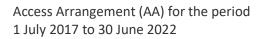
Attachment 4

Pro Forma Regulatory Statements

Amended proposed access arrangement

16 November 2018





1

Western Power Pro Forma Forecast Statements

Index

- 1. Historic capital expenditure by asset class
- 2. Historic capital expenditure by reason
- 3. Forecast capital expenditure by asset class
- 4. Forecast capital expenditure by reason
- 5. Historic non-capital costs by activity category
- 6. Forecast non-capital costs by activity category

NOTE: This excel workbook corresponds to Appendix B of the following publication: "Economic Regulation Authority, Electricity Networks Access Code 2004: Guidelines for Access Arrangement Information"

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AMENDMENT RECORD

Version	Date	Pages	Excel workbook
1	26 June 2008	38	7 worksheets
2 (this version)	06 December 2010	49	7 worksheets

Year ending 30 June	11/12	12/13	13/14	14/15	15/16	16/17
June CPI	100.4	102.8	105.9	107.5	108.6	110.7
Index	1.000	1.024	1.055	1.071	1.082	1.103

1. Historic capital expenditure by asset class

Expenditure for period 2012

2012/13 to 2016/17

	\$million nominal				\$million real at 30 June 2017					7		
Description	Year 1	Year 2	-			Total	Year 1	Year 2				
Covered transmission services	477	20.0	0.0	2.0		66 0	10.4	24.2	10.2	4.0		CO 1
Transmission cables	17.7		9.9	3.9			19.1				-	
Transmission steel towers	12.8		5.5	2.7	3.2		13.8		5.7	2.8		
Transmission wood poles Transmission Metering	26.9 0.0		29.4 0.0	23.5 0.0			29.0 0.0					
Transmission transformers	64.1		43.7	34.6			69.0		45.0			
Transmission reactors	6.7		43.7	4.1			7.2					
Transmission reactors	4.6		2.2	1.0			5.0					
Transmission circuit breakers	27.3	-	17.5	17.1			29.4					
SCADA and Communications	5.7	-	12.7	16.5			6.1					
IT	9.4			5.2			10.2		-			
Other Non-Network Assets	10.9	-	5.1	7.0			10.2					
Land & Easements	39.3		19.1	8.5		141.2	42.3		19.7	8.6		
Total	225.5		161.0	124.0		955.5	242.8		165.7	126.4		
Excluded transmission services												
N/A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Covered distribution services												
Wooden Pole Lines	325.1	391.9	332.8	247.5	132.7	1,430.0	350.0	409.7	342.7	252.3	132.7	1,487.5
Underground Cables	111.4		113.4	108.1	96.2	527.2	120.0		116.7	110.2		-
Transformers	189.8		229.1	212.1		987.8	204.4					
Switchgear	87.6		99.8	85.2			94.4			86.8		
Street lighting	6.2		7.5	7.5			6.6		7.8			
Meters and Services	11.8		15.8	26.5			12.7	-				
IT	18.7		20.5	12.4			20.2					
SCADA & Communications	3.3		20.5	3.7			3.6					
Other Distribution Non-Network	19.9		10.4	15.7			21.4					
Distribution Land & Easements	0.0		0.0	0.0			0.0			0.0		
Total	773.9		832.1	718.7	540.2		833.4		856.9	732.6		
Excluded distribution services												
N/A	0.0						0.0					
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
System Management services (i)												
Total			Ν	I/A					Ν	J/A		
Total				-						-		
-												
Other non covered businesses and services (i)				. / ^						1/0		
Total			N	I/A					1	I/A		
Total												

