

Draft Decision on Proposed Revisions to the Access Arrangement for the Western Power Network

Appendix 4 Target Revenue Calculation
(Revenue Model)

2 May 2018

Economic Regulation Authority

WESTERN AUSTRALIA

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ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Prior to using this model

The Excel VBA macro must be enabled prior to opening this model to allow the use of macro to perform computation.
The "Solve Revenue" Macro button is in the Draft Decision Summary worksheet.

Worksheets

Worksheet	Description
Draft_Decision_Summary	AA4 ERA Draft Decision Model Output
WACC	Contains the relevant parameters related to computing the WACC
D_Input	Contains general inputs of assumptions for Distribution, ICB, capital expenditures, operating expenditures, approved depreciations etc.
T_Input	Contains general inputs of assumptions for Transmission, ICB, capital expenditures, operating expenditures, approved depreciations etc.
Adjustment_Input	Contains general inputs of assumptions for calculating incentive and revenue adjustment, such as, SSAM, IAM, GSM, K-factor and other adjustments.
D_Asset	Regulatory depreciation for Distribution
D_Tax Asset	Tax depreciation for Distribution
T_Asset	Regulatory depreciation for Transmission
T_Tax Asset	Tax depreciation for Transmission
D_Adjustment	Revenue adjustment calculation for Distribution
T_Adjustment	Revenue adjustment calculation for Transmission
Tax_Analysis	Tax and Equity Raising Cost calculation for Distribution and Transmission
GSM	Gain Share Mechanism calculation for Distribution and Transmission
D_CoS	Cost of Service Building Block calculation for Distribution
T_CoS	Cost of Service Building Block calculation for Transmission

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

ERA Draft Decision Model Summary

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AA4 Transmission Network Target Revenue (Real \$ Million, at 30 June 2017)								
	2017/18	2018/19	2019/20	2020/21	2021/22	AA4 Total	Total Approved AA3	
Operating Costs	80.8	79.2	78.4	79.7	79.4	397.6	578.6	
Depreciation	111.4	116.3	123.9	133.0	137.4	622.0	562.1	
Accelerated Depreciation (redundant assets)	-	-	-	-	-	-	-	
Return on regulated asset (less inflationary gain)	127.7	127.9	129.7	131.7	132.0	649.0	592.4	
Return on working capital	1.1	1.6	1.8	2.0	2.4	8.9	4.8	
Taxation	12.8	14.5	15.4	14.7	16.3	73.7	57.7	
Forward Looking Efficient Cost	333.7	339.6	349.2	361.2	367.5	1,751.1	1,795.7	
Investment Adjustment Mechanism	(-33.8)	-	-	-	-	(-33.8)	(-52.5)	
Service standard adjustment mechanism	13.4	-	-	-	-	13.4	6.8	
Unforeseen Events	-	-	-	-	-	-	-	
D-Factor	-	-	-	-	-	-	-	
Gain sharing mechanism	8.6	9.3	9.3	7.1	16.6	50.9	-	
Deferred Revenue Recovery	4.5	4.5	4.5	4.5	4.5	22.7	21.0	
K Factor	1.2	-	-	-	-	1.2	29.2	
Total Transmission Revenue Building Blocks (unsmoothed)	327.7	353.4	363.0	372.8	388.7	1,805.6	1,800.2	

Smoothed target revenue for transmission network (Real \$ Million, at 30 June 2017)								
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	AA4 Total	AA4 Total at Present Value
Unsmoothed Transmission Revenue		327.7	353.4	363.0	372.8	388.7	1,805.6	1,598.8
Revenue deferred		-	-	-	-	-	-	-
Adjusted transmission revenue	290.1	286.0	320.9	360.1	402.0	447.0	1,816.0	1,598.8
Annual % Change on Smoothed Revenue		-1.42%	12.21%	12.21%	11.63%	11.19%		

AA4 Distribution Network Target Revenue (Real \$ Million, at 30 June 2017)								
	2017/18	2018/19	2019/20	2020/21	2021/22	AA4 Total	Total Approved AA3	
Operating Costs	263.8	258.7	256.0	260.2	259.2	1,297.9	1,922.4	
Depreciation	256.0	275.5	286.9	287.0	276.0	1,381.4	1,260.3	
Accelerated Depreciation (redundant assets)	-	-	-	-	-	-	4.3	
Return on regulated asset	236.5	245.4	254.2	264.0	269.3	1,269.4	929.2	
Return on working capital	7.0	7.0	6.7	6.3	6.2	33.2	15.1	
Taxation	52.5	52.9	48.1	39.4	37.7	230.6	209.7	
Forward Looking Efficient Cost	815.8	839.6	851.8	857.0	848.5	4,212.6	4,341.0	
Investment Adjustment Mechanism	(-8.3)	-	-	-	-	(-8.3)	2.1	
Service standard adjustment mechanism	241.0	-	-	-	-	241.0	27.0	
Unforeseen Events	-	-	-	-	-	-	-	
D-Factor	8.8	-	-	-	-	8.8	-	
Gain sharing mechanism	27.4	29.3	29.3	22.5	52.7	161.2	-	
Deferred Revenue Recovery	36.2	36.2	36.2	36.2	36.2	181.1	169.1	
K Factor	36.5	-	-	-	-	36.5	54.1	
Tariff Equalisation Contribution	164.0	168.7	153.4	146.0	147.0	779.0	984.9	
Total Distribution Revenue Building Blocks (unsmoothed)	1,321.3	1,073.8	1,070.7	1,061.7	1,084.3	5,611.9	5,578.2	

AA4 Smoothed target revenue for Distribution network (Real \$ Million, at 30 June 2017)								
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	AA4 Total	AA4 Total at Present Value
Unsmoothed Distribution Revenue		1,321.3	1,073.8	1,070.7	1,061.7	1,084.3	5,611.9	5,002.5
Revenue brought forward		-	-	-	-	-	-	-
Adjusted unsmoothed revenue		1,321.3	1,073.8	1,070.7	1,061.7	1,084.3	5,611.9	5,002.5
Smoothed Distribution Revenue	1,235.0	1,205.3	1,170.3	1,126.6	1,078.1	1,034.2	5,614.4	5,002.5
Annual % Change on Smoothed Revenue		-2.41%	-2.90%	-3.73%	-4.31%	-4.07%		

Real \$ m as at 30/06/2017	AA4 Total	Total Approved AA3
Unsmoothed target revenue	7,417.46	7,378.37
Smoothed target revenue	7,430.41	

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

ERA Draft Decision Model Summary

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Transmission Demand Profile and Tariff Path

Real \$ m as at 30/06/2017	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22
Smoothed Revenue		286.0	320.9	360.1	402.0	447.0
Energy Transport (GWh)		17,698.0	17,663.0	17,628.0	17,502.0	17,309.0
Average Real Tariff	16.3	16.2	18.2	20.4	23.0	25.8
Annual % Change		-1.05%	12.43%	12.43%	12.43%	12.43%

Distribution Demand Profile and Tariff Path

Real \$ m as at 30/06/2017	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22
Smoothed Revenue		1,205.3	1,170.3	1,126.6	1,078.1	1,034.2
Energy Transport (GWh)		13,691.0	13,656.0	13,505.0	13,276.0	13,083.0
Average Real Tariff	89.7	88.0	85.7	83.4	81.2	79.0
Annual % Change		-1.86%	-2.65%	-2.65%	-2.65%	-2.65%

Consolidated Western Power Network Tariff Path

Real \$ m as at 30/06/2017	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22
Distribution Tariff + Transmission Tariff	106.0	104.2	103.9	103.8	104.2	104.9
Annual % Change for Consolidated network tariff		-1.73%	-0.32%	-0.02%	0.31%	0.67%

Key Summary

Real \$ m as at 30/06/2017	2017/18	2018/19	2019/20	2020/21	2021/22	Total
AA4 Target Revenue (Un-smoothed)	1,649.0	1,427.2	1,433.7	1,434.5	1,473.0	7,417.5
AA4 Target Revenue (smoothed)	1,491.3	1,491.2	1,486.7	1,480.1	1,481.2	7,430.4
AA3 Actual Efficient Capex Rolled into Rab	887.8	1,013.8	777.7	624.7	464.1	3,768.1
Forecast AA4 Capex	591.7	649.7	702.9	556.4	547.6	3,048.3
Forecasted AA4 Opex	344.6	338.0	334.4	339.9	338.6	1,695.5

Transmission regulated asset base (real \$ million at June 2017)

	2017/18	2018/19	2019/20	2020/21	2021/22	AA4 Total	AA3 total with approved net capex
Opening RAB	3,126.0	3,132.3	3,175.9	3,225.9	3,232.3	3,126.0	2,816.7
Net CAPEX	117.7	159.9	174.0	139.3	128.6	719.5	1,683.8
Depreciation	(-111.4)	(-116.3)	(-123.9)	(-133.0)	(-137.4)	(-622.0)	(-562.1)
Accelerated Depreciation	-	-	-	-	-	-	-
Closing RAB	3,132.3	3,175.9	3,225.9	3,232.3	3,223.4	3,223.4	3,938.4

Distribution regulated asset base (real \$ million at June 2017)

	2017/18	2018/19	2019/20	2020/21	2021/22	AA4 Proposed Total	AA3 total with approved net capex
Opening RAB	5,791.3	6,009.2	6,223.6	6,465.6	6,595.7	5,791.3	4,248.7
Net CAPEX	474.0	489.8	528.9	417.1	419.0	2,328.8	3,826.1
Depreciation	(-256.0)	(-275.5)	(-286.9)	(-287.0)	(-276.0)	(-1,381.4)	(-1,260.1)
Accelerated Depreciation	-	-	-	-	-	-	(-4.3)
Closing RAB	6,009.2	6,223.6	6,465.6	6,595.7	6,738.7	6,738.7	6,810.4

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ERA Draft Decision Model Summary

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Transmission Revenue Cap Revenue (real \$ m at June 2017)

	2017/18	2018/19	2019/20	2020/21	2021/22	Average Revenue
TR (excluding K factor)	284.8	320.9	360.1	402.0	447.0	362.96
TX		12.69%	12.21%	11.63%	11.19%	

used for incentive rate input

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Distribution Revenue Cap Revenue (real \$ m at June 2017)

	2017/18	2018/19	2019/20	2020/21	2021/22	Average Revenue
DR (excluding TEC and K factor)	1,004.8	1,001.5	973.2	932.1	887.2	959.78
DX		-0.33%	-2.83%	-4.22%	-4.82%	

used for incentive rate input

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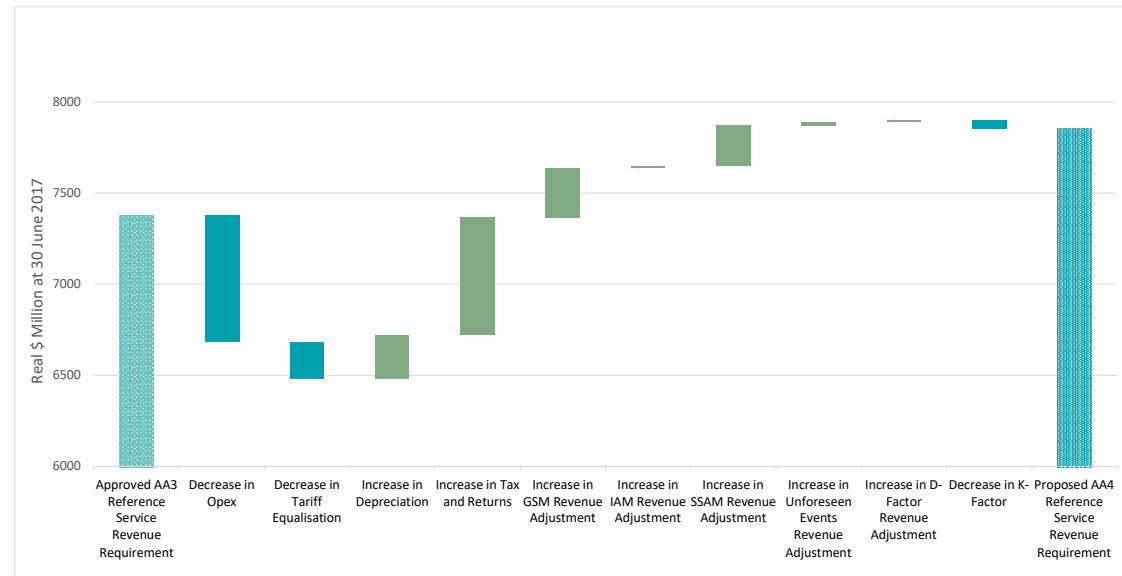
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Target Revenue waterfall chart between AA3 Approved and AA4 Western Power Proposed



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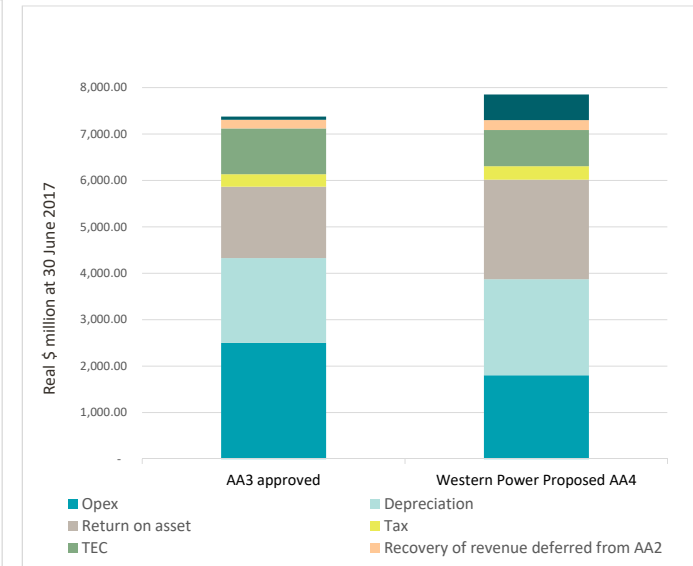
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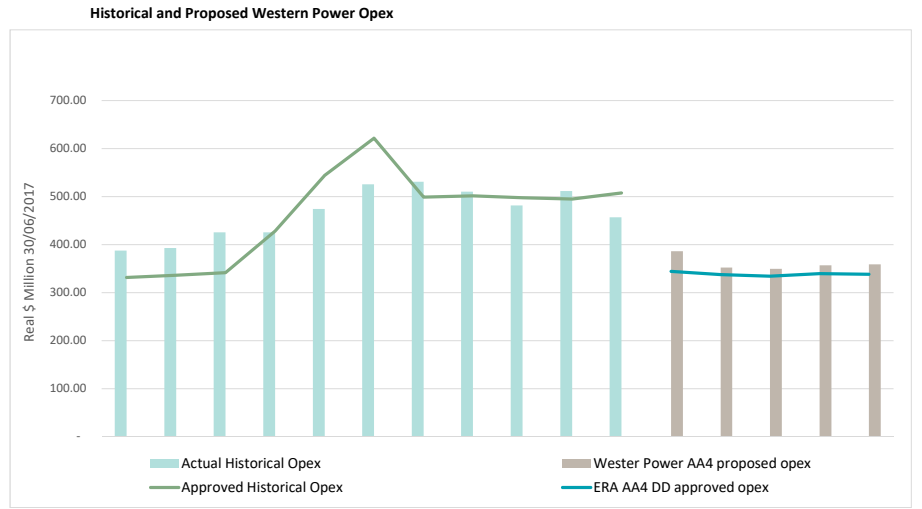
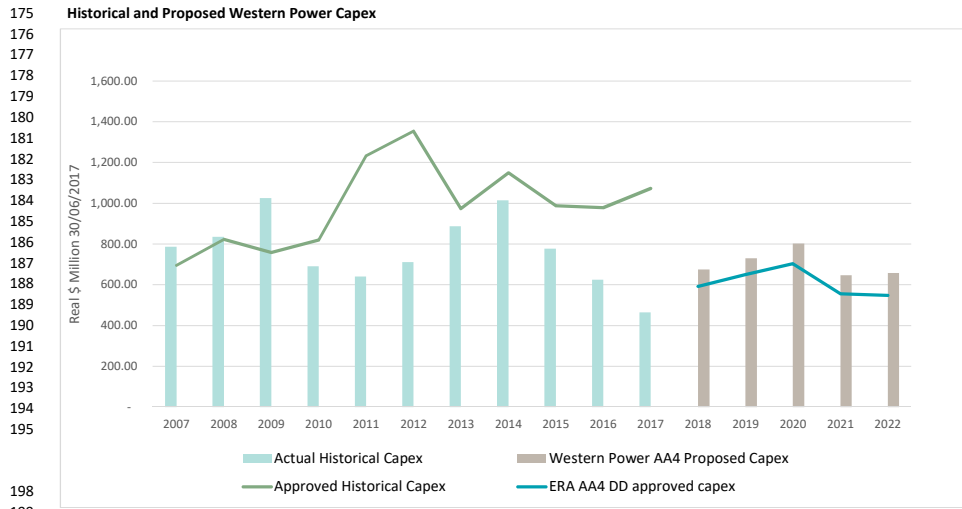
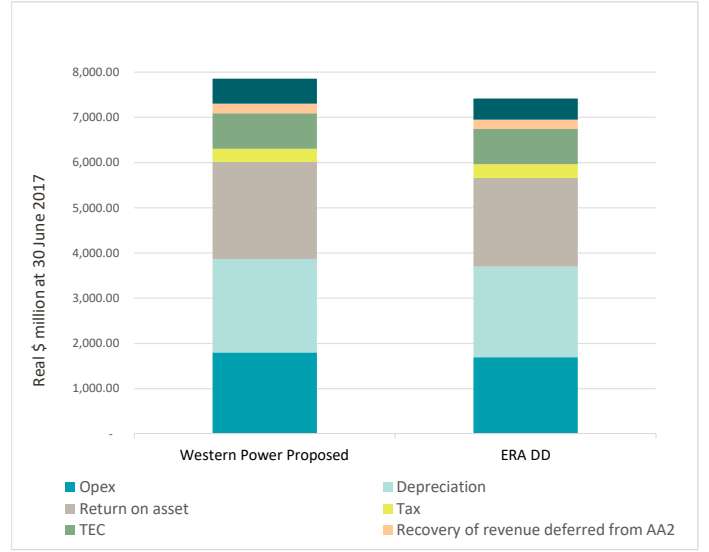
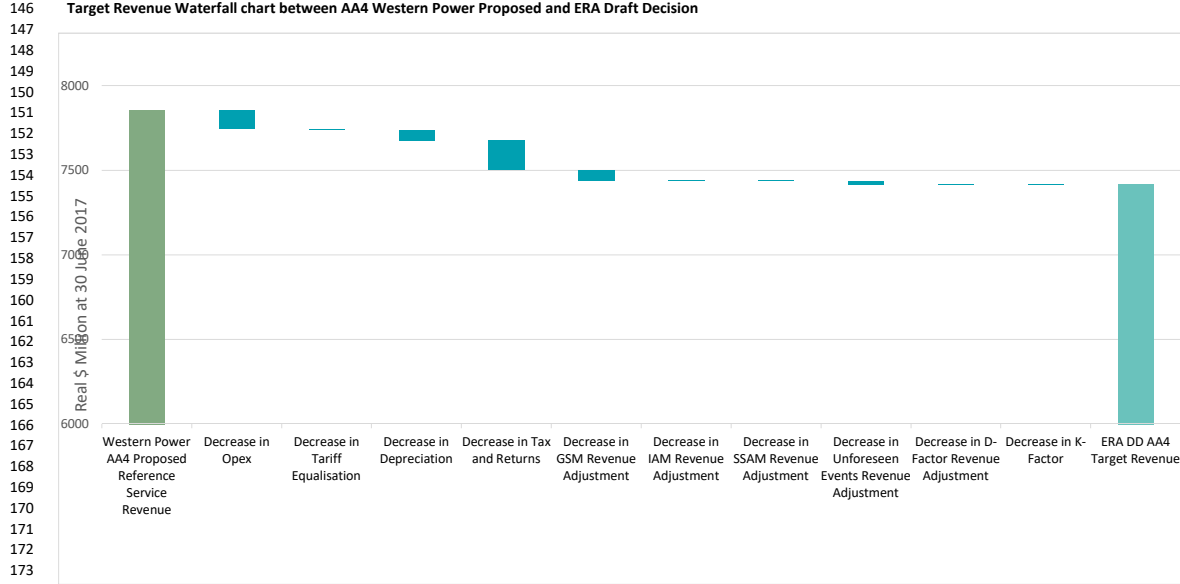
AA4 Target Revenue Building Blocks: AA3 Approved v.s. Western Power Proposed



ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

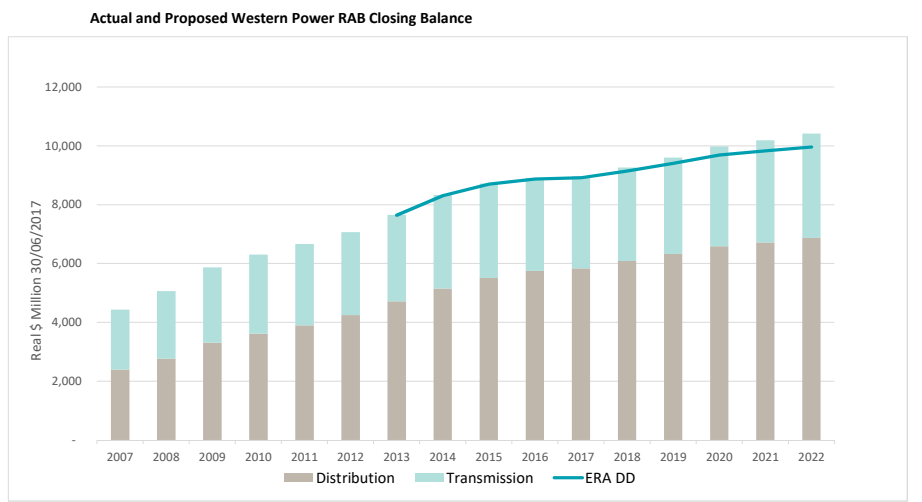
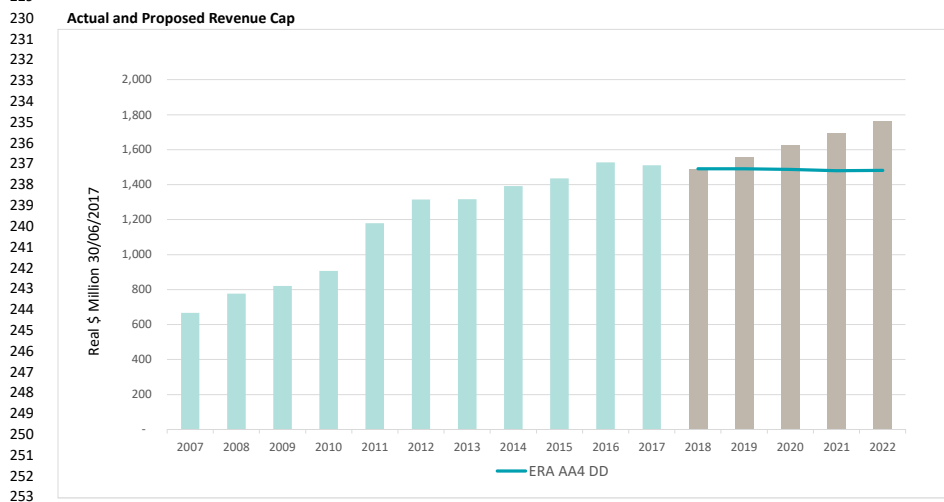
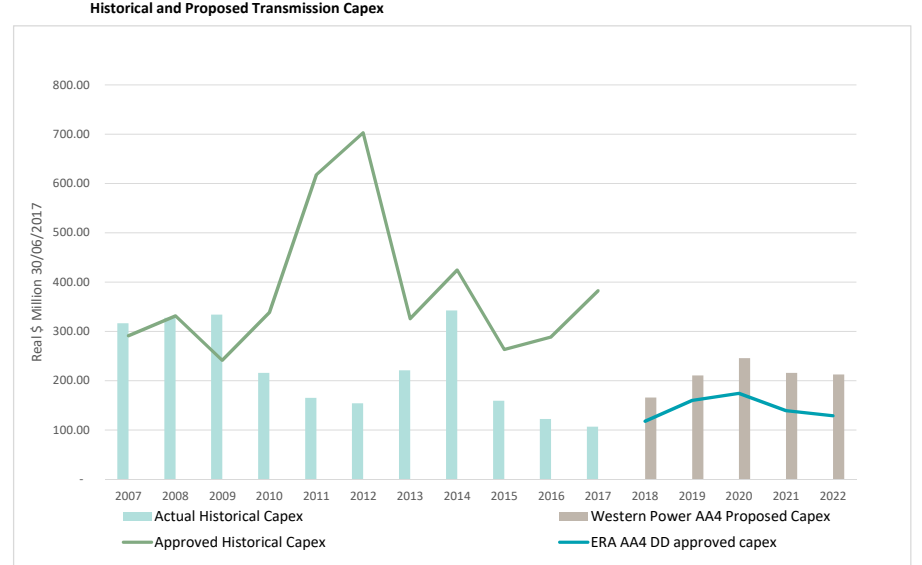
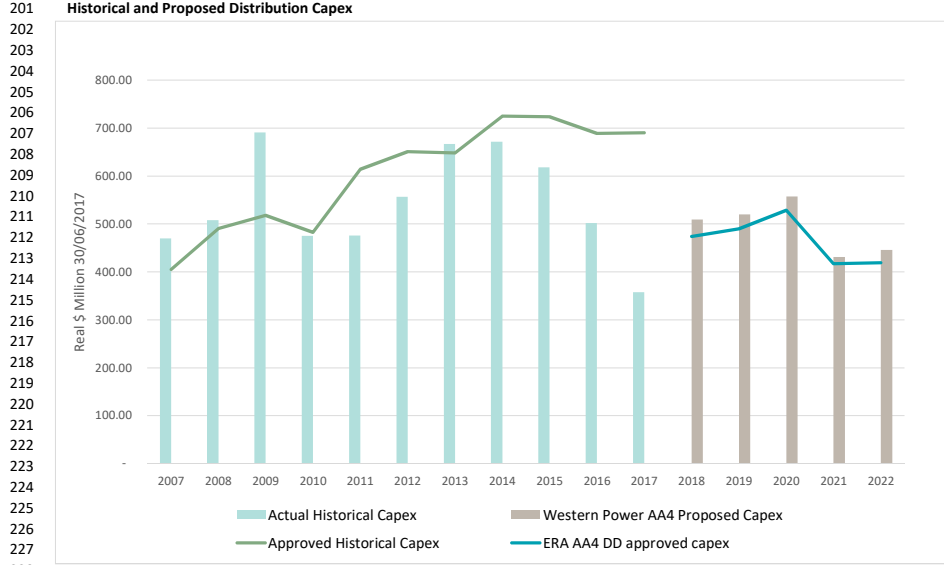
ERA Draft Decision Model Summary

2 Target Revenue Waterfall chart between AA4 Western Power Proposed and ERA Draft Decision 3 5 6 7 8 9 10 11 12 13 14 15 16 17
 AA4 Target Revenue Building Blocks: Western Power Proposed v.s. ERA Draft Decision



ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]
ERA Draft Decision Model Summary

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ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Weighted Average Cost of Capital (WACC)

	2	3	5	6	7	8	9	10	11	12	13	
			AA1	AA2	AA3	AA4 WACC Draft Decision						
			Approved	Approved	Approved	17/18	18/19	19/20	20/21	21/22		
4	Determination of the Weighted Average Cost of Capital											
5												
6					15-Jun-12	29-Mar-18						
7					2.52%	2.37%	2.37%	2.37%	2.37%	2.37%		
8					0.41%	0.52%	0.52%	0.52%	0.52%	0.52%		
9					2.10%	1.84%	1.84%	1.84%	1.84%	1.84%		
10					60.00%	55%	55%	55%	55%	55%		
11					40.00%	45%	45%	45%	45%	45%		
13						2.59%	2.59%	2.59%	2.59%	2.59%		
14						0.22%	0.22%	0.22%	0.22%	0.22%		
15					2.71%	2.61%	2.61%	2.61%	2.61%	2.61%		
16					0.13%	0.100%	0.10%	0.10%	0.10%	0.10%		
17						0.114%	0.11%	0.11%	0.11%	0.11%		
18					2.83%	3.05%	3.05%	3.05%	3.05%	3.05%		
20					6.0%	6.2%	6.2%	6.2%	6.2%	6.2%		
21					0.65	0.70	0.70	0.70	0.70	0.70		
22					30%	30%	30%	30%	30%	30%		
23					25%	40%	40%	40%	40%	40%		
24					90%	85%	85%	85%	85%	85%		
26												
27					5.35%	5.42%	5.42%	5.42%	5.42%	5.42%		
28					3.19%	3.51%	3.51%	3.51%	3.51%	3.51%		
30												
31					8.28%	8.18%	8.18%	8.18%	8.18%	8.18%		
32					6.06%	6.23%	6.23%	6.23%	6.23%	6.23%		
33					6.42%	6.71%	6.71%	6.71%	6.71%	6.71%		
34					4.23%	4.78%	4.78%	4.78%	4.78%	4.78%		
36												
37					6.53%	6.66%	6.66%	6.66%	6.66%	6.66%		
38					6.76%	7.98%	4.73%	4.73%	4.73%	4.73%		
40												
41					5.78%	6.00%	6.00%	6.00%	6.00%	6.00%		
42					3.60%	4.08%	4.08%	4.08%	4.08%	4.08%		
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ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Distribution Input

	2	3	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5 Project Year		7	8	9	10	11	12	13	14	15	16	
6 Regulatory Period			AA3					AA4				
7 AA1 WP's Forecasted Inflation												
8 June CPI												
9 Forecast Annual Inflation												
10 Inflation Factor												
11 AA2 Actual and WP's Forecasted Inflation												
12 June CPI												
13 Actual & Forecast Annual Inflation												
14 Inflation Factor												
15 AA3 Actual and WP's Forecasted Inflation												
16 June CPI			185.8	190.5	195.2	200.1	205.1					
17 Actual & Forecast Annual Inflation			3.00%	2.50%	2.50%	2.50%	2.50%					
18 Inflation Factor			1.030	1.056	1.082	1.109	1.137					
19 AA4 Actual and Forecasted Inflation												
20 June CPI												
21 June CPI (rebased)			102.8	105.9	107.5	108.6	110.7					
22 Actual & Forecast Inflation			2.39%	3.02%	1.51%	1.02%	1.93%	1.84%	1.84%	1.84%	1.84%	1.84%
23 End of year Inflation factor			0.929	0.957	0.971	0.981	1.000	1.018	1.037	1.056	1.076	1.095
24 Initial Capital Base												
25 Distribution												
37 Total												
38 Asset Allocation												
104												
105 Capital Expenditure			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
106 [APPROVED] Capex by Regulatory category (\$M Real)												
107 Growth			Approved AA3 (\$M Real 30/06/2012)									
108 Capacity Expansion			56.86	61.32	68.09	68.47	76.35					
109 Customer Driven			202.89	203.65	209.36	210.84	217.39					
110 Gifted Assets			63.48	63.48	63.48	63.48	63.48					
111 Asset replacement and renewal												
112 Asset Replacement			42.10	37.29	35.11	36.59	36.72					
113 State Undergrounding Power Program (SUPP)			38.48	18.59	-	-	-					
114 Metering			13.47	44.53	44.14	40.18	16.12					
115 Smartgrid			2.48	24.02	26.59	20.19	15.60					
116 Wood Pole Management			164.55	188.37	199.11	209.82	222.28					
117 Improvement in service												
118 Reliability Driven			0.59	0.60	0.61	0.61	0.62					
119 Rural Power Improvement Program (RPIP)			-	-	-	-	-					
120 SCADA & Communications			5.15	6.33	7.00	3.89	6.97					
121 Compliance												
122 Safety, Environmental & Statutory			112.94	112.78	113.15	84.77	91.43					
123 Corporate												
124 IT			25.69	24.75	14.49	15.14	15.37					

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Distribution Input

	2	3	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5 Project Year		7	8	9	10	11	12	13	14	15	16	
6 Regulatory Period		AA3					AA4					
125 Business Support		20.44	19.99	13.85	13.99	11.54						
126 Equity Raising Costs		5.02	4.30	3.45	1.44	-						
127 Total		754.14	809.99	798.44	769.43	773.87						
128 [ACTUAL] Capex by Regulatory category (\$M Nominal)		Actual AA3					Proposed AA4 (\$ Nominal)					
129 Growth												
130 Capacity Expansion		48.47	39.33	26.15	25.44	35.49	45.27	43.61	36.12	35.91	42.39	
131 Customer Driven		188.49	178.84	149.26	140.45	131.17	124.82	137.05	127.31	134.62	137.74	
132 Gifted Assets		57.59	59.14	147.88	123.77	82.35	81.77	83.54	85.41	87.37	89.40	
133 Asset replacement and renewal												
134 Asset Replacement		48.78	45.21	94.49	136.80	114.92	74.98	79.60	87.80	96.84	110.74	
135 State Undergrounding Power Program (SUPP)		29.69	18.96	15.29	10.77	10.39	40.68	53.19	35.44	9.25	20.47	
136 Metering		11.32	11.52	16.69	26.50	24.48	19.26	24.92	29.40	31.88	32.93	
137 Smartgrid		0.78	0.55	1.33	-	-	-	-	-	-	-	
138 Wood Pole Management		216.86	282.46	234.23	186.45	81.72	171.71	133.96	127.32	127.95	119.47	
139 Improvement in service												
140 Reliability Driven		1.69	0.10	0.18	0.78	3.66	3.75	6.28	-	-	-	
141 Rural Power Improvement Program (RPIP)		-	-	-	-	-	-	-	-	-	-	
142 SCADA & Communications		3.07	2.51	3.14	3.70	5.06	10.46	12.14	14.92	14.06	13.16	
143 Compliance												
144 Safety, Environmental & Statutory		128.56	145.38	115.23	35.98	14.78	28.65	45.33	44.99	37.79	38.75	
145 Corporate												
146 IT		18.72	13.03	20.51	12.40	30.95	30.06	40.05	37.28	26.57	18.81	
147 Business Support		19.90	2.52	10.42	15.68	5.25	21.00	38.56	104.51	9.95	8.44	
148 Equity Raising Costs		5.36	4.48	3.46	1.29	-	-	-	-	-	-	
149 Total		779.28	804.03	835.60	720.00	540.22	652.40	698.24	730.50	612.17	632.30	
150 [APPROVED] Capex by Regulatory category (\$M Real at 30/06/2017)		Approved AA3										
151 Growth												
152 Capacity Expansion		62.70	67.61	75.08	75.49	84.18						
153 Customer Driven		223.70	224.54	230.84	232.47	239.69						
154 Gifted Assets		70.00	70.00	70.00	70.00	70.00						
155 Asset replacement and renewal												
156 Asset Replacement		46.42	41.12	38.72	40.35	40.48						
157 State Undergrounding Power Program (SUPP)		42.43	20.50	-	-	-						
158 Metering		14.86	49.10	48.67	44.30	17.78						
159 Smartgrid		2.73	26.49	29.32	22.26	17.20						
160 Wood Pole Management		181.43	207.69	219.53	231.34	245.08						
161 Improvement in service												
162 Reliability Driven		0.66	0.66	0.67	0.68	0.69						
163 Rural Power Improvement Program (RPIP)		-	-	-	-	-						
164 SCADA & Communications		5.68	6.98	7.72	4.29	7.68						
165 Compliance												
166 Safety, Environmental & Statutory		124.52	124.35	124.76	93.46	100.81						

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Distribution Input

	2	3	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5 Project Year		7	8	9	10	11	12	13	14	15	16	
6 Regulatory Period		AA3					AA4					
167 Corporate												
168 IT			28.32	27.29	15.97	16.69	16.94					
169 Business Support			22.54	22.04	15.27	15.43	12.72					
170 Equity Raising Costs			5.53	4.74	3.80	1.59	-					
171 Total			831.51	893.09	880.35	848.36	853.26					
172 [ACTUAL] Capex by Regulatory category (\$M Real at 30/06/2017)												
173 Growth			Actual AA3 (\$M Real at 30/06/2017)					Modelled AA4 Capex				
174 Capacity Expansion			45.07	41.11	26.93	25.93	35.49	44.45	42.05	34.20	33.39	38.70
175 Customer Driven			202.98	186.95	153.70	143.17	131.17	122.56	132.15	120.53	125.15	125.74
176 Gifted Assets			62.01	61.82	152.28	126.17	82.35	80.29	80.54	80.87	81.22	81.61
177 Asset replacement and renewal			-	-	-	-	-					
178 Asset Replacement			52.53	47.26	97.31	139.45	114.92	73.63	76.75	83.13	90.02	101.09
179 State Undergrounding Power Program (SUPP)			31.97	19.82	15.74	10.98	10.39	39.95	51.29	33.56	8.60	18.69
180 Metering			12.19	12.04	17.18	27.01	24.48	18.91	24.03	27.83	29.63	30.06
181 Smartgrid			0.84	0.57	1.37	-	-					
182 Wood Pole Management			233.52	295.26	230.71	177.15	76.20	168.61	129.16	120.55	118.95	109.06
183 Improvement in service			-	-	-	-	-					
184 Reliability Driven			1.82	0.10	0.19	0.50	2.18	3.69	6.06	-	-	-
185 Rural Power Improvement Program (RPIP)			-	-	-	-	-					
186 SCADA & Communications			3.31	2.63	3.24	3.77	5.06	10.28	11.70	14.13	13.07	12.01
187 Compliance			-	-	-	-	-					
188 Safety, Environmental & Statutory			138.43	151.97	118.65	36.67	14.78	28.13	43.70	42.59	35.14	35.37
189 Corporate			-	-	-	-	-					
190 IT			20.16	13.62	21.12	12.64	30.95	29.51	38.62	35.30	24.70	17.17
191 Business Support			15.62	2.63	10.73	15.98	5.25	20.62	37.18	98.94	9.25	7.71
192 Equity Raising Costs			5.53	4.74	3.80	1.59	-	-	-	-	-	-
193 Total			825.99	840.53	850.20	721.01	533.22	640.61	673.23	691.62	569.12	577.20
194 [APPROVED] Capex by asset class (\$M Real at 30/06/2017) including gifted assets			Approved AA3									
195 Wooden Pole Lines			300.49	328.70	344.62	343.80	365.47					
196 Underground Cables			135.79	123.05	114.12	114.17	119.59					
197 Transformers			214.36	207.17	204.79	197.77	203.99					
198 Switchgear			94.52	91.57	90.62	83.01	86.67					
199 Street lighting			6.69	5.97	5.44	5.04	5.21					
200 Meters and Services			16.63	66.31	67.73	58.77	28.96					
201 IT			28.32	27.29	15.97	16.69	16.94					
202 SCADA & Communications			6.64	16.25	17.98	12.09	13.70					
203 Other Distribution Non-Network			22.54	22.04	15.27	15.43	12.72					
204 Distribution Land & Easements			-	-	-	-	-					
205 Equity Raising Costs			5.53	4.74	3.80	1.59	-					
206 Total			831.51	893.09	880.35	848.36	853.26					
207 [ACTUAL] Capex by asset class (\$M Real at 30/06/2017) including gifted asset			Actual AA3					Proposed AA4				
208 Wooden Pole Lines			346.81	409.68	332.22	239.35	126.81	228.25	196.25	180.34	175.56	168.44

