS LRR HVC HVP EPS RLM	Bad Debts Traffic Management Act Undergrounding & Worst Served Customers Improvements Load Related Reopener High Volume Low Cost Connections High Value Projects Enhanced Physical Site Security	Chapter 15 Chapter 15 Chapter 15 Chapter 15 Chapter 15 Chapter 15 Chapter 15	Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices			-4.4 0.0 0.0 0.2 0.0 -0.1 0.0 0.0							
TMA UWS LRR HVC HVP EPS RLM SHET	Bad Debts Traffic Management Act Undergrounding & Worst Served Customers Improvements Load Related Reopener High Volume Low Cost Connections High Value Projects Enhanced Physical Site Security Rising & Lateral Mains	Chapter 15 Chapter 15 Chapter 15 Chapter 15 Chapter 15 Chapter 15 Chapter 15 Chapter 15	Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13 Prices fm 12/13			-4.4 0.0 0.0 0.2 0.0 -0.1 0.0 0.0 0.0							
TMA UWS LRR HVC HVP EPS RLM SHET FLD	Bad Debts Traffic Management Act Undergrounding & Worst Served Customers Improvements Load Related Reopener High Volume Low Cost Connections High Value Projects Enhanced Physical Site Security Rising & Lateral Mains Shetland Flood Prevention (SSEH Only) Incremental Legacy Adjustments used to calcula	Chapter 15 Chapter 15	Prices fm 12/13 Prices fm 12/13 Prices			-4.4 0.0 0.0 0.2 0.0 -0.1 0.0 0.0 0.0 0.0							
TMA UWS LRR HVC HVP EPS RLM SHET FLD	Bad Debts Traffic Management Act Undergrounding & Worst Served Customers Improvements Load Related Reopener High Volume Low Cost Connections High Value Projects Enhanced Physical Site Security Rising & Lateral Mains Shetland Flood Prevention (SSEH Only) Incremental Legacy Adjustments used to calcula RAV Additions	Chapter 15 Chapter 15 Chapter 15 Chapter 15 Chapter 15 Chapter 15 Chapter 15 Chapter 15 Chapter 15 Chapter 15 te OLRAV Chapter 15	Prices £m 12/13 Prices £m 12/13	-0.3	-37.6	-4.4 0.0 0.0 0.2 0.0 -0.1 0.0 0.0 0.0 0.0							
TMA UWS LRR HVC HVP EPS RLM SHET FLD RAV	Bad Debts Traffic Management Act Undergrounding & Worst Served Customers Improvements Load Related Reopener High Volume Low Cost Connections High Value Projects Enhanced Physical Site Security Rising & Lateral Mains Shetland Flood Prevention (SSEH Only) Incremental Legacy Adjustments used to calcula RAV Additions Incremental Legacy Adjustments used to calcula	Chapter 15 Chapter 15	Prices £m 12/13 Prices	-0.3	-37.6	-4.4 0.0 0.2 0.0 -0.1 0.0 0.0 0.0 0.0 0.0							
TMA UWS LRR HVC HVP EPS RLM SHET FLD RAV RRI	Bad Debts Traffic Management Act Undergrounding & Worst Served Customers Improvements Load Related Reopener High Volume Low Cost Connections High Value Projects Enhanced Physical Site Security Rising & Lateral Mains Shetland Flood Prevention (SSEH Only) Incremental Legacy Adjustments used to calcula RAV Additions Incremental Legacy Adjustments used to calcula RRI Revenue Adjustment	Chapter 15 Chapter 15 ate RIREV Chapter 16	Prices £m 12/13 Prices	-0.3	-37.6	-4.4 0.0 0.0 0.2 0.0 -0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0							