Notes

2. Historic capital expenditure by reason

Expenditure for period	2012/1	3 to 2016	/17									
	\$million nominal						\$millio	n real a	at 30 Ju	ne 2017	7	
Description	Year 1	Year 2	Year 3	Year 4	Year 5	Total	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Covered transmission services												
Growth												
Capacity Expansion	113.8		87.8	27.3	31.3		122.5	215.6	90.5	27.8	31.3	487.6
Customer Driven	37.6		-17.4	5.1	6.5		40.5	42.1	-17.9	5.2	6.5	76.4
Gifted Assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Asset replacement and renewal Asset Replacement	26.0	42.6	37.8	40.7	33.4	180.5	28.0	44.5	38.9	41.5	33.4	186.3
Improvement in service	20.0	42.0	57.0	40.7	55.4	100.5	28.0	44.5	50.5	41.5	55.4	100.5
Reliability Driven	1.2	0.3	0.2	0.0	0.0	1.7	1.3	0.3	0.2	0.0	0.0	1.8
SCADA & Communications	5.7		12.7	16.5	11.5		6.1	11.0	13.1	16.8	11.5	58.4
Compliance												
Regulatory Compliance	20.8	18.8	25.4	22.3	21.0	108.3	22.4	19.6	26.2	22.7	21.0	111.9
Corporate												
IT	9.4	-	9.3	5.2	12.3		10.2	6.7	9.5	5.3	12.3	44.0
Business Support	10.9	1.8	5.1	7.0	2.3		11.8	1.9	5.3	7.2	2.3	28.4
Total	225.5	326.9	161.0	124.0	118.2	955.5	242.8	341.7	165.7	126.4	118.2	994.9
Excluded transmission services												
Growth	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Asset replacement and renewal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Improvement in service	0.0		0.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0
Compliance	0.0		0.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0
Corporate	0.0		0.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Covered distribution services Growth												
Growth Capacity Expansion	48.5	39.3	26.2	25.4	35.5	174.9	52.2	41.1	26.9	25.9	35.5	181.7
Customer Driven	188.5		149.3	140.5	131.2	-	203.0	186.9	153.7	143.2		818.0
Gifted Assets	57.6		147.9	123.8	82.3		62.0	61.8	152.3	126.2	82.3	484.6
Asset replacement and renewal												
Asset Replacement	48.8	45.2	94.5	136.8	114.9	440.2	52.5	47.3	97.3	139.4	114.9	451.5
State Undergrounding Power Program (SL	29.7	19.0	15.3	10.8	10.4	85.1	32.0	19.8	15.7	11.0	10.4	88.9
Metering	11.3		16.7	26.5	24.5		12.2	12.0	17.2	27.0		92.9
Smartgrid	0.8		-1.3	0.0	0.0		0.8	0.6	-1.4	0.0		0.0
Wood Pole Management	216.9	282.5	234.2	186.4	81.7	1,001.7	233.5	295.3	241.2	190.1	81.7	1,041.8
Improvement in service	4 7	0.4				C A	1.0					
Reliability Driven SCADA & Communications	1.7 3.1		0.2 3.1	0.8 3.7	3.7 5.1		1.8 3.3	0.1 2.6	0.2 3.2			6.6
Compliance	5.1	2.5	5.1	5.7	5.1	17.5	5.5	2.0	5.2	5.0	5.1	18.0
Regulatory Compliance	128.6	145.4	115.2	36.0	14.8	439.9	138.4	152.0	118.7	36.7	14.8	460.5
Corporate	120.0	240.4	110.2	55.0	17.0	+55.5	100.4	192.0	110.7	50.7	1.0	100.5
IT	18.7	13.0	20.5	12.4	30.9	95.6	20.2	13.6	21.1	12.6	30.9	98.5
Business Support	19.9	2.5	10.4	15.7	5.2	53.8	21.4	2.6	10.7	16.0	5.2	56.0
Total	773.9	799.6	832.1	718.7	540.2	3,664.5	833.4	835.8	856.9	732.6	540.2	3,798.9
Excluded distribution services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Growth	0.0		0.0	0.0	0.0		0.0	0.0	0.0			0.0
Asset replacement and renewal	0.0		0.0	0.0	0.0		0.0	0.0	0.0			0.0
Improvement in service	0.0		0.0	0.0	0.0		0.0	0.0	0.0			0.0
Compliance	0.0		0.0	0.0	0.0		0.0	0.0	0.0			0.0
Corporate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total												
System Management services (i)												
Total			N	/A					N	I/A		
Total			IN .	//`								
Other non covered businesses and services (i)											
Total			N	/A					Ν	I/A		
Total												