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Distribution Input

	2	3	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
5 Project Year	7	8	9	10	11	12	13	14	15	16		
6 Regulatory Period	AA3					AA4						
209	Underground Cables	117.20	102.52	116.74	110.05	95.47	108.62	119.38	100.54	86.69	97.45	
210	Transformers	203.87	193.87	235.96	216.18	171.26	156.22	169.50	161.99	159.93	168.95	
211	Switchgear	93.82	91.99	102.81	86.78	67.88	62.73	70.39	66.70	64.89	69.36	
212	Street lighting	6.64	6.23	7.77	7.65	6.07	5.49	6.18	5.85	5.40	6.06	
213	Meters and Services	12.73	12.41	16.29	27.01	24.48	18.91	24.03	27.83	29.63	30.06	
214	IT	20.16	13.62	21.12	12.64	30.95	29.51	38.62	35.30	24.70	17.17	
215	SCADA & Communications	3.60	2.83	2.76	3.77	5.06	10.28	11.70	14.13	13.07	12.01	
216	Other Distribution Non-Network	15.62	2.63	10.73	15.98	5.25	20.62	37.18	98.94	9.25	7.71	
217	Distribution Land & Easements	-	-	-	-	-	-	-	-	-	-	
218	Equity Raising Costs	5.53	4.74	3.80	1.59	-	-	-	-	-	-	
219	Total	825.99	840.53	850.20	721.01	533.22	640.61	673.23	691.62	569.12	577.20	
220	Capex Adjustment	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
293												
294	[ACTUAL] Post -Adjustment CAPEX by regulatory categories (\$M real 30/06/2017)											
295	Growth	Actual AA3					Proposed AA4 (Post Adjusted Capex)					
296	Capacity Expansion	45.07	41.11	26.93	25.93	35.49	44.45	42.05	34.20	33.39	38.70	
297	Customer Driven	202.98	186.95	153.70	143.17	131.17	122.56	132.15	120.53	125.15	125.74	
298	Gifted Assets	62.01	61.82	152.28	126.17	82.35	80.29	80.54	80.87	81.22	81.61	
299	Asset replacement and renewal	-	-	-	-	-	-	-	-	-	-	
300	Asset Replacement	52.53	47.26	97.31	139.45	114.92	73.63	76.75	83.13	90.02	101.09	
301	State Undergrounding Power Program (SUPP)	31.97	19.82	15.74	10.98	10.39	39.95	51.29	33.56	8.60	18.69	
302	Metering	12.19	12.04	17.18	27.01	24.48	18.91	24.03	27.83	29.63	30.06	
303	Smartgrid	0.84	0.57	-1.37	-	-	-	-	-	-	-	
304	Wood Pole Management	233.52	295.26	230.71	177.15	76.20	168.61	129.16	120.55	118.95	109.06	
305	Improvement in service	-	-	-	-	-	-	-	-	-	-	
306	Reliability Driven	1.82	0.10	0.19	0.50	2.18	3.69	6.06	-	-	-	
307	Rural Power Improvement Program (RPIP)	-	-	-	-	-	-	-	-	-	-	
308	SCADA & Communications	3.31	2.63	3.24	3.77	5.06	10.28	11.70	14.13	13.07	12.01	
309	Compliance	-	-	-	-	-	-	-	-	-	-	
310	Safety, Environmental & Statutory	138.43	151.97	118.65	36.67	14.78	28.13	43.70	42.59	35.14	35.37	
311	Corporate	-	-	-	-	-	-	-	-	-	-	
312	IT	20.16	13.62	21.12	12.64	30.95	29.51	38.62	35.30	24.70	17.17	
313	Business Support	15.62	2.63	10.73	15.98	5.25	20.62	37.18	98.94	9.25	7.71	
314	Equity Raising Costs	5.53	4.74	3.80	1.59	-	-	-	-	-	-	
315	Total	825.99	840.53	850.20	721.01	533.22	640.61	673.23	691.62	569.12	577.20	
316	[ACTUAL] Post -Adjustment CAPEX by asset class (\$M real 30/06/2017)											
317		Actual AA3					Proposed AA4 (Post Adjusted Capex)					
317	Wooden Pole Lines	346.81	409.68	332.22	239.35	126.81	228.25	196.25	180.34	175.56	168.44	
318	Underground Cables	117.20	102.52	116.74	110.05	95.47	108.62	119.38	100.54	86.69	97.45	
319	Transformers	203.87	193.87	235.96	216.18	171.26	156.22	169.50	161.99	159.93	168.95	
320	Switchgear	93.82	91.99	102.81	86.78	67.88	62.73	70.39	66.70	64.89	69.36	
321	Street lighting	6.64	6.23	7.77	7.65	6.07	5.49	6.18	5.85	5.40	6.06	
322	Meters and Services	12.73	12.41	16.29	27.01	24.48	18.91	24.03	27.83	29.63	30.06	

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Distribution Input

2	3	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5 Project Year		7	8	9	10	11	12	13	14	15	16
6 Regulatory Period		AA3					AA4				
323	IT	20.16	13.62	21.12	12.64	30.95	29.51	38.62	35.30	24.70	17.17
324	SCADA & Communications	3.60	2.83	2.76	3.77	5.06	10.28	11.70	14.13	13.07	12.01
325	Other Distribution Non-Network	15.62	2.63	10.73	15.98	5.25	20.62	37.18	98.94	9.25	7.71
326	Distribution Land & Easements	-	-	-	-	-	-	-	-	-	-
327	Equity Raising Costs	5.53	4.74	3.80	1.59	-	-	-	-	-	-
328	Total	825.99	840.53	850.20	721.01	533.22	640.61	673.23	691.62	569.12	577.20
329	Gifted Asset	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
330	[APPROVED]Gifted Assets (\$M real 2012)	Approved AA3									
331	Wooden Pole Lines	8.23	8.23	8.23	8.23	8.23					
332	Underground Cables	15.59	15.59	15.59	15.59	15.59					
333	Transformers	30.52	30.52	30.52	30.52	30.52					
334	Switchgear	8.70	8.70	8.70	8.70	8.70					
335	Street lighting	0.44	0.44	0.44	0.44	0.44					
336	Meters and Services	-	-	-	-	-					
337	IT	-	-	-	-	-					
338	SCADA & Communications	-	-	-	-	-					
339	Other Distribution Non-Network	-	-	-	-	-					
340	Distribution Land & Easements	-	-	-	-	-					
341	Equity Raising Costs										
342	Total	63.48	63.48	63.48	63.48	63.48					
343	[ACTUAL]Gifted Assets (\$Nominal)	Actual AA3									
344	Wooden Pole Lines	7.46	7.66	19.17	16.04	10.67					
345	Underground Cables	14.15	14.53	36.33	30.41	20.23					
346	Transformers	27.68	28.43	71.09	59.50	39.59					
347	Switchgear	7.89	8.11	20.27	16.96	11.29					
348	Street lighting	0.40	0.41	1.03	0.86	0.57					
349	Meters and Services	-	-	-	-	-					
350	IT	-	-	-	-	-					
351	SCADA & Communications	-	-	-	-	-					
352	Other Distribution Non-Network	-	-	-	-	-					
353	Distribution Land & Easements	-	-	-	-	-					
354	Equity Raising Costs	-	-	-	-	-					
355	Total	57.59	59.14	147.88	123.77	82.35					
356	[APPROVED]Gifted Assets (\$M real 30/06/2017)	Approved AA3									
357	Wooden Pole Lines	9.07	9.07	9.07	9.07	9.07					
358	Underground Cables	17.19	17.19	17.19	17.19	17.19					
359	Transformers	33.65	33.65	33.65	33.65	33.65					
360	Switchgear	9.59	9.59	9.59	9.59	9.59					
361	Street lighting	0.49	0.49	0.49	0.49	0.49					
362	Meters and Services	-	-	-	-	-					
363	IT	-	-	-	-	-					
364	SCADA & Communications	-	-	-	-	-					

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Distribution Input

	2	3	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
5 Project Year	7	8	9	10	11	12	13	14	15	16		
6 Regulatory Period	AA3					AA4						
365 Other Distribution Non-Network	-	-	-	-	-	-	-	-	-	-	-	-
366 Distribution Land & Easements	-	-	-	-	-	-	-	-	-	-	-	-
367 Equity Raising Costs	-	-	-	-	-	-	-	-	-	-	-	-
368 Total	70.00	70.00	70.00	70.00	70.00							
369 [ACTUAL]Gifted Assets (\$M real 30/06/2017)	Actual AA3					Proposed AA4						
370 Wooden Pole Lines	8.04	8.01	19.74	16.35	10.67	10.41	10.44	10.48	10.53	10.58		
371 Underground Cables	15.23	15.19	37.41	30.99	20.23	19.72	19.79	19.87	19.95	20.05		
372 Transformers	29.81	29.72	73.21	60.65	39.59	38.60	38.72	38.88	39.05	39.23		
373 Switchgear	8.50	8.47	20.87	17.29	11.29	11.00	11.04	11.08	11.13	11.19		
374 Street lighting	0.43	0.43	1.06	0.88	0.57	0.56	0.56	0.56	0.56	0.57		
375 Meters and Services	-	-	-	-	-	-	-	-	-	-		
376 IT	-	-	-	-	-	-	-	-	-	-		
377 SCADA & Communications	-	-	-	-	-	-	-	-	-	-		
378 Other Distribution Non-Network	-	-	-	-	-	-	-	-	-	-		
379 Distribution Land & Easements	-	-	-	-	-	-	-	-	-	-		
380 Equity Raising Costs	-	-	-	-	-	-	-	-	-	-		
381 Total	62.01	61.82	152.28	126.17	82.35	80.29	80.54	80.87	81.22	81.61		
382 Owners Capex	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
383 [APPROVED]Owner's capex	Approved AA3											
384 Wooden Pole Lines	291.42	319.63	335.55	334.73	356.40							
385 Underground Cables	118.59	105.86	96.92	96.98	102.39							
386 Transformers	180.71	173.52	171.14	164.12	170.34							
387 Switchgear	84.93	81.98	81.03	73.42	77.08							
388 Street lighting	6.21	5.48	4.95	4.55	4.73							
389 Meters and Services	16.63	66.31	67.73	58.77	28.96							
390 IT	28.32	27.29	15.97	16.69	16.94							
391 SCADA & Communications	6.64	16.25	17.98	12.09	13.70							
392 Other Distribution Non-Network	22.54	22.04	15.27	15.43	12.72							
393 Distribution Land & Easements	-	-	-	-	-							
394 Equity Raising Costs	5.53	4.74	3.80	1.59	-							
395 Total	761.51	823.09	810.35	778.37	783.26							
396 [ACTUAL]Owner's capex (\$M real 2017) i.e. post-adjusted actual capex - gifted	Actual AA3					Proposed AA4						
397 Wooden Pole Lines	338.78	401.67	312.48	223.00	116.13	217.84	185.81	169.86	165.03	157.87		
398 Underground Cables	101.96	87.34	79.33	79.06	75.24	88.89	99.60	80.68	66.74	77.40		
399 Transformers	174.06	164.15	162.76	155.53	131.67	117.62	130.78	123.11	120.88	129.71		
400 Switchgear	85.32	83.52	81.94	69.49	56.59	51.72	59.35	55.61	53.76	58.17		
401 Street lighting	6.21	5.80	6.72	6.78	5.50	4.93	5.62	5.29	4.83	5.49		
402 Meters and Services	12.73	12.41	16.29	27.01	24.48	18.91	24.03	27.83	29.63	30.06		
403 IT	20.16	13.62	21.12	12.64	30.95	29.51	38.62	35.30	24.70	17.17		
404 SCADA & Communications	3.60	2.83	2.76	3.77	5.06	10.28	11.70	14.13	13.07	12.01		
405 Other Distribution Non-Network	15.62	2.63	10.73	15.98	5.25	20.62	37.18	98.94	9.25	7.71		
406 Distribution Land & Easements	-	-	-	-	-	-	-	-	-	-		

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Distribution Input

	2	3	17	18	19	20	21	22	23	24	25	26	
4 Year Ending 30 June			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
5 Project Year		7	8	9	10	11	12	13	14	15	16		
6 Regulatory Period			AA3					AA4					
407 Equity Raising Costs			5.53	4.74	3.80	1.59	-	-	-	-	-	-	
408 Total			763.98	778.71	697.92	594.84	450.87	560.33	592.69	610.75	487.89	495.59	
409													
410 Cash Contributions			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
411 [APROVED]Cash Contributions (\$M real)													
412 Growth			Approved AA3 (real\$2012)										
413 Capacity Expansion													
414 Customer Driven			73.46	74.68	78.65	80.78	84.60						
415 Gifted Assets													
416 Asset replacement and renewal													
417 Asset Replacement													
418 State Undergrounding Power Program (SUPP)			29.40	14.20	-	-	-						
419 Metering													
420 Smartgrid													
421 Wood Pole Management													
422 Improvement in service													
423 Reliability Driven													
424 Rural Power Improvement Program (RPIP)													
425 SCADA & Communications													
426 Compliance													
427 Safety, Environmental & Statutory													
428 Corporate													
429 IT													
430 Business Support													
431 Equity Raising Costs													
432 Total			102.86	88.88	78.65	80.78	84.60						
433 [ACTUAL]Cash Contributions (\$M OD)													
434 Growth			Actual AA3										
435 Capacity Expansion			0.00	0.01	-	-	-						
436 Customer Driven			75.31	89.41	63.23	81.32	84.95						
437 Gifted Assets													
438 Asset replacement and renewal													
439 Asset Replacement			-	0.07	0.29	-	0.05	0.03					
440 State Undergrounding Power Program (SUPP)			14.32	10.04	9.49	6.10	5.35						
441 Metering			0.42	3.04	4.14	3.44	3.11						
442 Smartgrid			-	-	-	-	-						
443 Wood Pole Management			-	-	-	-	-						
444 Improvement in service													
445 Reliability Driven			-	-	-	-	-						
446 Rural Power Improvement Program (RPIP)			-	-	-	-	-						
447 SCADA & Communications			-	-	-	-	-						
448 Compliance													

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Distribution Input

	2	3	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5 Project Year		7	8	9	10	11	12	13	14	15	16	16
6 Regulatory Period			AA3					AA4				
449 Safety, Environmental & Statutory		-	-	0.07	-	0.01	-					
450 Corporate												
451 IT		-	-	-	-	-	-					
452 Business Support		-	-	-	-	-	-					
453 Equity Raising Costs		-	-	-	-	-	-					
454 Total		90.06	102.57	77.22	90.80	93.44						
455 [APROVED]Cash Contributions (\$M real 30/06/2017)												
456 Growth			Approved AA3									
457 Capacity Expansion		-	-	-	-	-	-					
458 Customer Driven		80.99	82.34	86.72	89.07	93.28						
459 Gifted Assets		-	-	-	-	-	-					
460 Asset replacement and renewal		-	-	-	-	-	-					
461 Asset Replacement		-	-	-	-	-	-					
462 State Undergrounding Power Program (SUPP)		32.42	15.66	-	-	-	-					
463 Metering		-	-	-	-	-	-					
464 Smartgrid		-	-	-	-	-	-					
465 Wood Pole Management		-	-	-	-	-	-					
466 Improvement in service		-	-	-	-	-	-					
467 Reliability Driven		-	-	-	-	-	-					
468 Rural Power Improvement Program (RPIP)		-	-	-	-	-	-					
469 SCADA & Communications		-	-	-	-	-	-					
470 Compliance		-	-	-	-	-	-					
471 Safety, Environmental & Statutory		-	-	-	-	-	-					
472 Corporate		-	-	-	-	-	-					
473 IT		-	-	-	-	-	-					
474 Business Support		-	-	-	-	-	-					
475 Equity Raising Costs		-	-	-	-	-	-					
476 Total		113.41	97.99	86.72	89.07	93.28						
477 [ACTUAL]Cash Contributions (\$M real 30/06/2017)												
478 Growth			Actual AA3					Proposed AA4				
479 Capacity Expansion		0.00	0.01	-	-	-	-					
480 Customer Driven		81.10	93.46	65.11	82.89	84.95	61.28	71.70	60.26	62.57	62.87	
481 Gifted Assets		-	-	-	-	-						
482 Asset replacement and renewal		-	-	-	-	-						
483 Asset Replacement		-	0.08	0.30	-0.05	0.03						
484 State Undergrounding Power Program (SUPP)		15.42	10.49	9.78	6.22	5.35	21.57	27.69	18.12	4.64	10.09	
485 Metering		0.45	3.17	4.26	3.51	3.11	3.52	3.47	3.46	3.59	3.61	
486 Smartgrid		-	-	-	-	-						
487 Wood Pole Management		-	-	-	-	-						
488 Improvement in service		-	-	-	-	-						
489 Reliability Driven		-	-	-	-	-						
490 Rural Power Improvement Program (RPIP)		-	-	-	-	-						

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Distribution Input

	2	3	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
5 Project Year	7	8	9	10	11	12	13	14	15	16		
6 Regulatory Period	AA3					AA4						
491 SCADA & Communications	-	-	-	-	-	-	-	-	-	-	-	-
492 Compliance	-	-	-	-	-	-	-	-	-	-	-	-
493 Safety, Environmental & Statutory	-	-	0.08	-0.01	-	-	-	-	-	-	-	-
494 Corporate	-	-	-	-	-	-	-	-	-	-	-	-
495 IT	-	-	-	-	-	-	-	-	-	-	-	-
496 Business Support	-	-	-	-	-	-	-	-	-	-	-	-
497 Equity Raising Costs	-	-	-	-	-	-	-	-	-	-	-	-
498 Total	96.98	107.22	79.51	92.56	93.44	86.37	102.87	81.84	70.81	76.57		
499 [APPROVED] Cash Contributions by asset class(\$M real 30/06/2017)	Approved AA3											
500 Wooden Pole Lines	10.96	10.90	11.24	11.54	12.09							
501 Underground Cables	40.45	30.15	21.30	21.88	22.92							
502 Transformers	46.58	43.27	41.69	42.82	44.84							
503 Switchgear	14.06	12.71	11.89	12.21	12.79							
504 Street lighting	1.37	0.96	0.60	0.62	0.65							
505 Meters and Services	-	-	-	-	-							
506 IT	-	-	-	-	-							
507 SCADA & Communications	-	-	-	-	-							
508 Other Distribution Non-Network	-	-	-	-	-							
509 Distribution Land & Easements	-	-	-	-	-							
510 Equity Raising Costs	-	-	-	-	-							
511 Total	113.41	97.99	86.72	89.07	93.28							
512 [ACTUAL] Cash Contributions by asset class(\$M real 30/06/2017)	Actual AA3					Proposed AA4						
513 Wooden Pole Lines	10.7	12.3	8.6	10.8	11.1	8.25	9.69	8.07	8.18	8.29		
514 Underground Cables	29.7	29.6	22.2	24.3	24.3	28.73	35.17	26.29	18.31	21.84		
515 Transformers	42.6	47.4	33.8	41.3	42.1	34.54	40.99	33.24	31.18	32.60		
516 Switchgear	12.5	13.8	9.9	11.9	12.1	10.37	12.36	9.91	9.00	9.54		
517 Street lighting	0.9	0.9	0.7	0.7	0.7	0.96	1.18	0.87	0.55	0.69		
518 Meters and Services	0.4	3.2	4.3	3.5	3.1	3.52	3.47	3.46	3.59	3.61		
519 IT	-	-	-	-	-	-	-	-	-	-		
520 SCADA & Communications	-	-	-	-	-	-	-	-	-	-		
521 Other Distribution Non-Network	-	-	-	-	-	-	-	-	-	-		
522 Distribution Land & Easements	-	-	-	-	-	-	-	-	-	-		
523 Equity Raising Costs	-	-	-	-	-	-	-	-	-	-		
524 Total	97.0	107.2	79.5	92.6	93.4	86.37	102.87	81.84	70.81	76.57		
525												
526 Approved ICB Depreciation	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
527 [APPROVED] ICB Depreciation (\$M real 2012)	Approved AA3											
528 Wooden Pole Lines	-36.25	-35.90	-35.85	-35.85	-35.85							
529 Underground Cables	-16.96	-16.96	-16.96	-16.96	-16.96							
530 Transformers	-13.72	-13.65	-13.64	-13.64	-13.64							
531 Switchgear	-9.28	-9.25	-9.25	-9.25	-9.25							
532 Street lighting	-	-	-	-	-							

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Distribution Input

	2	3	17	18	19	20	21	22	23	24	25	26	
4 Year Ending 30 June			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
5 Project Year		7	8	9	10	11	12	13	14	15	16		
6 Regulatory Period			AA3					AA4					
533 Meters and Services			-21.38	-21.38	-21.38	-4.28	-						
534 IT			-1.59	-1.59	-1.59	-1.28	-						
535 SCADA & Communications			-1.47	-1.47	-1.47	-1.47	-0.29						
536 Other Distribution Non-Network			-5.30	-5.30	-5.30	-5.30	-5.30						
537 Distribution Land & Easements			-	-	-	-	-						
538 Equity Raising Costs			-	-	-	-	-						
539 Total			-105.94	-105.50	-105.43	-88.01	-81.28						
540 [APPROVED]ICB Depreciation (\$M real 2017)													
541 Wooden Pole Lines			-39.96	-39.59	-39.53	-39.53	-39.53						
542 Underground Cables			-18.70	-18.70	-18.70	-18.70	-18.70						
543 Transformers			-15.12	-15.05	-15.04	-15.04	-15.04						
544 Switchgear			-10.23	-10.20	-10.19	-10.19	-10.19						
545 Street lighting			-	-	-	-	-						
546 Meters and Services			-23.57	-23.57	-23.57	-4.71	-						
547 IT			-1.76	-1.76	-1.76	-1.41	-						
548 SCADA & Communications			-1.62	-1.62	-1.62	-1.62	-0.32						
549 Other Distribution Non-Network			-5.84	-5.84	-5.84	-5.84	-5.84						
550 Distribution Land & Easements			-	-	-	-	-						
551 Equity Raising Costs			-	-	-	-	-						
552 Total			-116.81	-116.32	-116.25	-97.04	-89.62						
553 Approved TAX ICB Depreciation			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
554 [APPROVED] TAX ICB Depreciation (\$M Nominal)			Approved AA3										
555 Wooden Pole Lines			-58.57	-59.74	-58.87	-58.59	-57.92						
556 Underground Cables			-0.45	-2.18	-2.15	-2.14	-2.12						
557 Transformers			-0.16	-0.80	-0.78	-0.78	-0.77						
558 Switchgear			-0.17	-0.85	-0.83	-0.83	-0.82						
559 Street lighting			-2.10	-2.75	-2.71	-2.70	-2.67						
560 Meters and Services			-0.01	-0.13	-0.13	-0.13	-0.12						
561 IT			-1.87	-7.71	-7.59	-7.57	-5.77						
562 SCADA & Communications			-2.00	-2.16	-1.72	-1.35	-1.31						
563 Other Distribution Non-Network			-18.45	-8.63	-6.08	-5.90	-5.76						
564 Distribution Land & Easements			-	-	-	-	-						
565 Equity Raising Costs			-	-	-	-	-						
566 Total			-83.77	-84.93	-80.86	-80.00	-77.28						
567 Approved CAPEX Depreciation			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
568 Total Approved Capex Depreciation													
569 Wooden Pole Lines			-21.16	-27.36	-34.19	-41.36	-48.51						
570 Underground Cables			-15.40	-16.58	-17.73	-18.87	-20.01						
571 Transformers			-9.46	-12.94	-16.32	-19.67	-22.81						
572 Switchgear			-9.40	-11.23	-13.03	-14.82	-16.41						
573 Street lighting			-5.07	-5.29	-5.49	-5.69	-5.87						
574 Meters and Services			-3.27	-3.87	-6.28	-8.73	-10.87						

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Distribution Input

	2	3	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5	Project Year		7	8	9	10	11	12	13	14	15	16
6	Regulatory Period		AA3					AA4				
575	IT		-13.42	-17.70	-21.83	-24.24	-26.76					
576	SCADA & Communications		-1.75	-2.34	-3.79	-5.40	-6.48					
577	Other Distribution Non-Network		-9.27	-11.28	-13.25	-14.61	-15.99					
578	Distribution Land & Easements		0.00	0.00	0.00	0.00	0.00					
579	Equity Raising Costs		0.00	-0.11	-0.21	-0.29	-0.32					
580	Total		-88.19	-108.71	-132.11	-153.69	-174.02					
581	[APPROVED] 2006 CAPEX Depreciation (\$M real 2012)											
582	Wooden Pole Lines		-2.28	-2.28	-2.28	-2.28	-2.28					
583	Underground Cables		-2.95	-2.95	-2.95	-2.95	-2.95					
584	Transformers		-1.68	-1.68	-1.68	-1.68	-1.68					
585	Switchgear		-1.29	-1.29	-1.29	-1.29	-1.29					
586	Street lighting		-0.89	-0.89	-0.89	-0.89	-0.89					
587	Meters and Services		-0.46	-0.46	-0.46	-0.46	-0.46					
588	IT		-1.71	-1.71	-1.71	-1.71	-1.71					
589	SCADA & Communications		-0.23	-0.23	-0.23	-0.23	-0.23					
590	Other Distribution Non-Network		-0.79	-0.79	-0.79	-0.79	-0.79					
591	Distribution Land & Easements		-	-	-	-	-					
592	Equity Raising Costs		-	-	-	-	-					
593	Total		-12.27	-12.27	-12.27	-12.27	-12.27					
594	[APPROVED]2006 CAPEX Depreciation (\$M real 2017)											
595	Wooden Pole Lines		-2.51	-2.51	-2.51	-2.51	-2.51					
596	Underground Cables		-3.26	-3.26	-3.26	-3.26	-3.26					
597	Transformers		-1.85	-1.85	-1.85	-1.85	-1.85					
598	Switchgear		-1.43	-1.43	-1.43	-1.43	-1.43					
599	Street lighting		-0.98	-0.98	-0.98	-0.98	-0.98					
600	Meters and Services		-0.50	-0.50	-0.50	-0.50	-0.50					
601	IT		-1.89	-1.89	-1.89	-1.89	-1.89					
602	SCADA & Communications		-0.25	-0.25	-0.25	-0.25	-0.25					
603	Other Distribution Non-Network		-0.87	-0.87	-0.87	-0.87	-0.87					
604	Distribution Land & Easements		-	-	-	-	-					
605	Equity Raising Costs		-	-	-	-	-					
606	Total		-13.53	-13.53	-13.53	-13.53	-13.53					
607	[APPROVED]2007 CAPEX Depreciation (\$M real 2012)											
608	Wooden Pole Lines		-2.76	-2.76	-2.76	-2.76	-2.76					
609	Underground Cables		-2.82	-2.82	-2.82	-2.82	-2.82					
610	Transformers		-1.60	-1.60	-1.60	-1.60	-1.60					
611	Switchgear		-1.46	-1.46	-1.46	-1.46	-1.46					
612	Street lighting		-0.86	-0.86	-0.86	-0.86	-0.86					
613	Meters and Services		-0.49	-0.49	-0.49	-0.49	-0.49					
614	IT		-3.44	-3.44	-3.44	-3.44	-3.44					
615	SCADA & Communications		-0.23	-0.23	-0.23	-0.23	-0.23					
616	Other Distribution Non-Network		-0.79	-0.79	-0.79	-0.79	-0.79					

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Distribution Input

	2	3	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5 Project Year		7	8	9	10	11	12	13	14	15	16	16
6 Regulatory Period			AA3					AA4				
617 Distribution Land & Easements			-	-	-	-	-					
618 Equity Raising Costs			-	-	-	-	-					
619 Total			-14.45	-14.45	-14.45	-14.45	-14.45					
620 [APROVED]2007 CAPEX Depreciation (\$M real 2017)												
621 Wooden Pole Lines			-3.04	-3.04	-3.04	-3.04	-3.04					
622 Underground Cables			-3.10	-3.10	-3.10	-3.10	-3.10					
623 Transformers			-1.76	-1.76	-1.76	-1.76	-1.76					
624 Switchgear			-1.61	-1.61	-1.61	-1.61	-1.61					
625 Street lighting			-0.95	-0.95	-0.95	-0.95	-0.95					
626 Meters and Services			-0.54	-0.54	-0.54	-0.54	-0.54					
627 IT			-3.79	-3.79	-3.79	-3.79	-3.79					
628 SCADA & Communications			-0.26	-0.26	-0.26	-0.26	-0.26					
629 Other Distribution Non-Network			-0.88	-0.88	-0.88	-0.88	-0.88					
630 Distribution Land & Easements			-	-	-	-	-					
631 Equity Raising Costs			-	-	-	-	-					
632 Total			-15.93	-15.93	-15.93	-15.93	-15.93					
633 [APROVED]2008 CAPEX Depreciation (\$M real 2012)												
634 Wooden Pole Lines			-3.84	-3.84	-3.84	-3.84	-3.84					
635 Underground Cables			-3.85	-3.85	-3.85	-3.85	-3.85					
636 Transformers			-2.29	-2.29	-2.29	-2.29	-2.29					
637 Switchgear			-2.09	-2.09	-2.09	-2.09	-2.09					
638 Street lighting			-1.27	-1.27	-1.27	-1.27	-1.27					
639 Meters and Services			-0.55	-0.55	-0.55	-0.55	-0.55					
640 IT			-1.99	-1.99	-1.99	-1.99	-1.99					
641 SCADA & Communications			-0.23	-0.23	-0.23	-0.23	-0.23					
642 Other Distribution Non-Network			-2.36	-2.36	-2.36	-2.36	-2.36					
643 Distribution Land & Easements			-	-	-	-	-					
644 Equity Raising Costs			-	-	-	-	-					
645 Total			-18.44	-18.44	-18.44	-18.44	-18.44					
646 [APROVED]2008 CAPEX Depreciation (\$M real 2017)												
647 Wooden Pole Lines			-4.23	-4.23	-4.23	-4.23	-4.23					
648 Underground Cables			-4.24	-4.24	-4.24	-4.24	-4.24					
649 Transformers			-2.52	-2.52	-2.52	-2.52	-2.52					
650 Switchgear			-2.30	-2.30	-2.30	-2.30	-2.30					
651 Street lighting			-1.40	-1.40	-1.40	-1.40	-1.40					
652 Meters and Services			-0.60	-0.60	-0.60	-0.60	-0.60					
653 IT			-2.19	-2.19	-2.19	-2.19	-2.19					
654 SCADA & Communications			-0.25	-0.25	-0.25	-0.25	-0.25					
655 Other Distribution Non-Network			-2.60	-2.60	-2.60	-2.60	-2.60					
656 Distribution Land & Easements			-	-	-	-	-					
657 Equity Raising Costs			-	-	-	-	-					
658 Total			-20.33	-20.33	-20.33	-20.33	-20.33					

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Distribution Input

2	3	17	18	19	20	21	22	23	24	25	26	
4 Year Ending 30 June		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
5 Project Year	7	8	9	10	11	12	13	14	15	16		
6 Regulatory Period		AA3					AA4					
659	[APROVED]2009 CAPEX Depreciation (\$M real 2012)											
660	Wooden Pole Lines	-3.56	-3.56	-3.56	-3.56	-3.56						
661	Underground Cables	-2.21	-2.21	-2.21	-2.21	-2.21						
662	Transformers	-1.35	-1.35	-1.35	-1.35	-1.35						
663	Switchgear	-1.42	-1.42	-1.42	-1.42	-1.42						
664	Street lighting	-0.72	-0.72	-0.72	-0.72	-0.72						
665	Meters and Services	-0.46	-0.46	-0.46	-0.46	-0.46						
666	IT	-1.23	-1.23	-1.23	-1.23	-1.23						
667	SCADA & Communications	-0.29	-0.29	-0.29	-0.29	-0.29						
668	Other Distribution Non-Network	-1.09	-1.09	-1.09	-1.09	-1.09						
669	Distribution Land & Easements	-	-	-	-	-						
670	Equity Raising Costs	-	-	-	-	-						
671	Total	-12.34	-12.34	-12.34	-12.34	-12.34						
672	[APROVED]2009 CAPEX Depreciation (\$M real 2017)											
673	Wooden Pole Lines	-3.93	-3.93	-3.93	-3.93	-3.93						
674	Underground Cables	-2.44	-2.44	-2.44	-2.44	-2.44						
675	Transformers	-1.49	-1.49	-1.49	-1.49	-1.49						
676	Switchgear	-1.56	-1.56	-1.56	-1.56	-1.56						
677	Street lighting	-0.79	-0.79	-0.79	-0.79	-0.79						
678	Meters and Services	-0.51	-0.51	-0.51	-0.51	-0.51						
679	IT	-1.35	-1.35	-1.35	-1.35	-1.35						
680	SCADA & Communications	-0.32	-0.32	-0.32	-0.32	-0.32						
681	Other Distribution Non-Network	-1.21	-1.21	-1.21	-1.21	-1.21						
682	Distribution Land & Easements	-	-	-	-	-						
683	Equity Raising Costs	-	-	-	-	-						
684	Total	-13.61	-13.61	-13.61	-13.61	-13.61						
685	[APROVED]2010 CAPEX Depreciation (\$M real 2012)											
686	Wooden Pole Lines	-3.37	-3.37	-3.37	-3.37	-3.37						
687	Underground Cables	-1.97	-1.97	-1.97	-1.97	-1.97						
688	Transformers	-1.32	-1.32	-1.32	-1.32	-1.32						
689	Switchgear	-1.39	-1.39	-1.39	-1.39	-1.39						
690	Street lighting	-0.72	-0.72	-0.72	-0.72	-0.72						
691	Meters and Services	-0.65	-0.65	-0.65	-0.65	-0.65						
692	IT	-2.18	-2.18	-2.18	-2.18	-2.18						
693	SCADA & Communications	-0.29	-0.29	-0.29	-0.29	-0.29						
694	Other Distribution Non-Network	-2.00	-2.00	-2.00	-2.00	-2.00						
695	Distribution Land & Easements	-	-	-	-	-						
696	Equity Raising Costs	-	-	-	-	-						
697	Total	-13.89	-13.89	-13.89	-13.89	-13.89						
698	[APROVED]2010 CAPEX Depreciation (\$M real 2017)											
699	Wooden Pole Lines	-3.72	-3.72	-3.72	-3.72	-3.72						
700	Underground Cables	-2.18	-2.18	-2.18	-2.18	-2.18						

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Distribution Input

2	3	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5 Project Year		7	8	9	10	11	12	13	14	15	16
6 Regulatory Period		AA3					AA4				
701	Transformers	-1.45	-1.45	-1.45	-1.45	-1.45					
702	Switchgear	-1.54	-1.54	-1.54	-1.54	-1.54					
703	Street lighting	-0.79	-0.79	-0.79	-0.79	-0.79					
704	Meters and Services	-0.72	-0.72	-0.72	-0.72	-0.72					
705	IT	-2.40	-2.40	-2.40	-2.40	-2.40					
706	SCADA & Communications	-0.32	-0.32	-0.32	-0.32	-0.32					
707	Other Distribution Non-Network	-2.20	-2.20	-2.20	-2.20	-2.20					
708	Distribution Land & Easements	-	-	-	-	-					
709	Equity Raising Costs	-	-	-	-	-					
710	Total	-15.32	-15.32	-15.32	-15.32	-15.32					
711	[APROVED]2011 CAPEX Depreciation (\$M real 2012)										
712	Wooden Pole Lines	-5.35	-5.35	-5.35	-5.35	-5.35					
713	Underground Cables	-1.60	-1.60	-1.60	-1.60	-1.60					
714	Transformers	-1.24	-1.24	-1.24	-1.24	-1.24					
715	Switchgear	-1.74	-1.74	-1.74	-1.74	-1.74					
716	Street lighting	-0.61	-0.61	-0.61	-0.61	-0.61					
717	Meters and Services	-0.67	-0.67	-0.67	-0.67	-0.67					
718	IT	-2.88	-2.88	-2.88	-2.88	-2.88					
719	SCADA & Communications	-0.49	-0.49	-0.49	-0.49	-0.49					
720	Other Distribution Non-Network	-2.24	-2.24	-2.24	-2.24	-2.24					
721	Distribution Land & Easements	-	-	-	-	-					
722	Equity Raising Costs	-	-	-	-	-					
723	Total	-16.80	-16.80	-16.80	-16.80	-16.80					
724	[APROVED]2011 CAPEX Depreciation (\$M real 2017)										
725	Wooden Pole Lines	-5.90	-5.90	-5.90	-5.90	-5.90					
726	Underground Cables	-1.76	-1.76	-1.76	-1.76	-1.76					
727	Transformers	-1.36	-1.36	-1.36	-1.36	-1.36					
728	Switchgear	-1.92	-1.92	-1.92	-1.92	-1.92					
729	Street lighting	-0.67	-0.67	-0.67	-0.67	-0.67					
730	Meters and Services	-0.73	-0.73	-0.73	-0.73	-0.73					
731	IT	-3.17	-3.17	-3.17	-3.17	-3.17					
732	SCADA & Communications	-0.54	-0.54	-0.54	-0.54	-0.54					
733	Other Distribution Non-Network	-2.47	-2.47	-2.47	-2.47	-2.47					
734	Distribution Land & Easements	-	-	-	-	-					
735	Equity Raising Costs	-	-	-	-	-					
736	Total	-18.52	-18.52	-18.52	-18.52	-18.52					
737	[APROVED]2012 CAPEX Depreciation (\$M real 2012)										
738	Wooden Pole Lines	-	-6.20	-6.20	-6.20	-6.20					
739	Underground Cables	-	-1.18	-1.18	-1.18	-1.18					
740	Transformers	-	-3.48	-3.48	-3.48	-3.48					
741	Switchgear	-	-1.84	-1.84	-1.84	-1.84					
742	Street lighting	-	-0.22	-0.22	-0.22	-0.22					

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Distribution Input

2	3	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5 Project Year	7	8	9	10	11	12	13	14	15	16	16
6 Regulatory Period		AA3					AA4				
743 Meters and Services		-	-0.60	-0.60	-0.60	-0.60					
744 IT		-	-4.28	-4.28	-4.28	-4.28					
745 SCADA & Communications		-	-0.59	-0.59	-0.59	-0.59					
746 Other Distribution Non-Network		-	-2.01	-2.01	-2.01	-2.01					
747 Distribution Land & Easements		-	-	-	-	-					
748 Equity Raising Costs		-	-0.11	-0.11	-0.11	-0.11					
749 Total		-	-20.52	-20.52	-20.52	-20.52					
750 [APPROVED]2012 CAPEX Depreciation (\$M real 2017)											
751 Wooden Pole Lines		-	-6.84	-6.84	-6.84	-6.84					
752 Underground Cables		-	-1.30	-1.30	-1.30	-1.30					
753 Transformers		-	-3.83	-3.83	-3.83	-3.83					
754 Switchgear		-	-2.02	-2.02	-2.02	-2.02					
755 Street lighting		-	-0.24	-0.24	-0.24	-0.24					
756 Meters and Services		-	-0.67	-0.67	-0.67	-0.67					
757 IT		-	-4.72	-4.72	-4.72	-4.72					
758 SCADA & Communications		-	-0.65	-0.65	-0.65	-0.65					
759 Other Distribution Non-Network		-	-2.22	-2.22	-2.22	-2.22					
760 Distribution Land & Easements		-	-	-	-	-					
761 Equity Raising Costs		-	-0.13	-0.13	-0.13	-0.13					
762 Total		-	-22.62	-22.62	-22.62	-22.62					
763 [APPROVED]2013 CAPEX Depreciation (\$M real 2012)											
764 Wooden Pole Lines		-	-	-6.83	-6.83	-6.83					
765 Underground Cables		-	-	-1.14	-1.14	-1.14					
766 Transformers		-	-	-3.38	-3.38	-3.38					
767 Switchgear		-	-	-1.79	-1.79	-1.79					
768 Street lighting		-	-	-0.21	-0.21	-0.21					
769 Meters and Services		-	-	-2.41	-2.41	-2.41					
770 IT		-	-	-4.12	-4.12	-4.12					
771 SCADA & Communications		-	-	-1.45	-1.45	-1.45					
772 Other Distribution Non-Network		-	-	-1.97	-1.97	-1.97					
773 Distribution Land & Easements		-	-	-	-	-					
774 Equity Raising Costs		-	-	-0.10	-0.10	-0.10					
775 Total		-	-	-23.39	-23.39	-23.39					
776 [APPROVED]2013 CAPEX Depreciation (\$M real 2017)											
777 Wooden Pole Lines		-	-	-7.53	-7.53	-7.53					
778 Underground Cables		-	-	-1.26	-1.26	-1.26					
779 Transformers		-	-	-3.72	-3.72	-3.72					
780 Switchgear		-	-	-1.98	-1.98	-1.98					
781 Street lighting		-	-	-0.23	-0.23	-0.23					
782 Meters and Services		-	-	-2.65	-2.65	-2.65					
783 IT		-	-	-4.55	-4.55	-4.55					
784 SCADA & Communications		-	-	-1.60	-1.60	-1.60					

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Distribution Input

	2	3	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5	Project Year		7	8	9	10	11	12	13	14	15	16
6	Regulatory Period		AA3			AA4						
785	Other Distribution Non-Network		-	-	-2.17	-2.17	-2.17					
786	Distribution Land & Easements		-	-	-	-	-					
787	Equity Raising Costs		-	-	-0.11	-0.11	-0.11					
788	Total		-	-	-25.79	-25.79	-25.79					
789	[APROVED]2014 CAPEX Depreciation (\$M real 2012)											
790	Wooden Pole Lines		-	-	-	-7.17	-7.17					
791	Underground Cables		-	-	-	-1.14	-1.14					
792	Transformers		-	-	-	-3.35	-3.35					
793	Switchgear		-	-	-	-1.79	-1.79					
794	Street lighting		-	-	-	-0.20	-0.20					
795	Meters and Services		-	-	-	-2.46	-2.46					
796	IT		-	-	-	-2.41	-2.41					
797	SCADA & Communications		-	-	-	-1.61	-1.61					
798	Other Distribution Non-Network		-	-	-	-1.36	-1.36					
799	Distribution Land & Easements		-	-	-	-	-					
800	Equity Raising Costs		-	-	-	-0.08	-0.08					
801	Total		-	-	-	-21.58	-21.58					
802	[APROVED]2014 CAPEX Depreciation (\$M real 2017)											
803	Wooden Pole Lines		-	-	-	-7.91	-7.91					
804	Underground Cables		-	-	-	-1.26	-1.26					
805	Transformers		-	-	-	-3.70	-3.70					
806	Switchgear		-	-	-	-1.98	-1.98					
807	Street lighting		-	-	-	-0.22	-0.22					
808	Meters and Services		-	-	-	-2.71	-2.71					
809	IT		-	-	-	-2.66	-2.66					
810	SCADA & Communications		-	-	-	-1.77	-1.77					
811	Other Distribution Non-Network		-	-	-	-1.50	-1.50					
812	Distribution Land & Easements		-	-	-	-	-					
813	Equity Raising Costs		-	-	-	-0.09	-0.09					
814	Total		-	-	-	-23.79	-23.79					
815	[APROVED]2015 CAPEX Depreciation (\$M real 2012)											
816	Wooden Pole Lines		-	-	-	-	-7.15					
817	Underground Cables		-	-	-	-	-1.14					
818	Transformers		-	-	-	-	-3.14					
819	Switchgear		-	-	-	-	-1.59					
820	Street lighting		-	-	-	-	-0.18					
821	Meters and Services		-	-	-	-	-2.13					
822	IT		-	-	-	-	-2.52					
823	SCADA & Communications		-	-	-	-	-1.08					
824	Other Distribution Non-Network		-	-	-	-	-1.38					
825	Distribution Land & Easements		-	-	-	-	-					
826	Equity Raising Costs		-	-	-	-	-0.03					