TMA UWS LRR HVC HVP EPS RLM SHET FLD RAV RRI	Bad Debts Traffic Management Act Undergrounding & Worst Served Customers Improvements Load Related Reopener High Volume Low Cost Connections High Value Projects Enhanced Physical Site Security Rising & Lateral Mains Shetland Flood Prevention (SSEH Only) Incremental Legacy Adjustments used to calcula RAV Additions Incremental Legacy Adjustments used to calcula	Chapter 15 Chapter 15	Prices £m 12/13 Prices	-0.3	-37.6	-4.4 0.0 0.2 0.0 -0.1 0.0 0.0 0.0 0.0 0.0							

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

	Regulatory Year Ending												
Variable Name	Special Condition		Term	31 March	31 March	31 March	31 March						
		Price Base / Units	Term	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Allowed percentage cost of corporate debt	CRC 3C	Annual Real %	CDE			2.55%	2.42%	2.29%	2.09%	I. 94 %	I.94%	I.94%	I.94%
Actual load-related capex expenditure	CRC 3B	£m 12/13 prices	ALC			15.2	15.2	35.3	-	-	-	-	-
Actual non-load related capex expenditure - asset replacement	CRC 3B	£m 12/13 prices	ANLR			74.8	82.0	89.3	-	-	-	-	-
Actual non-load related capex - other	CRC 3B	£m 12/13 prices	ANLO			16.3	15.0	15.4	-	-	-	-	-
Actual faults expenditure	CRC 3B	£m 12/13 prices	AFE			28.9	34.5	40.8	-	-	-	-	-
Actual tree cutting	CRC 3B	£m 12/13 prices	TRE			16.7	18.1	9.2	-	-	-	-	-
Actual 100% 'revenue pool' expenditure	CRC 3B	£m 12/13 prices	ARP			10.5	12.3	11.6	-	-	-	-	-
Actual controllable opex expenditure	CRC 3B	£m 12/13 prices	ACO			102.4	107.4	118.4	-	-	-	-	-
Allowed Expenditure - Enhanced Physical Site Security	CRC 3F	£m 12/13 prices	UCEPS			-	-	-	-	-	-	-	-
Allowed Expenditure - High Value Projects	CRC 3F	£m 12/13 prices	UCHVP			4.4	4.4	8.8	8.8	-	-	-	-
Allowed Expenditure - Visual Amenity Projects (TIM neutral)	CRC 3J	£m 12/13 prices	VAA			0.2	0.4	0.2	-	-	-	-	-
Allowed Expenditure - Worst Served Customer Project (TIM neutral)	CRC 3H	£m 12/13 prices	WSCC			0.5	-	0.3	-	-	-	-	-
Allowed Expenditure - Smart Meter Roll-out costs	CRC 3E	£m 12/13 prices	SMAE			0.7	1.4	1.9	3.8	3.6	2.5	-	-
Allowed Expenditure - Specified Street Works	CRC 3F	£m 12/13 prices	UCSSW			-	-	-	-	-	-	-	-
Allowed Expenditure - Load Related	CRC 3G	£m 12/13 prices	LRRC			25.8	32.8	26.2	30.0	18.3	27.5	38.7	33.8
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			-	-	-	-	-	-	-	-
Pension Scheme Established Deficit revenue adjustment	CRC 3C	£m 12/13 prices	EDE			32.2	32.2	32.2	25.4	25.4	16.1	16.1	16.1
Other legacy adjustments' price control allowed revenue adjustment	CRC 3A	£m 12/13 prices	OLREV			(6.7)							
Other legacy adjustments' price control RAV additions adjustment	CRC 3A	£m 12/13 prices	OLRAV	(0.3)	(37.6)								
RAV Rolling Incentive legacy adjustments' price control allowed revenue adjustment	CRC 3A	£m 12/13 prices	RIREV			14.8							
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			-	-	-	(0.0)	(0.0)	-	-	-
Legacy general tax pool adjustment	CRC 3A	£m Nominal	LTPG	0.7	11.8								
Legacy special tax pool adjustment	CRC 3A	£m Nominal	LTPS	0.7	14.3								
Deferred Revenue Expenditure pre-RIIO movement adjustment	CRC 3A	£m Nominal	LTPD	(4.6)	(44.4)								
DRE: Gross capex adjustment	CRC 3A	£m Nominal	LTPC	(5.1)	(48.1)								