Notes

3. Forecast capital expenditure by asset class

Smillion real at 30 June 2017 Description Year 1 Year 2 Year 3 Year 4 Year 5 Total Covered transmission services 5.2 4.8 2.2 2.4 2.0 16.6 Transmission steel towers 4.3 4.0 2.4 2.5 2.3 15.4 Transmission modeles 2.8.0 4.0.6 37.9 31.8 32.2 170.5 Transmission copoctors 3.4 5.3 4.0 2.4 2.5 2.3 15.4 Transmission copoctors 3.4.1 5.0.4 4.0.4 3.6.8 41.3 203.0 0.0 <t< th=""><th>Expenditure for period</th><th>2017/18 - 2021</th><th>/22</th><th></th><th></th><th></th><th></th></t<>	Expenditure for period	2017/18 - 2021	/22										
Description Year 1 Year 2 Year 3 Year 4 Year 5 Total Covered transmission services Transmission services 5.2 4.8 2.2 2.4 2.0 16.6 Transmission source towers 4.3 4.0 2.4 2.5 2.3 15.4 Transmission meter towers 28.0 40.6 37.9 31.8 32.2 170.5 Transmission transformers 34.1 50.4 40.4 36.8 41.3 203.0 Transmission capacitors 1.5 1.4 0.7 0.8 0.7 5.0 Transmission capacitors 1.5 1.4 0.7 0.8 0.7 5.0 Transmission capacitors 1.5 1.7 2.6 9.57.8 1.12 1.2 9.2 1.5 1.7 ScADA and Communications 9.2 15.5 17.9 16.5 1.7.3 1.9 8.1 7.0 70.0 Total 15.6 17.3 2.19 8.1 7.0 70.0 <th></th> <th colspan="12">\$million real at 30 June 2017</th>		\$million real at 30 June 2017											
Transmission cables 5.2 4.8 2.2 2.4 2.0 16.6 Transmission wood poles 2.8 4.0 2.4 2.5 2.3 15.4 Transmission Metering 0.0 0.	Description	Year 1 Y	· · · · ·				Total						
Transmission steri towers 4.3 4.0 2.4 2.5 2.3 15.4 Transmission wood poles 28.0 40.6 37.9 31.8 32.2 170.5 Transmission tetering 0.0	Covered transmission services												
Transmission wood poles 28.0 40.6 37.9 31.8 32.2 170.5 Transmission transformers 34.1 50.4 40.4 36.8 41.3 203.0 Transmission capacitors 1.5 1.4 0.7 0.8 0.7 0.8 0.7 Transmission capacitors 1.5 1.4 0.7 0.8 0.7 5.0 Transmission capacitors 1.5 1.4 0.7 0.8 0.7 5.0 Transmission capacitors 1.5 1.7.9 16.5 12.7 7.17 Tr 14.1 15.1 12.7 9.2 6.9 57.8 Other Non-Network Assets 4.9 8.8 23.5 2.2 1.8 4.12 Land & Easements 1.5.6 1.7.3 21.9 8.1 7.0 70.0 Total 137.2 189.4 185.6 134.0 133.9 780.0 Excluded transmission services 0.0 0.0 0.0 0.0 0.0 0.0 N/A 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Covered distribution services 127.6 195.6 158.8 192.2 32.1 163.4 Wooden	Transmission cables	5.2	4.8	2.2	2.4	2.0	16.6						
Transmission Metering 0.0 0.0 0.0 0.0 0.0 0.0 Transmission transformers 3.3 5.3 4.0 3.5 4.0 20.0 Transmission reactors 1.5 1.4 0.7 0.8 0.7 5.0 Transmission circuit breakers 1.7.1 2.63 2.22 2.2 2.9 108.7 SCADA and Communications 9.2 15.5 1.7.9 16.5 12.7 71.7 IT 1.5.6 17.3 2.1.9 8.1 7.0 70.0 Total 137.2 189.4 185.6 134.0 133.9 780.0 Excluded transmission services N/A 0.0	Transmission steel towers	4.3	4.0	2.4	2.5	2.3	15.4						
Transmission transformers 34.1 50.4 40.4 36.8 41.3 203.0 Transmission reactors 3.3 5.3 4.0 3.5 4.0 20.1 Transmission capacitors 1.5 1.4 0.7 0.8 0.7 5.0 Transmission circuit breakers 17.1 26.3 22.2 20.2 22.9 108.7 SCADA and Communications 9.2 15.5 17.7 16.5 12.7 71.7 T 14.1 15.1 12.7 9.2 6.9 57.8 Other Non-Network Assets 4.9 8 23.5 2.2 1.8 41.2 Land & Easements 15.6 17.3 21.9 8.1 7.0 70.0 Total 0.0	Transmission wood poles	28.0	40.6	37.9	31.8	32.2	170.5						