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Distribution Input

	2	3	17	18	19	20	21	22	23	24	25	26	
4	Year Ending 30 June		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
5	Project Year		7	8	9	10	11	12	13	14	15	16	
6	Regulatory Period		AA3					AA4					
827	Total		-	-	-	-	-20.34						
828	[APROVED]2015 CAPEX Depreciation (\$M real 2017)												
829	Wooden Pole Lines		-	-	-	-	-7.88						
830	Underground Cables		-	-	-	-	-1.25						
831	Transformers		-	-	-	-	-3.47						
832	Switchgear		-	-	-	-	-1.75						
833	Street lighting		-	-	-	-	-0.20						
834	Meters and Services		-	-	-	-	-2.35						
835	IT		-	-	-	-	-2.78						
836	SCADA & Communications		-	-	-	-	-1.19						
837	Other Distribution Non-Network		-	-	-	-	-1.52						
838	Distribution Land & Easements		-	-	-	-	-						
839	Equity Raising Costs		-	-	-	-	-0.04						
840	Total		-	-	-	-	-22.42						
841	Accelerated Deprecation		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
842	[APROVED] Accelerated Depreciation (Real \$m 2012)		Approved AA3 2012\$m										
843	Wooden Pole Lines		2.584	0.347	-	-	-						
844	Underground Cables		-	-	-	-	-						
845	Transformers		0.689	0.092	-	-	-						
846	Switchgear		0.172	0.023	-	-	-						
847	Street lighting		-	-	-	-	-						
848	Meters and Services		-	-	-	-	-						
849	IT		-	-	-	-	-						
850	SCADA & Communications		-	-	-	-	-						
851	Other Distribution Non-Network		-	-	-	-	-						
852	Distribution Land & Easements		-	-	-	-	-						
853	Equity Raising Costs		-	-	-	-	-						
854	Total		3.445	0.462	-	-	-						
855													
856	[APROVED] Accelerated Depreciation (Real \$m 2017)		Approved AA3										
857	Wooden Pole Lines		2.849	0.382	-	-	-						
858	Underground Cables		-	-	-	-	-						
859	Transformers		0.760	0.102	-	-	-						
860	Switchgear		0.190	0.025	-	-	-						
861	Street lighting		-	-	-	-	-						
862	Meters and Services		-	-	-	-	-						
863	IT		-	-	-	-	-						
864	SCADA & Communications		-	-	-	-	-						
865	Other Distribution Non-Network		-	-	-	-	-						
866	Distribution Land & Easements		-	-	-	-	-						
867	Equity Raising Costs		-	-	-	-	-						
868	Total		3.799	0.510	-	-	-						

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Distribution Input

	2	3	17	18	19	20	21	22	23	24	25	26	
4 Year Ending 30 June	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022			
5 Project Year	7	8	9	10	11	12	13	14	15	16			
6 Regulatory Period	AA3					AA4							
869													
870	[APROVED] Accelerated Depreciation (\$M real 2017)	Approved AA3					Proposed AA4						
871	Wooden Pole Lines	2.849	0.382	-	-	-							
872	Underground Cables	-	-	-	-	-							
873	Transformers	0.760	0.102	-	-	-							
874	Switchgear	0.190	0.025	-	-	-							
875	Street lighting	-	-	-	-	-							
876	Meters and Services	-	-	-	-	-							
877	IT	-	-	-	-	-							
878	SCADA & Communications	-	-	-	-	-							
879	Other Distribution Non-Network	-	-	-	-	-							
880	Distribution Land & Easements	-	-	-	-	-							
881	Equity Raising Costs	-	-	-	-	-							
882	Total	3.799	0.510	-	-	-							
883	Difference												
884	Redundant Asset	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
885	[ACTUAL] Redundant Asset (\$M Nominal)	Actual AA3											
886	Wooden Pole Lines		0.254	1.243	2.758								
887	Underground Cables												
888	Transformers												
889	Switchgear												
890	Street lighting												
891	Meters and Services												
892	IT												
893	SCADA & Communications												
894	Other Distribution Non-Network					0.356							
895	Distribution Land & Easements	0.862	0.031	3.546		0.264							
896	Equity Raising Costs												
897	Total	0.86	0.29	4.79	2.76	0.62							
898	[ACTUAL] Redundant Asset (\$M real 2017)	Actual AA3											
899	Wooden Pole Lines	-	0.266	1.280	2.811	-							
900	Underground Cables	-	-	-	-	-							
901	Transformers	-	-	-	-	-							
902	Switchgear	-	-	-	-	-							
903	Street lighting	-	-	-	-	-							
904	Meters and Services	-	-	-	-	-							
905	IT	-	-	-	-	-							
906	SCADA & Communications	-	-	-	-	-							
907	Other Distribution Non-Network	-	-	-	-	0.356							
908	Distribution Land & Easements	0.928	0.032	3.652	-	0.264							
909	Equity Raising Costs	-	-	-	-	-							
910	Total	0.928	0.298	4.932	2.811	0.620							

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Distribution Input

	2	3	17	18	19	20	21	22	23	24	25	26	
4	Year Ending 30 June												
5	Project Year												
6	Regulatory Period												
911	AA3					AA4							
912	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022			
913	Approved AA3 real\$2012												
913	Reliability	1.87	1.88	1.90	1.92	1.97							
914	SCADA & Communications	5.08	5.13	5.18	5.22	5.37							
915	Non-revenue cap services	-	-	-	-	-							
916	Network Operations	14.83	14.87	14.93	14.93	14.91							
917	Smartgrid	5.03	4.01	4.81	6.28	7.66							
918	Maintenance Strategy	-	-	-	-	-							
919	Preventive Condition	59.65	60.00	60.44	50.24	52.32							
920	Preventive Routine	44.83	46.71	47.19	47.60	48.85							
921	Corrective Deferred	31.41	31.70	32.04	32.32	33.18							
922	Corrective Emergency	74.06	74.65	75.35	75.95	78.08							
923	Call Centre	7.32	7.47	7.62	7.76	7.88							
924	Metering	20.32	20.72	21.14	21.49	21.86							
925	Guaranteed service level payments	1.71	1.71	1.70	1.69	1.68							
926	Design & Estimating - Distribution Quotations	4.20	4.19	4.31	4.30	4.30							
927	Business Support	67.46	67.31	66.61	68.87	69.40							
928	IT	-	-	-	-	-							
929	Non-recurring opex	10.56	11.44	4.58	4.72	4.85							
930	Total	348.33	351.79	347.81	343.29	352.29							
931	[ACTUAL] OPEX (\$M Nominal)												
		Actual AA3					Proposed AA4						
932	Reliability	1.718	1.433	1.781	1.957	1.452	1.384	1.376	1.383	1.448	1.467		
933	SCADA & Communications	4.623	4.702	5.399	5.632	5.541	2.641	2.626	2.640	2.763	2.799		
934	Non-revenue cap services	19.006	12.181	12.765	11.955	13.206	-	-	-	-	-		
935	Network Operations	17.633	14.969	16.420	16.041	14.845	14.606	14.773	14.954	15.143	15.341		
936	Smartgrid	3.707	2.197	0.005	-	-	-	-	-	-	-		
937	Maintenance Strategy	-	-	-	-	-	-	-	-	-	-		
938	Preventive Condition	59.119	47.425	47.166	40.534	25.265	24.524	24.389	24.515	25.663	25.996		
939	Preventive Routine	43.259	48.296	50.221	52.355	54.741	51.892	51.605	51.872	54.302	55.006		
940	Corrective Deferred	27.852	26.352	26.331	24.350	16.653	15.891	15.803	15.885	16.629	16.844		
941	Corrective Emergency	81.249	84.289	81.054	79.166	68.731	60.781	60.446	60.758	63.605	64.429		
942	Call Centre	7.165	5.344	4.274	3.708	3.866	3.912	3.956	4.005	4.056	4.109		
943	Metering	25.090	23.926	21.120	16.691	14.783	12.188	12.279	12.409	12.664	12.829		
944	Guaranteed service level payments	-	0.892	1.212	0.746	1.011	1.022	1.034	1.047	1.060	1.074		
945	Design & Estimating - Distribution Quotations	7.793	6.333	4.234	5.468	6.682	6.092	6.058	6.089	6.375	6.457		
946	Business Support	60.435	79.360	66.937	109.413	112.981	61.548	61.874	62.632	63.424	64.662		
947	IT	-	-	-	-	-	-	-	-	-	-		
948	Non-recurring opex	16.547	13.386	12.653	10.014	11.371	12.188	12.121	12.184	12.755	12.920		
949	Total	374.30	371.41	350.97	378.03	351.13	268.668	268.340	270.372	279.886	283.932		
950													
951	[APPROVED] OPEX (\$M real 30/06/2017)												
		Approved AA3											

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Distribution Input

	2	3	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
5 Project Year	7	8	9	10	11	12	13	14	15	16		
6 Regulatory Period	AA3					AA4						
952 Reliability	2.06	2.07	2.10	2.11	2.17							
953 SCADA & Communications	5.61	5.66	5.71	5.76	5.92							
954 Non-revenue cap services	-	-	-	-	-							
955 Network Operations	16.35	16.40	16.46	16.46	16.44							
956 Smartgrid	5.54	4.42	5.30	6.92	8.44							
957 Maintenance Strategy	-	-	-	-	-							
958 Preventive Condition	65.77	66.16	66.64	55.40	57.68							
959 Preventive Routine	49.43	51.50	52.03	52.49	53.86							
960 Corrective Deferred	34.63	34.95	35.32	35.64	36.58							
961 Corrective Emergency	81.66	82.31	83.08	83.74	86.09							
962 Call Centre	8.07	8.23	8.41	8.55	8.69							
963 Metering	22.41	22.85	23.31	23.70	24.10							
964 Guaranteed service level payments	1.89	1.88	1.88	1.87	1.85							
965 Design & Estimating - Distribution Quotations	4.63	4.62	4.75	4.74	4.74							
966 Business Support	74.39	74.22	73.45	75.93	76.52							
967 IT	-	-	-	-	-							
968 Non-recurring opex	11.64	12.62	5.05	5.20	5.34							
969 Total	384.06	387.88	383.49	378.51	388.43							
970 [ACTUAL] OPEX (\$M real 30/06/2017)	Actual AA3					Proposed AA4						
971 Reliability	1.85	1.50	1.83	1.99	1.45	1.36	1.33	1.31	1.35	1.34		
972 SCADA & Communications	4.98	4.92	5.56	5.74	5.54	2.59	2.53	2.50	2.57	2.56		
973 Non-revenue cap services	20.47	12.73	13.14	12.19	13.21	-	-	-	-	-		
974 Network Operations	18.99	15.65	16.91	16.35	14.85	14.34	14.24	14.16	14.08	14.00		
975 Smartgrid	3.99	2.30	0.01	-	-	-	-	-	-	-		
976 Maintenance Strategy	-	-	-	-	-	-	-	-	-	-		
977 Preventive Condition	63.66	49.57	48.57	41.32	25.27	24.08	23.52	23.21	23.86	23.73		
978 Preventive Routine	46.58	50.49	51.72	53.37	54.74	50.95	49.76	49.11	50.48	50.21		
979 Corrective Deferred	29.99	27.55	27.11	24.82	16.65	15.60	15.24	15.04	15.46	15.38		
980 Corrective Emergency	87.49	88.11	83.47	80.70	68.73	59.68	58.28	57.52	59.13	58.82		
981 Call Centre	7.72	5.59	4.40	3.78	3.87	3.84	3.81	3.79	3.77	3.75		
982 Metering	27.02	25.01	21.75	17.01	14.78	11.97	11.84	11.75	11.77	11.71		
983 Guaranteed service level payments	-	0.96	1.27	0.63	0.76	1.00	1.00	0.99	0.99	0.98		
984 Design & Estimating - Distribution Quotations	8.39	6.62	4.36	5.57	6.68	5.98	5.84	5.77	5.93	5.89		
985 Business Support	65.08	82.96	68.93	111.53	112.98	60.44	59.66	59.30	58.96	59.03		
986 IT	-	-	-	-	-	-	-	-	-	-		
987 Non-recurring opex	17.82	13.99	13.03	10.21	11.37	11.97	11.69	11.54	11.86	11.79		
988 Total	403.07	388.24	361.41	385.34	351.13	263.81	258.73	255.98	260.20	259.19		
989 Deferred Revenue												
990 Deferred Revenue (\$M real 30/06/2012) at the beginning of AA3		658.55										
991 Deferred Revenue (\$M real 30/06/2017)		726.11										
992 Recovery period (year)		42.00										

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Distribution Input

	2	3	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5 Project Year		7	8	9	10	11	12	13	14	15	16	
6 Regulatory Period			AA3					AA4				
993 Working Capital												
994 Receivables		45.00	Days									
995 TEF		-										
996 Inventory		4%										
997 Prepayment		0%										
998 Creditors		24.20										
999 2017 Closing Balance (\$M Real 30/06/2012)		107.800										
1000 2017 Closing Balance (\$M Real 30/06/2017)		118.86										
1001 Tarriff Equalisation Contribution (TEC)		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
1002		Approved AA3										
1003 Approved TEC (real\$ M 30/06/2017)		150.8	200.5	208.6	168.4	164.9						
1004		Actual AA3					Proposed AA4					
1005 TEC (\$M Nominal)		154.0	209.0	136.0	141.0	150.0	167.0	175.0	162.0	157.0	161.0	
1006												
1007 Energy Transported (GWh)		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
1008		Actual AA3					Proposed AA4					
1009 Actual/Forecasted		13,639	13,665	13,456	13,860	13,769	13,691	13,656	13,505	13,276	13,083	

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Input

	2	3	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5 Project Year		7	8	9	10	11	12	13	14	15	16	
6 Regulatory Period				AA3					AA4			
7 AA1 WP's Forecasted Inflation												
8 June CPI												
9 Forecast Annual Inflation												
10 Inflation Factor												
11 AA2 Actual and WP's Forecasted Inflation												
12 June CPI												
13 Actual & Forecast Annual Inflation												
14 Inflation Factor												
15 AA3 Actual and WP's Forecasted Inflation												
16 June CPI			185.8	190.5	195.2	200.1	205.1					
17 Actual & Forecast Annual Inflation			3.00%	2.50%	2.50%	2.50%	2.50%					
18 Inflation Factor			1.030	1.056	1.082	1.109	1.137					
19 AA4 Actual and Forecasted Inflation												
20 June CPI												
21 June CPI (rebased)			102.8	105.9	107.5	108.6	110.7					
22 Actual & Forecast Inflation			2.39%	3.02%	1.51%	1.02%	1.93%	1.84%	1.84%	1.84%	1.84%	1.84%
23 End of year Inflation factor			0.929	0.957	0.971	0.981	1.000	1.018	1.037	1.056	1.076	1.095
24 Initial Capital Base												
25 Transmission												
39 Total												
40 Asset Allocation												
92												
93 Capital Expenditure			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
94 [APPROVED] Capex by Regulatory category (\$M Real)												
95 Growth			Approved AA3 (\$M Real 30/06/2012)									
96 Capacity Expansion			192.68	271.15	130.34	140.04	221.36					
97 Customer Driven			33.75	58.10	58.64	59.18	60.03					
98 Generation Driven			-	-	-	-	-					
99 Gifted Assets			-	-	-	-	-					
100 Asset replacement and renewal												
101 Asset Replacement			30.38	33.22	33.62	33.94	35.77					
102 Improvement in service												
103 Reliability Driven			-	-	-	-	-					
104 SCADA & Communications			14.05	11.94	13.06	18.71	18.66					
105 Compliance												
106 Safety, Environmental & Statutory			17.91	19.57	24.61	30.15	30.69					
107 Corporate												
108 IT			15.51	14.93	8.74	9.13	9.26					
109 Business Support			12.34	12.06	8.35	8.43	6.95					
110 Equity Raising Costs			0.77	2.30	0.43	1.38	3.45					
111 Total			317.40	423.27	277.80	300.95	386.17					

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Input

	2	3	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5	Project Year		7	8	9	10	11	12	13	14	15	16
6	Regulatory Period		AA3					AA4				
112	[ACTUAL] Capex by Regulatory category (\$M Nominal)		Actual AA3					Proposed AA4 (\$ Nominal)				
113	Growth											
114	Capacity Expansion		113.77	206.21	87.85	27.30	31.28	30.78	31.64	21.18	39.71	31.23
115	Customer Driven		37.63	40.31	- 17.37	5.06	6.47	23.59	23.70	24.06	25.44	26.03
116	Generation Driven		-	-	-	-	-	-	-	-	-	-
117	Gifted Assets		-	-	-	-	-	-	-	-	-	-
118	Asset replacement and renewal											
119	Asset Replacement		26.03	42.59	37.76	40.73	33.36	22.16	37.49	37.97	33.56	40.23
120	Improvement in service											
121	Reliability Driven		1.22	0.27	0.19	-	-	-	-	-	-	-
122	SCADA & Communications		5.67	10.50	12.73	16.46	11.46	14.44	24.80	29.09	27.28	21.54
123	Compliance											
124	Safety, Environmental & Statutory		20.82	18.79	25.40	22.26	21.04	21.18	28.96	25.08	23.36	25.38
125	Corporate											
126	IT		9.44	6.41	9.26	5.17	12.33	11.98	15.96	14.85	10.59	7.49
127	Business Support		10.92	1.80	5.13	7.03	2.27	9.07	16.65	45.13	4.30	3.65
128	Equity Raising Costs		0.50	1.82	0.35	0.68	1.20	-	-	-	-	-
129	Total		226.00	328.70	161.30	124.69	119.39	133.20	179.20	197.37	164.24	155.56
130	[APPROVED] Capex by Regulatory category (\$M Real at 30/06/2017)		Approved AA3									
131	Growth											
132	Capacity Expansion		212.45	298.97	143.71	154.40	244.06					
133	Customer Driven		37.21	64.06	64.65	65.26	66.19					
134	Generation Driven		-	-	-	-	-					
135	Gifted Assets		-	-	-	-	-					
136	Asset replacement and renewal											
137	Asset Replacement		33.50	36.62	37.07	37.42	39.44					
138	Improvement in service											
139	Reliability Driven		-	-	-	-	-					
140	SCADA & Communications		15.49	13.17	14.40	20.62	20.58					
141	Compliance											
142	Safety, Environmental & Statutory		19.75	21.58	27.13	33.25	33.84					
143	Corporate											
144	IT		17.10	16.46	9.63	10.06	10.21					
145	Business Support		13.61	13.30	9.21	9.30	7.67					
146	Equity Raising Costs		0.85	2.54	0.48	1.52	3.81					
147	Total		349.96	466.70	306.29	331.83	425.79					
148	[ACTUAL] Capex by Regulatory category (\$M Real at 30/06/2017)		Actual AA3 (\$M Real at 30/06/2017)					Modelled AA4				
149	Growth											
150	Capacity Expansion		122.51	215.55	90.46	27.83	31.28	30.23	30.51	20.06	36.91	28.51
151	Customer Driven		39.82	42.00	- 19.77	5.11	6.47	23.16	22.85	22.78	23.65	23.76
152	Generation Driven		-	-	-	-	-					

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Input

	2	3	17	18	19	20	21	22	23	24	25	26	
4	Year Ending 30 June		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
5	Project Year	7	8	9	10	11	12	13	14	15	16		
6	Regulatory Period		AA3					AA4					
153	Gifted Assets		-	-	-	-	-						
154	Asset replacement and renewal		-	-	-	-	-						
155	Asset Replacement		28.03	44.52	38.89	41.51	33.36	21.76	36.14	35.95	31.20	36.73	
156	Improvement in service		-	-	-	-	-						
157	Reliability Driven		1.31	0.28	0.19	-	-						
158	SCADA & Communications		6.11	10.98	13.10	16.78	11.46	14.18	23.92	27.55	25.36	19.66	
159	Compliance		-	-	-	-	-						
160	Safety, Environmental & Statutory		22.42	19.64	26.16	22.69	21.04	20.80	27.92	23.74	21.72	23.17	
161	Corporate		-	-	-	-	-						
162	IT		10.17	6.70	9.54	5.27	12.33	11.76	15.39	14.06	9.84	6.84	
163	Business Support		8.77	1.89	5.29	7.17	2.27	8.90	16.05	42.73	3.99	3.33	
164	Equity Raising Costs		0.85	2.54	0.48	1.52	3.81	-	-	-	-	-	
165	Total		239.98	344.09	164.33	127.88	122.00	130.80	172.78	186.87	152.69	142.00	
166	[APPROVED] Capex by asset class (\$M Real at 30/06/2017) including gift		Approved AA3										
167	Transmission cables		30.42	43.77	23.82	25.25	36.87						
168	Transmission steel towers		20.85	30.45	17.84	18.77	26.18						
169	Transmission wood poles		29.16	34.81	33.50	40.08	44.64						
170	Transmission Metering		-	-	-	-	-						
171	Transmission transformers		99.02	137.19	89.52	93.25	122.59						
172	Transmission reactors		11.44	15.33	8.79	9.27	13.22						
173	Transmission capacitors		7.67	11.13	6.32	6.67	9.49						
174	Transmission circuit breakers		38.97	53.72	39.04	40.30	49.79						
175	SCADA and Communications		15.49	13.17	14.40	20.62	20.58						
176	IT		17.10	16.46	9.63	10.06	10.21						
177	Other Non-Network Assets		13.61	13.30	9.21	9.30	7.67						
178	Land & Easements		65.38	94.82	53.74	56.73	80.75						
179	Equity Raising Costs		0.85	2.54	0.48	1.52	3.81						
180	Total		349.96	466.70	306.29	331.83	425.79						
181	[ACTUAL] Capex by asset class (\$M Real at 30/06/2017) including gift		Actual AA3					Proposed AA4					
182	Transmission cables		19.05	31.22	10.03	4.01	4.56	5.80	5.81	4.45	6.70	5.62	
183	Transmission steel towers		13.76	21.56	5.51	2.75	3.16	4.66	4.65	3.79	5.25	4.58	
184	Transmission wood poles		27.84	29.18	30.16	23.92	22.42	22.14	29.27	24.63	23.36	24.43	
185	Transmission Metering		-	-	-	-	-	-	-	-	-	-	
186	Transmission transformers		68.78	108.25	44.29	35.22	31.89	30.54	39.10	35.72	38.42	39.15	
187	Transmission reactors		7.23	12.38	6.67	4.21	3.76	2.87	3.93	3.48	3.84	3.89	
188	Transmission capacitors		4.95	7.90	2.24	1.01	1.16	1.60	1.60	1.28	1.83	1.57	
189	Transmission circuit breakers		29.03	43.87	17.58	17.41	15.32	14.74	19.45	18.36	18.59	19.63	
190	SCADA and Communications		6.11	10.98	13.10	16.78	11.46	14.18	23.92	27.55	25.36	19.66	
191	IT		10.17	6.70	9.54	5.27	12.33	11.76	15.39	14.06	9.84	6.84	
192	Other Non-Network Assets		8.77	1.89	5.29	7.17	2.27	8.90	16.05	42.73	3.99	3.33	
193	Land & Easements		42.13	67.35	19.25	8.62	9.86	13.61	13.61	10.82	15.50	13.30	

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Input

	2	3	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5	Project Year	7	8	9	10	11	12	13	14	15	16	
6	Regulatory Period		AA3				AA4					
194	Equity Raising Costs		0.85	2.54	0.48	1.52	3.81	-	-	-	-	-
195	Total		238.67	343.81	164.14	127.88	122.00	130.80	172.78	186.87	152.69	142.00
196	Capex Adjustment		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
259												
260	[ACTUAL] Post -Adjustment CAPEX by regulatory categories (\$M real 30/06/2017)											
261	Growth				Actual AA3					Proposed AA4 (Post Adjusted Capex)		
262	Capacity Expansion		122.51	215.55	90.46	27.83	31.28	30.23	30.51	20.06	36.91	28.51
263	Customer Driven		39.82	42.00	-19.77	5.11	6.47	23.16	22.85	22.78	23.65	23.76
264	Generation Driven		-	-	-	-	-	-	-	-	-	-
265	Gifted Assets		-	-	-	-	-	-	-	-	-	-
266	Asset replacement and renewal		-	-	-	-	-	-	-	-	-	-
267	Asset Replacement		28.03	44.52	38.89	41.51	33.36	21.76	36.14	35.95	31.20	36.73
268	Improvement in service		-	-	-	-	-	-	-	-	-	-
269	Reliability Driven		1.31	0.28	0.19	-	-	-	-	-	-	-
270	SCADA & Communications		6.11	10.98	13.10	16.78	11.46	14.18	23.92	27.55	25.36	19.66
271	Compliance		-	-	-	-	-	-	-	-	-	-
272	Safety, Environmental & Statutory		22.42	19.64	26.16	22.69	21.04	20.80	27.92	23.74	21.72	23.17
273	Corporate		-	-	-	-	-	-	-	-	-	-
274	IT		10.17	6.70	9.54	5.27	12.33	11.76	15.39	14.06	9.84	6.84
275	Business Support		8.77	1.89	5.29	7.17	2.27	8.90	16.05	42.73	3.99	3.33
276	Equity Raising Costs		0.85	2.54	0.48	1.52	3.81	-	-	-	-	-
277	Total		239.98	344.09	164.33	127.88	122.00	130.80	172.78	186.87	152.69	142.00
278	[ACTUAL] Post -Adjustment CAPEX by asset class (\$M real 30/06/2017)				Actual AA3					Proposed AA4 (Post Adjusted Capex)		
279	Transmission cables		19.05	31.22	10.03	4.01	4.56	5.80	5.81	4.45	6.70	5.62
280	Transmission steel towers		13.76	21.56	5.51	2.75	3.16	4.66	4.65	3.79	5.25	4.58
281	Transmission wood poles		28.95	29.42	30.32	23.92	22.42	22.14	29.27	24.63	23.36	24.43
282	Transmission metering		-	-	-	-	-	-	-	-	-	-
283	Transmission transformers		68.78	108.25	44.29	35.22	31.89	30.54	39.10	35.72	38.42	39.15
284	Transmission reactors		7.23	12.38	6.67	4.21	3.76	2.87	3.93	3.48	3.84	3.89
285	Transmission capacitors		4.95	7.90	2.24	1.01	1.16	1.60	1.60	1.28	1.83	1.57
286	Transmission circuit breakers		29.23	43.91	17.61	17.41	15.32	14.74	19.45	18.36	18.59	19.63
287	SCADA and communications		6.11	10.98	13.10	16.78	11.46	14.18	23.92	27.55	25.36	19.66
288	IT		10.17	6.70	9.54	5.27	12.33	11.76	15.39	14.06	9.84	6.84
289	Other non-network assets		8.77	1.89	5.29	7.17	2.27	8.90	16.05	42.73	3.99	3.33
290	Land & Easements		42.13	67.35	19.25	8.62	9.86	13.61	13.61	10.82	15.50	13.30
291	Equity raising costs		0.85	2.54	0.48	1.52	3.81	-	-	-	-	-
292	Total		239.98	344.09	164.33	127.88	122.00	130.80	172.78	186.87	152.69	142.00
293												
330												
331	Gifted Asset		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
392												

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Input

	2	3	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
5 Project Year	7	8	9	10	11	12	13	14	15	16		
6 Regulatory Period	AA3					AA4						
393 Owners Capex	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
409 [APROVED]Owner's capex	Approved AA3											
410 Transmission cables	30.42	43.77	23.82	25.25	36.87							
411 Transmission steel towers	20.85	30.45	17.84	18.77	26.18							
412 Transmission wood poles	29.16	34.81	33.50	40.08	44.64							
413 Transmission metering	-	-	-	-	-							
414 Transmission transformers	99.02	137.19	89.52	93.25	122.59							
415 Transmission reactors	11.44	15.33	8.79	9.27	13.22							
416 Transmission capacitors	7.67	11.13	6.32	6.67	9.49							
417 Transmission circuit breakers	38.97	53.72	39.04	40.30	49.79							
418 SCADA and communications	15.49	13.17	14.40	20.62	20.58							
419 IT	17.10	16.46	9.63	10.06	10.21							
420 Other non-network assets	13.61	13.30	9.21	9.30	7.67							
421 Land & Easements	65.38	94.82	53.74	56.73	80.75							
422 Equity raising costs	0.85	2.54	0.48	1.52	3.81							
423 Total	349.96	466.70	306.29	331.83	425.79							
424 [ACTUAL]Owner's capex (\$M real 2017) i.e. post-adjusted actual cape	Actual AA3											
425 Transmission cables	19.05	31.22	10.03	4.01	4.56	5.80	5.81	4.45	6.70	5.62		
426 Transmission steel towers	13.76	21.56	5.51	2.75	3.16	4.66	4.65	3.79	5.25	4.58		
427 Transmission wood poles	28.95	29.42	30.32	23.92	22.42	22.14	29.27	24.63	23.36	24.43		
428 Transmission metering	-	-	-	-	-	-	-	-	-	-		
429 Transmission transformers	68.78	108.25	44.29	35.22	31.89	30.54	39.10	35.72	38.42	39.15		
430 Transmission reactors	7.23	12.38	6.67	4.21	3.76	2.87	3.93	3.48	3.84	3.89		
431 Transmission capacitors	4.95	7.90	2.24	1.01	1.16	1.60	1.60	1.28	1.83	1.57		
432 Transmission circuit breakers	29.23	43.91	17.61	17.41	15.32	14.74	19.45	18.36	18.59	19.63		
433 SCADA and communications	6.11	10.98	13.10	16.78	11.46	14.18	23.92	27.55	25.36	19.66		
434 IT	10.17	6.70	9.54	5.27	12.33	11.76	15.39	14.06	9.84	6.84		
435 Other non-network assets	8.77	1.89	5.29	7.17	2.27	8.90	16.05	42.73	3.99	3.33		
436 Land & Easements	42.13	67.35	19.25	8.62	9.86	13.61	13.61	10.82	15.50	13.30		
437 Equity raising costs	0.85	2.54	0.48	1.52	3.81	-	-	-	-	-		
438 Total	239.98	344.09	164.33	127.88	122.00	130.80	172.78	186.87	152.69	142.00		
439												
440 Cash Contributions	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
441 [APROVED]Cash Contributions (\$M real)	Approved AA3 (real\$2012)											
442 Growth												
443 Capacity Expansion	-	-	-	-	-							
444 Customer Driven	22.378	38.349	38.831	39.239	39.688							
445 Generation Driven	-	-	-	-	-							
446 Gifted Assets	-	-	-	-	-							
447 Asset replacement and renewal												
448 Asset Replacement	-	-	-	-	-							

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Transmission Input

	2	3	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5 Project Year		7	8	9	10	11	12	13	14	15	16	
6 Regulatory Period		AA3					AA4					
449 Improvement in service												
450 Reliability Driven			-	-	-	-	-					
451 SCADA & Communications			-	-	-	-	-					
452 Compliance												
453 Safety, Environmental & Statutory			-	-	-	-	-					
454 Corporate												
455 IT			-	-	-	-	-					
456 Business Support			-	-	-	-	-					
457 Equity raising costs			-	-	-	-	-					
458 Total Transmission			22.378	38.349	38.831	39.239	39.688					
459 [ACTUAL]Cash Contributions (\$M OD)												
460 Growth			Actual AA3									
461 Capacity Expansion			- 0.014	- 0.030	0.013	-	- 0.033					
462 Customer Driven			17.951	1.593	4.871	5.367	15.408					
463 Generation Driven			-	-	-	-	-					
464 Gifted Assets			-	-	-	-	-					
465 Asset replacement and renewal												
466 Asset Replacement			0.045	-	0.013	-	-					
467 Improvement in service												
468 Reliability Driven			-	-	-	-	-					
469 SCADA & Communications			0.006	-	0.001	-	0.054					
470 Compliance												
471 Safety, Environmental & Statutory			- 0.178	0.188	-	-	-					
472 Corporate												
473 IT			-	-	-	-	-					
474 Business Support			-	-	-	-	-					
475 Equity raising costs			-	-	-	-	-					
476 Total Transmission			17.810	1.751	4.872	5.367	15.321					
477 [APROVED]Cash Contributions (\$M real 30/06/2017)												
478 Growth			Approved AA3									
479 Capacity Expansion			-	-	-	-	-					
480 Customer Driven			24.67	42.28	42.81	43.26	43.76					
481 Generation Driven			-	-	-	-	-					
482 Gifted Assets			-	-	-	-	-					
483 Asset replacement and renewal												
484 Asset Replacement			-	-	-	-	-					
485 Improvement in service												
486 Reliability Driven			-	-	-	-	-					
487 SCADA & Communications			-	-	-	-	-					
488 Compliance												
489 Safety, Environmental & Statutory			-	-	-	-	-					

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Transmission Input

	2	3	17	18	19	20	21	22	23	24	25	26	
4 Year Ending 30 June	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022			
5 Project Year	7	8	9	10	11	12	13	14	15	16			
6 Regulatory Period	AA3					AA4							
490 Corporate													
491 IT	-	-	-	-	-	-	-	-	-	-	-	-	
492 Business Support	-	-	-	-	-	-	-	-	-	-	-	-	
493 Equity raising costs	-	-	-	-	-	-	-	-	-	-	-	-	
494 Total Transmission	24.67	42.28	42.81	43.26	43.76								
495 [ACTUAL]Cash Contributions (\$M real 30/06/2017)													
496 Growth													
497 Capacity Expansion	-0.02	-0.03	0.01	-	-0.03								
498 Customer Driven	19.33	1.67	5.02	5.47	15.41	13.09	12.91	12.87	13.36	13.43			
499 Generation Driven	-	-	-	-	-								
500 Gifted Assets	-	-	-	-	-								
501 Asset replacement and renewal													
502 Asset Replacement	0.05	-	-0.01	-	-								
503 Improvement in service													
504 Reliability Driven	-	-	-	-	-								
505 SCADA & Communications	0.01	-	0.00	-	-0.05								
506 Compliance													
507 Safety, Environmental & Statutory	-0.19	0.20	-	-	-								
508 Corporate													
509 IT	-	-	-	-	-								
510 Business Support	-	-	-	-	-								
511 Equity raising costs	-	-	-	-	-								
512 Total Transmission	19.18	1.83	5.02	5.47	15.32	13.09	12.91	12.87	13.36	13.43			
513 [APPROVED] Cash Contributions by asset class(\$M real 30/06/2017)													
514 Transmission cables	2.03	3.47	3.51	3.55	3.59								
515 Transmission steel towers	2.34	4.00	4.05	4.10	4.14								
516 Transmission wood poles	-	-	-	-	-								
517 Transmission metering	-	-	-	-	-								
518 Transmission transformers	8.71	14.92	15.11	15.27	15.44								
519 Transmission reactors	-	-	-	-	-								
520 Transmission capacitors	0.71	1.22	1.23	1.24	1.26								
521 Transmission circuit breakers	4.95	8.48	8.58	8.67	8.77								
522 SCADA and communications	-	-	-	-	-								
523 IT	-	-	-	-	-								
524 Other non-network assets	-	-	-	-	-								
525 Land & Easements	5.95	10.19	10.32	10.43	10.55								
526 Equity raising costs	-	-	-	-	-								
527 Total	24.67	42.28	42.81	43.26	43.76								
528 [ACTUAL] Cash Contributions by asset class(\$M real 30/06/2017)													
529 Transmission cables	1.58	0.13	0.41	0.45	1.26	1.07	1.06	1.06	1.10	1.10			
530 Transmission steel towers	1.83	0.16	0.48	0.52	1.46	1.24	1.22	1.22	1.27	1.27			

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Transmission Input

	2	3	17	18	19	20	21	22	23	24	25	26	
4	Year Ending 30 June		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
5	Project Year	7	8	9	10	11	12	13	14	15	16		
6	Regulatory Period		AA3					AA4					
531	Transmission wood poles		-0.19	0.20	0.00	-	-0.00	-	-	-	-	-	
532	Transmission metering		-	-	-	-	-	-	-	-	-	-	
533	Transmission transformers		6.85	0.58	1.77	1.93	5.43	4.62	4.56	4.54	4.72	4.74	
534	Transmission reactors		0.00	-0.00	-0.00	-	-0.00	-	-	-	-	-	
535	Transmission capacitors		0.56	0.05	0.14	0.16	0.44	0.38	0.37	0.37	0.38	0.39	
536	Transmission circuit breakers		3.89	0.33	1.00	1.10	3.09	2.62	2.59	2.58	2.68	2.69	
537	SCADA and communications		0.01	-	0.00	-	-0.05	-	-	-	-	-	
538	IT		-	-	-	-	-	-	-	-	-	-	
539	Other non-network assets		-	-	-	-	-	-	-	-	-	-	
540	Land & Easements		4.66	0.39	1.21	1.32	3.71	3.16	3.11	3.10	3.22	3.24	
541	Equity raising costs		-	-	-	-	-	-	-	-	-	-	
542	Total		19.18	1.83	5.02	5.47	15.32	13.09	12.91	12.87	13.36	13.43	
543													
544	Approved ICB Depreciation		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
545	[APROVED] ICB Depreciation (\$M real 2012)		Approved AA3										
546	Transmission cables		-0.37	-0.37	-0.37	-0.37	-0.37						
547	Transmission steel towers		-10.34	-10.34	-10.34	-10.34	-10.34						
548	Transmission wood poles		-9.66	-9.66	-9.66	-9.66	-9.66						
549	Transmission metering		-0.10	-0.10	-0.10	-0.10	-0.10						
550	Transmission transformers		-7.10	-7.10	-7.10	-7.10	-7.10						
551	Transmission reactors		-0.17	-0.17	-0.17	-0.17	-0.17						
552	Transmission capacitors		-3.86	-3.86	-3.86	-3.86	-3.86						
553	Transmission circuit breakers		-18.87	-18.87	-18.87	-18.87	-18.87						
554	SCADA and communications		-3.48	-3.48	-3.48	-3.48	-3.48						
555	IT		-0.00	-	-	-	-						
556	Other non-network assets		-2.39	-2.39	-2.39	-2.39	-2.39						
557	Land & Easements		-	-	-	-	-						
558	Equity raising costs		-	-	-	-	-						
559	Total		-56.34	-56.34	-56.34	-56.34	-56.34						
560	[APROVED] ICB Depreciation (\$M real 2017)												
561	Transmission cables		-0.41	-0.41	-0.41	-0.41	-0.41						
562	Transmission steel towers		-11.40	-11.40	-11.40	-11.40	-11.40						
563	Transmission wood poles		-10.65	-10.65	-10.65	-10.65	-10.65						
564	Transmission metering		-0.11	-0.11	-0.11	-0.11	-0.11						
565	Transmission transformers		-7.83	-7.83	-7.83	-7.83	-7.83						
566	Transmission reactors		-0.19	-0.19	-0.19	-0.19	-0.19						
567	Transmission capacitors		-4.26	-4.26	-4.26	-4.26	-4.26						
568	Transmission circuit breakers		-20.81	-20.81	-20.81	-20.81	-20.81						
569	SCADA and communications		-3.83	-3.83	-3.83	-3.83	-3.83						
570	IT		-0.00	-	-	-	-						
571	Other non-network assets		-2.63	-2.63	-2.63	-2.63	-2.63						

