

Attachment Proforma

AA4 Proforma Forecast Statements

Access Arrangement Information

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Attachment Proforma

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Western Power
Pro Forma Forecast Statements

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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 Jun	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

2012/13 to 2016/17

Description	\$million nominal						\$million real at 30 June 2017					
	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												
Transmission cables	17.7	29.9	9.9	3.9	4.6	66.0	19.1	31.2	10.2	4.0	4.6	69.1
Transmission steel towers	12.8	20.6	5.5	2.7	3.2	44.9	13.8	21.6	5.7	2.8	3.2	47.0
Transmission wood poles	26.9	28.1	29.4	23.5	22.4	130.4	29.0	29.4	30.3	23.9	22.4	135.0
Transmission Metering	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transmission transformers	64.1	103.6	43.7	34.6	31.9	277.8	69.0	108.3	45.0	35.2	31.9	289.4
Transmission reactors	6.7	11.8	6.5	4.1	3.8	32.9	7.2	12.4	6.7	4.2	3.8	34.3
Transmission capacitors	4.6	7.6	2.2	1.0	1.2	16.6	5.0	7.9	2.3	1.0	1.2	17.3
Transmission circuit breakers	27.3	42.0	17.5	17.1	15.3	119.2	29.4	43.9	18.0	17.4	15.3	124.0
SCADA and Communications	5.7	10.5	12.7	16.5	11.5	56.8	6.1	11.0	13.1	16.8	11.5	58.4
IT	9.4	6.4	9.3	5.2	12.3	42.6	10.2	6.7	9.5	5.3	12.3	44.0
Other Non-Network Assets	10.9	1.8	5.1	7.0	2.3	27.2	11.8	1.9	5.3	7.2	2.3	28.4
Land & Easements	39.3	64.5	19.1	8.5	9.9	141.2	42.3	67.4	19.7	8.6	9.9	147.9
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												
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	98.1	113.4	108.1	96.2	527.2	120.0	102.5	116.7	110.2	96.2	545.6
Transformers	189.8	185.5	229.1	212.1	171.3	987.8	204.4	193.9	236.0	216.2	171.3	1,021.8
Switchgear	87.6	88.0	99.8	85.2	68.2	428.9	94.4	92.0	102.8	86.8	68.2	444.2
Street lighting	6.2	6.0	7.5	7.5	6.1	33.3	6.6	6.2	7.8	7.7	6.1	34.4
Meters and Services	11.8	11.9	15.8	26.5	24.5	90.5	12.7	12.4	16.3	27.0	24.5	92.9
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
SCADA & Communications	3.3	2.7	2.7	3.7	5.1	17.5	3.6	2.8	2.8	3.8	5.1	18.0
Other Distribution Non-Network	19.9	2.5	10.4	15.7	5.2	53.8	21.4	2.6	10.7	16.0	5.2	56.0
Distribution Land & Easements	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	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												
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
System Management services (i)												
Total			N/A						N/A			
Other non covered businesses and services (i)												
Total			N/A						N/A			

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

2. Historic capital expenditure by reason

Expenditure for period	2012/13 to 2016/17											
Description	\$million nominal						\$million real at 30 June 2017					
	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	206.2	87.8	27.3	31.3	466.4	122.5	215.6	90.5	27.8	31.3	487.6
Customer Driven	37.6	40.3	-17.4	5.1	6.5	72.1	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												
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	10.5	12.7	16.5	11.5	56.8	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	6.4	9.3	5.2	12.3	42.6	10.2	6.7	9.5	5.3	12.3	44.0
Business Support	10.9	1.8	5.1	7.0	2.3	27.2	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												
Capacity Expansion	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 Driven	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	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												
Reliability Driven	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Compliance												
Regulatory Compliance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Corporate												
IT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Business Support	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												
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	178.8	149.3	140.5	131.2	788.2	203.0	186.9	153.7	143.2	131.2	818.0
Gifted Assets	57.6	59.1	147.9	123.8	82.3	470.7	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 (:	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	11.5	16.7	26.5	24.5	90.5	12.2	12.0	17.2	27.0	24.5	92.9
Smartgrid	0.8	0.5	-1.3	0.0	0.0	0.0	0.8	0.6	-1.4	0.0	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												
Reliability Driven	1.7	0.1	0.2	0.8	3.7	6.4	1.8	0.1	0.2	0.8	3.7	6.6
SCADA & Communications	3.1	2.5	3.1	3.7	5.1	17.5	3.3	2.6	3.2	3.8	5.1	18.0
Compliance												
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												
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												
Growth												
Capacity Expansion	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 Driven	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	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												
Reliability Driven	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Compliance												
Regulatory Compliance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Corporate												
IT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Business Support	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
System Management services (i)												
Total	N/A						N/A					
Total												
Other non covered businesses and services (i)												
Total	N/A						N/A					
Total												