Transmission reactors 3.3 5.3 4.0 3.5 4.0 20.1 Transmission circuit breakers 1.5 1.4 0.7 0.8 0.7 5.0 SCADA and Communications 9.2 1.5.5 1.7.9 1.6.5 1.2.7 7.1.7 SCADA and Communications 9.2 1.5.5 1.7.9 1.6.5 1.2.7 7.1.7 Transmission circuit breakers 4.9 8.8 23.5 2.2 1.8 4.1.2 Land & Easements 1.5.6 17.3 21.9 8.1 7.0 70.0 Total 1.5.6 17.3 21.9 8.1 7.0 70.0 Covered distribution services	Transmission Metering	0.0	0.0	0.0	0.0	0.0	0.0						
Transmission capacitors 1.5 1.4 0.7 0.8 0.7 5.0 Transmission circuit breakers 17.1 26.3 22.2 20.2 22.9 108.7 SCADA and Communications 9.2 15.5 17.9 16.5 12.7 71.7 IT 14.1 15.1 12.7 9.2 6.9 57.8 Other Non-Network Assets 15.6 17.3 21.9 8.1 7.0 700 Total 137.2 189.4 185.6 134.0 133.9 780.0 Excluded transmission services 0.0 <td>Transmission transformers</td> <td>34.1</td> <td>50.4</td> <td>40.4</td> <td>36.8</td> <td>41.3</td> <td>203.0</td>	Transmission transformers	34.1	50.4	40.4	36.8	41.3	203.0						
Transmission circuit breakers 17.1 26.3 22.2 20.2 22.9 108.7 SCADA and Communications 9.2 15.5 17.9 16.5 12.7 71.7 Tr 14.1 15.1 12.7 9.2 15.6 12.7 71.7 Other Non-Network Assets 4.9 8.8 23.5 2.2 1.8 41.2 Land & Easements 15.6 17.3 21.9 8.1 7.0 70.0 Total 137.2 189.4 185.6 134.0 133.9 780.0 Covered distribution services N/A 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Covered distribution services 227.6 195.6 180.3 172.4 163.4 939.3 Underground Cables 108.6 119.0 100.5 83.8 93.2 505.0 Transformers 155.8 169.0 161.9 159.6 167.8 814.1 Switchgeer 62.7 70.2 66.7 64.4 68.4 32.3 Itre lighting <	Transmission reactors	3.3	5.3	4.0	3.5	4.0	20.1						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Transmission capacitors	1.5	1.4	0.7	0.8	0.7	5.0						
IT 14.1 15.1 12.7 9.2 6.9 57.8 Other Non-Network Assets 4.9 8.8 23.5 2.2 1.8 41.2 Land & Easements 15.6 17.3 21.9 8.1 70.0 70.0 Total 137.2 189.4 185.6 134.0 133.9 780.0 Excluded transmission services 0.0 0.0 0.0 0.0 0.0 0.0 0.0 V/A 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Covered distribution services 227.6 195.6 180.3 172.4 163.4 939.3 Underground Cables 108.6 119.0 100.5 83.8 93.2 505.0 Transformers 155.8 169.0 161.9 159.6 167.8 814.1 Switchgear 5.5 6.2 5.9 5.4 6.0 28.9 Meters and Services 77.0.2 66.7 64.4 68.4 332.3 IT S3.3 3.7 4.5 4.2	Transmission circuit breakers	17.1	26.3	22.2	20.2	22.9	108.7						
Other Non-Network Assets 4.9 8.8 23.5 2.2 1.8 41.2 Land & Easements 137.2 189.4 185.6 134.0 133.9 780.0 Excluded transmission services N/A 0.0 0.0 <td< td=""><td>SCADA and Communications</td><td>9.2</td><td>15.5</td><td>17.9</td><td>16.5</td><td>12.7</td><td>71.7</td></td<>	SCADA and Communications	9.2	15.5	17.9	16.5	12.7	71.7						
Land & Easements 15.6 17.3 21.9 8.1 7.0 70.0 Total 137.2 189.4 185.6 134.0 133.9 780.0 Excluded transmission services N/A 0.0	IT	14.1	15.1	12.7	9.2	6.9	57.8						
Total 137.2 189.4 185.6 134.0 133.9 780.0 Excluded transmission services N/A O 0.0													