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Transmission Input

	2	3	17	18	19	20	21	22	23	24	25	26	
4	Year Ending 30 June		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
5	Project Year	7	8	9	10	11	12	13	14	15	16		
6	Regulatory Period		AA3					AA4					
572	Land & Easements		-	-	-	-	-						
573	Equity raising costs		-	-	-	-	-						
574	Total		-62.12	-62.12	-62.12	-62.12	-62.12						
575	Approved TAX ICB Depreciation		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
576	[APPROVED] TAX ICB Depreciation (\$M Nominal)		Approved AA3										
577	Transmission cables		-37.26	-37.30	-36.98	-36.88	-36.85						
578	Transmission steel towers		-0.28	-1.28	-1.27	-1.27	-1.28						
579	Transmission wood poles		-0.04	-0.20	-0.20	-0.20	-0.20						
580	Transmission metering		-	-	-	-	-						
581	Transmission transformers		-3.35	-3.98	-3.96	-3.95	-3.97						
582	Transmission reactors		-0.01	-0.05	-0.05	-0.05	-0.05						
583	Transmission capacitors		-0.09	-0.33	-0.33	-0.33	-0.33						
584	Transmission circuit breakers		-0.15	-0.61	-0.61	-0.61	-0.61						
585	SCADA and communications		-6.29	-7.27	-6.59	-6.26	-6.10						
586	IT		-1.30	-4.86	-4.79	-4.78	-3.04						
587	Other non-network assets		-16.06	-10.51	-8.78	-8.60	-8.44						
588	Land & Easements		-	-	-	-	-						
589	Equity raising costs		-	-	-	-	-						
590	Total		-64.85	-66.38	-63.55	-62.92	-60.88						
591	Approved CAPEX Depreciation		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
592	[APPROVED] CAPEX Depreciation (\$M real 2012)		Approved AA3										
593	Transmission cables		-0.41	-0.87	-1.54	-1.87	-2.23						
594	Transmission steel towers		-6.76	-7.04	-7.44	-7.65	-7.87						
595	Transmission wood poles		-1.67	-2.25	-2.96	-3.63	-4.44						
596	Transmission metering		0.00	0.00	0.00	0.00	0.00						
597	Transmission transformers		-4.39	-6.03	-8.25	-9.60	-11.01						
598	Transmission reactors		-0.25	-0.46	-0.74	-0.90	-1.07						
599	Transmission capacitors		-2.06	-2.22	-2.44	-2.56	-2.68						
600	Transmission circuit breakers		-5.57	-6.19	-7.01	-7.56	-8.13						
601	SCADA and communications		-1.36	-2.64	-3.73	-4.91	-6.61						
602	IT		-3.70	-6.28	-8.77	-10.22	-11.75						
603	Other non-network assets		-2.73	-3.46	-4.17	-4.67	-5.17						
604	Land & Easements		0.00	0.00	0.00	0.00	0.00						
605	Equity raising costs		0.00	-0.02	-0.06	-0.07	-0.10						
606	Total		-28.89	-37.46	-47.10	-53.64	-61.06						
607	[APPROVED] 2006 CAPEX Depreciation (\$M real 2012)												
608	Transmission cables		-0.09	-0.09	-0.09	-0.09	-0.09						
609	Transmission steel towers		-1.37	-1.37	-1.37	-1.37	-1.37						
610	Transmission wood poles		-0.33	-0.33	-0.33	-0.33	-0.33						
611	Transmission metering		-	-	-	-	-						
612	Transmission transformers		-1.11	-1.11	-1.11	-1.11	-1.11						

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Transmission Input

	2	3	17	18	19	20	21	22	23	24	25	26	
4	Year Ending 30 June		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
5	Project Year	7	8	9	10	11	12	13	14	15	16		
6	Regulatory Period		AA3					AA4					
613	Transmission reactors		-0.09	-0.09	-0.09	-0.09	-0.09						
614	Transmission capacitors		-0.70	-0.70	-0.70	-0.70	-0.70						
615	Transmission circuit breakers		-1.15	-1.15	-1.15	-1.15	-1.15						
616	SCADA and communications		-0.21	-0.21	-0.21	-0.21	-0.21						
617	IT		-0.39	-0.39	-0.39	-0.39	-0.39						
618	Other non-network assets		-0.08	-0.08	-0.08	-0.08	-0.08						
619	Land & Easements		-	-	-	-	-						
620	Equity raising costs												
621	Total		-5.51	-5.51	-5.51	-5.51	-5.51						
622	[APROVED]2006 CAPEX Depreciation (\$M real 2017)												
623	Transmission cables		-0.10	-0.10	-0.10	-0.10	-0.10						
624	Transmission steel towers		-1.51	-1.51	-1.51	-1.51	-1.51						
625	Transmission wood poles		-0.36	-0.36	-0.36	-0.36	-0.36						
626	Transmission metering		-	-	-	-	-						
627	Transmission transformers		-1.23	-1.23	-1.23	-1.23	-1.23						
628	Transmission reactors		-0.09	-0.09	-0.09	-0.09	-0.09						
629	Transmission capacitors		-0.77	-0.77	-0.77	-0.77	-0.77						
630	Transmission circuit breakers		-1.27	-1.27	-1.27	-1.27	-1.27						
631	SCADA and communications		-0.23	-0.23	-0.23	-0.23	-0.23						
632	IT		-0.43	-0.43	-0.43	-0.43	-0.43						
633	Other non-network assets		-0.08	-0.08	-0.08	-0.08	-0.08						
634	Land & Easements		-	-	-	-	-						
635	Equity raising costs		-	-	-	-	-						
636	Total		-6.08	-6.08	-6.08	-6.08	-6.08						
637	[APROVED]2007 CAPEX Depreciation (\$M real 2012)												
638	Transmission cables		-0.08	-0.08	-0.08	-0.08	-0.08						
639	Transmission steel towers		-1.95	-1.95	-1.95	-1.95	-1.95						
640	Transmission wood poles		-0.31	-0.31	-0.31	-0.31	-0.31						
641	Transmission metering		-	-	-	-	-						
642	Transmission transformers		-0.98	-0.98	-0.98	-0.98	-0.98						
643	Transmission reactors		-0.06	-0.06	-0.06	-0.06	-0.06						
644	Transmission capacitors		-0.52	-0.52	-0.52	-0.52	-0.52						
645	Transmission circuit breakers		-0.95	-0.95	-0.95	-0.95	-0.95						
646	SCADA and communications		-0.14	-0.14	-0.14	-0.14	-0.14						
647	IT		-0.68	-0.68	-0.68	-0.68	-0.68						
648	Other non-network assets		-0.11	-0.11	-0.11	-0.11	-0.11						
649	Land & Easements		-	-	-	-	-						
650	Equity raising costs												
651	Total		-5.79	-5.79	-5.79	-5.79	-5.79						
652	[APROVED]2007 CAPEX Depreciation (\$M real 2017)												
653	Transmission cables		-0.09	-0.09	-0.09	-0.09	-0.09						

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Transmission Input

	2	3	17	18	19	20	21	22	23	24	25	26	
4	Year Ending 30 June		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
5	Project Year	7	8	9	10	11	12	13	14	15	16		
6	Regulatory Period		AA3					AA4					
654	Transmission steel towers		-2.15	-2.15	-2.15	-2.15	-2.15						
655	Transmission wood poles		-0.34	-0.34	-0.34	-0.34	-0.34						
656	Transmission metering		-	-	-	-	-						
657	Transmission transformers		-1.08	-1.08	-1.08	-1.08	-1.08						
658	Transmission reactors		-0.07	-0.07	-0.07	-0.07	-0.07						
659	Transmission capacitors		-0.57	-0.57	-0.57	-0.57	-0.57						
660	Transmission circuit breakers		-1.05	-1.05	-1.05	-1.05	-1.05						
661	SCADA and communications		-0.16	-0.16	-0.16	-0.16	-0.16						
662	IT		-0.75	-0.75	-0.75	-0.75	-0.75						
663	Other non-network assets		-0.12	-0.12	-0.12	-0.12	-0.12						
664	Land & Easements		-	-	-	-	-						
665	Equity raising costs		-	-	-	-	-						
666	Total		-6.38	-6.38	-6.38	-6.38	-6.38						
667	[APROVED]2008 CAPEX Depreciation (\$M real 2012)												
668	Transmission cables		-0.09	-0.09	-0.09	-0.09	-0.09						
669	Transmission steel towers		-1.56	-1.56	-1.56	-1.56	-1.56						
670	Transmission wood poles		-0.37	-0.37	-0.37	-0.37	-0.37						
671	Transmission metering		-	-	-	-	-						
672	Transmission transformers		-1.04	-1.04	-1.04	-1.04	-1.04						
673	Transmission reactors		-0.07	-0.07	-0.07	-0.07	-0.07						
674	Transmission capacitors		-0.56	-0.56	-0.56	-0.56	-0.56						
675	Transmission circuit breakers		-1.27	-1.27	-1.27	-1.27	-1.27						
676	SCADA and communications		-0.17	-0.17	-0.17	-0.17	-0.17						
677	IT		-0.39	-0.39	-0.39	-0.39	-0.39						
678	Other non-network assets		-0.46	-0.46	-0.46	-0.46	-0.46						
679	Land & Easements		-	-	-	-	-						
680	Equity raising costs		-	-	-	-	-						
681	Total		-5.99	-5.99	-5.99	-5.99	-5.99						
682	[APROVED]2008 CAPEX Depreciation (\$M real 2017)												
683	Transmission cables		-0.10	-0.10	-0.10	-0.10	-0.10						
684	Transmission steel towers		-1.72	-1.72	-1.72	-1.72	-1.72						
685	Transmission wood poles		-0.41	-0.41	-0.41	-0.41	-0.41						
686	Transmission metering		-	-	-	-	-						
687	Transmission transformers		-1.15	-1.15	-1.15	-1.15	-1.15						
688	Transmission reactors		-0.08	-0.08	-0.08	-0.08	-0.08						
689	Transmission capacitors		-0.62	-0.62	-0.62	-0.62	-0.62						
690	Transmission circuit breakers		-1.40	-1.40	-1.40	-1.40	-1.40						
691	SCADA and communications		-0.18	-0.18	-0.18	-0.18	-0.18						
692	IT		-0.43	-0.43	-0.43	-0.43	-0.43						
693	Other non-network assets		-0.51	-0.51	-0.51	-0.51	-0.51						
694	Land & Easements		-	-	-	-	-						

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Transmission Input

	2	3	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5	Project Year		7	8	9	10	11	12	13	14	15	16
6	Regulatory Period		AA3					AA4				
695	Equity raising costs		-	-	-	-	-					
696	Total		-6.61	-6.61	-6.61	-6.61	-6.61					
697	[APROVED]2009 CAPEX Depreciation (\$M real 2012)											
698	Transmission cables		-0.08	-0.08	-0.08	-0.08	-0.08					
699	Transmission steel towers		-0.81	-0.81	-0.81	-0.81	-0.81					
700	Transmission wood poles		-0.29	-0.29	-0.29	-0.29	-0.29					
701	Transmission metering		-	-	-	-	-					
702	Transmission transformers		-0.65	-0.65	-0.65	-0.65	-0.65					
703	Transmission reactors		-0.02	-0.02	-0.02	-0.02	-0.02					
704	Transmission capacitors		-0.22	-0.22	-0.22	-0.22	-0.22					
705	Transmission circuit breakers		-0.68	-0.68	-0.68	-0.68	-0.68					
706	SCADA and communications		-0.31	-0.31	-0.31	-0.31	-0.31					
707	IT		-0.51	-0.51	-0.51	-0.51	-0.51					
708	Other non-network assets		-0.47	-0.47	-0.47	-0.47	-0.47					
709	Land & Easements		-	-	-	-	-					
710	Equity raising costs											
711	Total		-4.04	-4.04	-4.04	-4.04	-4.04					
712	[APROVED]2009 CAPEX Depreciation (\$M real 2017)											
713	Transmission cables		-0.09	-0.09	-0.09	-0.09	-0.09					
714	Transmission steel towers		-0.90	-0.90	-0.90	-0.90	-0.90					
715	Transmission wood poles		-0.32	-0.32	-0.32	-0.32	-0.32					
716	Transmission metering		-	-	-	-	-					
717	Transmission transformers		-0.71	-0.71	-0.71	-0.71	-0.71					
718	Transmission reactors		-0.02	-0.02	-0.02	-0.02	-0.02					
719	Transmission capacitors		-0.24	-0.24	-0.24	-0.24	-0.24					
720	Transmission circuit breakers		-0.75	-0.75	-0.75	-0.75	-0.75					
721	SCADA and communications		-0.34	-0.34	-0.34	-0.34	-0.34					
722	IT		-0.56	-0.56	-0.56	-0.56	-0.56					
723	Other non-network assets		-0.52	-0.52	-0.52	-0.52	-0.52					
724	Land & Easements		-	-	-	-	-					
725	Equity raising costs											
726	Total		-4.46	-4.46	-4.46	-4.46	-4.46					
727	[APROVED]2010 CAPEX Depreciation (\$M real 2012)											
728	Transmission cables		-0.04	-0.04	-0.04	-0.04	-0.04					
729	Transmission steel towers		-0.53	-0.53	-0.53	-0.53	-0.53					
730	Transmission wood poles		-0.19	-0.19	-0.19	-0.19	-0.19					
731	Transmission metering		-	-	-	-	-					
732	Transmission transformers		-0.31	-0.31	-0.31	-0.31	-0.31					
733	Transmission reactors		-0.01	-0.01	-0.01	-0.01	-0.01					
734	Transmission capacitors		-0.03	-0.03	-0.03	-0.03	-0.03					
735	Transmission circuit breakers		-0.83	-0.83	-0.83	-0.83	-0.83					

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Transmission Input

	2	3	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5	Project Year		7	8	9	10	11	12	13	14	15	16
6	Regulatory Period		AA3					AA4				
736	SCADA and communications		-0.17	-0.17	-0.17	-0.17	-0.17					
737	IT		-0.80	-0.80	-0.80	-0.80	-0.80					
738	Other non-network assets		-0.75	-0.75	-0.75	-0.75	-0.75					
739	Land & Easements		-	-	-	-	-					
740	Equity raising costs											
741	Total		-3.65	-3.65	-3.65	-3.65	-3.65					
742	[APROVED]2010 CAPEX Depreciation (\$M real 2017)											
743	Transmission cables		-0.04	-0.04	-0.04	-0.04	-0.04					
744	Transmission steel towers		-0.58	-0.58	-0.58	-0.58	-0.58					
745	Transmission wood poles		-0.21	-0.21	-0.21	-0.21	-0.21					
746	Transmission metering		-	-	-	-	-					
747	Transmission transformers		-0.34	-0.34	-0.34	-0.34	-0.34					
748	Transmission reactors		-0.01	-0.01	-0.01	-0.01	-0.01					
749	Transmission capacitors		-0.03	-0.03	-0.03	-0.03	-0.03					
750	Transmission circuit breakers		-0.92	-0.92	-0.92	-0.92	-0.92					
751	SCADA and communications		-0.18	-0.18	-0.18	-0.18	-0.18					
752	IT		-0.89	-0.89	-0.89	-0.89	-0.89					
753	Other non-network assets		-0.83	-0.83	-0.83	-0.83	-0.83					
754	Land & Easements		-	-	-	-	-					
755	Equity raising costs		-	-	-	-	-					
756	Total		-4.02	-4.02	-4.02	-4.02	-4.02					
757	[APROVED]2011 CAPEX Depreciation (\$M real 2012)											
758	Transmission cables		-0.02	-0.02	-0.02	-0.02	-0.02					
759	Transmission steel towers		-0.54	-0.54	-0.54	-0.54	-0.54					
760	Transmission wood poles		-0.18	-0.18	-0.18	-0.18	-0.18					
761	Transmission metering		-	-	-	-	-					
762	Transmission transformers		-0.30	-0.30	-0.30	-0.30	-0.30					
763	Transmission reactors		-0.01	-0.01	-0.01	-0.01	-0.01					
764	Transmission capacitors		-0.03	-0.03	-0.03	-0.03	-0.03					
765	Transmission circuit breakers		-0.68	-0.68	-0.68	-0.68	-0.68					
766	SCADA and communications		-0.37	-0.37	-0.37	-0.37	-0.37					
767	IT		-0.93	-0.93	-0.93	-0.93	-0.93					
768	Other non-network assets		-0.85	-0.85	-0.85	-0.85	-0.85					
769	Land & Easements		-	-	-	-	-					
770	Equity raising costs											
771	Total		-3.91	-3.91	-3.91	-3.91	-3.91					
772	[APROVED]2011 CAPEX Depreciation (\$M real 2017)											
773	Transmission cables		-0.02	-0.02	-0.02	-0.02	-0.02					
774	Transmission steel towers		-0.59	-0.59	-0.59	-0.59	-0.59					
775	Transmission wood poles		-0.20	-0.20	-0.20	-0.20	-0.20					
776	Transmission metering		-	-	-	-	-					

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Transmission Input

	2	3	17	18	19	20	21	22	23	24	25	26	
4	Year Ending 30 June		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
5	Project Year	7	8	9	10	11	12	13	14	15	16		
6	Regulatory Period		AA3					AA4					
777	Transmission transformers		-0.33	-0.33	-0.33	-0.33	-0.33						
778	Transmission reactors		-0.01	-0.01	-0.01	-0.01	-0.01						
779	Transmission capacitors		-0.04	-0.04	-0.04	-0.04	-0.04						
780	Transmission circuit breakers		-0.75	-0.75	-0.75	-0.75	-0.75						
781	SCADA and communications		-0.41	-0.41	-0.41	-0.41	-0.41						
782	IT		-1.03	-1.03	-1.03	-1.03	-1.03						
783	Other non-network assets		-0.94	-0.94	-0.94	-0.94	-0.94						
784	Land & Easements		-	-	-	-	-						
785	Equity raising costs		-	-	-	-	-						
786	Total		-4.31	-4.31	-4.31	-4.31	-4.31						
787	[APROVED]2012 CAPEX Depreciation (\$M real 2012)												
788	Transmission cables		-	-0.47	-0.47	-0.47	-0.47						
789	Transmission steel towers		-	-0.28	-0.28	-0.28	-0.28						
790	Transmission wood poles		-	-0.59	-0.59	-0.59	-0.59						
791	Transmission metering		-	-	-	-	-						
792	Transmission transformers		-	-1.64	-1.64	-1.64	-1.64						
793	Transmission reactors		-	-0.21	-0.21	-0.21	-0.21						
794	Transmission capacitors		-	-0.16	-0.16	-0.16	-0.16						
795	Transmission circuit breakers		-	-0.62	-0.62	-0.62	-0.62						
796	SCADA and communications		-	-1.28	-1.28	-1.28	-1.28						
797	IT		-	-2.58	-2.58	-2.58	-2.58						
798	Other non-network assets		-	-0.73	-0.73	-0.73	-0.73						
799	Land & Easements		-	-	-	-	-						
800	Equity raising costs		-	-0.02	-0.02	-0.02	-0.02						
801	Total		-	-8.57	-8.57	-8.57	-8.57						
802	[APROVED]2012 CAPEX Depreciation (\$M real 2017)												
803	Transmission cables		-	-0.52	-0.52	-0.52	-0.52						
804	Transmission steel towers		-	-0.31	-0.31	-0.31	-0.31						
805	Transmission wood poles		-	-0.65	-0.65	-0.65	-0.65						
806	Transmission metering		-	-	-	-	-						
807	Transmission transformers		-	-1.81	-1.81	-1.81	-1.81						
808	Transmission reactors		-	-0.23	-0.23	-0.23	-0.23						
809	Transmission capacitors		-	-0.17	-0.17	-0.17	-0.17						
810	Transmission circuit breakers		-	-0.68	-0.68	-0.68	-0.68						
811	SCADA and communications		-	-1.41	-1.41	-1.41	-1.41						
812	IT		-	-2.85	-2.85	-2.85	-2.85						
813	Other non-network assets		-	-0.81	-0.81	-0.81	-0.81						
814	Land & Easements		-	-	-	-	-						
815	Equity raising costs		-	-0.02	-0.02	-0.02	-0.02						
816	Total		-	-9.45	-9.45	-9.45	-9.45						
817	[APROVED]2013 CAPEX Depreciation (\$M real 2012)												

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Transmission Input

	2	3	17	18	19	20	21	22	23	24	25	26	
4	Year Ending 30 June		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
5	Project Year	7	8	9	10	11	12	13	14	15	16		
6	Regulatory Period		AA3					AA4					
818	Transmission cables		-	-	-0.66	-0.66	-0.66						
819	Transmission steel towers		-	-	-0.40	-0.40	-0.40						
820	Transmission wood poles		-	-	-0.70	-0.70	-0.70						
821	Transmission metering		-	-	-	-	-						
822	Transmission transformers		-	-	-2.22	-2.22	-2.22						
823	Transmission reactors		-	-	-0.28	-0.28	-0.28						
824	Transmission capacitors		-	-	-0.22	-0.22	-0.22						
825	Transmission circuit breakers		-	-	-0.82	-0.82	-0.82						
826	SCADA and communications		-	-	-1.09	-1.09	-1.09						
827	IT		-	-	-2.49	-2.49	-2.49						
828	Other non-network assets		-	-	-0.72	-0.72	-0.72						
829	Land & Easements		-	-	-	-	-						
830	Equity raising costs		-	-	-0.05	-0.05	-0.05						
831	Total		-	-	-9.64	-9.64	-9.64						
832	[APROVED]2013 CAPEX Depreciation (\$M real 2017)												
833	Transmission cables		-	-	-0.73	-0.73	-0.73						
834	Transmission steel towers		-	-	-0.44	-0.44	-0.44						
835	Transmission wood poles		-	-	-0.77	-0.77	-0.77						
836	Transmission metering		-	-	-	-	-						
837	Transmission transformers		-	-	-2.45	-2.45	-2.45						
838	Transmission reactors		-	-	-0.31	-0.31	-0.31						
839	Transmission capacitors		-	-	-0.25	-0.25	-0.25						
840	Transmission circuit breakers		-	-	-0.90	-0.90	-0.90						
841	SCADA and communications		-	-	-1.20	-1.20	-1.20						
842	IT		-	-	-2.74	-2.74	-2.74						
843	Other non-network assets		-	-	-0.79	-0.79	-0.79						
844	Land & Easements		-	-	-	-	-						
845	Equity raising costs		-	-	-0.05	-0.05	-0.05						
846	Total		-	-	-10.63	-10.63	-10.63						
847	[APROVED]2014 CAPEX Depreciation (\$M real 2012)												
848	Transmission cables		-	-	-	-0.33	-0.33						
849	Transmission steel towers		-	-	-	-0.21	-0.21						
850	Transmission wood poles		-	-	-	-0.68	-0.68						
851	Transmission metering		-	-	-	-	-						
852	Transmission transformers		-	-	-	-1.35	-1.35						
853	Transmission reactors		-	-	-	-0.16	-0.16						
854	Transmission capacitors		-	-	-	-0.12	-0.12						
855	Transmission circuit breakers		-	-	-	-0.55	-0.55						
856	SCADA and communications		-	-	-	-1.19	-1.19						
857	IT		-	-	-	-1.46	-1.46						
858	Other non-network assets		-	-	-	-0.50	-0.50						

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Transmission Input

	2	3	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5	Project Year		7	8	9	10	11	12	13	14	15	16
6	Regulatory Period		AA3					AA4				
859	Land & Easements		-	-	-	-	-					
860	Equity raising costs		-	-	-	-0.01	-0.01					
861	Total		-	-	-	-6.54	-6.54					
862	[APROVED]2014 CAPEX Depreciation (\$M real 2017)											
863	Transmission cables		-	-	-	-0.37	-0.37					
864	Transmission steel towers		-	-	-	-0.23	-0.23					
865	Transmission wood poles		-	-	-	-0.74	-0.74					
866	Transmission metering		-	-	-	-	-					
867	Transmission transformers		-	-	-	-1.49	-1.49					
868	Transmission reactors		-	-	-	-0.18	-0.18					
869	Transmission capacitors		-	-	-	-0.13	-0.13					
870	Transmission circuit breakers		-	-	-	-0.61	-0.61					
871	SCADA and communications		-	-	-	-1.31	-1.31					
872	IT		-	-	-	-1.61	-1.61					
873	Other non-network assets		-	-	-	-0.55	-0.55					
874	Land & Easements		-	-	-	-	-					
875	Equity raising costs		-	-	-	-0.01	-0.01					
876	Total		-	-	-	-7.21	-7.21					
877	[APROVED]2015 CAPEX Depreciation (\$M real 2012)											
878	Transmission cables		-	-	-	-	-0.36					
879	Transmission steel towers		-	-	-	-	-0.22					
880	Transmission wood poles		-	-	-	-	-0.81					
881	Transmission metering		-	-	-	-	-					
882	Transmission transformers		-	-	-	-	-1.41					
883	Transmission reactors		-	-	-	-	-0.17					
884	Transmission capacitors		-	-	-	-	-0.12					
885	Transmission circuit breakers		-	-	-	-	-0.57					
886	SCADA and communications		-	-	-	-	-1.70					
887	IT		-	-	-	-	-1.52					
888	Other non-network assets		-	-	-	-	-0.50					
889	Land & Easements		-	-	-	-	-					
890	Equity raising costs		-	-	-	-	-0.03					
891	Total		-	-	-	-	-7.418					
892	[APROVED]2015 CAPEX Depreciation (\$M real 2017)											
893	Transmission cables		-	-	-	-	-0.39					
894	Transmission steel towers		-	-	-	-	-0.24					
895	Transmission wood poles		-	-	-	-	-0.89					
896	Transmission metering		-	-	-	-	-					
897	Transmission transformers		-	-	-	-	-1.56					
898	Transmission reactors		-	-	-	-	-0.19					
899	Transmission capacitors		-	-	-	-	-0.14					

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Transmission Input

	2	3	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
5 Project Year	7	8	9	10	11	12	13	14	15	16		
6 Regulatory Period	AA3					AA4						
900	Transmission circuit breakers	-	-	-	-	-0.63						
901	SCADA and communications	-	-	-	-	-1.87						
902	IT	-	-	-	-	-1.68						
903	Other non-network assets	-	-	-	-	-0.55						
904	Land & Easements	-	-	-	-	-						
905	Equity raising costs	-	-	-	-	-0.03						
906	Total	-	-	-	-	-8.18						
907	Accelerated Depreciation	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
908	[APROVED] Accelerated Depreciation (\$M Nominal)	Approved AA3										
909	Transmission cables											
910	Transmission steel towers											
911	Transmission wood poles											
912	Transmission metering											
913	Transmission transformers											
914	Transmission reactors											
915	Transmission capacitors											
916	Transmission circuit breakers											
917	SCADA and communications											
918	IT											
919	Other non-network assets											
920	Land & Easements											
921	Equity raising costs											
922	Total	-	-	-	-	-						
923	[APROVED] Accelerated Depreciation (\$M real 2017)	Approved AA3					Proposed AA4					
924	Transmission cables	-	-	-	-	-						
925	Transmission steel towers	-	-	-	-	-						
926	Transmission wood poles	-	-	-	-	-						
927	Transmission metering	-	-	-	-	-						
928	Transmission transformers	-	-	-	-	-						
929	Transmission reactors	-	-	-	-	-						
930	Transmission capacitors	-	-	-	-	-						
931	Transmission circuit breakers	-	-	-	-	-						
932	SCADA and communications	-	-	-	-	-						
933	IT	-	-	-	-	-						
934	Other non-network assets	-	-	-	-	-						
935	Land & Easements	-	-	-	-	-						
936	Equity raising costs	-	-	-	-	-						
937	Total	-	-	-	-	-	-	-	-	-	-	-
938												
939	Redundant Asset	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
940	[ACTUAL] Redundant Asset (\$M Nominal)	Actual AA3										

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Transmission Input

	2	3	17	18	19	20	21	22	23	24	25	26	
4 Year Ending 30 June			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
5 Project Year		7	8	9	10	11	12	13	14	15	16		
6 Regulatory Period		AA3					AA4						
941	Transmission cables		-	-	-	-	-						
942	Transmission steel towers		-	-	-	-	-						
943	Transmission wood poles		-	-	-	-	-						
944	Transmission metering		-	-	-	-	-						
945	Transmission transformers		1.106	3.262	0.781	1.030	-						
946	Transmission reactors		-	-	-	-	-						
947	Transmission capacitors		-	-	-	-	-						
948	Transmission circuit breakers		-	-	-	-	-						
949	SCADA and communications		-	-	-	-	-						
950	IT		-	-	-	-	-						
951	Other non-network assets		-	-	0.457	-	0.119						
952	Land & Easements		3.003	0.791	7.794	58.464	1.328						
953	Equity raising costs		-	-	-	-	-						
954	Total		4.11	4.05	9.03	59.49	1.45						
955													
956	[ACTUAL]Redundant Asset (\$M real 2017)		Actual AA3										
957	Transmission cables		-	-	-	-	-						
958	Transmission steel towers		-	-	-	-	-						
959	Transmission wood poles		-	-	-	-	-						
960	Transmission metering		-	-	-	-	-						
961	Transmission transformers		1.191	3.410	0.804	1.050	-						
962	Transmission reactors		-	-	-	-	-						
963	Transmission capacitors		-	-	-	-	-						
964	Transmission circuit breakers		-	-	-	-	-						
965	SCADA and communications		-	-	-	-	-						
966	IT		-	-	-	-	-						
967	Other non-network assets		-	-	0.471	-	0.119						
968	Land & Easements		3.234	0.827	8.026	59.595	1.328						
969	Equity raising costs		-	-	-	-	-						
970	Total		4.425	4.237	9.301	60.644	1.447	80.054					
971	Operating Expenditure		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
972	[APROVED] OPEX		Approved AA3 (\$M real 30/06/2012)										
973	SCADA & Communications		12.23	12.33	12.45	12.55	12.89						
974	Misc Network Services		-	-	-	-	-						
975	Network Operations		9.83	9.86	9.90	9.89	9.88						
976	Maintenance Strategy		-	-	-	-	-						
977	Preventive Condition		9.98	10.06	10.16	10.25	10.54						
978	Preventive Routine		17.57	17.70	17.87	18.00	18.52						
979	Corrective Deferred		10.21	10.29	10.38	10.46	10.75						
980	Corrective Emergency		1.15	1.15	1.15	1.15	1.20						
981	Business Support		40.04	40.10	40.09	41.59	42.04						

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Transmission Input

	2	3	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5	Project Year		7	8	9	10	11	12	13	14	15	16
6	Regulatory Period		AA3					AA4				
982	Non-recurring opex		3.01	1.76	1.58	1.79	2.38					
983	Total		104.03	103.26	103.57	105.69	108.20					
984	[ACTUAL] OPEX (\$M Nominal)		Actual AA3					Proposed AA4				
985	SCADA & Communications		11.62	10.63	11.76	12.60	10.88	5.15	5.12	5.14	5.38	5.45
986	Non-revenue cap services		12.61	4.56	3.38	5.38	4.03	-	-	-	-	-
987	Network Operations		6.67	8.04	5.68	5.84	4.65	4.58	4.63	4.69	4.75	4.81
988	Maintenance Strategy		-	-	-	-	-	-	-	-	-	-
989	Preventive Condition		9.78	9.25	7.54	11.31	13.62	13.10	13.03	13.10	13.71	13.89
990	Preventive Routine		22.09	20.91	23.47	22.91	20.54	19.75	19.64	19.74	20.66	20.93
991	Corrective Deferred		10.18	8.84	8.97	10.31	9.45	8.99	8.94	8.98	9.40	9.53
992	Corrective Emergency		2.15	2.09	2.36	3.06	2.16	2.08	2.07	2.08	2.18	2.21
993	Business Support		32.84	40.19	31.76	42.65	41.28	22.48	22.60	22.88	23.17	23.62
994	Non-recurring opex		10.72	12.50	22.09	10.08	-0.97	6.19	6.15	6.19	6.47	6.56
995	Total		118.66	117.02	117.01	124.13	105.65	82.31	82.18	82.79	85.73	86.99
996	[APPROVED] OPEX (\$M real 30/06/2017)		Approved AA3									
997	SCADA & Communications		13.48	13.59	13.72	13.83	14.21					
998	Misc Network Services		-	-	-	-	-					
999	Network Operations		10.84	10.87	10.91	10.91	10.90					
1000	Maintenance Strategy		-	-	-	-	-					
1001	Preventive Condition		11.00	11.10	11.21	11.30	11.62					
1002	Preventive Routine		19.37	19.52	19.70	19.85	20.42					
1003	Corrective Deferred		11.26	11.35	11.45	11.53	11.85					
1004	Corrective Emergency		1.27	1.27	1.27	1.27	1.32					
1005	Business Support		44.14	44.21	44.20	45.86	46.35					
1006	Non-recurring opex		3.32	1.94	1.74	1.98	2.63					
1007	Total		114.70	113.85	114.19	116.53	119.30					
1008	[ACTUAL] OPEX (\$M real 30/06/2017)		Actual AA3					Proposed AA4				
1009	SCADA & Communications		12.51	11.11	12.10	12.84	10.88	5.05	4.93	4.87	5.01	4.98
1010	Non-revenue cap services		13.58	4.77	3.48	5.49	4.03	-	-	-	-	-
1011	Network Operations		7.18	8.41	5.85	5.95	4.65	4.50	4.47	4.44	4.41	4.39
1012	Maintenance Strategy		-	-	-	-	-	-	-	-	-	-
1013	Preventive Condition		10.53	9.67	7.76	11.53	13.62	12.87	12.56	12.40	12.75	12.68
1014	Preventive Routine		23.79	21.86	24.17	23.35	20.54	19.39	18.93	18.69	19.21	19.11
1015	Corrective Deferred		10.97	9.24	9.24	10.51	9.45	8.82	8.62	8.50	8.74	8.70
1016	Corrective Emergency		2.31	2.19	2.43	3.12	2.16	2.04	2.00	1.97	2.03	2.01
1017	Business Support		35.36	42.01	32.70	43.47	41.28	22.08	21.79	21.66	21.54	21.56
1018	Non-recurring opex		11.55	13.07	22.75	10.28	0.97	6.08	5.93	5.86	6.02	5.99
1019	Total		127.78	122.32	120.50	126.53	105.65	80.82	79.23	78.39	79.70	79.41
1020	Deferred Revenue											
1021	Deferred Revenue (\$M real 30/06/2012) at the beginning of AA3		87.66									
1022	Deferred Revenue (\$M real 30/06/2017)		96.66									

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Input

	2	3	17	18	19	20	21	22	23	24	25	26	
4	Year Ending 30 June		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
5	Project Year		7	8	9	10	11	12	13	14	15	16	
6	Regulatory Period			AA3					AA4				
1023	Recovery period (year)		50.00										
1024	Working Capital												
1025	Receivables		45.00	Days									
1026	Inventory		4.0%										
1027	Prepayment		-										
1028	Creditors		24.20										
1029	2017 Closing Balance (\$M Real 30/06/2012)		16.594										
1030	2017 Closing Balance (\$M Real 30/06/2017)		18.30										
1031	Energy Transported (GWh)		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
1032			Actual AA3					Proposed AA4					
1033	Actual/Forecasted		16,936	17,509	17,587	17,875	17,764	17,698	17,663	17,628	17,502	17,309	

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Adjustment Input

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
4 Inflation							2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
5 Year ending 30 June Financial Year							0.7757	0.7918	0.8275	0.8396	0.8652	0.8964	0.9070	0.9286	0.9566	0.9711	0.9810	1.0000
6																		
7 Service Standard adjustment mechanism (SSAM)																		
8 Year Ending 30 June							2013	2014	2015	2016	2017	2013	2014	2015	2016	2017		
9 SSAM revenue at risk																		
10 Distribution revenue at risk							5%	5%	5%	5%	5%							
11 Transmission revenue at risk							1%	1%	1%	1%	1%							
12																		
13 Distribution Performance							Actual AA3					Benchmark						
14 SAIDI - CBD (minutes per annum)							7.6	18.3	26.2	22.6	13.8	39.9	39.9	39.9	39.9	39.9		
15 SAIDI - Urban (minutes per annum)							102.7	107.4	103.0	91.3	104.4	183.0	183.0	183.0	183.0	183.0		
16 SAIDI - Rural Short (minutes per annum)							181.4	171.2	182.6	168.4	175.6	227.8	227.8	227.8	227.8	227.8		
17 SAIDI - Rural Long (minutes per annum)							685.4	673.8	677.5	582.6	626.2	724.8	724.8	724.8	724.8	724.8		
18 SAIFI - CBD (interruptions per annum)							0.0	0.2	0.2	0.1	0.1	0.3	0.3	0.3	0.3	0.3		
19 SAIFI - Urban (interruptions per annum)							1.2	1.1	1.1	0.9	1.0	2.1	2.1	2.1	2.1	2.1		
20 SAIFI - Rural Short (interruptions per annum)							2.2	1.8	2.0	1.8	1.8	2.6	2.6	2.6	2.6	2.6		
21 SAIFI - Rural Long (interruptions per annum)							4.9	5.0	4.4	4.0	4.0	4.5	4.5	4.5	4.5	4.5		
22 Call centre performance (% of calls per year)							90.6	92.8	93.7	91.4	91.8	77.5	77.5	77.5	77.5	77.5		
23 Street Lighting repair time - Metropolitan area							1.2	1.1	1.3	1.6	2.5	5.0	5.0	5.0	5.0	5.0		
24 Street Lighting repair time - Regional area							2.0	1.1	1.3	0.9	4.6	9.0	9.0	9.0	9.0	9.0		
25																		
26 Transmission performance							Actual AA3					Benchmark						
27 Circuit Availability (% of hours per annum)							98.4	98.0	98.5	98.7	98.9	97.7	97.7	97.7	97.7	97.7		
28 System Minutes Interrupted - Meshed (minutes per annum)							4.5	4.8	6.6	6.8	8.2	12.5	12.5	12.5	12.5	12.5		
29 System Minutes Interrupted - Radial (minutes per annum)							1.2	3.7	1.6	0.5	0.7	5.0	5.0	5.0	5.0	5.0		
30 Loss of Supply Event Frequency > 0.1 (# of events)							11.0	17.0	24.0	15.0	16.0	33.0	33.0	33.0	33.0	33.0		
31 Loss of Supply Event Frequency > 1 (# of events)							1.0	1.0	-	1.0	2.0	4.0	4.0	4.0	4.0	4.0		
32 Average Outage Duration (minutes per annum)							866.0	795.0	720.0	1,265.0	653.0	886.0	886.0	886.0	886.0	886.0		
33																		
34 Distribution incentive rates							[\$M real as at 30 June 2012]					[\$M real as at 30 June 2017]						
35 SAIDI - CBD - per SAIDI minute							0.068	0.068	0.068	0.068	0.068	0.07	0.07	0.07	0.07	0.07		
36 SAIDI - Urban - per SAIDI minute							0.530	0.530	0.530	0.530	0.530	0.58	0.58	0.58	0.58	0.58		
37 SAIDI - Rural Short - per SAIDI minute							0.223	0.223	0.223	0.223	0.223	0.25	0.25	0.25	0.25	0.25		
38 SAIDI - Rural Long - per SAIDI minute							0.065	0.065	0.065	0.065	0.065	0.07	0.07	0.07	0.07	0.07		
39 SAIFI - CBD - per 0.01 event							0.087	0.087	0.087	0.087	0.087	0.10	0.10	0.10	0.10	0.10		
40 SAIFI - Urban - per 0.01 event							0.549	0.549	0.549	0.549	0.549	0.61	0.61	0.61	0.61	0.61		
41 SAIFI - Rural Short - per 0.01 event							0.223	0.223	0.223	0.223	0.223	0.25	0.25	0.25	0.25	0.25		
42 SAIFI - Rural Long - per 0.01 event							0.102	0.102	0.102	0.102	0.102	0.11	0.11	0.11	0.11	0.11		
43 Call centre performance - per 0.1%							- 0.041	- 0.041	- 0.041	- 0.041	- 0.041	- 0.05	- 0.05	- 0.05	- 0.05	- 0.05		
44																		
45 Transmission incentive rates							[\$M real as at 30 June 2012]					[\$M real as at 30 June 2017]						
46 Circuit Availability - per 0.1%							- 0.817	- 0.817	- 0.817	- 0.817	- 0.817	- 0.90	- 0.90	- 0.90	- 0.90	- 0.90		
47 System Minutes Interrupted - Radial - per minute							0.105	0.105	0.105	0.105	0.105	0.12	0.12	0.12	0.12	0.12		
48 Loss of Supply Event Frequency >0.1 - per event							0.036	0.036	0.036	0.036	0.036	0.04	0.04	0.04	0.04	0.04		
49 Loss of Supply Event Frequency >1 - per event							0.163	0.163	0.163	0.163	0.163	0.18	0.18	0.18	0.18	0.18		
50 Average Outage Duration - per minute							0.003	0.003	0.003	0.003	0.003	0.00	0.00	0.00	0.00	0.00		
51																		