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

3. Forecast capital expenditure by asset class

Expenditure for period

2017/18 - 2021/22

Description	\$million real at 30 June 2017					
	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Covered transmission services						
<i>Transmission cables</i>	5.8	5.9	7.7	11.2	9.9	40.5
<i>Transmission steel towers</i>	4.7	4.7	5.8	8.1	7.3	30.5
<i>Transmission wood poles</i>	40.8	41.8	42.6	36.4	36.1	197.6
<i>Transmission Metering</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Transmission transformers</i>	42.9	59.7	56.0	65.1	68.3	292.0
<i>Transmission reactors</i>	4.4	6.5	6.1	7.3	7.6	31.9
<i>Transmission capacitors</i>	1.6	1.6	2.1	2.9	2.6	10.8
<i>Transmission circuit breakers</i>	21.6	30.8	27.6	30.7	33.2	143.9
<i>SCADA and Communications</i>	14.0	23.6	27.0	24.7	19.2	108.4
<i>IT</i>	16.7	17.5	15.7	11.6	8.8	70.2
<i>Other Non-Network Assets</i>	12.3	17.7	50.1	6.2	10.9	97.2
<i>Land & Easements</i>	13.6	13.7	17.5	24.8	22.1	91.7
Total	178.4	223.4	258.2	229.0	225.8	1,114.8
Excluded transmission services						
<i>N/A</i>	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						
<i>Wooden Pole Lines</i>	225.4	195.2	177.8	171.7	164.9	934.8
<i>Underground Cables</i>	108.3	120.7	100.8	86.3	96.9	513.0
<i>Transformers</i>	155.5	169.1	160.7	158.0	167.0	810.3
<i>Switchgear</i>	62.7	71.1	66.8	64.5	69.0	334.2
<i>Street lighting</i>	5.5	6.2	5.8	5.4	6.0	28.8
<i>Meters and Services</i>	24.2	30.8	35.4	37.5	38.0	165.9
<i>IT</i>	41.9	44.0	39.4	29.0	22.0	176.3
<i>SCADA & Communications</i>	22.8	24.1	15.7	14.7	12.9	90.2
<i>Other Distribution Non-Network</i>	28.6	41.0	115.9	14.4	25.1	225.1
<i>Distribution Land & Easements</i>	0.0	0.0	0.0	0.0	0.0	0.0
Total	674.8	702.2	718.4	581.5	601.9	3,278.7
Excluded distribution services						
<i>N/A</i>	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)						
<i>Total</i>	N/A					
Total	N/A					
Other non covered businesses and services (i)						
<i>Total</i>	N/A					
Total	N/A					

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					
	\$million real at 30 June 2017					
Description	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Covered transmission services						
Growth						
Capacity Expansion	30.7	31.2	45.7	72.4	62.0	241.9
Customer Driven	22.8	22.6	22.3	23.0	23.1	113.9
Gifted Assets	0.0	0.0	0.0	0.0	0.0	0.0
Asset replacement and renewal						
Asset Replacement	42.5	70.5	56.9	57.9	68.5	296.2
Improvement in service						
Reliability Driven	0.0	0.0	0.0	0.0	0.0	0.0
SCADA & Communications	14.0	23.6	27.0	24.7	19.2	108.4
Compliance						
Regulatory Compliance	39.5	40.4	40.5	33.2	33.3	186.9
Corporate						
IT	16.7	17.5	15.7	11.6	8.8	70.2
Business Support	12.3	17.7	50.1	6.2	10.9	97.2
Total	178.4	223.4	258.2	229.0	225.8	1,114.8
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	43.8	41.5	33.5	32.5	37.7	189.0
Customer Driven	120.7	130.6	118.1	121.8	122.5	613.6
Gifted Assets	80.3	80.5	80.9	81.2	81.6	404.5
Asset replacement and renewal						
Asset Replacement	74.3	77.6	83.5	90.0	101.1	426.4
State Undergrounding Power Program (SUPP)	39.3	50.7	32.9	8.4	18.2	149.5
Metering	24.2	30.8	35.4	37.5	38.0	165.9
Smartgrid	0.0	0.0	0.0	0.0	0.0	0.0
Wood Pole Management	166.1	127.6	118.1	115.7	106.2	633.8
Improvement in service						
Reliability Driven	5.1	10.6	3.2	2.1	2.1	23.1
SCADA & Communications	22.8	24.1	15.7	14.7	12.9	90.2
Compliance						
Regulatory Compliance	27.7	43.2	41.7	34.2	34.4	181.3
Corporate						
IT	41.9	44.0	39.4	29.0	22.0	176.3
Business Support	28.6	41.0	115.9	14.4	25.1	225.1
Total	674.8	702.2	718.4	581.5	601.9	3,278.7
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					
Total	N/A					
Other non covered businesses and services (i)						
Total	N/A					
Total	N/A					