Notes

(i) System Management services and Other non covered businesses and services are not reported as these are not part of Western Power's AA4 submission

4. Forecast capital expenditure by reason

Expenditure for period	2017/18 - 2021/22								
Description			\$million real at 30 June 2017 Year 3 Year 4 Year 5 Total						
Description	Year 1 Yea	arz tea	ars rea	ar 4 tea	ar 5 Tu	lai			
Covered transmission services									
Growth	25.6	22.6	2.7	3.4	0.4	54.6			
Capacity Expansion Customer Driven	23.0	22.8	2.7	3.4 23.7	23.7	54.6 116.1			
Gifted Assets	0.0	0.0	0.0	0.0	0.0	0.0			
Asset replacement and renewal	0.0	0.0	0.0	0.0	0.0	0.0			
Asset Replacement	30.2	59.3	52.8	45.8	55.0	243.0			
Improvement in service									
Reliability Driven	0.0	0.0	0.0	0.0	0.0	0.0			
SCADA & Communications	9.2	15.5	17.9	16.5	12.7	71.7			
Compliance									
Regulatory Compliance	26.9	39.6	37.7	31.7	32.1	168.1			
Corporate	0.0	0.0	0.0	0.0	0.0	0.0			
IT	14.1	15.1	12.7	9.2	6.9	57.8			
Business Support	8.1	14.7	39.2	3.7	3.1	68.7			
Total	137.2	189.4	185.6	134.0	133.9	780.0			
Excluded transmission services									
Growth	0.0	0.0	0.0	0.0	0.0	0.0			
Asset replacement and renewal	0.0	0.0	0.0	0.0	0.0	0.0			
Improvement in service	0.0	0.0	0.0	0.0	0.0	0.0			
Compliance	0.0	0.0	0.0	0.0	0.0	0.0			
Corporate	0.0	0.0	0.0	0.0	0.0	0.0			
Total	0.0	0.0	0.0	0.0	0.0	0.0			
Covered distribution services									
Growth									
Capacity Expansion	44.2	41.8	34.1	25.8	28.3	174.2			
Customer Driven	122.1	131.7	120.5	125.4	125.5	625.3			
Gifted Assets	80.3	80.5	80.8	81.0	81.3	403.9			
Asset replacement and renewal	72.4	76 5	02.4	00.0	100.0	424.4			
Asset Replacement	73.4	76.5	83.1	90.2	100.9	424.1			
State Undergrounding Power Program (SUPP) Metering	39.8 20.8	51.1 27.1	33.6 31.7	8.6 32.2	18.7 32.1	151.7 143.9			
Smartgrid	0.0	0.0	0.0	0.0	0.0	0.0			
Wood Pole Management	168.0	128.7	120.5	119.2	108.8	645.3			
Improvement in service	100.0	120.7	120.5	119.2	100.0	045.5			
Reliability Driven	4.4	6.0	0.0	0.0	0.0	10.4			
SCADA & Communications	3.3	3.7	4.5	4.2	3.9	19.7			
Compliance									
Regulatory Compliance	28.0	43.5	42.6	35.2	35.3	184.7			
Corporate									
IT	35.3	37.8	31.8	23.0	17.2	145.1			
Business Support	18.9	34.0	90.7	8.5	7.1	159.2			
Total	638.6	662.4	673.9	553.5	559.2	3,087.6			
Excluded distribution services									
Growth	0.0	0.0	0.0	0.0	0.0	0.0			
Asset replacement and renewal	0.0	0.0	0.0	0.0	0.0	0.0			
Improvement in service	0.0	0.0	0.0	0.0	0.0	0.0			
Compliance	0.0	0.0	0.0	0.0	0.0	0.0			
Corporate	0.0	0.0	0.0	0.0	0.0	0.0			
Total	0.0	0.0	0.0	0.0	0.0	0.0			
System Management services (i)									
Total			N/A			<u> </u>			
Total									
Other non covered businesses and services (i)									
Total			N/A						
Total									