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Adjustment Input

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
52 Distribution penalty rates	[\$M real as at 30 June 2012]											[\$M real as at 30 June 2017]						
53 SAIDI - CBD - per SAIDI minute							0.068	0.068	0.068	0.068	0.068		0.07	0.07	0.07	0.07	0.07	
54 SAIDI - Urban - per SAIDI minute							0.530	0.530	0.530	0.530	0.530		0.58	0.58	0.58	0.58	0.58	
55 SAIDI - Rural Short - per SAIDI minute							0.223	0.223	0.223	0.223	0.223		0.25	0.25	0.25	0.25	0.25	
56 SAIDI - Rural Long - per SAIDI minute							0.065	0.065	0.065	0.065	0.065		0.07	0.07	0.07	0.07	0.07	
57 SAIFI - CBD - per 0.01 event							0.087	0.087	0.087	0.087	0.087		0.10	0.10	0.10	0.10	0.10	
58 SAIFI - Urban - per 0.01 event							0.549	0.549	0.549	0.549	0.549		0.61	0.61	0.61	0.61	0.61	
59 SAIFI - Rural Short - per 0.01 event							0.223	0.223	0.223	0.223	0.223		0.25	0.25	0.25	0.25	0.25	
60 SAIFI - Rural Long - per 0.01 event							0.102	0.102	0.102	0.102	0.102		0.11	0.11	0.11	0.11	0.11	
61 Call centre performance - per 0.1%							- 0.041	- 0.041	- 0.041	- 0.041	- 0.041		- 0.05	- 0.05	- 0.05	- 0.05	- 0.05	
63 Transmission penalty rates	[\$M real as at 30 June 2012]											[\$M real as at 30 June 2017]						
64 Circuit Availability - per 0.1%							- 0.409	- 0.409	- 0.409	- 0.409	- 0.409		- 0.45	- 0.45	- 0.45	- 0.45	- 0.45	
65 System Minutes Interrupted - Radial - per minute							0.172	0.172	0.172	0.172	0.172		0.19	0.19	0.19	0.19	0.19	
66 Loss of Supply Event Frequency >0.1 - per event							0.027	0.027	0.027	0.027	0.027		0.03	0.03	0.03	0.03	0.03	
67 Loss of Supply Event Frequency >1 - per event							0.163	0.163	0.163	0.163	0.163		0.18	0.18	0.18	0.18	0.18	
68 Average Outage Duration - per minute							0.002	0.002	0.002	0.002	0.002		0.00	0.00	0.00	0.00	0.00	
70 Gain share mechanism (GSM)	Year Ending 30 June											Year Ending 30 June						
72 Forecasted Escalation factors		2011	2012	2013	2014	2015	2016	2017		2013	2014	2015	2016	2017				
73 Customer numbers escalation		2.41%	2.41%	2.41%	2.41%	2.41%	2.41%	2.41%		2.41%	2.41%	2.41%	2.41%	2.41%				
74 Line length (a)		1.31%	1.31%	1.31%	1.31%	1.31%	1.31%	1.31%		1.31%	1.31%	1.31%	1.31%	1.31%				
75 Number of distribution transformers (b)		1.33%	1.33%	1.33%	1.33%	1.33%	1.33%	1.33%		1.33%	1.33%	1.33%	1.33%	1.33%				
76 Zone substation capacity (c)		3.65%	3.65%	3.65%	3.65%	3.65%	3.65%	3.65%		3.65%	3.65%	3.65%	3.65%	3.65%				
77 Network growth escalation		2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%		2.10%	2.10%	2.10%	2.10%	2.10%				
79 Actual escalation factors																		
80 Number of customers		1,010,663	1,016,000	1,050,696	1,057,867	1,084,197	1,109,915	1,127,057										
81 Line Length		96,189	97,558	97,644	98,967	100,303	101,097	101,634										
82 Number of distribution transformers		64,587	65,519	65,828	66,815	67,554	68,125	68,560										
83 Zone substation capacity		7,712	8,055	8,121	8,458	8,407	8,175	8,217										
85 Operating expenditure - Final decision efficiency and innovation benchmark (EIB)	ERA Final Decision EIB categories											ERA Final Decision EIB categories						
86 Superannuation costs for defined benefit schemes													3.18	3.25	3.33	3.40	3.47	
88 Non-revenue cap services cost													-	-	-	-	-	
89 Licence fees													0.05	0.05	0.05	0.05	0.05	
90 Energy safety levy													4.54	4.54	4.54	4.54	4.54	
91 Network control service													-	-	-	-	-	
92 ERA costs (Electricity Network Access Funding Regulations)													0.96	1.49	1.37	1.28	1.29	
94 Operating expenditure subject to scale escalation by regulatory category	Base distribution											Base distribution						
95 Reliability													1.66	1.66	1.66	1.66	1.66	
97 SCADA & Communications													4.52	4.52	4.52	4.52	4.52	
98 Non-revenue cap services													-	-	-	-	-	
99 Network Operations													15.96	15.96	15.96	15.96	15.96	

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Adjustment Input

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
100 Smartgrid							-	-	-	-	-		-	-	-	-	-	
101 Maintenance Strategy							-	-	-	-	-		-	-	-	-	-	
102 Preventive Condition							39.63	39.63	39.63	39.63	39.63		43.69	43.69	43.69	43.69	43.69	
103 Preventive Routine							33.06	33.06	33.06	33.06	33.06		36.45	36.45	36.45	36.45	36.45	
104 Corrective Deferred							23.47	23.47	23.47	23.47	23.47		25.87	25.87	25.87	25.87	25.87	
105 Corrective Emergency							59.20	59.20	59.20	59.20	59.20		65.28	65.28	65.28	65.28	65.28	
106 Call Centre							6.91	6.91	6.91	6.91	6.91		7.62	7.62	7.62	7.62	7.62	
107 Metering							18.54	18.54	18.54	18.54	18.54		20.44	20.44	20.44	20.44	20.44	
108 Guaranteed service level payments							-	-	-	-	-		-	-	-	-	-	
109 Design & Estimating - Distribution Quotations							-	-	-	-	-		-	-	-	-	-	
110 Business Support							-	-	-	-	-		-	-	-	-	-	
111 IT							-	-	-	-	-		-	-	-	-	-	
112 Non-recurring opex							-	-	-	-	-		-	-	-	-	-	
113 Total							200.884	200.884	200.884	200.884	200.884		221.49	221.49	221.49	221.49	221.49	
114																		
115 New distribution operating expenditure recurring from 2012/13							[\$M real as at 30 June 2012]					[\$M real as at 30 June 2017]						
116 Reliability							-	-	-	-	-		-	-	-	-	-	
117 SCADA & Communications							-	-	-	-	-		-	-	-	-	-	
118 Non-revenue cap services							-	-	-	-	-		-	-	-	-	-	
119 Network Operations							-	-	-	-	-		-	-	-	-	-	
120 Smartgrid							-	-	-	-	-		-	-	-	-	-	
121 Maintenance Strategy							-	-	-	-	-		-	-	-	-	-	
122 Preventive Condition							-	-	-	-	-		-	-	-	-	-	
123 Preventive Routine							3.77	3.77	3.77	3.77	3.77		4.16	4.16	4.16	4.16	4.16	
124 Corrective Deferred							2.30	2.30	2.30	2.30	2.30		2.54	2.54	2.54	2.54	2.54	
125 Corrective Emergency							-	-	-	-	-		-	-	-	-	-	
126 Call Centre							-	-	-	-	-		-	-	-	-	-	
127 Metering							0.50	0.50	0.50	0.50	0.50		0.55	0.55	0.55	0.55	0.55	
128 Guaranteed service level payments							-	-	-	-	-		-	-	-	-	-	
129 Design & Estimating - Distribution Quotations							-	-	-	-	-		-	-	-	-	-	
130 Business Support							-	-	-	-	-		-	-	-	-	-	
131 IT							-	-	-	-	-		-	-	-	-	-	
132 Non-recurring opex							-	-	-	-	-		-	-	-	-	-	
133 Total							6.570	6.570	6.570	6.570	6.570		7.24	7.24	7.24	7.24	7.24	
134																		
135 New distribution operating expenditure recurring from 2013/14							[\$M real as at 30 June 2012]					[\$M real as at 30 June 2017]						
136 Reliability							-	-	-	-	-		-	-	-	-	-	
137 SCADA & Communications							-	-	-	-	-		-	-	-	-	-	
138 Non-revenue cap services							-	-	-	-	-		-	-	-	-	-	
139 Network Operations							-	-	-	-	-		-	-	-	-	-	
140 Smartgrid							-	-	-	-	-		-	-	-	-	-	
141 Maintenance Strategy							-	-	-	-	-		-	-	-	-	-	
142 Preventive Condition							-	-	-	-	-		-	-	-	-	-	
143 Preventive Routine							-	1.40	1.40	1.40	1.40		-	1.54	1.54	1.54	1.54	
144 Corrective Deferred							-	-	-	-	-		-	-	-	-	-	
145 Corrective Emergency							-	-	-	-	-		-	-	-	-	-	
146 Call Centre							-	-	-	-	-		-	-	-	-	-	

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Adjustment Input

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
147	Metering																	
148	Guaranteed service level payments																	
149	Design & Estimating - Distribution Quotations																	
150	Business Support																	
151	IT																	
152	Non-recurring opex																	
153	Total						-	1.400	1.400	1.400	1.400		-	1.54	1.54	1.54	1.54	
154																		
155	Base Transmission																	
156	SCADA & Communications						8.89	8.89	8.89	8.89	8.89		9.81	9.81	9.81	9.81	9.81	
157	Non-revenue cap services						-	-	-	-	-		-	-	-	-	-	
158	Network Operations						9.60	9.60	9.60	9.60	9.60		10.59	10.59	10.59	10.59	10.59	
159	Maintenance Strategy						-	-	-	-	-		-	-	-	-	-	
160	Preventive Condition						7.95	7.95	7.95	7.95	7.95		8.77	8.77	8.77	8.77	8.77	
161	Preventive Routine						13.97	13.97	13.97	13.97	13.97		15.41	15.41	15.41	15.41	15.41	
162	Corrective Deferred						8.12	8.12	8.12	8.12	8.12		8.96	8.96	8.96	8.96	8.96	
163	Corrective Emergency						0.75	0.75	0.75	0.75	0.75		0.82	0.82	0.82	0.82	0.82	
164	Business Support						-	-	-	-	-		-	-	-	-	-	
165	Non-recurring opex						-	-	-	-	-		-	-	-	-	-	
166	Total						49.292	49.292	49.292	49.292	49.292		54.35	54.35	54.35	54.35	54.35	
167																		
168	New transmission operating expenditure recurring from 2012/13																	
169	SCADA & Communications						1.00	1.00	1.00	1.00	1.00		1.10	1.10	1.10	1.10	1.10	
170	Non-revenue cap services						-	-	-	-	-		-	-	-	-	-	
171	Network Operations						-	-	-	-	-		-	-	-	-	-	
172	Maintenance Strategy						-	-	-	-	-		-	-	-	-	-	
173	Preventive Condition						0.02	0.02	0.02	0.02	0.02		0.02	0.02	0.02	0.02	0.02	
174	Preventive Routine						0.02	0.02	0.02	0.02	0.02		0.02	0.02	0.02	0.02	0.02	
175	Corrective Deferred						0.06	0.06	0.06	0.06	0.06		0.07	0.07	0.07	0.07	0.07	
176	Corrective Emergency						-	-	-	-	-		-	-	-	-	-	
177	Business Support						-	-	-	-	-		-	-	-	-	-	
178	Non-recurring opex						-	-	-	-	-		-	-	-	-	-	
179	Total						1.100	1.100	1.100	1.100	1.100		1.21	1.21	1.21	1.21	1.21	
180							257.85	259.25	259.25	259.25	259.25							
181	Actual operating expenditure in EIB category (\$ Nominal)																	
182	Distribution																	
183	D-Factor Scheme						1.96	1.71	1.61	1.51	0.62		2.11	1.78	1.66	1.54	0.62	
184	Technical rule changes						-	-	-	-	-		-	-	-	-	-	
185	Unforeseen events						-	-	-	-	-		-	-	-	-	-	
186	Superannuation for defined benefit schemes						0.06	0.38	-	0.20	0.21		0.06	0.39	-	0.21	0.21	
187	Non-revenue cap services						19.01	12.18	12.77	11.96	13.21		20.47	12.73	13.14	12.19	13.21	
188	License fees						0.04	0.03	0.34	-	-		0.04	0.03	0.35	-	-	
189	Energy safety levy						2.67	2.76	4.15	3.05	3.13		2.87	2.88	4.28	3.11	3.13	
190	Network Control Services						-	-	-	-	-		-	-	-	-	-	
191	ERA costs (Electricity Network Access Funding Regulations)						0.47	0.53	0.39	0.55	0.37		0.51	0.55	0.41	0.56	0.37	
192																		
193																		

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Adjustment Input

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
194 Transmission							[\$M nominal]					[\$M real as at 30 June 2017]						
195 D-Factor Scheme	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
196 Technical rule changes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
197 Unforeseen events	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
198 Superannuation for defined benefit schemes	0.03	0.12	-	-	-	0.07	0.08	-	-	-	-	0.03	0.12	-	-	0.08	0.08	-
199 Non-revenue cap services	12.61	4.56	3.38	5.38	4.03	-	-	-	-	-	-	13.58	4.77	3.48	5.49	4.03	-	-
200 License fees	0.02	0.02	-	-	-	-	-	-	-	-	-	0.02	0.02	-	-	-	-	-
201 Energy safety levy	1.35	1.36	-	-	-	1.27	1.30	-	-	-	-	1.45	1.42	-	-	1.29	1.30	-
202 Network Control Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
203 ERA costs (Electricity Network Access Funding Regulations)	0.24	0.26	-	-	-	0.23	0.15	-	-	-	-	0.26	0.27	-	-	0.23	0.15	-

205 **Investment adjustment mechanism (IAM) category inclusion flags [1=Include, 0=Exclude]**

206 **Year Ending 30 June**

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
--	------	------	------	------	------	------	------	------	------	------

207 **Distribution IAM category inclusion flags [1=Include, 0=Exclude]**

	Actual AA3					Proposed AA4				
208 Growth										
209 Capacity Expansion	1	1	1	1	1	1	1	1	1	1
210 Customer Driven	1	1	1	1	1	1	1	1	1	1
211 Gifted Assets	0	0	0	0	0	0	0	0	0	0
212 Asset replacement and renewal										
213 Asset Replacement	0	0	0	0	0	0	0	0	0	0
214 State Undergrounding Power Program (SUPP)	1	1	1	1	1	1	1	1	1	1
215 Metering	0	0	0	0	0	1	1	1	1	1
216 Smartgrid	0	0	0	0	0	0	0	0	0	0
217 Wood Pole Management	1	1	1	1	1	0	0	0	0	0
218 Improvement in service										
219 Reliability Driven	0	0	0	0	0	0	0	0	0	0
220 Rural Power Improvement Program (RPIP)	1	1	1	1	1	0	0	0	0	0
221 SCADA & Communications	0	0	0	0	0	0	0	0	0	0
222 Compliance										
223 Safety, Environmental & Statutory	0	0	0	0	0	0	0	0	0	0
224 Corporate										
225 IT	0	0	0	0	0	0	0	0	0	0
226 Business Support	0	0	0	0	0	0	0	0	0	0
227 Equity Raising Costs	0	0	0	0	0	0	0	0	0	0

228

229 **Transmission IAM category inclusion flags [1=Include, 0=Exclude]**

	Actual AA3					Proposed AA4				
230 Growth										
231 Capacity Expansion	1	1	1	1	1	1	1	1	1	1
232 Customer Driven	1	1	1	1	1	1	1	1	1	1
233 Generation Driven	1	1	1	1	1	1	1	1	1	1
234 Gifted Assets	0	0	0	0	0	0	0	0	0	0
235 Asset replacement and renewal										
236 Asset Replacement	0	0	0	0	0	0	0	0	0	0
237 Improvement in service										
238 Reliability Driven	0	0	0	0	0	0	0	0	0	0
239 SCADA & Communications	0	0	0	0	0	0	0	0	0	0
240 Compliance										
241 Safety, Environmental & Statutory	0	0	0	0	0	0	0	0	0	0

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Adjustment Input

242	Corporate																
243	IT					0	0	0	0	0			0	0	0	0	0
244	Business Support					0	0	0	0	0			0	0	0	0	0
245	Equity Raising Costs					0	0	0	0	0			0	0	0	0	0

247 Other Adjustment

248 Year Ending 30 June

249	Distribution																
250	Unforeseen events revenue adjustment [\$M nominal]																
251	Technical rule change revenue adjustment [\$M nominal]																
252	D-Factor adjustment [\$M nominal]																

	2013	2014	2015	2016	2017
Actual AA3					
-	-	-	-	-	-
-	-	-	-	-	-
1.96	1.71	1.61	1.51	0.62	

254	Unforeseen events revenue adjustment [\$M real as at 30 June 2017]																
255	Technical rule change revenue adjustment [\$M real as at 30 June 2017]																
256	D-Factor adjustment [\$M real as at 30 June 2017]																

-	-	-	-	-	-
-	-	-	-	-	-
2.11	1.78	1.66	1.54	0.62	

258 Transmission

259	Unforeseen events revenue adjustment [\$M nominal]																
260	Technical rule change revenue adjustment [\$M nominal]																
261	D-Factor adjustment [\$M nominal]																

-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

263	Unforeseen events revenue adjustment [\$M real as at 30 June 2017]																
264	Technical rule change revenue adjustment [\$M real as at 30 June 2017]																
265	D-Factor adjustment [\$M real as at 30 June 2017]																

-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

267 K-Factor

268 Year ending 30 June

269	Actual and Forecast Inflation (year ending 30 December for K factor calculation)																
270	December CPI																
271	December CPI (rebased)																
272	Actual and Forecast Inflation																
273	End of year inflation factor																

166.0	169.5	174.0	179.4														
			99.8	102.0	104.8	106.6	108.4	110.0									
			2.11%	2.65%	3.10%	2.20%	2.75%	1.72%	1.69%	1.48%							
			0.925	0.945	0.970	1.000	1.022	1.050	1.068	1.086	1.102						

275 Revenue

276	Forecast revenue																
277	Distribution																
278	Transmission																

[\$M real as at 30 June 2009]	[\$M nominal]						
675.37	804.78	836.72	953.89	1,035.37	1,191.07	1,217.99	
329.00	387.88	395.85	366.10	353.06	328.81	293.65	

280	Actual revenue [\$M nominal]																
281	Distribution																
282	Transmission																

	[\$M nominal]			[\$M nominal]			[\$M nominal]					
	327.56	427.54	461.97	513.90	711.27	804.78	835.21	968.28	1,043.28	1,173.62	1,217.99	
	200.40	215.34	227.27	270.33	345.42	387.88	387.30	363.67	350.26	324.25	293.65	

284	Target revenue																
285	Distribution																
286	Transmission																

[\$M real as at 30 June 2009]	[\$M real as at 30 June 2012]						
510.49	646.77	685.73	684.80	816.72	932.92	1,018.03	
332.05	384.34	387.27	328.08	321.43	290.64	262.80	

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision] Adjustment Input

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
287																		
288	Maximum revenue																	
289	Distribution																	
290	Transmission																	
291																		
292	Revenue (\$M real 30 June 2012)																	
293	Forecast revenue																	
294	Distribution																	
295	Transmission																	
296																		
297	Actual revenue																	
298	Distribution																	
299	Transmission																	
300																		
301	Target revenue																	
302	Distribution																	
303	Transmission																	
304																		
305	Maximum revenue																	
306	Distribution																	
307	Transmission																	

	[\$M real as at 30 June 2012]					
855.92	885.52	953.08	991.95	1,071.47	1,120.17	
414.07	413.75	355.48	337.49	300.34	263.14	

ERA Western Power AA4 Revenue Adjustment Input

	2	3	4	20	21		
4 Inflation				2018	2019	2020	2021
5 Year ending 30 June Financial Year				1.0184	1.0371	1.0562	1.0757

	2013	2014	2015	2016
7 Service Standard adjustment mechanism (SSAM)				
8 Year Ending 30 June				

9 SSAM revenue at risk

- 10 Distribution revenue at risk
- 11 Transmission revenue at risk

13 Distribution Performance

	Target			
14 SAIDI - CBD (minutes per annum)	20.3	20.3	20.3	20.3
15 SAIDI - Urban (minutes per annum)	136.6	136.6	136.6	136.6
16 SAIDI - Rural Short (minutes per annum)	207.8	207.8	207.8	207.8
17 SAIDI - Rural Long (minutes per annum)	582.2	582.2	582.2	582.2
18 SAIFI - CBD (interruptions per annum)	0.1	0.1	0.1	0.1
19 SAIFI - Urban (interruptions per annum)	1.4	1.4	1.4	1.4
20 SAIFI - Rural Short (interruptions per annum)	2.3	2.3	2.3	2.3
21 SAIFI - Rural Long (interruptions per annum)	4.1	4.1	4.1	4.1
22 Call centre performance (% of calls per year)	87.6	87.6	87.6	87.6
23 Street Lighting repair time - Metropolitan area	n/a	n/a	n/a	n/a
24 Street Lighting repair time - Regional area	n/a	n/a	n/a	n/a

26 Transmission performance

	Target			
27 Circuit Availability (% of hours per annum)	98.1	98.1	98.1	98.1
28 System Minutes Interrupted - Meshed (minutes per annum)	n/a	n/a	n/a	n/a
29 System Minutes Interrupted - Radial (minutes per annum)	1.9	1.9	1.9	1.9
30 Loss of Supply Event Frequency > 0.1 (# of events)	24.0	24.0	24.0	24.0
31 Loss of Supply Event Frequency > 1 (# of events)	2.0	2.0	2.0	2.0
32 Average Outage Duration (minutes per annum)	698.0	698.0	698.0	698.0

34 Distribution incentive rates

- 35 SAIDI - CBD - per SAIDI minute
- 36 SAIDI - Urban - per SAIDI minute
- 37 SAIDI - Rural Short - per SAIDI minute
- 38 SAIDI - Rural Long - per SAIDI minute
- 39 SAIFI - CBD - per 0.01 event
- 40 SAIFI - Urban - per 0.01 event
- 41 SAIFI - Rural Short - per 0.01 event
- 42 SAIFI - Rural Long - per 0.01 event
- 43 Call centre performance - per 0.1%

45 Transmission incentive rates

- 46 Circuit Availability - per 0.1%
- 47 System Minutes Interrupted - Radial - per minute
- 48 Loss of Supply Event Frequency >0.1 - per event
- 49 Loss of Supply Event Frequency >1 - per event
- 50 Average Outage Duration - per minute

ERA Western Power AA4 Revenue M Adjustment Input

	2	3	4	20	21
52	Distribution penalty rates				
53	SAIDI - CBD - per SAIDI minute				
54	SAIDI - Urban - per SAIDI minute				
55	SAIDI - Rural Short - per SAIDI minute				
56	SAIDI - Rural Long - per SAIDI minute				
57	SAIFI - CBD - per 0.01 event				
58	SAIFI - Urban - per 0.01 event				
59	SAIFI - Rural Short - per 0.01 event				
60	SAIFI - Rural Long - per 0.01 event				
61	Call centre performance - per 0.1%				
62					
63	Transmission penalty rates				
64	Circuit Availability - per 0.1%				
65	System Minutes Interrupted - Radial - per minute				
66	Loss of Supply Event Frequency >0.1 - per event				
67	Loss of Supply Event Frequency >1 - per event				
68	Average Outage Duration - per minute				
69					
70	Gain share mechanism (GSM)				
71	Year Ending 30 June				
72	Forecasted Escalation factors				
73	Customer numbers escalation				
74	Line length (a)				
75	Number of distribution transformers (b)				
76	Zone substation capacity (c)				
77	Network growth escalation				
78					
79	Actual escalation factors				
80	Number of customers				
81	Line Length				
82	Number of distribution transformers				
83	Zone substation capacity				
84					
85	Operating expenditure - Final decision efficiency and innovati				
86	ERA Final Decision EIB categories				
87	Superannuation costs for defined benefit schemes				
88	Non-revenue cap services cost				
89	Licence fees				
90	Energy safety levy				
91	Network control service				
92	ERA costs (Electricity Network Access Funding Regulations				
93					
94	Operating expenditure subject to scale escalation by regulato				
95	Base distribution				
96	Reliability				
97	SCADA & Communications				
98	Non-revenue cap services				
99	Network Operations				

**ERA Western Power AA4 Revenue M
Adjustment Input**

	2	3	4	20	21
100	Smartgrid				
101	Maintenance Strategy				
102	Preventive Condition				
103	Preventive Routine				
104	Corrective Deferred				
105	Corrective Emergency				
106	Call Centre				
107	Metering				
108	Guaranteed service level payments				
109	Design & Estimating - Distribution Quotations				
110	Business Support				
111	IT				
112	Non-recurring opex				
113	Total				
114					
115	New distribution operating expenditure recurring from 2012/13				
116	Reliability				
117	SCADA & Communications				
118	Non-revenue cap services				
119	Network Operations				
120	Smartgrid				
121	Maintenance Strategy				
122	Preventive Condition				
123	Preventive Routine				
124	Corrective Deferred				
125	Corrective Emergency				
126	Call Centre				
127	Metering				
128	Guaranteed service level payments				
129	Design & Estimating - Distribution Quotations				
130	Business Support				
131	IT				
132	Non-recurring opex				
133	Total				
134					
135	New distribution operating expenditure recurring from 2013/14				
136	Reliability				
137	SCADA & Communications				
138	Non-revenue cap services				
139	Network Operations				
140	Smartgrid				
141	Maintenance Strategy				
142	Preventive Condition				
143	Preventive Routine				
144	Corrective Deferred				
145	Corrective Emergency				
146	Call Centre				

**ERA Western Power AA4 Revenue M
Adjustment Input**

	2	3 4	20	21
147	Metering			
148	Guaranteed service level payments			
149	Design & Estimating - Distribution Quotations			
150	Business Support			
151	IT			
152	Non-recurring opex			
153	Total			
154				
155	Base Transmission			
156	SCADA & Communications			
157	Non-revenue cap services			
158	Network Operations			
159	Maintenance Strategy			
160	Preventive Condition			
161	Preventive Routine			
162	Corrective Deferred			
163	Corrective Emergency			
164	Business Support			
165	Non-recurring opex			
166	<hr/> Total			
167				
168	New transmission operating expenditure recurring from 2012/			
169	SCADA & Communications			
170	Non-revenue cap services			
171	Network Operations			
172	Maintenance Strategy			
173	Preventive Condition			
174	Preventive Routine			
175	Corrective Deferred			
176	Corrective Emergency			
177	Business Support			
178	Non-recurring opex			
179	<hr/> Total			
180				
181	Actual operating expenditure in EIB category (\$ Nominal)			
182	Distribution			
183	D-Factor Scheme			
184	Technical rule changes			
185	Unforeseen events			
186	Superannuation for defined benefit schemes			
187	Non-revenue cap services			
188	License fees			
189	Energy safety levy			
190	Network Control Services			
191	ERA costs (Electricity Network Access Funding Regulations			
192				
193				

ERA Western Power AA4 Revenue Adjustment Input

	2	3	4	20	21
194	Transmission				
195	D-Factor Scheme				
196	Technical rule changes				
197	Unforeseen events				
198	Superannuation for defined benefit schemes				
199	Non-revenue cap services				
200	License fees				
201	Energy safety levy				
202	Network Control Services				
203	ERA costs (Electricity Network Access Funding Regulations)				
204					
205	Investment adjustment mechanism (IAM) category inclusion flags				
206	Year Ending 30 June				
207	Distribution IAM category inclusion flags [1=Include, 0=Exclude]				
208	Growth				
209	Capacity Expansion				
210	Customer Driven				
211	Gifted Assets				
212	Asset replacement and renewal				
213	Asset Replacement				
214	State Undergrounding Power Program (SUPP)				
215	Metering				
216	Smartgrid				
217	Wood Pole Management				
218	Improvement in service				
219	Reliability Driven				
220	Rural Power Improvement Program (RPIP)				
221	SCADA & Communications				
222	Compliance				
223	Safety, Environmental & Statutory				
224	Corporate				
225	IT				
226	Business Support				
227	Equity Raising Costs				
228					
229	Transmission IAM category inclusion flags [1=Include, 0=Exclude]				
230	Growth				
231	Capacity Expansion				
232	Customer Driven				
233	Generation Driven				
234	Gifted Assets				
235	Asset replacement and renewal				
236	Asset Replacement				
237	Improvement in service				
238	Reliability Driven				
239	SCADA & Communications				
240	Compliance				
241	Safety, Environmental & Statutory				

ERA Western Power AA4 Revenue M Adjustment Input

	2	3	4	20	21
242	Corporate				
243	IT				
244	Business Support				
245	Equity Raising Costs				
246					
247	Other Adjustment				
248	Year Ending 30 June				
249	Distribution				
250	Unforeseen events revenue adjustment [\$M nominal]				
251	Technical rule change revenue adjustment [\$M nominal]				
252	D-Factor adjustment [\$M nominal]				
253					
254	Unforeseen events revenue adjustment [\$M real as at 30 June 2017]				
255	Technical rule change revenue adjustment [\$M real as at 30 June 2017]				
256	D-Factor adjustment [\$M real as at 30 June 2017]				
257					
258	Transmission				
259	Unforeseen events revenue adjustment [\$M nominal]				
260	Technical rule change revenue adjustment [\$M nominal]				
261	D-Factor adjustment [\$M nominal]				
262					
263	Unforeseen events revenue adjustment [\$M real as at 30 June 2017]				
264	Technical rule change revenue adjustment [\$M real as at 30 June 2017]				
265	D-Factor adjustment [\$M real as at 30 June 2017]				
266					
267	K-Factor				
268	Year ending 30 June				
269	Actual and Forecast Inflation (year ending 30 December for K)				
270	December CPI				
271	December CPI (rebased)				
272	Actual and Forecast Inflation				
273	End of year inflation factor				
274					
275	Revenue				
276	Forecast revenue				
277	Distribution				
278	Transmission				
279					
280	Actual revenue [\$M nominal]				
281	Distribution				
282	Transmission				
283					
284	Target revenue				
285	Distribution				
286	Transmission				

**ERA Western Power AA4 Revenue M
Adjustment Input**

	2	3	4	20	21
287					
288	Maximum revenue				
289	Distribution				
290	Transmission				
291					
292	Revenue (\$M real 30 June 2012)				
293	Forecast revenue				
294	Distribution				
295	Transmission				
296					
297	Actual revenue				
298	Distribution				
299	Transmission				
300					
301	Target revenue				
302	Distribution				
303	Transmission				
304					
305	Maximum revenue				
306	Distribution				
307	Transmission				

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Distribution Asset

	2	3	4	5	6	7	8	9	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June									2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5 Project Year									7	8	9	10	11	12	13	14	15	16
6 Regulatory Period									AA3					AA4				
7 Distribution RAB Summary																		
8 Opening Asset Value									4,248.70	4,696.93	5,131.43	5,483.01	5,715.99	5,791.31	6,009.25	6,223.57	6,465.61	6,595.71
9 Capex									667.00	671.49	618.41	502.28	357.43	473.95	489.82	528.91	417.08	419.02
10 Depreciation									-214.05	-236.18	-261.90	-266.49	-281.50	-256.01	-275.50	-286.86	-286.98	-276.03
11 Accelerated Depreciation									-3.80	-0.51	-	-	-	-	-	-	-	
12 Redundant Asset									-0.93	-0.30	-4.93	-2.81	-0.62	-	-	-	-	
13 Closing Asset Value									4,696.93	5,131.43	5,483.01	5,715.99	5,791.31	6,009.25	6,223.57	6,465.61	6,595.71	6,738.70
14																		
15 Distribution RAB by asset categories																		
16 Opening Value																		
17 Wooden Pole Lines									1,247.08	1,508.99	1,827.99	2,053.36	2,177.59	2,189.62	2,304.77	2,381.33	2,439.28	2,507.48
18 Underground Cables									1,548.14	1,584.73	1,605.45	1,624.29	1,639.55	1,649.78	1,669.42	1,692.32	1,704.11	1,709.03
19 Transformers									501.82	606.94	694.23	790.18	867.70	917.07	958.13	1,003.52	1,046.43	1,086.62
20 Switchgear									414.19	466.20	513.32	560.79	591.83	607.99	619.74	635.94	654.61	676.12
21 Street lighting									96.43	96.10	95.17	95.12	94.90	93.21	90.22	87.50	84.54	81.23
22 Meters and Services									157.29	142.40	123.80	105.35	114.50	123.89	133.14	146.53	162.37	178.24
23 IT&T									120.73	124.33	116.68	111.98	96.49	97.93	102.53	114.79	120.37	110.96
24 SCADA & Communications									22.45	22.50	21.12	18.08	14.27	11.87	22.24	30.53	40.34	48.00
25 Other Distribution Non-Network									114.55	114.12	98.46	88.74	82.77	64.18	73.65	96.04	178.86	163.68
26 Distribution Land & Easements									26.02	25.10	25.06	21.41	21.41	21.15	21.15	21.15	21.15	21.15
27 Equity Raising Costs									-	5.53	10.14	13.71	14.98	14.63	14.27	13.91	13.56	13.20
28 Total									4,248.70	4,696.93	5,131.43	5,483.01	5,715.99	5,791.31	6,009.25	6,223.57	6,465.61	6,595.71
29 Capex (Actual AA1, AA2, AA3 & Forecast AA4)																		
30 Wooden Pole Lines									328.04	389.40	303.87	212.17	105.05	209.59	176.12	161.79	156.86	149.57
31 Underground Cables									72.26	57.71	57.08	54.76	50.98	60.16	64.42	54.38	48.42	55.56
32 Transformers									131.44	116.70	128.98	114.24	89.55	83.08	89.78	89.87	89.71	97.11
33 Switchgear									72.79	69.73	72.02	57.57	44.45	41.35	47.00	45.70	44.76	48.64
34 Street lighting									5.26	4.89	6.01	6.05	4.77	3.97	4.44	4.42	4.28	4.80
35 Meters and Services									12.29	9.24	12.04	23.50	21.37	15.39	20.56	24.37	26.04	26.45
36 IT&T									20.16	13.62	21.12	12.64	30.95	29.51	38.62	35.30	24.70	17.17
37 SCADA & Communications									3.60	2.83	2.76	3.77	5.06	10.28	11.70	14.13	13.07	12.01
38 Other Distribution Non-Network									15.62	2.63	10.73	15.98	5.25	20.62	37.18	98.94	9.25	7.71
39 Distribution Land & Easements									-	-	-	-	-	-	-	-	-	-
40 Equity Raising Costs									5.53	4.74	3.80	1.59	-	-	-	-	-	-
41 Total									667.00	671.49	618.41	502.28	357.43	473.95	489.82	528.91	417.08	419.02
42 Depreciation																		
43 Wooden Pole Lines									-63.29	-69.75	-77.22	-85.13	-93.02	-94.44	-99.55	-103.85	-88.66	-73.34
44 Underground Cables									-35.68	-36.98	-38.24	-39.50	-40.75	-40.52	-41.52	-42.60	-43.50	-44.31
45 Transformers									-25.56	-29.32	-33.03	-36.72	-40.19	-42.02	-44.39	-46.95	-49.52	-52.09
46 Switchgear									-20.59	-22.58	-24.56	-26.53	-28.28	-29.61	-30.79	-27.04	-23.25	-24.52
47 Street lighting									-5.59	-5.83	-6.05	-6.27	-6.47	-6.96	-7.16	-7.38	-7.60	-7.81

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Distribution Asset

	2	3	4	5	6	7	8	9	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June								2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
5 Project Year								7	8	9	10	11	12	13	14	15	16	
6 Regulatory Period								AA3			AA4							
48 Meters and Services								-27.17	-27.84	-30.49	-14.34	-11.98	-6.14	-7.17	-8.54	-10.17	-11.90	
49 IT&T								-16.55	-21.28	-25.82	-28.13	-29.51	-24.91	-26.36	-29.71	-34.11	-32.04	
50 SCADA & Communications								-3.55	-4.21	-5.80	-7.57	-7.47	0.09	-3.42	-4.32	-5.41	-6.37	
51 Other Distribution Non-Network								-16.06	-18.28	-20.45	-21.95	-23.47	-11.15	-14.79	-16.12	-24.43	-23.29	
52 Distribution Land & Easements								-	-	-	-	-	-	-	-	-	-	
53 Equity Raising Costs								-	-0.13	-0.23	-0.32	-0.36	-0.36	-0.36	-0.36	-0.36	-0.36	
54 Total								-214.05	-236.18	-261.90	-266.49	-281.50	-256.01	-275.50	-286.86	-286.98	-276.03	
55 Accelerated Depreciation																		
56 Wooden Pole Lines								-2.85	-0.38	-	-	-	-	-	-	-	-	
57 Underground Cables								-	-	-	-	-	-	-	-	-	-	
58 Transformers								-0.76	-0.10	-	-	-	-	-	-	-	-	
59 Switchgear								-0.19	-0.03	-	-	-	-	-	-	-	-	
60 Street lighting								-	-	-	-	-	-	-	-	-	-	
61 Meters and Services								-	-	-	-	-	-	-	-	-	-	
62 IT&T								-	-	-	-	-	-	-	-	-	-	
63 SCADA & Communications								-	-	-	-	-	-	-	-	-	-	
64 Other Distribution Non-Network								-	-	-	-	-	-	-	-	-	-	
65 Distribution Land & Easements								-	-	-	-	-	-	-	-	-	-	
66 Equity Raising Costs								-	-	-	-	-	-	-	-	-	-	
67 Total								-3.80	-0.51	-	-	-	-	-	-	-	-	
68 Redundant Assets																		
69 Wooden Pole Lines								-	-0.27	-1.28	-2.81	-	-	-	-	-	-	
70 Underground Cables								-	-	-	-	-	-	-	-	-	-	
71 Transformers								-	-	-	-	-	-	-	-	-	-	
72 Switchgear								-	-	-	-	-	-	-	-	-	-	
73 Street lighting								-	-	-	-	-	-	-	-	-	-	
74 Meters and Services								-	-	-	-	-	-	-	-	-	-	
75 IT&T								-	-	-	-	-	-	-	-	-	-	
76 SCADA & Communications								-	-	-	-	-	-	-	-	-	-	
77 Other Distribution Non-Network								-	-	-	-	-	-	-	-	-	-	
78 Distribution Land & Easements								-0.93	-0.03	-3.65	-	-0.36	-0.26	-	-	-	-	
79 Equity Raising Costs								-	-	-	-	-	-	-	-	-	-	
80 Total								-0.93	-0.30	-4.93	-2.81	-0.62	-	-	-	-	-	
81 Closing Value																		
82 Wooden Pole Lines								1,508.99	1,827.99	2,053.36	2,177.59	2,189.62	2,304.77	2,381.33	2,439.28	2,507.48	2,583.71	
83 Underground Cables								1,584.73	1,605.45	1,624.29	1,639.55	1,649.78	1,669.42	1,692.32	1,704.11	1,709.03	1,720.28	
84 Transformers								606.94	694.23	790.18	867.70	917.07	958.13	1,003.52	1,046.43	1,086.62	1,131.64	
85 Switchgear								466.20	513.32	560.79	591.83	607.99	619.74	635.94	654.61	676.12	700.23	
86 Street lighting								96.10	95.17	95.12	94.90	93.21	90.22	87.50	84.54	81.23	78.22	
87 Meters and Services								142.40	123.80	105.35	114.50	123.89	133.14	146.53	162.37	178.24	192.79	
88 IT&T								124.33	116.68	111.98	96.49	97.93	102.53	114.79	120.37	110.96	96.10	