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

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

Expenditure for period

2012/13 to 2016/17

Description	\$million nominal						\$million real at 30 June 2017					
	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												
Operations												
SCADA & Communications	11.6	10.6	11.8	12.6	10.9	57.5	12.5	11.1	12.1	12.8	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	11.5	13.6	53.1
Preventive Routine	22.1	20.9	23.5	22.9	20.5	109.9	23.8	21.9	24.2	23.3	20.5	113.7
Corrective Deferred	10.2	8.8	9.0	10.3	9.4	47.8	11.0	9.2	9.2	10.5	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												
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												
Non-recurring opex	10.7	12.5	22.1	10.1	-1.0	54.4	11.5	13.1	22.8	10.3	-1.0	56.7
Total	118.7	117.0	117.0	124.1	105.6	582.5	127.8	122.3	120.5	126.5	105.6	602.8
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	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	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
Other	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												
Operations												
Reliability	1.7	1.4	1.8	2.0	1.5	8.3	1.9	1.5	1.8	2.0	1.5	8.6
SCADA & Communications	4.6	4.7	5.4	5.6	5.5	25.9	5.0	4.9	5.6	5.7	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	12.2	13.2	71.7
Network Operations	17.6	15.0	16.4	16.0	14.8	79.9	19.0	15.6	16.9	16.4	14.8	82.7
Smartgrid	3.7	2.2	0.0	0.0	0.0	5.9	4.0	2.3	0.0	0.0	0.0	6.3
Maintenance												
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 Routine	43.3	48.3	50.2	52.4	54.7	248.9	46.6	50.5	51.7	53.4	54.7	256.9
Corrective Deferred	27.9	26.4	26.3	24.4	16.7	121.5	30.0	27.5	27.1	24.8	16.7	126.1
Corrective Emergency	81.2	84.3	81.1	79.2	68.7	394.5	87.5	88.1	83.5	80.7	68.7	408.5
Customer service and billing												
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	17.0	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	0.8	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	10.2	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
Excluded distribution 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	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	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
Other	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
System Management services (i)												
Total	N/A						N/A					
Total												
Other non covered businesses and services (i)												
Total	N/A						N/A					
Total												

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

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 3	Year 4	Year 5	Total
Covered transmission services						
Operations						
SCADA & Communications	10.0	9.7	9.6	9.8	9.8	48.9
Non-revenue cap services (i)			N/A			
Network Operations	4.5	4.5	4.5	4.5	4.4	22.3
Maintenance						
Preventive Condition	12.7	12.4	12.2	12.5	12.5	62.3
Preventive Routine	19.1	18.7	18.4	18.9	18.8	93.9
Corrective Deferred	8.7	8.5	8.4	8.6	8.6	42.7
Corrective Emergency	2.0	2.0	1.9	2.0	2.0	9.9
Corporate						
Business Support	30.9	22.5	22.3	22.4	22.6	120.7
Other						
Non-recurring opex	6.0	5.9	5.8	5.9	5.9	29.4
Total	93.8	84.2	83.2	84.6	84.5	430.3
Excluded transmission services						
Operations	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	1.3	1.3	1.4	1.4	6.8
SCADA & Communications	5.2	5.1	5.1	5.3	5.3	25.9
Non-revenue cap services (i)	0.0	0.0	0.0	0.0	0.0	0.0
Network Operations	14.5	14.6	14.7	14.8	14.9	73.5
Smartgrid	0.0	0.0	0.0	0.0	0.0	0.0
Maintenance						
Preventive Condition	24.0	23.8	23.6	24.4	24.6	120.4
Preventive Routine	50.8	50.4	49.9	51.6	52.0	254.7
Corrective Deferred	15.6	15.4	15.3	15.8	15.9	78.0
Corrective Emergency	59.5	59.0	58.5	60.4	60.9	298.3
Customer service and billing						
Call Centre	3.9	3.9	3.9	4.0	4.0	19.7
Metering	14.3	14.3	14.4	14.5	14.6	72.2
Guaranteed service level payments	1.0	1.0	1.0	1.0	1.0	5.1
Distribution Quotations	6.0	5.9	5.9	6.1	6.1	29.9
Corporate						
Business Support	84.5	61.6	61.2	61.3	61.9	330.5
Other						
Non-recurring opex	11.9	11.8	11.7	12.1	12.2	59.8
Total	292.5	268.3	266.5	272.6	274.8	1,374.8
Excluded distribution services						
Operations	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
System Management services (ii)						
Total	N/A					
Total	N/A					
Other non covered businesses and services (ii)						
Total	N/A					
Total	N/A					

Notes

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

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