Notes

5. Historic non-capital costs by business category and act

Expenditure for period	2012/1	3 to 2016	5/17									
	\$million nominal				\$million real at 30 J				June 2017			
Description	Year 1	Year 2				Total				Year 4		
Covered transmission services												
Operations												
SCADA & Communications	11.6	10.6	11.8	12.6	10.9	57.5	12.5	11.1	12.1		10.9	59.4
Non-revenue cap services	12.6	4.6	3.4	5.4	4.0	30.0	13.6	4.8	3.5	5.5	4.0	31.3
Network Operations	6.7	8.0	5.7	5.8	4.7	30.9	7.2	8.4	5.9	5.9	4.7	32.0
Maintenance												
Preventive Condition	9.8	9.3	7.5	11.3	13.6	51.5	10.5	9.7	7.8		13.6	53.1
Preventive Routine	22.1	20.9	23.5	22.9	20.5	109.9	23.8	21.9	24.2		20.5	113.7
Corrective Deferred	10.2	8.8	9.0	10.3	9.4	47.8	11.0	9.2	9.2		9.4	49.4
Corrective Emergency	2.1	2.1	2.4	3.1	2.2	11.8	2.3	2.2	2.4	3.1	2.2	12.2
Corporate	22.0	40.2	24.0	42.6	44.2	100 7	25.4	42.0	22.7	40 F	44.2	101.0
Business Support	32.8	40.2	31.8	42.6	41.3	188.7	35.4	42.0	32.7	43.5	41.3	194.8
Other	10.7	12 5	22.4	10.1	1.0	Г ()	11 F	12.1	22.0	10.2	1.0	FC 7
Non-recurring opex Total	<u>10.7</u> 118.7	12.5 117.0	22.1 117.0	10.1 124.1	-1.0 105.6	54.4 582.5	11.5 127.8	13.1 122.3	22.8 120.5		-1.0 105.6	56.7 602.8
Iotal	118.7	117.0	117.0	124.1	105.6	582.5	127.8	122.5	120.5	120.5	105.6	002.8
Excluded transmission services												
Operations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maintenance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
Customer service and billing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
Corporate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Covered distribution services												
Operations												
Reliability	1.7	1.4	1.8	2.0	1.5	8.3	1.9	1.5	1.8		1.5	8.6
SCADA & Communications	4.6	4.7	5.4	5.6	5.5	25.9	5.0	4.9	5.6		5.5	26.7
Non-revenue cap services	19.0	12.2	12.8	12.0	13.2	69.1	20.5	12.7	13.1		13.2	71.7
Network Operations	17.6	15.0	16.4	16.0	14.8	79.9	19.0	15.6	16.9		14.8	82.7
Smartgrid Maintenance	3.7	2.2	0.0	0.0	0.0	5.9	4.0	2.3	0.0	0.0	0.0	6.3
Preventive Condition	59.1	47.4	47.2	40.5	25.3	219.5	63.7	49.6	48.6	41.3	25.3	228.4
Preventive Condition Preventive Routine	43.3	47.4	50.2	40.5 52.4	25.5 54.7	248.9	46.6	49.0 50.5	48.0 51.7		25.5 54.7	228.4 256.9
Corrective Deferred	27.9	26.4	26.3	24.4	16.7	121.5	30.0	27.5	27.1		16.7	126.1
Corrective Emergency	81.2	84.3	81.1	79.2	68.7	394.5	87.5	88.1	83.5		68.7	408.5
Customer service and billing	01.2	04.5	01.1	75.2	00.7	004.0	07.0	00.1	00.0	00.7	00.7	400.5
Call Centre	7.2	5.3	4.3	3.7	3.9	24.4	7.7	5.6	4.4	3.8	3.9	25.3
Metering	25.1	23.9	21.1	16.7	14.8	101.6	27.0	25.0	21.7		14.8	105.6
Guaranteed service level payments	-0.9	1.2	0.6	0.7	1.0	2.7	-1.0	1.3	0.6		1.0	2.7
Distribution Quotations	7.8	6.3	4.2	5.5	6.7	30.5	8.4	6.6	4.4	5.6	6.7	31.6
Corporate												
Business Support	60.4	79.4	66.9	109.4	113.0	429.1	65.1	83.0	68.9	111.5	113.0	441.5
Other												
Non-recurring opex	16.5	13.4	12.7	10.0	11.4	64.0	17.8	14.0	13.0		11.4	66.4
Total	374.3	371.4	351.0	378.0	351.1	1,825.8	403.1	388.2	361.4	385.3	351.1	1,889.2
Products of the Alexandron states												
Excluded distribution services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operations Advintor space	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
Maintenance Customar sarvise and hilling	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0		0.0 0.0	0.0 0.0
Customer service and billing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
Corporate Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
System Management services (i) Total			N I	/A						I/A		
Total			IN	/ A					N	N/A		
Other non covered businesses and services (i)												
Total			N	/A					Ν	I/A		
Total												