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Distribution Asset

	2	3	4	5	6	7	8	9	17	18	19	20	21	22	23	24	25	26	
4 Year Ending 30 June									2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
5 Project Year									7	8	9	10	11	12	13	14	15	16	
6 Regulatory Period									AA3					AA4					
89 SCADA & Communications									22.50	21.12	18.08	14.27	11.87	22.24	30.53	40.34	48.00	53.64	
90 Other Distribution Non-Network									114.12	98.46	88.74	82.77	64.18	73.65	96.04	178.86	163.68	148.10	
91 Distribution Land & Easements									25.10	25.06	21.41	21.41	21.15	21.15	21.15	21.15	21.15	21.15	
92 Equity Raising Costs									5.53	10.14	13.71	14.98	14.63	14.27	13.91	13.56	13.20	12.85	
93 Total									4,696.93	5,131.43	5,483.01	5,715.99	5,791.31	6,009.25	6,223.57	6,465.61	6,595.71	6,738.70	
94																			
95 Initial Capital Base (ICB) (\$M Real 30/06/2017)									2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
96 Project Year									7	8	9	10	11	12	13	14	15	16	
97 Opening Value																			
98 Wooden Pole Lines									339.70	296.89	256.66	215.85	173.51	133.99	95.70	57.42	19.14	-	
99 Underground Cables									577.75	559.05	540.35	521.66	502.96	484.26	465.56	446.87	428.17	409.47	
100 Transformers									164.85	148.97	133.82	118.78	103.75	88.71	73.67	58.64	43.60	28.57	
101 Switchgear									76.72	66.30	56.07	45.88	35.68	25.49	15.29	5.10	-	-	
102 Street lighting									-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	
103 Meters and Services									75.42	51.85	28.28	4.71	0.00	0.00	0.00	0.00	0.00	0.00	
104 IT&T									6.68	4.92	3.16	1.41	0.00	0.00	0.00	0.00	0.00	0.00	
105 SCADA & Communications									6.81	5.19	3.57	1.95	0.32	-0.00	-0.00	-0.00	-0.00	-0.00	
106 Other Distribution Non-Network									30.97	25.13	19.28	13.44	7.60	1.40	-	-	-	-	
107 Distribution Land & Easements									26.02	25.10	25.06	21.41	21.41	21.15	21.15	21.15	21.15	21.15	
108 Equity Raising Costs									-	-	-	-	-	-	-	-	-	-	
109 Total									1,304.917	1,183.384	1,066.256	945.080	845.230	754.988	671.382	589.173	512.061	459.187	
110 Depreciation																			
									ICB Life as at 30/06/2006										
111 Wooden Pole Lines									14.5	-39.96	-39.59	-39.53	-39.53	-39.53	-38.281	-38.281	-38.281	-19.141	-
112 Underground Cables									36.9	-18.70	-18.70	-18.70	-18.70	-18.70	-18.697	-18.697	-18.697	-18.697	-18.697
113 Transformers									16.9	-15.12	-15.05	-15.04	-15.04	-15.04	-15.036	-15.036	-15.036	-15.036	-15.036
114 Switchgear									13.5	-10.23	-10.20	-10.19	-10.19	-10.19	-10.195	-10.195	-5.097	-	-
115 Street lighting									1.2	-	-	-	-	-	-	-	-	-	-
116 Meters and Services									9.2	-23.57	-23.57	-23.57	-4.71	-	-	-	-	-	-
117 IT&T									9.8	-1.76	-1.76	-1.76	-1.41	-	-	-	-	-	-
118 SCADA & Communications									10.2	-1.62	-1.62	-1.62	-1.62	-0.32	-	-	-	-	-
119 Other Distribution Non-Network									11.3	-5.84	-5.84	-5.84	-5.84	-5.84	-1.397	-	-	-	-
120 Distribution Land & Easements									-	-	-	-	-	-	-	-	-	-	-
121 Equity Raising Costs									-	-	-	-	-	-	-	-	-	-	-
122 Total									-116.81	-116.32	-116.25	-97.04	-89.62	-83.61	-82.21	-77.11	-52.87	-33.73	
123 Accelerated Depreciation																			
124 Wooden Pole Lines									-2.85	-0.38	-	-	-	-	-	-	-	-	-
125 Underground Cables									-	-	-	-	-	-	-	-	-	-	-
126 Transformers									-0.76	-0.10	-	-	-	-	-	-	-	-	-
127 Switchgear									-0.19	-0.03	-	-	-	-	-	-	-	-	-
128 Street lighting									-	-	-	-	-	-	-	-	-	-	-
129 Meters and Services									-	-	-	-	-	-	-	-	-	-	-

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Distribution Asset

	2	3	4	5	6	7	8	9	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June																	
5	Project Year																	
6	Regulatory Period																	
	7	8	9	10	11	12	13	14	15	16								
	AA3							AA4										
130	IT&T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
131	SCADA & Communications	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
132	Other Distribution Non-Network	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
133	Distribution Land & Easements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
134	Equity Raising Costs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
135	Total	-3.80	-0.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136	Redundant Assets																	
137	Wooden Pole Lines	-	-0.27	-1.28	-2.81	-	-	-	-	-	-	-	-	-	-	-	-	-
138	Underground Cables	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
139	Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	Switchgear	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
141	Street lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
142	Meters and Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
143	IT&T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
144	SCADA & Communications	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
145	Other Distribution Non-Network	-	-	-	-	-	-	-	-	-0.36	-	-	-	-	-	-	-	-
146	Distribution Land & Easements	-0.93	-0.03	-3.65	-	-0.26	-	-	-	-	-	-	-	-	-	-	-	-
147	Equity Raising Costs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
148	Total	-0.93	-0.30	-4.93	-2.81	-0.62	-	-	-	-	-	-	-	-	-	-	-	-
149	Closing Value																	
150	Wooden Pole Lines	296.89	256.66	215.85	173.51	133.99	95.70	57.42	19.14	-	-	-	-	-	-	-	-	-
151	Underground Cables	559.05	540.35	521.66	502.96	484.26	465.56	446.87	428.17	409.47	390.78	-	-	-	-	-	-	-
152	Transformers	148.97	133.82	118.78	103.75	88.71	73.67	58.64	43.60	28.57	13.53	-	-	-	-	-	-	-
153	Switchgear	66.30	56.07	45.88	35.68	25.49	15.29	5.10	-	-	-	-	-	-	-	-	-	-
154	Street lighting	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-	-	-	-	-	-	-
155	Meters and Services	51.85	28.28	4.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-
156	IT&T	4.92	3.16	1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-
157	SCADA & Communications	5.19	3.57	1.95	0.32	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-	-	-	-	-	-	-
158	Other Distribution Non-Network	25.13	19.28	13.44	7.60	1.40	-	-	-	-	-	-	-	-	-	-	-	-
159	Distribution Land & Easements	25.10	25.06	21.41	21.41	21.15	21.15	21.15	21.15	21.15	21.15	-	-	-	-	-	-	-
160	Equity Raising Costs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
161	Total	1,183.38	1,066.26	945.08	845.23	754.99	671.38	589.17	512.06	459.19	425.45	-	-	-	-	-	-	-
162																		
163	Capital Expenditure																	
164	Project Year																	
165	Opening Value																	
166	Wooden Pole Lines	907.38	1,212.10	1,571.34	1,837.51	2,004.07	2,055.63	2,209.06	2,323.91	2,420.14	2,507.48	-	-	-	-	-	-	-
167	Underground Cables	970.40	1,025.68	1,065.10	1,102.64	1,136.59	1,165.51	1,203.86	1,245.46	1,275.94	1,299.56	-	-	-	-	-	-	-
168	Transformers	336.97	457.97	560.41	671.40	763.96	828.36	884.45	944.88	1,002.83	1,058.05	-	-	-	-	-	-	-
169	Switchgear	337.47	399.91	457.25	514.91	556.15	582.51	604.44	630.85	654.61	676.12	-	-	-	-	-	-	-
170	Street lighting	96.43	96.10	95.17	95.12	94.90	93.21	90.22	87.50	84.54	81.23	-	-	-	-	-	-	-
171	Meters and Services	81.87	90.55	95.52	100.63	114.50	123.89	133.14	146.53	162.37	178.24	-	-	-	-	-	-	-

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Distribution Asset

	2	3	4	5	6	7	8	9	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June																	
5	Project Year																	
6	Regulatory Period																	
	7	8	AA3					AA4					14	15	16			
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022								
172	IT&T	114.05	119.41	113.52	110.57	96.49	97.93	102.53	114.79	120.37	110.96							
173	SCADA & Communications	15.64	17.31	17.56	16.13	13.95	11.87	22.24	30.53	40.34	48.00							
174	Other Distribution Non-Network	83.59	88.99	79.18	75.30	75.17	62.78	73.65	96.04	178.86	163.68							
175	Distribution Land & Easements	-	-	-	-	-	-	-	-	-	-							
176	Equity Raising Costs	-	5.53	10.14	13.71	14.98	14.63	14.27	13.91	13.56	13.20							
177	Total	2,943.79	3,513.55	4,065.18	4,537.93	4,870.76	5,036.32	5,337.86	5,634.40	5,953.55	6,136.53							
178	Capex (i.e. Owner's Capex - Cash Contribution)																	
179	Wooden Pole Lines	328.04	389.40	303.87	212.17	105.05	209.59	176.12	161.79	156.86	149.57							
180	Underground Cables	72.26	57.71	57.08	54.76	50.98	60.16	64.42	54.38	48.42	55.56							
181	Transformers	131.44	116.70	128.98	114.24	89.55	83.08	89.78	89.87	89.71	97.11							
182	Switchgear	72.79	69.73	72.02	57.57	44.45	41.35	47.00	45.70	44.76	48.64							
183	Street lighting	5.26	4.89	6.01	6.05	4.77	3.97	4.44	4.42	4.28	4.80							
184	Meters and Services	12.29	9.24	12.04	23.50	21.37	15.39	20.56	24.37	26.04	26.45							
185	IT&T	20.16	13.62	21.12	12.64	30.95	29.51	38.62	35.30	24.70	17.17							
186	SCADA & Communications	3.60	2.83	2.76	3.77	5.06	10.28	11.70	14.13	13.07	12.01							
187	Other Distribution Non-Network	15.62	2.63	10.73	15.98	5.25	20.62	37.18	98.94	9.25	7.71							
188	Distribution Land & Easements	-	-	-	-	-	-	-	-	-	-							
189	Equity Raising Costs	5.53	4.74	3.80	1.59	-	-	-	-	-	-							
190	Total	667.00	671.49	618.41	502.28	357.43	473.95	489.82	528.91	417.08	419.02							
191	CAPEX Depreciation																	
192	Wooden Pole Lines	-23.326	-30.166	-37.696	-45.606	-53.489	-56.161	-61.273	-65.568	-69.514	-73.340							
193	Underground Cables	-16.981	-18.284	-19.545	-20.806	-22.057	-21.822	-22.825	-23.899	-24.805	-25.612							
194	Transformers	-10.436	-14.268	-17.990	-21.688	-25.154	-26.981	-29.354	-31.919	-34.487	-37.050							
195	Switchgear	-10.360	-12.385	-14.364	-16.340	-18.089	-19.415	-20.597	-21.940	-23.246	-24.524							
196	Street lighting	-5.585	-5.827	-6.053	-6.271	-6.467	-6.958	-7.156	-7.378	-7.599	-7.813							
197	Meters and Services	-3.603	-4.269	-6.921	-9.630	-11.981	-6.144	-7.170	-8.541	-10.165	-11.902							
198	IT	-14.797	-19.517	-24.065	-26.727	-29.509	-24.908	-26.360	-29.712	-34.107	-32.039							
199	SCADA & Communications	-1.931	-2.584	-4.184	-5.954	-7.143	0.093	-3.417	-4.320	-5.406	-6.372							
200	Other Distribution Non-Network	-10.221	-12.439	-14.608	-16.111	-17.629	-9.755	-14.786	-16.119	-24.427	-23.293							
201	Distribution Land & Easements	-	-	-	-	-	-	-	-	-	-							
202	Equity Raising Costs	-	-0.126	-0.233	-0.320	-0.356	-0.356	-0.356	-0.356	-0.356	-0.356							
203	Total	-97.240	-119.865	-145.660	-169.452	-191.875	-172.406	-193.293	-209.751	-234.111	-242.302							
204																		
205	Depreciation 1																	
		1	Life															
206	Wooden Pole Lines	1	41.00	-2.510	-2.510	-2.510	-2.510	-2.510	-2.510	-2.510	-2.510							
207	Underground Cables	1	60.00	-3.257	-3.257	-3.257	-3.257	-3.257	-3.257	-3.257	-3.257							
208	Transformers	1	35.00	-1.849	-1.849	-1.849	-1.849	-1.849	-1.849	-1.849	-1.849							
209	Switchgear	1	35.00	-1.425	-1.425	-1.425	-1.425	-1.425	-1.425	-1.425	-1.425							
210	Street lighting	1	20.00	-0.977	-0.977	-0.977	-0.977	-0.977	-0.977	-0.977	-0.977							
211	Meters and Services	1	25.00	-0.503	-0.503	-0.503	-0.503	-0.503	-0.503	-0.503	-0.503							
212	IT	1	10.16	-1.890	-1.890	-1.890	-1.890	-1.890	-0.302	-	-							

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Distribution Asset

	2	3	4	5	6	7	8	9	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June																	
5	Project Year																	
6	Regulatory Period																	
									2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
									7	8	9	10	11	12	13	14	15	16
									AA3				AA4					
213	SCADA & Communications	1	10.16						-0.253	-0.253	-0.253	-0.253	-0.253	-0.040	-	-	-	-
214	Other Distribution Non-Network	1	10.16						-0.866	-0.866	-0.866	-0.866	-0.866	-0.139	-	-	-	-
215	Distribution Land & Easements	1	-						-	-	-	-	-	-	-	-	-	-
216	Equity Raising Costs	1	-						-	-	-	-	-	-	-	-	-	-
217	Total								-13.530	-13.530	-13.530	-13.530	-13.530	-11.002	-10.521	-10.521	-10.521	-10.521
218	Depreciation 2	2																
219	Wooden Pole Lines	2	41.00						-3.041	-3.041	-3.041	-3.041	-3.041	-3.041	-3.041	-3.041	-3.041	-3.041
220	Underground Cables	2	60.00						-3.105	-3.105	-3.105	-3.105	-3.105	-3.105	-3.105	-3.105	-3.105	-3.105
221	Transformers	2	35.00						-1.760	-1.760	-1.760	-1.760	-1.760	-1.760	-1.760	-1.760	-1.760	-1.760
222	Switchgear	2	35.00						-1.611	-1.611	-1.611	-1.611	-1.611	-1.611	-1.611	-1.611	-1.611	-1.611
223	Street lighting	2	20.00						-0.953	-0.953	-0.953	-0.953	-0.953	-0.953	-0.953	-0.953	-0.953	-0.953
224	Meters and Services	2	25.00						-0.541	-0.541	-0.541	-0.541	-0.541	-0.541	-0.541	-0.541	-0.541	-0.541
225	IT	2	10.16						-3.790	-3.790	-3.790	-3.790	-3.790	-3.790	-0.606	-	-	-
226	SCADA & Communications	2	10.16						-0.255	-0.255	-0.255	-0.255	-0.255	-0.255	-0.041	-	-	-
227	Other Distribution Non-Network	2	10.16						-0.876	-0.876	-0.876	-0.876	-0.876	-0.876	-0.140	-	-	-
228	Distribution Land & Easements	2	-						-	-	-	-	-	-	-	-	-	-
229	Equity Raising Costs	2	-						-	-	-	-	-	-	-	-	-	-
230	Total								-15.931	-15.931	-15.931	-15.931	-15.931	-15.931	-11.797	-11.010	-11.010	-11.010
231	Depreciation 3	3																
232	Wooden Pole Lines	3	41.00						-4.231	-4.231	-4.231	-4.231	-4.231	-4.231	-4.231	-4.231	-4.231	-4.231
233	Underground Cables	3	60.00						-4.240	-4.240	-4.240	-4.240	-4.240	-4.240	-4.240	-4.240	-4.240	-4.240
234	Transformers	3	35.00						-2.520	-2.520	-2.520	-2.520	-2.520	-2.520	-2.520	-2.520	-2.520	-2.520
235	Switchgear	3	35.00						-2.301	-2.301	-2.301	-2.301	-2.301	-2.301	-2.301	-2.301	-2.301	-2.301
236	Street lighting	3	20.00						-1.400	-1.400	-1.400	-1.400	-1.400	-1.400	-1.400	-1.400	-1.400	-1.400
237	Meters and Services	3	25.00						-0.602	-0.602	-0.602	-0.602	-0.602	-0.602	-0.602	-0.602	-0.602	-0.602
238	IT	3	10.16						-2.189	-2.189	-2.189	-2.189	-2.189	-2.189	-2.189	-0.350	-	-
239	SCADA & Communications	3	10.16						-0.248	-0.248	-0.248	-0.248	-0.248	-0.248	-0.248	-0.040	-	-
240	Other Distribution Non-Network	3	10.16						-2.602	-2.602	-2.602	-2.602	-2.602	-2.602	-2.602	-0.416	-	-
241	Distribution Land & Easements	3	-						-	-	-	-	-	-	-	-	-	-
242	Equity Raising Costs	3	-						-	-	-	-	-	-	-	-	-	-
243	Total								-20.333	-20.333	-20.333	-20.333	-20.333	-20.333	-20.333	-16.100	-15.293	-15.293
244	Depreciation 4	4																
245	Wooden Pole Lines	4	41.00						-3.929	-3.929	-3.929	-3.929	-3.929	-3.929	-3.929	-3.929	-3.929	-3.929
246	Underground Cables	4	60.00						-2.442	-2.442	-2.442	-2.442	-2.442	-2.442	-2.442	-2.442	-2.442	-2.442
247	Transformers	4	35.00						-1.492	-1.492	-1.492	-1.492	-1.492	-1.492	-1.492	-1.492	-1.492	-1.492
248	Switchgear	4	35.00						-1.564	-1.564	-1.564	-1.564	-1.564	-1.564	-1.564	-1.564	-1.564	-1.564
249	Street lighting	4	20.00						-0.792	-0.792	-0.792	-0.792	-0.792	-0.792	-0.792	-0.792	-0.792	-0.792
250	Meters and Services	4	25.00						-0.509	-0.509	-0.509	-0.509	-0.509	-0.509	-0.509	-0.509	-0.509	-0.509
251	IT	4	10.16						-1.355	-1.355	-1.355	-1.355	-1.355	-1.355	-1.355	-1.355	-0.217	-
252	SCADA & Communications	4	10.16						-0.316	-0.316	-0.316	-0.316	-0.316	-0.316	-0.316	-0.316	-0.050	-
253	Other Distribution Non-Network	4	10.16						-1.207	-1.207	-1.207	-1.207	-1.207	-1.207	-1.207	-1.207	-0.193	-

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Distribution Asset

	2	3	4	5	6	7	8	9	17	18	19	20	21	22	23	24	25	26		
4	Year Ending 30 June																			
5	Project Year																			
6	Regulatory Period																			
									2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
									7	8	9	10	11	12	13	14	15	16		
									AA3						AA4					
254	Distribution Land & Easements		4	-					-	-	-	-	-	-	-	-	-	-		
255	Equity Raising Costs		4	-					-	-	-	-	-	-	-	-	-	-		
256	Total								-13.605	-13.605	-13.605	-13.605	-13.605	-13.605	-13.605	-13.605	-11.188	-10.728		
257	Depreciation 5		5																	
258	Wooden Pole Lines		5	41.00					-3.718	-3.718	-3.718	-3.718	-3.718	-3.718	-3.718	-3.718	-3.718	-3.718		
259	Underground Cables		5	60.00					-2.176	-2.176	-2.176	-2.176	-2.176	-2.176	-2.176	-2.176	-2.176	-2.176		
260	Transformers		5	35.00					-1.453	-1.453	-1.453	-1.453	-1.453	-1.453	-1.453	-1.453	-1.453	-1.453		
261	Switchgear		5	35.00					-1.537	-1.537	-1.537	-1.537	-1.537	-1.537	-1.537	-1.537	-1.537	-1.537		
262	Street lighting		5	20.00					-0.794	-0.794	-0.794	-0.794	-0.794	-0.794	-0.794	-0.794	-0.794	-0.794		
263	Meters and Services		5	25.00					-0.715	-0.715	-0.715	-0.715	-0.715	-0.715	-0.715	-0.715	-0.715	-0.715		
264	IT		5	10.16					-2.401	-2.401	-2.401	-2.401	-2.401	-2.401	-2.401	-2.401	-2.401	-0.384		
265	SCADA & Communications		5	10.16					-0.320	-0.320	-0.320	-0.320	-0.320	-0.320	-0.320	-0.320	-0.320	-0.051		
266	Other Distribution Non-Network		5	10.16					-2.204	-2.204	-2.204	-2.204	-2.204	-2.204	-2.204	-2.204	-2.204	-0.353		
267	Distribution Land & Easements		5	-					-	-	-	-	-	-	-	-	-	-		
268	Equity Raising Costs		5	-					-	-	-	-	-	-	-	-	-	-		
269	Total								-15.319	-15.319	-15.319	-15.319	-15.319	-15.319	-15.319	-15.319	-15.319	-11.182		
270	Depreciation 6		6																	
271	Wooden Pole Lines		6	41.00					-5.898	-5.898	-5.898	-5.898	-5.898	-5.898	-5.898	-5.898	-5.898	-5.898		
272	Underground Cables		6	60.00					-1.761	-1.761	-1.761	-1.761	-1.761	-1.761	-1.761	-1.761	-1.761	-1.761		
273	Transformers		6	35.00					-1.362	-1.362	-1.362	-1.362	-1.362	-1.362	-1.362	-1.362	-1.362	-1.362		
274	Switchgear		6	35.00					-1.923	-1.923	-1.923	-1.923	-1.923	-1.923	-1.923	-1.923	-1.923	-1.923		
275	Street lighting		6	20.00					-0.669	-0.669	-0.669	-0.669	-0.669	-0.669	-0.669	-0.669	-0.669	-0.669		
276	Meters and Services		6	25.00					-0.733	-0.733	-0.733	-0.733	-0.733	-0.733	-0.733	-0.733	-0.733	-0.733		
277	IT		6	10.16					-3.171	-3.171	-3.171	-3.171	-3.171	-3.171	-3.171	-3.171	-3.171	-3.171		
278	SCADA & Communications		6	10.16					-0.539	-0.539	-0.539	-0.539	-0.539	-0.539	-0.539	-0.539	-0.539	-0.539		
279	Other Distribution Non-Network		6	10.16					-2.466	-2.466	-2.466	-2.466	-2.466	-2.466	-2.466	-2.466	-2.466	-2.466		
280	Distribution Land & Easements		6	-					-	-	-	-	-	-	-	-	-	-		
281	Equity Raising Costs		6	-					-	-	-	-	-	-	-	-	-	-		
282	Total								-18.523	-18.523	-18.523	-18.523	-18.523	-18.523	-18.523	-18.523	-18.523	-18.523		
283	Depreciation 7		7																	
284	Wooden Pole Lines		7	41.00					-	-6.840	-6.840	-6.840	-6.840	-8.127	-8.127	-8.127	-8.127	-8.127		
285	Underground Cables		7	60.00					-	-1.302	-1.302	-1.302	-1.302	-1.197	-1.197	-1.197	-1.197	-1.197		
286	Transformers		7	35.00					-	-3.832	-3.832	-3.832	-3.832	-3.746	-3.746	-3.746	-3.746	-3.746		
287	Switchgear		7	35.00					-	-2.025	-2.025	-2.025	-2.025	-2.087	-2.087	-2.087	-2.087	-2.087		
288	Street lighting		7	20.00					-	-0.242	-0.242	-0.242	-0.242	-0.268	-0.268	-0.268	-0.268	-0.268		
289	Meters and Services		7	25.00					-	-0.665	-0.665	-0.665	-0.665	-0.458	-0.458	-0.458	-0.458	-0.458		
290	IT		7	6.00					-	-4.720	-4.720	-4.720	-4.720	-0.639	-0.639	-	-	-		
291	SCADA & Communications		7	10.16					-	-0.653	-0.653	-0.653	-0.653	-0.161	-0.161	-0.161	-0.161	-0.161		
292	Other Distribution Non-Network		7	10.16					-	-2.218	-2.218	-2.218	-2.218	-1.096	-1.096	-1.096	-1.096	-1.096		
293	Distribution Land & Easements		7	-					-	-	-	-	-	-	-	-	-	-		
294	Equity Raising Costs		7	44.00					-	-0.126	-0.126	-0.126	-0.126	-0.126	-0.126	-0.126	-0.126	-0.126		

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Distribution Asset

	2	3	4	5	6	7	8	9	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June																	
5	Project Year																	
6	Regulatory Period																	
									2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
									7	8	9	10	11	12	13	14	15	16
									AA3			AA4						
295	Total								-	-22.625	-22.625	-22.625	-22.625	-17.904	-17.904	-17.266	-17.266	-17.266
296	Depreciation 8	8																
297	Wooden Pole Lines	8	41.00						-	-	-7.530	-7.530	-7.530	-9.653	-9.653	-9.653	-9.653	-9.653
298	Underground Cables	8	60.00						-	-	-1.262	-1.262	-1.262	-0.946	-0.946	-0.946	-0.946	-0.946
299	Transformers	8	35.00						-	-	-3.721	-3.721	-3.721	-3.298	-3.298	-3.298	-3.298	-3.298
300	Switchgear	8	35.00						-	-	-1.979	-1.979	-1.979	-1.994	-1.994	-1.994	-1.994	-1.994
301	Street lighting	8	20.00						-	-	-0.226	-0.226	-0.226	-0.248	-0.248	-0.248	-0.248	-0.248
302	Meters and Services	8	25.00						-	-	-2.653	-2.653	-2.653	-0.058	-0.058	-0.058	-0.058	-0.058
303	IT	8	6.00						-	-	-4.548	-4.548	-4.548	0.019	-	-	-	-
304	SCADA & Communications	8	10.16						-	-	-1.600	-1.600	-1.600	1.971	-	-	-	-
305	Other Distribution Non-Network	8	10.16						-	-	-2.169	-2.169	-2.169	3.876	-	-	-	-
306	Distribution Land & Easements	8	-						-	-	-	-	-	-	-	-	-	-
307	Equity Raising Costs	8	44.00						-	-	-0.108	-0.108	-0.108	-0.108	-0.108	-0.108	-0.108	-0.108
308	Total								-	-	-25.795	-25.795	-25.795	-10.438	-16.304	-16.304	-16.304	-16.304
309	Depreciation 9	9																
310	Wooden Pole Lines	9	41.00						-	-	-	-7.910	-7.910	-7.386	-7.386	-7.386	-7.386	-7.386
311	Underground Cables	9	60.00						-	-	-	-1.260	-1.260	-0.941	-0.941	-0.941	-0.941	-0.941
312	Transformers	9	35.00						-	-	-	-3.699	-3.699	-3.684	-3.684	-3.684	-3.684	-3.684
313	Switchgear	9	35.00						-	-	-	-1.976	-1.976	-2.063	-2.063	-2.063	-2.063	-2.063
314	Street lighting	9	20.00						-	-	-	-0.217	-0.217	-0.310	-0.310	-0.310	-0.310	-0.310
315	Meters and Services	9	25.00						-	-	-	-2.709	-2.709	-0.288	-0.288	-0.288	-0.288	-0.288
316	IT	9	6.00						-	-	-	-2.662	-2.662	-3.950	-3.950	-3.950	-3.950	-
317	SCADA & Communications	9	10.16						-	-	-	-1.770	-1.770	0.782	-	-	-	-
318	Other Distribution Non-Network	9	10.16						-	-	-	-1.503	-1.503	-0.946	-0.946	-0.946	-0.946	-0.946
319	Distribution Land & Easements	9	-						-	-	-	-	-	-	-	-	-	-
320	Equity Raising Costs	9	44.00						-	-	-	-0.086	-0.086	-0.086	-0.086	-0.086	-0.086	-0.086
321	Total								-	-	-	-23.793	-23.793	-18.871	-19.653	-19.653	-19.653	-15.703
322	Depreciation 10	10																
323	Wooden Pole Lines	10	41.00						-	-	-	-	-7.883	-5.107	-5.107	-5.107	-5.107	-5.107
324	Underground Cables	10	60.00						-	-	-	-	-1.252	-0.907	-0.907	-0.907	-0.907	-0.907
325	Transformers	10	35.00						-	-	-	-	-3.466	-3.258	-3.258	-3.258	-3.258	-3.258
326	Switchgear	10	35.00						-	-	-	-	-1.749	-1.642	-1.642	-1.642	-1.642	-1.642
327	Street lighting	10	20.00						-	-	-	-	-0.197	-0.308	-0.308	-0.308	-0.308	-0.308
328	Meters and Services	10	25.00						-	-	-	-	-2.351	-0.881	-0.881	-0.881	-0.881	-0.881
329	IT	10	6.00						-	-	-	-	-2.782	-1.972	-1.972	-1.972	-1.972	-1.972
330	SCADA & Communications	10	10.16						-	-	-	-	-1.190	-0.282	-0.282	-0.282	-0.282	-0.282
331	Other Distribution Non-Network	10	10.16						-	-	-	-	-1.518	-1.579	-1.579	-1.579	-1.579	-1.579
332	Distribution Land & Easements	10	-						-	-	-	-	-	-	-	-	-	-
333	Equity Raising Costs	10	44.00						-	-	-	-	-0.036	-0.036	-0.036	-0.036	-0.036	-0.036
334	Total								-	-	-	-	-22.423	-15.972	-15.972	-15.972	-15.972	-15.972
335	Depreciation 11	11																

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Distribution Asset

	2	3	4	5	6	7	8	9	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June								2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5	Project Year								7	8	9	10	11	12	13	14	15	16
6	Regulatory Period								AA3					AA4				
336	Wooden Pole Lines				11	41.00								-2.562	-2.562	-2.562	-2.562	-2.562
337	Underground Cables				11	60.00								-0.850	-0.850	-0.850	-0.850	-0.850
338	Transformers				11	35.00								-2.559	-2.559	-2.559	-2.559	-2.559
339	Switchgear				11	35.00								-1.270	-1.270	-1.270	-1.270	-1.270
340	Street lighting				11	20.00								-0.239	-0.239	-0.239	-0.239	-0.239
341	Meters and Services				11	25.00								-0.855	-0.855	-0.855	-0.855	-0.855
342	IT				11	6.00								-5.158	-5.158	-5.158	-5.158	-5.158
343	SCADA & Communications				11	10.16								-0.498	-0.498	-0.498	-0.498	-0.498
344	Other Distribution Non-Network				11	10.16								-0.516	-0.516	-0.516	-0.516	-0.516
345	Distribution Land & Easements				11	-								-	-	-	-	-
346	Equity Raising Costs				11	44.00								-	-	-	-	-
347	Total													-14.507	-14.507	-14.507	-14.507	-14.507
348	Depreciation 12				12													
349	Wooden Pole Lines				12	41.00								-	-5.112	-5.112	-5.112	-5.112
350	Underground Cables				12	60.00								-	-1.003	-1.003	-1.003	-1.003
351	Transformers				12	35.00								-	-2.374	-2.374	-2.374	-2.374
352	Switchgear				12	35.00								-	-1.182	-1.182	-1.182	-1.182
353	Street lighting				12	20.00								-	-0.198	-0.198	-0.198	-0.198
354	Meters and Services				12	15.00								-	-1.026	-1.026	-1.026	-1.026
355	IT				12	6.00								-	-4.919	-4.919	-4.919	-4.919
356	SCADA & Communications				12	10.16								-	-1.011	-1.011	-1.011	-1.011
357	Other Distribution Non-Network				12	10.16								-	-2.029	-2.029	-2.029	-2.029
358	Distribution Land & Easements				12	-								-	-	-	-	-
359	Equity Raising Costs				12	43.00								-	-	-	-	-
360	Total													-	-18.854	-18.854	-18.854	-18.854
361	Depreciation 13				13													
362	Wooden Pole Lines				13	41.00								-	-	-4.296	-4.296	-4.296
363	Underground Cables				13	60.00								-	-	-1.074	-1.074	-1.074
364	Transformers				13	35.00								-	-	-2.565	-2.565	-2.565
365	Switchgear				13	35.00								-	-	-1.343	-1.343	-1.343
366	Street lighting				13	20.00								-	-	-0.222	-0.222	-0.222
367	Meters and Services				13	15.00								-	-	-1.371	-1.371	-1.371
368	IT				13	6.00								-	-	-6.436	-6.436	-6.436
369	SCADA & Communications				13	10.16								-	-	-1.152	-1.152	-1.152
370	Other Distribution Non-Network				13	10.16								-	-	-3.659	-3.659	-3.659
371	Distribution Land & Easements				13	-								-	-	-	-	-
372	Equity Raising Costs				13	43.00								-	-	-	-	-
373	Total													-	-	-22.117	-22.117	-22.117
374	Depreciation 14				14													
375	Wooden Pole Lines				14	41.00								-	-	-	-3.946	-3.946
376	Underground Cables				14	60.00								-	-	-	-0.906	-0.906

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Distribution Asset

	2	3	4	5	6	7	8	9	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June									2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5 Project Year									7	8	9	10	11	12	13	14	15	16
6 Regulatory Period									AA3					AA4				
377 Transformers					14	35.00											-2.568	-2.568
378 Switchgear					14	35.00											-1.306	-1.306
379 Street lighting					14	20.00											-0.221	-0.221
380 Meters and Services					14	15.00											-1.625	-1.625
381 IT					14	6.00											-5.883	-5.883
382 SCADA & Communications					14	10.16											-1.391	-1.391
383 Other Distribution Non-Network					14	10.16											-9.738	-9.738
384 Distribution Land & Easements					14	-											-	-
385 Equity Raising Costs					14	43.00											-	-
386 Total																	-27.584	-27.584
387 Depreciation 15					15													
388 Wooden Pole Lines					15	41.00											-	-3.826
389 Underground Cables					15	60.00											-	-0.807
390 Transformers					15	35.00											-	-2.563
391 Switchgear					15	35.00											-	-1.279
392 Street lighting					15	20.00											-	-0.214
393 Meters and Services					15	15.00											-	-1.736
394 IT					15	6.00											-	-4.116
395 SCADA & Communications					15	10.16											-	-1.286
396 Other Distribution Non-Network					15	10.16											-	-0.910
397 Distribution Land & Easements					15	-											-	-
398 Equity Raising Costs					15	43.00											-	-
399 Total																	-	-16.738
400 Closing Value																		
401 Wooden Pole Lines									1,212.10	1,571.34	1,837.51	2,004.07	2,055.63	2,209.06	2,323.91	2,420.14	2,507.48	2,583.71
402 Underground Cables									1,025.68	1,065.10	1,102.64	1,136.59	1,165.51	1,203.86	1,245.46	1,275.94	1,299.56	1,329.51
403 Transformers									457.97	560.41	671.40	763.96	828.36	884.45	944.88	1,002.83	1,058.05	1,118.11
404 Switchgear									399.91	457.25	514.91	556.15	582.51	604.44	630.85	654.61	676.12	700.23
405 Street lighting									96.10	95.17	95.12	94.90	93.21	90.22	87.50	84.54	81.23	78.22
406 Meters and Services									90.55	95.52	100.63	114.50	123.89	133.14	146.53	162.37	178.24	192.79
407 IT									119.41	113.52	110.57	96.49	97.93	102.53	114.79	120.37	110.96	96.10
408 SCADA & Communications									17.31	17.56	16.13	13.95	11.87	22.24	30.53	40.34	48.00	53.64
409 Other Distribution Non-Network									88.99	79.18	75.30	75.17	62.78	73.65	96.04	178.86	163.68	148.10
410 Distribution Land & Easements									-	-	-	-	-	-	-	-	-	-
411 Equity Raising Costs									5.53	10.14	13.71	14.98	14.63	14.27	13.91	13.56	13.20	12.85
412 Total									3,513.55	4,065.18	4,537.93	4,870.76	5,036.32	5,337.86	5,634.40	5,953.55	6,136.53	6,313.24

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Distribution Tax Asset

	2	3	4	5	6	7	8	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June							2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5	Project Year							7	8	9	10	11	12	13	14	15	16
6	Regulatory Period								AA3				AA4				
7	Distribution TAB Summary																
8	Opening Asset Value							3,127.69	3,657.23	4,169.69	4,608.96	4,912.19	5,064.61	5,329.65	5,598.15	5,889.73	6,035.24
9	Capex							619.40	642.38	600.53	492.76	357.43	482.67	508.02	558.64	448.64	459.01
10	Depreciation							-85.48	-129.14	-156.47	-186.77	-204.39	-217.63	-239.52	-267.07	-303.13	-307.26
11	Accelerated Depreciation							-3.53	-0.49	-	-	-	-	-	-	-	-
12	Redundant Asset							-0.86	-0.29	-4.79	-2.76	-0.62	-	-	-	-	-
13	Closing Asset Value							3,657.23	4,169.69	4,608.96	4,912.19	5,064.61	5,329.65	5,598.15	5,889.73	6,035.24	6,187.00
14																	
15	Distribution TAB by asset categories																
16	Opening Value																
17	Wooden Pole Lines							2,747.94	2,991.36	3,289.98	3,495.45	3,600.95	3,599.36	3,703.68	3,769.99	3,819.01	3,861.12
18	Underground Cables							110.23	176.89	227.23	275.74	320.51	360.68	409.45	461.73	502.46	536.12
19	Transformers							32.22	153.42	258.07	371.16	465.37	532.33	590.95	655.11	717.83	778.95
20	Switchgear							25.69	92.94	154.27	214.73	257.64	285.61	309.33	338.04	364.30	388.63
21	Street lighting							35.13	37.91	39.20	41.14	42.56	42.31	40.99	40.06	38.96	37.59
22	Meters and Services							3.25	14.65	22.44	32.46	53.03	70.26	80.41	95.39	113.57	132.56
23	IT&T							31.47	48.32	44.29	46.01	34.98	44.86	51.19	64.37	68.69	58.98
24	SCADA & Communications							15.87	17.21	17.09	16.97	17.93	19.82	26.48	33.21	41.13	46.33
25	Other Distribution Non-Network							107.67	103.73	94.71	96.22	101.66	94.18	103.09	126.62	210.24	181.43
26	Distribution Land & Easements							18.23	17.37	17.34	13.79	13.79	13.53	13.53	13.53	13.53	13.53
27	Equity Raising Costs							-	3.42	5.08	5.30	3.77	1.66	0.56	0.10	0.00	0.00
28	Total							3,127.69	3,657.23	4,169.69	4,608.96	4,912.19	5,064.61	5,329.65	5,598.15	5,889.73	6,035.24
29	Capex (Actual AA1, AA2, AA3 & Forecast AA4)																
30	Wooden Pole Lines							304.63	372.52	295.09	208.15	105.05	213.45	182.66	170.89	168.72	163.85
31	Underground Cables							67.10	55.20	55.43	53.72	50.98	61.27	66.82	57.44	52.08	60.86
32	Transformers							122.06	111.64	125.25	112.07	89.55	84.60	93.12	94.92	96.49	106.38
33	Switchgear							67.60	66.71	69.94	56.48	44.45	42.11	48.75	48.27	48.14	53.28
34	Street lighting							4.88	4.68	5.84	5.93	4.77	4.04	4.60	4.67	4.61	5.26
35	Meters and Services							11.41	8.84	11.69	23.06	21.37	15.68	21.32	25.74	28.01	28.97
36	IT&T							18.72	13.03	20.51	12.40	30.95	30.06	40.05	37.28	26.57	18.81
37	SCADA & Communications							3.35	2.71	2.68	3.70	5.06	10.46	12.14	14.92	14.06	13.16
38	Other Distribution Non-Network							14.51	2.52	10.42	15.68	5.25	21.00	38.56	104.51	9.95	8.44
39	Distribution Land & Easements							-	-	-	-	-	-	-	-	-	-
40	Equity Raising Costs							5.14	4.53	3.69	1.56	-	-	-	-	-	-
41	Total							619.40	642.38	600.53	492.76	357.43	482.67	508.02	558.64	448.64	459.01
42	Depreciation																
43	Wooden Pole Lines							-58.57	-73.28	-88.37	-99.89	-106.63	-109.14	-116.35	-121.87	-126.62	-131.07
44	Underground Cables							-0.45	-4.86	-6.93	-8.95	-10.81	-12.50	-14.54	-16.71	-18.43	-19.86
45	Transformers							-0.16	-6.90	-12.16	-17.86	-22.60	-25.99	-28.96	-32.20	-35.38	-38.47
46	Switchgear							-0.17	-5.35	-9.49	-13.57	-16.48	-18.40	-20.03	-22.00	-23.81	-25.49
47	Street lighting							-2.10	-3.40	-3.89	-4.51	-5.03	-5.35	-5.54	-5.77	-5.98	-6.15
48	Meters and Services							-0.01	-1.04	-1.67	-2.48	-4.14	-5.53	-6.35	-7.56	-9.02	-10.55
49	IT&T							-1.87	-17.07	-18.79	-23.42	-21.07	-23.72	-26.88	-32.96	-36.28	-31.37
50	SCADA & Communications							-2.00	-2.83	-2.79	-2.75	-3.17	-3.81	-5.40	-7.01	-8.86	-10.16
51	Other Distribution Non-Network							-18.45	-11.53	-8.90	-10.24	-12.37	-12.09	-15.02	-20.88	-38.76	-34.15

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Distribution Tax Asset

	2	3	4	5	6	7	8	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June							2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5	Project Year							7	8	9	10	11	12	13	14	15	16
6	Regulatory Period									AA3					AA4		
52	Distribution Land & Easements							-	-	-	-	-	-	-	-	-	-
53	Equity Raising Costs							-1.71	-2.88	-3.47	-3.10	-2.10	-1.11	-0.45	-0.10	-	-
54	Total							-85.48	-129.14	-156.47	-186.77	-204.39	-217.63	-239.52	-267.07	-303.13	-307.26
55	Accelerated Depreciation																
56	Wooden Pole Lines							-2.65	-0.37	-	-	-	-	-	-	-	-
57	Underground Cables							-	-	-	-	-	-	-	-	-	-
58	Transformers							-0.71	-0.10	-	-	-	-	-	-	-	-
59	Switchgear							-0.18	-0.02	-	-	-	-	-	-	-	-
60	Street lighting							-	-	-	-	-	-	-	-	-	-
61	Meters and Services							-	-	-	-	-	-	-	-	-	-
62	IT&T							-	-	-	-	-	-	-	-	-	-
63	SCADA & Communications							-	-	-	-	-	-	-	-	-	-
64	Other Distribution Non-Network							-	-	-	-	-	-	-	-	-	-
65	Distribution Land & Easements							-	-	-	-	-	-	-	-	-	-
66	Equity Raising Costs							-	-	-	-	-	-	-	-	-	-
67	Total							-3.53	-0.49	-	-	-	-	-	-	-	-
68	Redundant Assets																
69	Wooden Pole Lines							-	-0.25	-1.24	-2.76	-	-	-	-	-	-
70	Underground Cables							-	-	-	-	-	-	-	-	-	-
71	Transformers							-	-	-	-	-	-	-	-	-	-
72	Switchgear							-	-	-	-	-	-	-	-	-	-
73	Street lighting							-	-	-	-	-	-	-	-	-	-
74	Meters and Services							-	-	-	-	-	-	-	-	-	-
75	IT&T							-	-	-	-	-	-	-	-	-	-
76	SCADA & Communications							-	-	-	-	-	-	-	-	-	-
77	Other Distribution Non-Network							-	-	-	-	-0.36	-	-	-	-	-
78	Distribution Land & Easements							-0.86	-0.03	-3.55	-	-0.26	-	-	-	-	-
79	Equity Raising Costs							-	-	-	-	-	-	-	-	-	-
80	Total							-0.86	-0.29	-4.79	-2.76	-0.62	-	-	-	-	-
81	Closing Value																
82	Wooden Pole Lines							2,991.36	3,289.98	3,495.45	3,600.95	3,599.36	3,703.68	3,769.99	3,819.01	3,861.12	3,893.90
83	Underground Cables							176.89	227.23	275.74	320.51	360.68	409.45	461.73	502.46	536.12	577.13
84	Transformers							153.42	258.07	371.16	465.37	532.33	590.95	655.11	717.83	778.95	846.86
85	Switchgear							92.94	154.27	214.73	257.64	285.61	309.33	338.04	364.30	388.63	416.43
86	Street lighting							37.91	39.20	41.14	42.56	42.31	40.99	40.06	38.96	37.59	36.70
87	Meters and Services							14.65	22.44	32.46	53.03	70.26	80.41	95.39	113.57	132.56	150.98
88	IT&T							48.32	44.29	46.01	34.98	44.86	51.19	64.37	68.69	58.98	46.42
89	SCADA & Communications							17.21	17.09	16.97	17.93	19.82	26.48	33.21	41.13	46.33	49.33
90	Other Distribution Non-Network							103.73	94.71	96.22	101.66	94.18	103.09	126.62	210.24	181.43	155.73
91	Distribution Land & Easements							17.37	17.34	13.79	13.79	13.53	13.53	13.53	13.53	13.53	13.53
92	Equity Raising Costs							3.42	5.08	5.30	3.77	1.66	0.56	0.10	0.00	0.00	0.00
93	Total							3,657.23	4,169.69	4,608.96	4,912.19	5,064.61	5,329.65	5,598.15	5,889.73	6,035.24	6,187.00
94																	
95	Initial Capital Base (ICB) (\$M Nominal)							2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
96	Opening Value																

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Distribution Tax Asset

	2	3	4	5	6	7	8	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June							2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5	Project Year							7	8	9	10	11	12	13	14	15	16
6	Regulatory Period								AA3				AA4				
97	Wooden Pole Lines							2,747.94	2,686.72	2,626.36	2,566.25	2,504.89	2,446.97	2,389.06	2,331.14	2,273.22	2,215.30
98	Underground Cables							110.23	109.79	107.61	105.46	103.32	101.20	99.08	96.96	94.84	92.72
99	Transformers							32.22	31.36	30.46	29.68	28.90	28.12	27.35	26.57	25.80	25.02
100	Switchgear							25.69	25.35	24.47	23.64	22.81	21.99	21.16	20.34	19.51	18.69
101	Street lighting							35.13	33.03	30.28	27.58	24.88	22.21	19.53	16.86	14.18	11.51
102	Meters and Services							3.25	3.24	3.11	2.98	2.86	2.73	2.61	2.48	2.36	2.23
103	IT&T							31.47	29.60	21.89	14.30	6.73	0.96	-	-	-	-
104	SCADA & Communications							15.87	13.87	11.71	9.99	8.64	7.33	6.02	4.71	3.40	2.09
105	Other Distribution Non-Network							107.67	89.22	80.59	74.51	68.61	62.50	56.74	50.99	45.23	39.48
106	Distribution Land & Easements							18.23	17.37	17.34	13.79	13.79	13.53	13.53	13.53	13.53	13.53
107	Equity Raising Costs							-	-	-	-	-	-	-	-	-	-
108	Total							3,127.69	3,039.54	2,953.83	2,868.18	2,785.43	2,707.53	2,635.07	2,563.57	2,492.07	2,420.56
109	Depreciation																
110	Wooden Pole Lines							-58.57	-59.74	-58.87	-58.59	-57.92	-57.92	-57.92	-57.92	-57.92	-57.92
111	Underground Cables							-0.45	-2.18	-2.15	-2.14	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12
112	Transformers							-0.16	-0.80	-0.78	-0.78	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77
113	Switchgear							-0.17	-0.85	-0.83	-0.83	-0.82	-0.82	-0.82	-0.82	-0.82	-0.82
114	Street lighting							-2.10	-2.75	-2.71	-2.70	-2.67	-2.67	-2.67	-2.67	-2.67	-2.67
115	Meters and Services							-0.01	-0.13	-0.13	-0.13	-0.12	-0.12	-0.12	-0.12	-0.12	-0.12
116	IT&T							-1.87	-7.71	-7.59	-7.57	-5.77	-0.96	-	-	-	-
117	SCADA & Communications							-2.00	-2.16	-1.72	-1.35	-1.31	-1.31	-1.31	-1.31	-1.31	-1.31
118	Other Distribution Non-Network							-18.45	-8.63	-6.08	-5.90	-5.76	-5.76	-5.76	-5.76	-5.76	-5.76
119	Distribution Land & Easements							-	-	-	-	-	-	-	-	-	-
120	Equity Raising Costs							-	-	-	-	-	-	-	-	-	-
121	Total							-83.77	-84.93	-80.86	-80.00	-77.28	-72.46	-71.50	-71.50	-71.50	-71.50
122	Accelerated Depreciation																
123	Wooden Pole Lines							-2.65	-0.37	-	-	-	-	-	-	-	-
124	Underground Cables							-	-	-	-	-	-	-	-	-	-
125	Transformers							-0.71	-0.10	-	-	-	-	-	-	-	-
126	Switchgear							-0.18	-0.02	-	-	-	-	-	-	-	-
127	Street lighting							-	-	-	-	-	-	-	-	-	-
128	Meters and Services							-	-	-	-	-	-	-	-	-	-
129	IT&T							-	-	-	-	-	-	-	-	-	-
130	SCADA & Communications							-	-	-	-	-	-	-	-	-	-
131	Other Distribution Non-Network							-	-	-	-	-	-	-	-	-	-
132	Distribution Land & Easements							-	-	-	-	-	-	-	-	-	-
133	Equity Raising Costs							-	-	-	-	-	-	-	-	-	-
134	Total							-3.53	-0.49	-	-	-	-	-	-	-	-
135	Redundant Assets																
136	Wooden Pole Lines							-	-0.25	-1.24	-2.76	-	-	-	-	-	-
137	Underground Cables							-	-	-	-	-	-	-	-	-	-
138	Transformers							-	-	-	-	-	-	-	-	-	-
139	Switchgear							-	-	-	-	-	-	-	-	-	-
140	Street lighting							-	-	-	-	-	-	-	-	-	-
141	Meters and Services							-	-	-	-	-	-	-	-	-	-

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Distribution Tax Asset

	2	3	4	5	6	7	8	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June							2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5	Project Year							7	8	9	10	11	12	13	14	15	16
6	Regulatory Period								AA3			AA4					
142	IT&T							-	-	-	-	-	-	-	-	-	-
143	SCADA & Communications							-	-	-	-	-	-	-	-	-	-
144	Other Distribution Non-Network							-	-	-	-	-0.36	-	-	-	-	-
145	Distribution Land & Easements							-0.86	-0.03	-3.55	-	-0.26	-	-	-	-	-
146	Equity Raising Costs							-	-	-	-	-	-	-	-	-	-
147	Total							-0.86	-0.29	-4.79	-2.76	-0.62	-	-	-	-	-
148	Closing Value																
149	Wooden Pole Lines							2,686.72	2,626.36	2,566.25	2,504.89	2,446.97	2,389.06	2,331.14	2,273.22	2,215.30	2,157.38
150	Underground Cables							109.79	107.61	105.46	103.32	101.20	99.08	96.96	94.84	92.72	90.60
151	Transformers							31.36	30.46	29.68	28.90	28.12	27.35	26.57	25.80	25.02	24.25
152	Switchgear							25.35	24.47	23.64	22.81	21.99	21.16	20.34	19.51	18.69	17.87
153	Street lighting							33.03	30.28	27.58	24.88	22.21	19.53	16.86	14.18	11.51	9
154	Meters and Services							3.24	3.11	2.98	2.86	2.73	2.61	2.48	2.36	2.23	2.11
155	IT&T							29.60	21.89	14.30	6.73	0.96	-	-	-	-	-
156	SCADA & Communications							13.87	11.71	9.99	8.64	7.33	6.02	4.71	3.40	2.09	0.78
157	Other Distribution Non-Network							89.22	80.59	74.51	68.61	62.50	56.74	50.99	45.23	39.48	33.72
158	Distribution Land & Easements							17.37	17.34	13.79	13.79	13.53	13.53	13.53	13.53	13.53	13.53
159	Equity Raising Costs							-	-	-	-	-	-	-	-	-	-
160	Total							3,039.54	2,953.83	2,868.18	2,785.43	2,707.53	2,635.07	2,563.57	2,492.07	2,420.56	2,349.06
161																	
162	Capital Expenditure							2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
163	Opening Value																
164	Wooden Pole Lines							-	304.63	663.61	929.21	1,096.05	1,152.39	1,314.62	1,438.85	1,545.79	1,645.82
165	Underground Cables							-	67.10	119.63	170.27	217.19	259.48	310.37	364.77	407.62	443.40
166	Transformers							-	122.06	227.60	341.48	436.48	504.21	563.60	628.54	692.03	753.92
167	Switchgear							-	67.60	129.80	191.08	234.83	263.62	288.16	317.70	344.79	369.94
168	Street lighting							-	4.88	8.91	13.56	17.68	20.10	21.46	23.20	24.78	26.08
169	Meters and Services							-	11.41	19.33	29.47	50.17	67.53	77.80	92.90	111.21	130.33
170	IT&T							-	18.72	22.39	31.71	28.26	43.91	51.19	64.37	68.69	58.98
171	SCADA & Communications							-	3.35	5.38	6.98	9.29	12.50	20.46	28.51	37.73	44.24
172	Other Distribution Non-Network							-	14.51	14.12	21.71	33.05	31.68	46.35	75.63	165.01	141.96
173	Distribution Land & Easements							-	-	-	-	-	-	-	-	-	-
174	Equity Raising Costs							-	3.42	5.08	5.30	3.77	1.66	0.56	0.10	0.00	0.00
175	Total							-	617.69	1,215.86	1,740.78	2,126.76	2,357.08	2,694.58	3,034.58	3,397.66	3,614.68
176	Capex (i.e. Owner's Capex - Cash Contribution)																
177	Wooden Pole Lines							304.63	372.52	295.09	208.15	105.05	213.45	182.66	170.89	168.72	163.85
178	Underground Cables							67.10	55.20	55.43	53.72	50.98	61.27	66.82	57.44	52.08	60.86
179	Transformers							122.06	111.64	125.25	112.07	89.55	84.60	93.12	94.92	96.49	106.38
180	Switchgear							67.60	66.71	69.94	56.48	44.45	42.11	48.75	48.27	48.14	53.28
181	Street lighting							4.88	4.68	5.84	5.93	4.77	4.04	4.60	4.67	4.61	5.26
182	Meters and Services							11.41	8.84	11.69	23.06	21.37	15.68	21.32	25.74	28.01	28.97
183	IT&T							18.72	13.03	20.51	12.40	30.95	30.06	40.05	37.28	26.57	18.81
184	SCADA & Communications							3.35	2.71	2.68	3.70	5.06	10.46	12.14	14.92	14.06	13.16
185	Other Distribution Non-Network							14.51	2.52	10.42	15.68	5.25	21.00	38.56	104.51	9.95	8.44
186	Distribution Land & Easements							-	-	-	-	-	-	-	-	-	-

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Distribution Tax Asset

	2	3	4	5	6	7	8	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June							2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5	Project Year							7	8	9	10	11	12	13	14	15	16
6	Regulatory Period									AA3					AA4		
187	Equity Raising Costs							5.14	4.53	3.69	1.56	-	-	-	-	-	-
188	Total							619.40	642.38	600.53	492.76	357.43	482.67	508.02	558.64	448.64	459.01
189	CAPEX Depreciation																
190	Wooden Pole Lines							-	-13.539	-29.494	-41.298	-48.714	-51.217	-58.428	-63.949	-68.702	-73.147
191	Underground Cables							-	-2.684	-4.785	-6.811	-8.687	-10.379	-12.415	-14.591	-16.305	-17.736
192	Transformers							-	-6.103	-11.380	-17.074	-21.824	-25.210	-28.180	-31.427	-34.602	-37.696
193	Switchgear							-	-4.507	-8.653	-12.739	-15.655	-17.575	-19.211	-21.180	-22.986	-24.663
194	Street lighting							-	-0.651	-1.188	-1.808	-2.358	-2.680	-2.862	-3.094	-3.304	-3.478
195	Meters and Services							-	-0.913	-1.547	-2.358	-4.014	-5.402	-6.224	-7.432	-8.897	-10.426
196	IT							-	-9.360	-11.197	-15.854	-15.298	-22.767	-26.879	-32.958	-36.279	-31.367
197	SCADA & Communications							-	-0.669	-1.077	-1.397	-1.858	-2.499	-4.092	-5.701	-7.546	-8.848
198	Other Distribution Non-Network							-	-2.902	-2.825	-4.343	-6.610	-6.337	-9.269	-15.127	-33.002	-28.391
199	Distribution Land & Easements							-	-	-	-	-	-	-	-	-	-
200	Equity Raising Costs							-1.712	-2.880	-3.465	-3.096	-2.101	-1.106	-0.454	-0.104	-	-
201	Total							-1.712	-44.209	-75.611	-106.778	-127.118	-145.174	-168.013	-195.563	-231.623	-235.754
202	Depreciation 7		7														
203	Wooden Pole Lines		7	45.00				-	-13.539	-12.938	-12.363	-11.813	-11.288	-10.786	-10.307	-9.849	-9.411
204	Underground Cables		7	50.00				-	-2.684	-2.577	-2.474	-2.375	-2.280	-2.189	-2.101	-2.017	-1.936
205	Transformers		7	40.00				-	-6.103	-5.798	-5.508	-5.233	-4.971	-4.722	-4.486	-4.262	-4.049
206	Switchgear		7	30.00				-	-4.507	-4.206	-3.926	-3.664	-3.420	-3.192	-2.979	-2.780	-2.595
207	Street lighting		7	15.00				-	-0.651	-0.564	-0.489	-0.424	-0.367	-0.318	-0.276	-0.239	-0.207
208	Meters and Services		7	25.00				-	-0.913	-0.840	-0.773	-0.711	-0.654	-0.602	-0.553	-0.509	-0.468
209	IT		7	4.00				-	-9.360	-4.680	-2.340	-2.340	-	-	-	-	-
210	SCADA & Communications		7	10.00				-	-0.669	-0.536	-0.428	-0.343	-0.274	-0.219	-0.175	-0.140	-0.112
211	Other Distribution Non-Network		7	10.00				-	-2.902	-2.322	-1.857	-1.486	-1.189	-0.951	-0.761	-0.609	-0.487
212	Distribution Land & Easements		7	-				-	-	-	-	-	-	-	-	-	-
213	Equity Raising Costs		7	5.00				-1.712	-1.370	-1.027	-0.685	-0.342	-	-	-	-	-
214	Total							-1.712	-42.698	-35.487	-30.842	-28.730	-24.443	-22.979	-21.639	-20.406	-19.266
215	Depreciation 8		8														
216	Wooden Pole Lines		8	45.00				-	-	-16.556	-15.821	-15.117	-14.446	-13.804	-13.190	-12.604	-12.044
217	Underground Cables		8	50.00				-	-	-2.208	-2.120	-2.035	-1.954	-1.876	-1.800	-1.728	-1.659
218	Transformers		8	40.00				-	-	-5.582	-5.303	-5.038	-4.786	-4.547	-4.319	-4.103	-3.898
219	Switchgear		8	30.00				-	-	-4.447	-4.151	-3.874	-3.616	-3.375	-3.150	-2.940	-2.744
220	Street lighting		8	15.00				-	-	-0.624	-0.541	-0.469	-0.406	-0.352	-0.305	-0.264	-0.229
221	Meters and Services		8	25.00				-	-	-0.707	-0.650	-0.598	-0.551	-0.507	-0.466	-0.429	-0.394
222	IT		8	4.00				-	-	-6.517	-3.258	-1.629	-1.629	-	-	-	-
223	SCADA & Communications		8	10.00				-	-	-0.541	-0.433	-0.346	-0.277	-0.222	-0.177	-0.142	-0.113
224	Other Distribution Non-Network		8	10.00				-	-	-0.503	-0.403	-0.322	-0.258	-0.206	-0.165	-0.132	-0.106
225	Distribution Land & Easements		8	-				-	-	-	-	-	-	-	-	-	-
226	Equity Raising Costs		8	5.00				-	-1.511	-1.209	-0.907	-0.604	-0.302	-	-	-	-
227	Total							-	-1.511	-38.894	-33.586	-30.033	-28.224	-24.887	-23.573	-22.342	-21.187
228	Depreciation 9		9														
229	Wooden Pole Lines		9	45.00				-	-	-	-13.115	-12.532	-11.975	-11.443	-10.934	-10.448	-9.984
230	Underground Cables		9	50.00				-	-	-	-2.217	-2.129	-2.044	-1.962	-1.883	-1.808	-1.736
231	Transformers		9	40.00				-	-	-	-6.263	-5.950	-5.652	-5.369	-5.101	-4.846	-4.604

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Distribution Tax Asset

	2	3	4	5	6	7	8	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June							2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5	Project Year							7	8	9	10	11	12	13	14	15	16
6	Regulatory Period									AA3					AA4		
232	Switchgear				9	30.00		-	-	-	-4.663	-4.352	-4.062	-3.791	-3.538	-3.302	-3.082
233	Street lighting				9	15.00		-	-	-	-0.778	-0.674	-0.584	-0.507	-0.439	-0.380	-0.330
234	Meters and Services				9	25.00		-	-	-	-0.935	-0.860	-0.791	-0.728	-0.670	-0.616	-0.567
235	IT				9	4.00		-	-	-	-10.256	-5.128	-2.564	-2.564	-	-	-
236	SCADA & Communications				9	10.00		-	-	-	-0.536	-0.428	-0.343	-0.274	-0.219	-0.175	-0.140
237	Other Distribution Non-Network				9	10.00		-	-	-	-2.083	-1.666	-1.333	-1.066	-0.853	-0.683	-0.546
238	Distribution Land & Easements				9	-		-	-	-	-	-	-	-	-	-	-
239	Equity Raising Costs				9	5.00		-	-	-1.230	-0.984	-0.738	-0.492	-0.246	-	-	-
240	Total							-	-	-1.230	-41.829	-34.457	-29.840	-27.950	-23.638	-22.259	-20.989
241	Depreciation 10				10												
242	Wooden Pole Lines				10	45.00		-	-	-	-	-9.251	-8.840	-8.447	-8.071	-7.713	-7.370
243	Underground Cables				10	50.00		-	-	-	-	-2.149	-2.063	-1.980	-1.901	-1.825	-1.752
244	Transformers				10	40.00		-	-	-	-	-5.604	-5.324	-5.057	-4.804	-4.564	-4.336
245	Switchgear				10	30.00		-	-	-	-	-3.766	-3.514	-3.280	-3.061	-2.857	-2.667
246	Street lighting				10	15.00		-	-	-	-	-0.791	-0.686	-0.594	-0.515	-0.446	-0.387
247	Meters and Services				10	25.00		-	-	-	-	-1.844	-1.697	-1.561	-1.436	-1.321	-1.216
248	IT				10	4.00		-	-	-	-	-6.201	-3.100	-1.550	-1.550	-	-
249	SCADA & Communications				10	10.00		-	-	-	-	-0.740	-0.592	-0.474	-0.379	-0.303	-0.243
250	Other Distribution Non-Network				10	10.00		-	-	-	-	-3.136	-2.508	-2.007	-1.605	-1.284	-1.027
251	Distribution Land & Easements				10	-		-	-	-	-	-	-	-	-	-	-
252	Equity Raising Costs				10	5.00		-	-	-	-0.521	-0.417	-0.312	-0.208	-0.104	-	-
253	Total							-	-	-	-0.521	-33.898	-28.637	-25.159	-23.429	-20.315	-18.998
254	Depreciation 11				11												
255	Wooden Pole Lines				11	45.00							-4.669	-4.461	-4.263	-4.073	-3.892
256	Underground Cables				11	50.00							-2.039	-1.958	-1.879	-1.804	-1.732
257	Transformers				11	40.00							-4.478	-4.254	-4.041	-3.839	-3.647
258	Switchgear				11	30.00							-2.963	-2.766	-2.581	-2.409	-2.249
259	Street lighting				11	15.00							-0.637	-0.552	-0.478	-0.414	-0.359
260	Meters and Services				11	25.00							-1.710	-1.573	-1.447	-1.331	-1.225
261	IT				11	4.00							-15.474	-7.737	-3.869	-3.869	-
262	SCADA & Communications				11	10.00							-1.013	-0.810	-0.648	-0.519	-0.415
263	Other Distribution Non-Network				11	10.00							-1.049	-0.839	-0.671	-0.537	-0.430
264	Distribution Land & Easements				11	-							-	-	-	-	-
265	Equity Raising Costs				11	5.00							-	-	-	-	-
266	Total												-34.031	-24.950	-19.878	-18.796	-13.949
267	Depreciation 12				12												
268	Wooden Pole Lines				12	45.00							-	-9.487	-9.065	-8.662	-8.277
269	Underground Cables				12	50.00							-	-2.451	-2.353	-2.259	-2.168
270	Transformers				12	40.00							-	-4.230	-4.019	-3.818	-3.627
271	Switchgear				12	30.00							-	-2.808	-2.620	-2.446	-2.283
272	Street lighting				12	15.00							-	-0.539	-0.467	-0.405	-0.351
273	Meters and Services				12	25.00							-	-1.254	-1.154	-1.061	-0.977
274	IT				12	4.00							-	-15.028	-7.514	-3.757	-3.757
275	SCADA & Communications				12	10.00							-	-2.093	-1.674	-1.339	-1.072
276	Other Distribution Non-Network				12	10.00							-	-4.200	-3.360	-2.688	-2.150

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Distribution Tax Asset

	2	3	4	5	6	7	8	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June							2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5	Project Year							7	8	9	10	11	12	13	14	15	16
6	Regulatory Period									AA3					AA4		
277	Distribution Land & Easements			12	-								-	-	-	-	-
278	Equity Raising Costs			12	5.00												
279	Total												-	-42.088	-32.225	-26.435	-24.661
280	Depreciation 13			13													
281	Wooden Pole Lines			13	45.00								-	-	-8.118	-7.757	-7.413
282	Underground Cables			13	50.00								-	-	-2.673	-2.566	-2.463
283	Transformers			13	40.00								-	-	-4.656	-4.423	-4.202
284	Switchgear			13	30.00								-	-	-3.250	-3.033	-2.831
285	Street lighting			13	15.00								-	-	-0.614	-0.532	-0.461
286	Meters and Services			13	25.00								-	-	-1.706	-1.570	-1.444
287	IT			13	4.00								-	-	-20.026	-10.013	-5.006
288	SCADA & Communications			13	10.00								-	-	-2.428	-1.942	-1.554
289	Other Distribution Non-Network			13	10.00								-	-	-7.711	-6.169	-4.935
290	Distribution Land & Easements			13	-								-	-	-	-	-
291	Equity Raising Costs			13	5.00								-	-	-	-	-
292	Total												-	-	-51.181	-38.005	-30.309
293	Depreciation 14			14													
294	Wooden Pole Lines			14	45.00								-	-	-	-7.595	-7.257
295	Underground Cables			14	50.00								-	-	-	-2.298	-2.206
296	Transformers			14	40.00								-	-	-	-4.746	-4.509
297	Switchgear			14	30.00								-	-	-	-3.218	-3.003
298	Street lighting			14	15.00								-	-	-	-0.623	-0.540
299	Meters and Services			14	25.00								-	-	-	-2.059	-1.895
300	IT			14	4.00								-	-	-	-18.641	-9.320
301	SCADA & Communications			14	10.00								-	-	-	-2.985	-2.388
302	Other Distribution Non-Network			14	10.00								-	-	-	-20.901	-16.721
303	Distribution Land & Easements			14	-								-	-	-	-	-
304	Equity Raising Costs			14	5.00								-	-	-	-	-
305	Total												-	-	-	-63.066	-47.839
306	Depreciation 15			15													
307	Wooden Pole Lines			15	45.00								-	-	-	-	-7.499
308	Underground Cables			15	50.00								-	-	-	-	-2.083
309	Transformers			15	40.00								-	-	-	-	-4.825
310	Switchgear			15	30.00								-	-	-	-	-3.210
311	Street lighting			15	15.00								-	-	-	-	-0.614
312	Meters and Services			15	25.00								-	-	-	-	-2.241
313	IT			15	4.00								-	-	-	-	-13.284
314	SCADA & Communications			15	10.00								-	-	-	-	-2.812
315	Other Distribution Non-Network			15	10.00								-	-	-	-	-1.990
316	Distribution Land & Easements			15	-								-	-	-	-	-
317	Equity Raising Costs			15	5.00								-	-	-	-	-
318	Total												-	-	-	-	-38.557
319	Depreciation 16			16													
320	Wooden Pole Lines			16	45.00								-	-	-	-	-
321	Underground Cables			16	50.00								-	-	-	-	-

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Distribution Tax Asset

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5	Project Year							7	8	9	10	11	12	13	14	15	16
6	Regulatory Period									AA3					AA4		
322	Transformers				16	40.00								-	-	-	-
323	Switchgear				16	30.00								-	-	-	-
324	Street lighting				16	15.00								-	-	-	-
325	Meters and Services				16	25.00								-	-	-	-
326	IT				16	4.00								-	-	-	-
327	SCADA & Communications				16	10.00								-	-	-	-
328	Other Distribution Non-Network				16	10.00								-	-	-	-
329	Distribution Land & Easements				16	-								-	-	-	-
330	Equity Raising Costs				16	5.00								-	-	-	-
331	Total													-	-	-	-
332	Closing Value																
333	Wooden Pole Lines							304.63	663.61	929.21	1,096.05	1,152.39	1,314.62	1,438.85	1,545.79	1,645.82	1,736.52
334	Underground Cables							67.10	119.63	170.27	217.19	259.48	310.37	364.77	407.62	443.40	486.53
335	Transformers							122.06	227.60	341.48	436.48	504.21	563.60	628.54	692.03	753.92	822.61
336	Switchgear							67.60	129.80	191.08	234.83	263.62	288.16	317.70	344.79	369.94	398.56
337	Street lighting							4.88	8.91	13.56	17.68	20.10	21.46	23.20	24.78	26.08	27.87
338	Meters and Services							11.41	19.33	29.47	50.17	67.53	77.80	92.90	111.21	130.33	148.88
339	IT							18.72	22.39	31.71	28.26	43.91	51.19	64.37	68.69	58.98	46.42
340	SCADA & Communications							3.35	5.38	6.98	9.29	12.50	20.46	28.51	37.73	44.24	48.55
341	Other Distribution Non-Network							14.51	14.12	21.71	33.05	31.68	46.35	75.63	165.01	141.96	122.01
342	Distribution Land & Easements							-	-	-	-	-	-	-	-	-	-
343	Equity Raising Costs							3.42	5.08	5.30	3.77	1.66	0.56	0.10	0.00	0.00	0.00
344	Total							617.69	1,215.86	1,740.78	2,126.76	2,357.08	2,694.58	3,034.58	3,397.66	3,614.68	3,837.94

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Asset

	2	3	4	5	6	7	8	9	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June																	
5	Project Year																	
6	Regulatory Period									Regulatory Period								
7	Distribution RAB Summary									Distribution RAB Summary								
8	Opening Asset Value								2,816.74	2,939.14	3,173.75	3,209.71	3,150.21	3,126.00	3,132.33	3,175.88	3,225.94	3,232.25
9	Capex								220.798	342.264	159.311	122.413	106.679	117.708	159.869	173.995	139.326	128.575
10	Depreciation								-93.97	-103.42	-114.05	-121.27	-129.44	-111.38	-116.32	-123.94	-133.01	-137.40
11	Accelerated Depreciation								-	-	-	-	-	-	-	-	-	-
12	Redundant Asset								-4.42	-4.24	-9.30	-60.64	-1.45	-	-	-	-	-
13	Closing Asset Value								2,939.14	3,173.75	3,209.71	3,150.21	3,126.00	3,132.33	3,175.88	3,225.94	3,232.25	3,223.43
14																		
15	Distribution RAB by asset categories																	
16	Opening Value																	
17	Transmission cables								36.29	52.90	82.61	90.12	91.20	91.63	94.35	97.01	98.24	101.61
18	Transmission steel towers								825.84	818.93	821.17	806.60	789.01	770.64	754.53	738.36	721.29	705.58
19	Transmission wood poles								236.19	252.84	268.92	285.33	294.60	301.47	308.14	321.45	329.47	335.66
20	Transmission metering								2.11	2.01	1.90	1.80	1.69	1.59	1.48	1.38	1.27	1.17
21	Transmission transformers								379.28	427.34	517.12	541.91	555.73	562.22	570.58	587.05	599.47	613.78
22	Transmission reactors								16.90	23.66	35.35	41.02	44.05	46.45	48.18	50.91	53.11	55.61
23	Transmission capacitors								155.07	152.94	154.10	149.25	143.03	136.53	130.85	125.15	119.09	113.54
24	Transmission circuit breakers								751.91	750.30	766.24	754.31	741.48	723.93	706.84	694.26	680.26	666.09
25	SCADA and communications								68.78	69.55	73.78	78.95	86.48	86.86	93.32	109.75	127.64	140.84
26	IT								60.25	66.34	66.11	65.98	59.98	59.36	65.39	70.32	71.37	65.85
27	Other non-network assets								62.12	65.25	60.69	58.27	57.66	51.47	54.55	65.80	102.78	98.48
28	Land & Easements								222.02	256.25	322.39	332.40	280.11	284.94	295.39	305.89	313.60	325.88
29	Equity raising costs								-	0.85	3.37	3.77	5.21	8.91	8.73	8.54	8.35	8.16
30	Total								2,816.74	2,939.14	3,173.75	3,209.71	3,150.21	3,126.00	3,132.33	3,175.88	3,225.94	3,232.25
31	Capex (Actual AA1, AA2, AA3 & Forecast AA4)																	
32	Transmission cables								17.47	31.08	9.62	3.56	3.30	4.72	4.75	3.40	5.60	4.52
33	Transmission steel towers								11.94	21.41	5.03	2.24	1.71	3.42	3.43	2.57	3.99	3.30
34	Transmission wood poles								29.14	29.23	30.32	23.92	22.42	22.14	29.27	24.63	23.36	24.43
35	Transmission metering								-	-	-	-	-	-	-	-	-	-
36	Transmission transformers								61.93	107.67	42.52	33.29	26.47	25.92	34.54	31.18	33.71	34.41
37	Transmission reactors								7.23	12.38	6.67	4.21	3.76	2.87	3.93	3.48	3.84	3.89
38	Transmission capacitors								4.40	7.86	2.10	0.85	0.72	1.23	1.23	0.91	1.44	1.18
39	Transmission circuit breakers								25.34	43.58	16.61	16.31	12.23	12.11	16.86	15.78	15.92	16.94
40	SCADA and communications								6.10	10.98	13.10	16.78	11.51	14.18	23.92	27.55	25.36	19.66
41	IT								10.17	6.70	9.54	5.27	12.33	11.76	15.39	14.06	9.84	6.84
42	Other non-network assets								8.77	1.89	5.29	7.17	2.27	8.90	16.05	42.73	3.99	3.33
43	Land & Easements								37.47	66.96	18.04	7.30	6.16	10.45	10.50	7.71	12.28	10.06
44	Equity raising costs								0.85	2.54	0.48	1.52	3.81	-	-	-	-	-
45	Total								220.80	342.26	159.31	122.41	106.68	117.71	159.87	173.99	139.33	128.57
46	Depreciation																	
47	Transmission cables								-0.86	-1.37	-2.10	-2.47	-2.87	-2.00	-2.08	-2.17	-2.23	-2.33
48	Transmission steel towers								-18.85	-19.16	-19.60	-19.83	-20.08	-19.54	-19.59	-19.65	-19.69	-19.76

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Asset

	2	3	4	5	6	7	8	9	17	18	19	20	21	22	23	24	25	26	
4	Year Ending 30 June																		
5	Project Year																		
6	Regulatory Period																		
	AA3									AA4									
49	Transmission wood poles	-12.49	-13.14	-13.91	-14.66	-15.55	-15.47	-15.96	-16.62	-17.16	-17.68								
50	Transmission metering	-0.11	-0.11	-0.11	-0.11	-0.11	-0.11	-0.11	-0.11	-0.11	-0.11								
51	Transmission transformers	-12.68	-14.48	-16.93	-18.42	-19.98	-17.56	-18.07	-18.77	-19.39	-20.06								
52	Transmission reactors	-0.47	-0.70	-1.00	-1.18	-1.36	-1.14	-1.20	-1.27	-1.34	-1.42								
53	Transmission capacitors	-6.53	-6.70	-6.95	-7.07	-7.21	-6.91	-6.94	-6.97	-6.99	-7.03								
54	Transmission circuit breakers	-26.95	-27.63	-28.54	-29.15	-29.78	-29.20	-29.44	-29.78	-30.09	-30.41								
55	SCADA and communications	-5.33	-6.74	-7.94	-9.25	-11.12	-7.73	-7.48	-9.66	-12.16	-14.47								
56	IT	-4.07	-6.92	-9.67	-11.27	-12.95	-5.72	-10.45	-13.02	-15.36	-15.42								
57	Other non-network assets	-5.64	-6.44	-7.23	-7.78	-8.33	-5.83	-4.80	-5.75	-8.29	-8.52								
58	Land & Easements	-	-	-	-	-	-	-	-	-	-								
59	Equity raising costs	-	-0.02	-0.07	-0.08	-0.11	-0.19	-0.19	-0.19	-0.19	-0.19								
60	Total	-93.97	-103.42	-114.05	-121.27	-129.44	-111.38	-116.32	-123.94	-133.01	-137.40								
61	Accelerated Depreciation																		
62	Transmission cables	-	-	-	-	-	-	-	-	-	-								
63	Transmission steel towers	-	-	-	-	-	-	-	-	-	-								
64	Transmission wood poles	-	-	-	-	-	-	-	-	-	-								
65	Transmission metering	-	-	-	-	-	-	-	-	-	-								
66	Transmission transformers	-	-	-	-	-	-	-	-	-	-								
67	Transmission reactors	-	-	-	-	-	-	-	-	-	-								
68	Transmission capacitors	-	-	-	-	-	-	-	-	-	-								
69	Transmission circuit breakers	-	-	-	-	-	-	-	-	-	-								
70	SCADA and communications	-	-	-	-	-	-	-	-	-	-								
71	IT	-	-	-	-	-	-	-	-	-	-								
72	Other non-network assets	-	-	-	-	-	-	-	-	-	-								
73	Land & Easements	-	-	-	-	-	-	-	-	-	-								
74	Equity raising costs	-	-	-	-	-	-	-	-	-	-								
75	Total	-	-	-	-	-	-	-	-	-	-								
76	Redundant Assets																		
77	Transmission cables	-	-	-	-	-	-	-	-	-	-								
78	Transmission steel towers	-	-	-	-	-	-	-	-	-	-								
79	Transmission wood poles	-	-	-	-	-	-	-	-	-	-								
80	Transmission metering	-	-	-	-	-	-	-	-	-	-								
81	Transmission transformers	-6.46	-1.19	-3.41	-0.80	-1.05	-	-	-	-	-								
82	Transmission reactors	-	-	-	-	-	-	-	-	-	-								
83	Transmission capacitors	-	-	-	-	-	-	-	-	-	-								
84	Transmission circuit breakers	-	-	-	-	-	-	-	-	-	-								
85	SCADA and communications	-	-	-	-	-	-	-	-	-	-								
86	IT	-0.64	-	-	-	-	-	-	-	-	-								
87	Other non-network assets	-0.59	-	-	-0.47	-	-0.12	-	-	-	-								
88	Land & Easements	-81.60	-3.23	-0.83	-8.03	-59.59	-1.33	-	-	-	-								
89	Equity raising costs	-	-	-	-	-	-	-	-	-	-								
90	Total	-4.42	-4.24	-9.30	-60.64	-1.45	-	-	-	-	-								

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Asset

	2	3	4	5	6	7	8	9	17	18	19	20	21	22	23	24	25	26	
4	Year Ending 30 June																		
5	Project Year																		
6	Regulatory Period									Regulatory Period									
	AA3									AA4									
91	Closing Value																		
92	Transmission cables								52.90	82.61	90.12	91.20	91.63	94.35	97.01	98.24	101.61	103.79	
93	Transmission steel towers								818.93	821.17	806.60	789.01	770.64	754.53	738.36	721.29	705.58	689.13	
94	Transmission wood poles								252.84	268.92	285.33	294.60	301.47	308.14	321.45	329.47	335.66	342.41	
95	Transmission metering								2.01	1.90	1.80	1.69	1.59	1.48	1.38	1.27	1.17	1.06	
96	Transmission transformers								427.34	517.12	541.91	555.73	562.22	570.58	587.05	599.47	613.78	628.13	
97	Transmission reactors								23.66	35.35	41.02	44.05	46.45	48.18	50.91	53.11	55.61	58.08	
98	Transmission capacitors								152.94	154.10	149.25	143.03	136.53	130.85	125.15	119.09	113.54	107.70	
99	Transmission circuit breakers								750.30	766.24	754.31	741.48	723.93	706.84	694.26	680.26	666.09	652.61	
100	SCADA and communications								69.55	73.78	78.95	86.48	86.86	93.32	109.75	127.64	140.84	146.04	
101	IT								66.34	66.11	65.98	59.98	59.36	65.39	70.32	71.37	65.85	57.27	
102	Other non-network assets								65.25	60.69	58.27	57.66	51.47	54.55	65.80	102.78	98.48	93.29	
103	Land & Easements								256.25	322.39	332.40	280.11	284.94	295.39	305.89	313.60	325.88	335.94	
104	Equity raising costs								0.85	3.37	3.77	5.21	8.91	8.73	8.54	8.35	8.16	7.98	
105	Total								2,939.14	3,173.75	3,209.71	3,150.21	3,126.00	3,132.33	3,175.88	3,225.94	3,232.25	3,223.43	
106																			
107	Initial Capital Base (ICB) (\$M Real 30/06/2017)																		
108	Project Year																		
109	Opening Value																		
110	Transmission cables								13.13	12.72	12.31	11.90	11.49	11.08	10.67	10.26	9.86	9.45	
111	Transmission steel towers								402.37	390.97	379.57	368.17	356.78	345.38	333.98	322.58	311.18	299.78	
112	Transmission wood poles								158.75	148.10	137.44	126.79	116.13	105.48	94.83	84.17	73.52	62.86	
113	Transmission metering								2.11	2.01	1.90	1.80	1.69	1.59	1.48	1.38	1.27	1.17	
114	Transmission transformers								152.71	143.68	132.44	123.81	114.93	107.10	99.71	92.32	84.94	77.55	
115	Transmission reactors								3.94	3.76	3.57	3.38	3.19	3.00	2.82	2.63	2.44	2.25	
116	Transmission capacitors								72.77	68.52	64.26	60.00	55.75	51.49	47.24	42.98	38.73	34.47	
117	Transmission circuit breakers								462.01	441.20	420.39	399.58	378.77	357.95	337.14	316.33	295.52	274.71	
118	SCADA and communications								20.69	16.86	13.03	9.20	5.37	1.53	-	-	-	-	
119	IT								-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	
120	Other non-network assets								15.79	13.16	10.53	7.42	4.79	2.04	-	-	-	-	
121	Land & Easements								98.38	95.15	94.32	86.30	26.70	25.37	25.37	25.37	25.37	25.37	
122	Equity raising costs								-	-	-	-	-	-	-	-	-	-	
123	Total								1,402.66	1,336.12	1,269.77	1,198.35	1,075.59	1,012.02	953.24	898.03	842.82	787.62	
124	Depreciation																		
		ICB Life as at 30/06/2006																	
125	Transmission cables								38.1	-6.54	-0.41	-0.41	-0.41	-0.41	-0.41	-0.409	-0.409	-0.409	-0.409
126	Transmission steel towers								41.3	-182.38	-11.40	-11.40	-11.40	-11.40	-11.40	-11.399	-11.399	-11.399	-11.399
127	Transmission wood poles								20.9	-170.47	-10.65	-10.65	-10.65	-10.65	-10.655	-10.655	-10.655	-10.655	-10.655
128	Transmission metering								26.1	-1.68	-0.11	-0.11	-0.11	-0.11	-0.105	-0.105	-0.105	-0.105	-0.105
129	Transmission transformers								25.5	-123.07	-7.83	-7.83	-7.83	-7.83	-7.386	-7.386	-7.386	-7.386	-7.386
130	Transmission reactors								27.0	-3.00	-0.19	-0.19	-0.19	-0.19	-0.188	-0.188	-0.188	-0.188	-0.188
131	Transmission capacitors								23.1	-68.09	-4.26	-4.26	-4.26	-4.26	-4.256	-4.256	-4.256	-4.256	-4.256
132	Transmission circuit breakers								28.2	-332.98	-20.81	-20.81	-20.81	-20.81	-20.811	-20.811	-20.811	-20.811	-20.811