Notes

6. Forecast non-capital costs by business category and activity

Expenditure for period	2017/18 - 2021/22									
	\$million real at 30 June 2017									
Description	Year 1	Year 2	Year		Year 5	Total				
Covered transmission services										
Operations										
SCADA & Communications	10	.1	9.9	9.8	10.2	10.1	50.1			
Non-revenue cap services (i)				N/A						
Network Operations	4	.5	4.5	4.5	4.5	4.4	22.3			
Maintenance		-								
Preventive Condition	12		12.6	12.5	13.0	12.9	63.8			
Preventive Routine	19		18.9	18.9	19.6	19.4	96.2			
Corrective Deferred		.8	8.6	8.6	8.9 2.1	8.8	43.8			
Corrective Emergency Corporate	2	0	2.0	2.0	2.1	2.0	10.1			
Business Support	23	1	23.1	22.9	22.1	20.8	112.4			
Other	25	.4	23.1	22.5	22.1	20.8	112.4			
Non-recurring opex	6	.1	5.9	5.9	6.1	6.1	30.1			
Total	87		85.5	85.2	86.5	84.6	428.8			
Excluded transmission services										
Operations	n	0.0	0.0	0.0	0.0	0.0	0.0			
Maintenance		0.0	0.0	0.0	0.0	0.0	0.0			
Customer service and billing		0.0	0.0	0.0	0.0	0.0	0.0			
Corporate		0.0	0.0	0.0	0.0	0.0	0.0			
Other		0.0	0.0	0.0	0.0	0.0	0.0			
Total		0.0	0.0	0.0	0.0	0.0	0.0			
Covered distribution services										
Operations										
Reliability	1	4	1.4	1.4	1.4	1.4	6.9			
SCADA & Communications	5	.2	5.2	5.2	5.4	5.4	26.3			
Non-revenue cap services (i)	C	.0	0.0	0.0	0.0	0.0	0.0			
Network Operations	14		14.5	14.6	14.6	14.6	72.7			
Smartgrid	C	.0	0.0	0.0	0.0	0.0	0.0			
Maintenance										
Preventive Condition	24		23.9	24.0	25.0	25.0	122.1			
Preventive Routine	51		50.7	50.7	52.9	52.8	258.4			
Corrective Deferred	15		15.5	15.5	16.2	16.2	79.1			
Corrective Emergency	60	.1	59.3	59.4	61.9	61.9	302.6			
Customer service and billing	-		2.0	2.0	2.0	2.0	10 5			
Call Centre		.9	3.9	3.9	3.9	3.9	19.5			
Metering Guaranteed service level payments	14		14.3	14.3 1.0	14.4 1.0	14.5	71.8 5.1			
Distribution Quotations		0 5.0	1.0 5.9	6.0	6.2	1.0 6.2	30.3			
Corporate		.0	5.9	0.0	0.2	0.2	50.5			
Business Support	64	0	63.2	62.8	60.6	57.0	307.7			
Other	-0	.0	00.2	02.0	00.0	57.0	507.7			
Non-recurring opex	12	.1	11.9	11.9	12.4	12.4	60.7			
Total	273		270.7	270.6			1,363.2			
Excluded distribution services										
Operations	C	0.0	0.0	0.0	0.0	0.0	0.0			
Maintenance		0.0	0.0	0.0	0.0	0.0	0.0			
Customer service and billing		.0	0.0	0.0	0.0	0.0	0.0			
Corporate	C	.0	0.0	0.0	0.0	0.0	0.0			
Other		0.0	0.0	0.0	0.0	0.0	0.0			
Total		0.0	0.0	0.0	0.0	0.0	0.0			
System Management services (ii)										
Total				N/A						
Total										
Other non covered businesses and services (ii)										
Total				N/A						
Total										

Notes

(i) Non-revenue cap services are not reported as these are excluded from Western Power's AA4 submission