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Asset

	2	3	4	5	6	7	8	9	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June																	
5	Project Year																	
6	Regulatory Period																	
									2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
									7	8	9	10	11	12	13	14	15	16
									AA3			AA4						
133	SCADA and communications				11.4	-43.69			-3.83	-3.83	-3.83	-3.83	-3.83	-1.533	-	-	-	-
134	IT			4.2	-3.45				-0.00	-	-	-	-	-	-	-	-	-
135	Other non-network assets			12.0	-30.99				-2.63	-2.63	-2.63	-2.63	-2.63	-2.042	-	-	-	-
136	Land & Easements								-	-	-	-	-	-	-	-	-	-
137	Equity raising costs								-	-	-	-	-	-	-	-	-	-
138	Total					-966.35			-62.12	-62.12	-62.12	-62.12	-62.12	-58.78	-55.21	-55.21	-55.21	-55.21
139																		
140	Accelerated Depreciation																	
141	Transmission cables								-	-	-	-	-	-	-	-	-	-
142	Transmission steel towers								-	-	-	-	-	-	-	-	-	-
143	Transmission wood poles								-	-	-	-	-	-	-	-	-	-
144	Transmission metering								-	-	-	-	-	-	-	-	-	-
145	Transmission transformers								-	-	-	-	-	-	-	-	-	-
146	Transmission reactors								-	-	-	-	-	-	-	-	-	-
147	Transmission capacitors								-	-	-	-	-	-	-	-	-	-
148	Transmission circuit breakers								-	-	-	-	-	-	-	-	-	-
149	SCADA and communications								-	-	-	-	-	-	-	-	-	-
150	IT								-	-	-	-	-	-	-	-	-	-
151	Other non-network assets								-	-	-	-	-	-	-	-	-	-
152	Land & Easements								-	-	-	-	-	-	-	-	-	-
153	Equity raising costs								-	-	-	-	-	-	-	-	-	-
154	Total								-	-	-	-	-	-	-	-	-	-
155	Redundant Assets (removed from ICB)																	
156	Transmission cables								-	-	-	-	-	-	-	-	-	-
157	Transmission steel towers								-	-	-	-	-	-	-	-	-	-
158	Transmission wood poles								-	-	-	-	-	-	-	-	-	-
159	Transmission metering								-	-	-	-	-	-	-	-	-	-
160	Transmission transformers								-1.19	-3.41	-0.80	-1.05	-	-	-	-	-	-
161	Transmission reactors								-	-	-	-	-	-	-	-	-	-
162	Transmission capacitors								-	-	-	-	-	-	-	-	-	-
163	Transmission circuit breakers								-	-	-	-	-	-	-	-	-	-
164	SCADA and communications								-	-	-	-	-	-	-	-	-	-
165	IT								-	-	-	-	-	-	-	-	-	-
166	Other non-network assets								-	-	-0.47	-	-0.12	-	-	-	-	-
167	Land & Easements								-3.23	-0.83	-8.03	-59.59	-1.33	-	-	-	-	-
168	Equity raising costs								-	-	-	-	-	-	-	-	-	-
169	Total								-4.42	-4.24	-9.30	-60.64	-1.45	-	-	-	-	-
170	Closing Value																	
171	Transmission cables								12.72	12.31	11.90	11.49	11.08	10.67	10.26	9.86	9.45	9.04
172	Transmission steel towers								390.97	379.57	368.17	356.78	345.38	333.98	322.58	311.18	299.78	288.38
173	Transmission wood poles								148.10	137.44	126.79	116.13	105.48	94.83	84.17	73.52	62.86	52.21
174	Transmission metering								2.01	1.90	1.80	1.69	1.59	1.48	1.38	1.27	1.17	1.06

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision] Transmission Asset

	2	3	4	5	6	7	8	9	17	18	19	20	21	22	23	24	25	26	
4	Year Ending 30 June																		
5	Project Year																		
6	Regulatory Period																		
	AA3									AA4									
175	Transmission transformers	143.68	132.44	123.81	114.93	107.10	99.71	92.32	84.94	77.55	70								
176	Transmission reactors	3.76	3.57	3.38	3.19	3.00	2.82	2.63	2.44	2.25	2.07								
177	Transmission capacitors	68.52	64.26	60.00	55.75	51.49	47.24	42.98	38.73	34.47	30.21								
178	Transmission circuit breakers	441.20	420.39	399.58	378.77	357.95	337.14	316.33	295.52	274.71	253.90								
179	SCADA and communications	16.86	13.03	9.20	5.37	1.53	-	-	-	-	-								
180	IT	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00								
181	Other non-network assets	13.16	10.53	7.42	4.79	2.04	-	-	-	-	-								
182	Land & Easements	95.15	94.32	86.30	26.70	25.37	25.37	25.37	25.37	25.37	25.37								
183	Equity raising costs	-	-	-	-	-	-	-	-	-	-								
184	Total	1,336.12	1,269.77	1,198.35	1,075.59	1,012.02	953.24	898.03	842.82	787.62	732.41								
185																			
186	Capital Expenditure	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022								
187	Project Year	7	8	9	10	11	12	13	14	15	16								
188	Opening Value																		
189	Transmission cables	23.16	40.18	70.30	78.22	79.71	80.55	83.68	86.75	88.39	92.16								
190	Transmission steel towers	423.47	427.95	441.60	438.43	432.23	425.27	420.55	415.78	410.11	405.80								
191	Transmission wood poles	77.43	104.74	131.48	158.55	178.47	196.00	213.32	237.28	255.95	272.80								
192	Transmission metering	-	-	-	-	-	-	-	-	-	-								
193	Transmission transformers	226.57	283.66	384.68	418.10	440.80	455.13	470.87	494.73	514.53	536.23								
194	Transmission reactors	12.96	19.91	31.78	37.64	40.86	43.44	45.36	48.28	50.67	53.36								
195	Transmission capacitors	82.30	84.42	89.84	89.24	87.28	85.04	83.62	82.17	80.37	79.07								
196	Transmission circuit breakers	289.90	309.10	345.86	354.74	362.71	365.97	369.70	377.93	384.74	391.38								
197	SCADA and communications	48.08	52.68	60.75	69.75	81.11	85.33	93.32	109.75	127.64	140.84								
198	IT	60.25	66.34	66.11	65.98	59.98	59.36	65.39	70.32	71.37	65.85								
199	Other non-network assets	46.33	52.09	50.16	50.85	52.87	49.43	54.55	65.80	102.78	98.48								
200	Land & Easements	123.63	161.10	228.06	246.10	253.40	259.56	270.02	280.51	288.23	300.51								
201	Equity raising costs	-	0.85	3.37	3.77	5.21	8.91	8.73	8.54	8.35	8.16								
202	Total	1,414.08	1,603.02	1,903.99	2,011.36	2,074.63	2,113.98	2,179.09	2,277.85	2,383.11	2,444.64								
203	Capex (Adjusted actual owner's capex)	AA2 - AA4: post adjustment owner's capex - cash contribution; However, AA1 NFIT adjustment was applied in year 2012.																	
204	Transmission cables	17.466	31.083	9.617	3.556	3.300	4.721	4.746	3.397	5.600	4.521								
205	Transmission steel towers	11.935	21.406	5.032	2.237	1.708	3.420	3.430	2.574	3.986	3.304								
206	Transmission wood poles	29.144	29.226	30.324	23.925	22.422	22.139	29.274	24.630	23.356	24.428								
207	Transmission metering	-	-	-	-	-	-	-	-	-	-								
208	Transmission transformers	61.931	107.672	42.523	33.285	26.467	25.917	34.544	31.177	33.705	34.413								
209	Transmission reactors	7.232	12.381	6.671	4.211	3.762	2.869	3.932	3.475	3.842	3.890								
210	Transmission capacitors	4.396	7.857	2.098	0.854	0.716	1.229	1.233	0.908	1.443	1.183								
211	Transmission circuit breakers	25.339	43.582	16.606	16.309	12.232	12.111	16.859	15.783	15.916	16.939								
212	SCADA and communications	6.104	10.978	13.103	16.780	11.509	14.183	23.916	27.545	25.363	19.665								
213	IT	10.165	6.697	9.539	5.267	12.331	11.759	15.387	14.064	9.841	6.842								
214	Other non-network assets	8.770	1.886	5.287	7.166	2.265	8.904	16.054	42.727	3.994	3.328								
215	Land & Easements	37.469	66.960	18.037	7.303	6.158	10.455	10.495	7.714	12.281	10.061								

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Asset

	2	3	4	5	6	7	8	9	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June																	
5	Project Year																	
6	Regulatory Period																	
									AA3				AA4					
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022								
	7	8	9	10	11	12	13	14	15	16								
216	Equity raising costs	0.846	2.537	0.475	1.519	3.808	-	-	-	-	-	-	-	-	-	-	-	-
217	Total	220.798	342.264	159.311	122.413	106.679	117.708	159.869	173.995	139.326	128.575							
218	Capex (used for depreciation calculation)																	
219	Transmission cables	17.47	31.08	9.62	3.56	3.30	4.72	4.75	3.40	5.60	4.52							
220	Transmission steel towers	11.94	21.41	5.03	2.24	1.71	3.42	3.43	2.57	3.99	3.30							
221	Transmission wood poles	29.14	29.23	30.32	23.92	22.42	22.14	29.27	24.63	23.36	24.43							
222	Transmission metering	-	-	-	-	-	-	-	-	-	-							
223	Transmission transformers	61.93	107.67	42.52	33.29	26.47	25.92	34.54	31.18	33.71	34.41							
224	Transmission reactors	7.23	12.38	6.67	4.21	3.76	2.87	3.93	3.48	3.84	3.89							
225	Transmission capacitors	4.40	7.86	2.10	0.85	0.72	1.23	1.23	0.91	1.44	1.18							
226	Transmission circuit breakers	25.34	43.58	16.61	16.31	12.23	12.11	16.86	15.78	15.92	16.94							
227	SCADA and communications	6.10	10.98	13.10	16.78	11.51	14.18	23.92	27.55	25.36	19.66							
228	IT	10.17	6.70	9.54	5.27	12.33	11.76	15.39	14.06	9.84	6.84							
229	Other non-network assets	8.77	1.89	5.29	7.17	2.27	8.90	16.05	42.73	3.99	3.33							
230	Land & Easements	37.47	66.96	18.04	7.30	6.16	10.45	10.50	7.71	12.28	10.06							
231	Equity raising costs	0.85	2.54	0.48	1.52	3.81	-	-	-	-	-							
232	Total	220.80	342.26	159.31	122.41	106.68	117.71	159.87	173.99	139.33	128.57							
233	CAPEX Depreciation																	
234	Transmission cables	-0.447	-0.963	-1.696	-2.065	-2.459	-1.590	-1.676	-1.762	-1.824	-1.926							
235	Transmission steel towers	-7.453	-7.761	-8.202	-8.432	-8.677	-8.137	-8.194	-8.251	-8.294	-8.361							
236	Transmission wood poles	-1.838	-2.485	-3.259	-4.003	-4.894	-4.818	-5.310	-5.961	-6.508	-7.027							
237	Transmission metering	-	-	-	-	-	-	-	-	-	-							
238	Transmission transformers	-4.845	-6.651	-9.097	-10.585	-12.145	-10.170	-10.688	-11.379	-12.003	-12.677							
239	Transmission reactors	-0.280	-0.509	-0.815	-0.991	-1.177	-0.950	-1.007	-1.086	-1.156	-1.232							
240	Transmission capacitors	-2.270	-2.444	-2.692	-2.819	-2.955	-2.650	-2.681	-2.712	-2.734	-2.770							
241	Transmission circuit breakers	-6.141	-6.822	-7.726	-8.335	-8.968	-8.388	-8.630	-8.967	-9.283	-9.601							
242	SCADA and communications	-1.502	-2.910	-4.107	-5.417	-7.292	-6.194	-7.483	-9.657	-12.161	-14.467							
243	IT	-4.075	-6.924	-9.668	-11.274	-12.951	-5.725	-10.454	-13.018	-15.362	-15.420							
244	Other non-network assets	-3.005	-3.813	-4.602	-5.149	-5.700	-3.789	-4.799	-5.752	-8.288	-8.525							
245	Land & Easements	-	-	-	-	-	-	-	-	-	-							
246	Equity raising costs	-	-0.017	-0.068	-0.078	-0.109	-0.188	-0.188	-0.188	-0.188	-0.188							
247	Total	-31.855	-41.300	-51.934	-59.148	-67.327	-52.598	-61.110	-68.733	-77.800	-82.193							
248	Redundant Asset (residual value)																	
249	Transmission cables	-	-	-	-	-	-	-	-	-	-							
250	Transmission steel towers	-	-	-	-	-	-	-	-	-	-							
251	Transmission wood poles	-	-	-	-	-	-	-	-	-	-							
252	Transmission metering	-	-	-	-	-	-	-	-	-	-							
253	Transmission transformers	-	-	-	-	-	-	-	-	-	-							
254	Transmission reactors	-	-	-	-	-	-	-	-	-	-							
255	Transmission capacitors	-	-	-	-	-	-	-	-	-	-							
256	Transmission circuit breakers	-	-	-	-	-	-	-	-	-	-							
257	SCADA and communications	-	-	-	-	-	-	-	-	-	-							

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Asset

	2	3	4	5	6	7	8	9	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June																	
5	Project Year																	
6	Regulatory Period																	
									AA3				AA4					
258	IT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
259	Other non-network assets	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
260	Land & Easements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
261	Equity raising costs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
262	Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
263	Closing Value																	
264	Transmission cables	40.18	70.30	78.22	79.71	80.55	83.68	86.75	88.39	92.16	94.76							
265	Transmission steel towers	427.95	441.60	438.43	432.23	425.27	420.55	415.78	410.11	405.80	400.74							
266	Transmission wood poles	104.74	131.48	158.55	178.47	196.00	213.32	237.28	255.95	272.80	290.20							
267	Transmission metering	-	-	-	-	-	-	-	-	-	-							
268	Transmission transformers	283.66	384.68	418.10	440.80	455.13	470.87	494.73	514.53	536.23	557.97							
269	Transmission reactors	19.91	31.78	37.64	40.86	43.44	45.36	48.28	50.67	53.36	56.02							
270	Transmission capacitors	84.42	89.84	89.24	87.28	85.04	83.62	82.17	80.37	79.07	77.49							
271	Transmission circuit breakers	309.10	345.86	354.74	362.71	365.97	369.70	377.93	384.74	391.38	398.72							
272	SCADA and communications	52.68	60.75	69.75	81.11	85.33	93.32	109.75	127.64	140.84	146.04							
273	IT	66.34	66.11	65.98	59.98	59.36	65.39	70.32	71.37	65.85	57.27							
274	Other non-network assets	52.09	50.16	50.85	52.87	49.43	54.55	65.80	102.78	98.48	93.29							
275	Land & Easements	161.10	228.06	246.10	253.40	259.56	270.02	280.51	288.23	300.51	310.57							
276	Equity raising costs	0.85	3.37	3.77	5.21	8.91	8.73	8.54	8.35	8.16	7.98							
277	Total	1,603.02	1,903.99	2,011.36	2,074.63	2,113.98	2,179.09	2,277.85	2,383.11	2,444.64	2,491.02							
278																		
279	Depreciation 1																	
		1	Life															
280	Transmission cables	1	55.00	-0.104	-0.104	-0.104	-0.104	-0.104	-0.104	-0.104	-0.104	-0.104	-0.104	-0.104	-0.104	-0.104	-0.104	-0.104
281	Transmission steel towers	1	60.00	-1.508	-1.508	-1.508	-1.508	-1.508	-1.508	-1.508	-1.508	-1.508	-1.508	-1.508	-1.508	-1.508	-1.508	-1.508
282	Transmission wood poles	1	45.00	-0.363	-0.363	-0.363	-0.363	-0.363	-0.363	-0.363	-0.363	-0.363	-0.363	-0.363	-0.363	-0.363	-0.363	-0.363
283	Transmission metering	1	40.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
284	Transmission transformers	1	50.00	-1.229	-1.229	-1.229	-1.229	-1.229	-1.229	-1.229	-1.229	-1.229	-1.229	-1.229	-1.229	-1.229	-1.229	-1.229
285	Transmission reactors	1	50.00	-0.094	-0.094	-0.094	-0.094	-0.094	-0.094	-0.094	-0.094	-0.094	-0.094	-0.094	-0.094	-0.094	-0.094	-0.094
286	Transmission capacitors	1	40.00	-0.773	-0.773	-0.773	-0.773	-0.773	-0.773	-0.773	-0.773	-0.773	-0.773	-0.773	-0.773	-0.773	-0.773	-0.773
287	Transmission circuit breakers	1	50.00	-1.268	-1.268	-1.268	-1.268	-1.268	-1.268	-1.268	-1.268	-1.268	-1.268	-1.268	-1.268	-1.268	-1.268	-1.268
288	SCADA and communications	1	34.15	-0.229	-0.229	-0.229	-0.229	-0.229	-0.229	-0.229	-0.229	-0.229	-0.229	-0.229	-0.229	-0.229	-0.229	-0.229
289	IT	1	16.85	-0.426	-0.426	-0.426	-0.426	-0.426	-0.426	-0.426	-0.426	-0.426	-0.426	-0.426	-0.426	-0.426	-0.426	-0.426
290	Other non-network assets	1	16.85	-0.083	-0.083	-0.083	-0.083	-0.083	-0.083	-0.083	-0.083	-0.083	-0.083	-0.083	-0.083	-0.083	-0.083	-0.083
291	Land & Easements	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Equity raising costs	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
293	Total			-6.077	-6.077	-6.077	-6.077	-6.077	-6.077	-6.077	-6.077	-6.077	-6.077	-6.077	-6.077	-6.077	-6.077	-6.077
294	Depreciation 2																	
		2																
295	Transmission cables	2	55.00	-0.088	-0.088	-0.088	-0.088	-0.088	-0.088	-0.088	-0.088	-0.088	-0.088	-0.088	-0.088	-0.088	-0.088	-0.088
296	Transmission steel towers	2	60.00	-2.152	-2.152	-2.152	-2.152	-2.152	-2.152	-2.152	-2.152	-2.152	-2.152	-2.152	-2.152	-2.152	-2.152	-2.152
297	Transmission wood poles	2	45.00	-0.340	-0.340	-0.340	-0.340	-0.340	-0.340	-0.340	-0.340	-0.340	-0.340	-0.340	-0.340	-0.340	-0.340	-0.340
298	Transmission metering	2	40.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
299	Transmission transformers	2	50.00	-1.084	-1.084	-1.084	-1.084	-1.084	-1.084	-1.084	-1.084	-1.084	-1.084	-1.084	-1.084	-1.084	-1.084	-1.084

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Asset

	2	3	4	5	6	7	8	9	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June																	
5	Project Year																	
6	Regulatory Period																	
									2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
									7	8	9	10	11	12	13	14	15	16
									AA3				AA4					
300	Transmission reactors	2	50.00						-0.070	-0.070	-0.070	-0.070	-0.070	-0.070	-0.070	-0.070	-0.070	-0.070
301	Transmission capacitors	2	40.00						-0.570	-0.570	-0.570	-0.570	-0.570	-0.570	-0.570	-0.570	-0.570	-0.570
302	Transmission circuit breakers	2	50.00						-1.046	-1.046	-1.046	-1.046	-1.046	-1.046	-1.046	-1.046	-1.046	-1.046
303	SCADA and communications	2	34.15						-0.160	-0.160	-0.160	-0.160	-0.160	-0.160	-0.160	-0.160	-0.160	-0.160
304	IT	2	16.85						-0.746	-0.746	-0.746	-0.746	-0.746	-0.746	-0.746	-0.746	-0.746	-0.746
305	Other non-network assets	2	16.85						-0.124	-0.124	-0.124	-0.124	-0.124	-0.124	-0.124	-0.124	-0.124	-0.124
306	Land & Easements	2	-						-	-	-	-	-	-	-	-	-	-
307	Equity raising costs	2	-						-	-	-	-	-	-	-	-	-	-
308	Total								-6.379	-6.379	-6.379	-6.379	-6.379	-6.379	-6.379	-6.379	-6.379	-6.379
309	Depreciation 3	3																
310	Transmission cables	3	55.00						-0.103	-0.103	-0.103	-0.103	-0.103	-0.103	-0.103	-0.103	-0.103	-0.103
311	Transmission steel towers	3	60.00						-1.724	-1.724	-1.724	-1.724	-1.724	-1.724	-1.724	-1.724	-1.724	-1.724
312	Transmission wood poles	3	45.00						-0.413	-0.413	-0.413	-0.413	-0.413	-0.413	-0.413	-0.413	-0.413	-0.413
313	Transmission metering	3	40.00						-	-	-	-	-	-	-	-	-	-
314	Transmission transformers	3	50.00						-1.146	-1.146	-1.146	-1.146	-1.146	-1.146	-1.146	-1.146	-1.146	-1.146
315	Transmission reactors	3	50.00						-0.077	-0.077	-0.077	-0.077	-0.077	-0.077	-0.077	-0.077	-0.077	-0.077
316	Transmission capacitors	3	40.00						-0.616	-0.616	-0.616	-0.616	-0.616	-0.616	-0.616	-0.616	-0.616	-0.616
317	Transmission circuit breakers	3	50.00						-1.403	-1.403	-1.403	-1.403	-1.403	-1.403	-1.403	-1.403	-1.403	-1.403
318	SCADA and communications	3	34.15						-0.184	-0.184	-0.184	-0.184	-0.184	-0.184	-0.184	-0.184	-0.184	-0.184
319	IT	3	16.85						-0.429	-0.429	-0.429	-0.429	-0.429	-0.429	-0.429	-0.429	-0.429	-0.429
320	Other non-network assets	3	16.85						-0.510	-0.510	-0.510	-0.510	-0.510	-0.510	-0.510	-0.510	-0.510	-0.510
321	Land & Easements	3	-						-	-	-	-	-	-	-	-	-	-
322	Equity raising costs	3	-						-	-	-	-	-	-	-	-	-	-
323	Total								-6.608	-6.608	-6.608	-6.608	-6.608	-6.608	-6.608	-6.608	-6.608	-6.608
324	Depreciation 4	4																
325	Transmission cables	4	55.00						-0.092	-0.092	-0.092	-0.092	-0.092	-0.092	-0.092	-0.092	-0.092	-0.092
326	Transmission steel towers	4	60.00						-0.898	-0.898	-0.898	-0.898	-0.898	-0.898	-0.898	-0.898	-0.898	-0.898
327	Transmission wood poles	4	45.00						-0.317	-0.317	-0.317	-0.317	-0.317	-0.317	-0.317	-0.317	-0.317	-0.317
328	Transmission metering	4	40.00						-	-	-	-	-	-	-	-	-	-
329	Transmission transformers	4	50.00						-0.714	-0.714	-0.714	-0.714	-0.714	-0.714	-0.714	-0.714	-0.714	-0.714
330	Transmission reactors	4	50.00						-0.023	-0.023	-0.023	-0.023	-0.023	-0.023	-0.023	-0.023	-0.023	-0.023
331	Transmission capacitors	4	40.00						-0.241	-0.241	-0.241	-0.241	-0.241	-0.241	-0.241	-0.241	-0.241	-0.241
332	Transmission circuit breakers	4	50.00						-0.754	-0.754	-0.754	-0.754	-0.754	-0.754	-0.754	-0.754	-0.754	-0.754
333	SCADA and communications	4	34.15						-0.339	-0.339	-0.339	-0.339	-0.339	-0.339	-0.339	-0.339	-0.339	-0.339
334	IT	4	16.85						-0.558	-0.558	-0.558	-0.558	-0.558	-0.619	-0.619	-0.619	-0.619	-0.619
335	Other non-network assets	4	16.85						-0.521	-0.521	-0.521	-0.521	-0.521	-0.521	-0.521	-0.521	-0.521	-0.521
336	Land & Easements	4	-						-	-	-	-	-	-	-	-	-	-
337	Equity raising costs	4	-						-	-	-	-	-	-	-	-	-	-
338	Total								-4.457	-4.457	-4.457	-4.457	-4.457	-4.518	-4.518	-4.518	-4.518	-4.518
339	Depreciation 5	5																
340	Transmission cables	5	55.00						-0.040	-0.040	-0.040	-0.040	-0.040	-0.040	-0.040	-0.040	-0.040	-0.040
341	Transmission steel towers	5	60.00						-0.580	-0.580	-0.580	-0.580	-0.580	-0.580	-0.580	-0.580	-0.580	-0.580

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Asset

	2	3	4	5	6	7	8	9	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June																	
5	Project Year																	
6	Regulatory Period																	
									2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
									7	8	9	10	11	12	13	14	15	16
									AA3					AA4				
342	Transmission wood poles	5	45.00						-0.207	-0.207	-0.207	-0.207	-0.207	-0.207	-0.207	-0.207	-0.207	-0.207
343	Transmission metering	5	40.00						-	-	-	-	-	-	-	-	-	-
344	Transmission transformers	5	50.00						-0.338	-0.338	-0.338	-0.338	-0.338	-0.338	-0.338	-0.338	-0.338	-0.338
345	Transmission reactors	5	50.00						-0.007	-0.007	-0.007	-0.007	-0.007	-0.007	-0.007	-0.007	-0.007	-0.007
346	Transmission capacitors	5	40.00						-0.033	-0.033	-0.033	-0.033	-0.033	-0.033	-0.033	-0.033	-0.033	-0.033
347	Transmission circuit breakers	5	50.00						-0.916	-0.916	-0.916	-0.916	-0.916	-0.916	-0.916	-0.916	-0.916	-0.916
348	SCADA and communications	5	34.15						-0.184	-0.184	-0.184	-0.184	-0.184	-0.184	-0.184	-0.184	-0.184	-0.184
349	IT	5	16.85						-0.885	-0.885	-0.885	-0.885	-0.885	-0.885	-0.885	-0.885	-0.885	-0.885
350	Other non-network assets	5	16.85						-0.832	-0.832	-0.832	-0.832	-0.832	-0.832	-0.832	-0.832	-0.832	-0.832
351	Land & Easements	5	-						-	-	-	-	-	-	-	-	-	-
352	Equity raising costs	5	-						-	-	-	-	-	-	-	-	-	-
353	Total								-4.024	-4.024	-4.024	-4.024	-4.024	-4.024	-4.024	-4.024	-4.024	-4.024
354	Depreciation 6	6																
355	Transmission cables	6	55.00						-0.019	-0.019	-0.019	-0.019	-0.019	-0.019	-0.019	-0.019	-0.019	-0.019
356	Transmission steel towers	6	60.00						-0.591	-0.591	-0.591	-0.591	-0.591	-0.591	-0.591	-0.591	-0.591	-0.591
357	Transmission wood poles	6	45.00						-0.198	-0.198	-0.198	-0.198	-0.198	-0.198	-0.198	-0.198	-0.198	-0.198
358	Transmission metering	6	40.00						-	-	-	-	-	-	-	-	-	-
359	Transmission transformers	6	50.00						-0.333	-0.333	-0.333	-0.333	-0.333	-0.333	-0.333	-0.333	-0.333	-0.333
360	Transmission reactors	6	50.00						-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009
361	Transmission capacitors	6	40.00						-0.037	-0.037	-0.037	-0.037	-0.037	-0.037	-0.037	-0.037	-0.037	-0.037
362	Transmission circuit breakers	6	50.00						-0.753	-0.753	-0.753	-0.753	-0.753	-0.753	-0.753	-0.753	-0.753	-0.753
363	SCADA and communications	6	34.15						-0.406	-0.406	-0.406	-0.406	-0.406	-0.406	-0.406	-0.406	-0.406	-0.406
364	IT	6	16.85						-1.030	-1.030	-1.030	-1.030	-1.030	-1.033	-1.033	-1.033	-1.033	-1.033
365	Other non-network assets	6	16.85						-0.935	-0.935	-0.935	-0.935	-0.935	-0.935	-0.935	-0.935	-0.935	-0.935
366	Land & Easements	6	-						-	-	-	-	-	-	-	-	-	-
367	Equity raising costs	6	-						-	-	-	-	-	-	-	-	-	-
368	Total								-4.310	-4.310	-4.310	-4.310	-4.310	-4.313	-4.313	-4.313	-4.313	-4.313
369	Depreciation 7	7																
370	Transmission cables	7	55.00						-	-0.516	-0.516	-0.516	-0.516	-0.302	-0.302	-0.302	-0.302	-0.302
371	Transmission steel towers	7	60.00						-	-0.309	-0.309	-0.309	-0.309	-0.191	-0.191	-0.191	-0.191	-0.191
372	Transmission wood poles	7	45.00						-	-0.648	-0.648	-0.648	-0.648	-0.648	-0.648	-0.648	-0.648	-0.648
373	Transmission metering	7	40.00						-	-	-	-	-	-	-	-	-	-
374	Transmission transformers	7	50.00						-	-1.806	-1.806	-1.806	-1.806	-1.189	-1.189	-1.189	-1.189	-1.189
375	Transmission reactors	7	50.00						-	-0.229	-0.229	-0.229	-0.229	-0.137	-0.137	-0.137	-0.137	-0.137
376	Transmission capacitors	7	40.00						-	-0.174	-0.174	-0.174	-0.174	-0.103	-0.103	-0.103	-0.103	-0.103
377	Transmission circuit breakers	7	50.00						-	-0.680	-0.680	-0.680	-0.680	-0.492	-0.492	-0.492	-0.492	-0.492
378	SCADA and communications	7	11.00						-	-1.409	-1.409	-1.409	-1.409	-0.067	-0.067	-0.067	-0.067	-0.067
379	IT	7	6.00						-	-2.850	-2.850	-2.850	-2.850	1.234	-	-	-	-
380	Other non-network assets	7	16.85						-	-0.807	-0.807	-0.807	-0.807	-0.431	-0.431	-0.431	-0.431	-0.431
381	Land & Easements	7	-						-	-	-	-	-	-	-	-	-	-
382	Equity raising costs	7	49.00						-	-0.017	-0.017	-0.017	-0.017	-0.017	-0.017	-0.017	-0.017	-0.017
383	Total								-	-9.446	-9.446	-9.446	-9.446	-2.343	-3.577	-3.577	-3.577	-3.577

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Asset

	2	3	4	5	6	7	8	9	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June																	
5	Project Year																	
6	Regulatory Period																	
									AA3					AA4				
384	Depreciation 8																	
385	Transmission cables	8	55.00						-	-	-0.733	-0.733	-0.733	-0.555	-0.555	-0.555	-0.555	-0.555
386	Transmission steel towers	8	60.00						-	-	-0.441	-0.441	-0.441	-0.352	-0.352	-0.352	-0.352	-0.352
387	Transmission wood poles	8	45.00						-	-	-0.774	-0.774	-0.774	-0.641	-0.641	-0.641	-0.641	-0.641
388	Transmission metering	8	40.00						-	-	-	-	-	-	-	-	-	-
389	Transmission transformers	8	50.00						-	-	-2.445	-2.445	-2.445	-2.135	-2.135	-2.135	-2.135	-2.135
390	Transmission reactors	8	50.00						-	-	-0.307	-0.307	-0.307	-0.244	-0.244	-0.244	-0.244	-0.244
391	Transmission capacitors	8	40.00						-	-	-0.248	-0.248	-0.248	-0.192	-0.192	-0.192	-0.192	-0.192
392	Transmission circuit breakers	8	50.00						-	-	-0.905	-0.905	-0.905	-0.870	-0.870	-0.870	-0.870	-0.870
393	SCADA and communications	8	11.00						-	-	-1.197	-1.197	-1.197	-0.923	-0.923	-0.923	-0.923	-0.923
394	IT	8	6.00						-	-	-2.744	-2.744	-2.744	1.535	-	-	-	-
395	Other non-network assets	8	16.85						-	-	-0.789	-0.789	-0.789	0.482	-	-	-	-
396	Land & Easements	8	-						-	-	-	-	-	-	-	-	-	-
397	Equity raising costs	8	49.00						-	-	-0.051	-0.051	-0.051	-0.052	-0.052	-0.052	-0.052	-0.052
398	Total								-	-	-10.633	-10.633	-10.633	-3.948	-5.964	-5.964	-5.964	-5.964
399	Depreciation 9																	
400	Transmission cables	9	55.00						-	-	-	-0.369	-0.369	-0.168	-0.168	-0.168	-0.168	-0.168
401	Transmission steel towers	9	60.00						-	-	-	-0.230	-0.230	-0.079	-0.079	-0.079	-0.079	-0.079
402	Transmission wood poles	9	45.00						-	-	-	-0.744	-0.744	-0.671	-0.671	-0.671	-0.671	-0.671
403	Transmission metering	9	40.00						-	-	-	-	-	-	-	-	-	-
404	Transmission transformers	9	50.00						-	-	-	-1.488	-1.488	-0.824	-0.824	-0.824	-0.824	-0.824
405	Transmission reactors	9	50.00						-	-	-	-0.176	-0.176	-0.132	-0.132	-0.132	-0.132	-0.132
406	Transmission capacitors	9	40.00						-	-	-	-0.127	-0.127	-0.049	-0.049	-0.049	-0.049	-0.049
407	Transmission circuit breakers	9	50.00						-	-	-	-0.609	-0.609	-0.321	-0.321	-0.321	-0.321	-0.321
408	SCADA and communications	9	11.00						-	-	-	-1.310	-1.310	-1.165	-1.165	-1.165	-1.165	-1.165
409	IT	9	6.00						-	-	-	-1.605	-1.605	-1.582	-1.582	-1.582	-1.582	-
410	Other non-network assets	9	16.85						-	-	-	-0.547	-0.547	-0.282	-0.282	-0.282	-0.282	-0.282
411	Land & Easements	9	-						-	-	-	-	-	-	-	-	-	-
412	Equity raising costs	9	49.00						-	-	-	-0.009	-0.009	-0.010	-0.010	-0.010	-0.010	-0.010
413	Total								-	-	-	-7.215	-7.215	-5.280	-5.280	-5.280	-5.280	-3.699
414	Depreciation 10																	
415	Transmission cables	10	55.00						-	-	-	-	-0.394	-0.059	-0.059	-0.059	-0.059	-0.059
416	Transmission steel towers	10	60.00						-	-	-	-	-0.245	-0.034	-0.034	-0.034	-0.034	-0.034
417	Transmission wood poles	10	45.00						-	-	-	-	-0.891	-0.523	-0.523	-0.523	-0.523	-0.523
418	Transmission metering	10	40.00						-	-	-	-	-	-	-	-	-	-
419	Transmission transformers	10	50.00						-	-	-	-	-1.560	-0.647	-0.647	-0.647	-0.647	-0.647
420	Transmission reactors	10	50.00						-	-	-	-	-0.185	-0.082	-0.082	-0.082	-0.082	-0.082
421	Transmission capacitors	10	40.00						-	-	-	-	-0.136	-0.018	-0.018	-0.018	-0.018	-0.018
422	Transmission circuit breakers	10	50.00						-	-	-	-	-0.633	-0.320	-0.320	-0.320	-0.320	-0.320
423	SCADA and communications	10	11.00						-	-	-	-	-1.875	-1.491	-1.491	-1.491	-1.491	-1.491
424	IT	10	6.00						-	-	-	-	-1.677	-0.718	-0.718	-0.718	-0.718	-0.718
425	Other non-network assets	10	16.85						-	-	-	-	-0.552	-0.417	-0.417	-0.417	-0.417	-0.417

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Asset

	2	3	4	5	6	7	8	9	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June																	
5	Project Year																	
6	Regulatory Period																	
									2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
									7	8	9	10	11	12	13	14	15	16
									AA3			AA4						
426	Land & Easements				10	-			-	-	-	-	-	-	-	-	-	-
427	Equity raising costs				10	49.00			-	-	-	-	-0.032	-0.031	-0.031	-0.031	-0.031	-0.031
428	Total								-	-	-	-	-8.179	-4.341	-4.341	-4.341	-4.341	-4.341
429	Depreciation 11				11													
430	Transmission cables				11	55.00								-0.060	-0.060	-0.060	-0.060	-0.060
431	Transmission steel towers				11	60.00								-0.028	-0.028	-0.028	-0.028	-0.028
432	Transmission wood poles				11	45.00								-0.498	-0.498	-0.498	-0.498	-0.498
433	Transmission metering				11	40.00								-	-	-	-	-
434	Transmission transformers				11	50.00								-0.529	-0.529	-0.529	-0.529	-0.529
435	Transmission reactors				11	50.00								-0.075	-0.075	-0.075	-0.075	-0.075
436	Transmission capacitors				11	40.00								-0.018	-0.018	-0.018	-0.018	-0.018
437	Transmission circuit breakers				11	50.00								-0.245	-0.245	-0.245	-0.245	-0.245
438	SCADA and communications				11	11.00								-1.046	-1.046	-1.046	-1.046	-1.046
439	IT				11	6.00								-2.055	-2.055	-2.055	-2.055	-2.055
440	Other non-network assets				11	16.85								-0.134	-0.134	-0.134	-0.134	-0.134
441	Land & Easements				11	-								-	-	-	-	-
442	Equity raising costs				11	49.00								-0.078	-0.078	-0.078	-0.078	-0.078
443	Total													-4.767	-4.767	-4.767	-4.767	-4.767
444	Depreciation 12				12													
445	Transmission cables				12	55.00								-	-0.086	-0.086	-0.086	-0.086
446	Transmission steel towers				12	60.00								-	-0.057	-0.057	-0.057	-0.057
447	Transmission wood poles				12	45.00								-	-0.492	-0.492	-0.492	-0.492
448	Transmission metering				12	40.00								-	-	-	-	-
449	Transmission transformers				12	50.00								-	-0.518	-0.518	-0.518	-0.518
450	Transmission reactors				12	50.00								-	-0.057	-0.057	-0.057	-0.057
451	Transmission capacitors				12	40.00								-	-0.031	-0.031	-0.031	-0.031
452	Transmission circuit breakers				12	50.00								-	-0.242	-0.242	-0.242	-0.242
453	SCADA and communications				12	11.00								-	-1.289	-1.289	-1.289	-1.289
454	IT				12	6.00								-	-1.960	-1.960	-1.960	-1.960
455	Other non-network assets				12	16.85								-	-0.528	-0.528	-0.528	-0.528
456	Land & Easements				12	-								-	-	-	-	-
457	Equity raising costs				12	49.00								-	-	-	-	-
458	Total													-	-5.261	-5.261	-5.261	-5.261
459	Depreciation 13				13													
460	Transmission cables				13	55.00								-	-	-0.086	-0.086	-0.086
461	Transmission steel towers				13	60.00								-	-	-0.057	-0.057	-0.057
462	Transmission wood poles				13	45.00								-	-	-0.651	-0.651	-0.651
463	Transmission metering				13	40.00								-	-	-	-	-
464	Transmission transformers				13	50.00								-	-	-0.691	-0.691	-0.691
465	Transmission reactors				13	50.00								-	-	-0.079	-0.079	-0.079
466	Transmission capacitors				13	40.00								-	-	-0.031	-0.031	-0.031
467	Transmission circuit breakers				13	50.00								-	-	-0.337	-0.337	-0.337

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Asset

	2	3	4	5	6	7	8	9	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June																	
5	Project Year																	
6	Regulatory Period																	
										AA3			AA4					
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022								
	7	8	9	10	11	12	13	14	15	16								
468	SCADA and communications	13	11.00													-2.174	-2.174	-2.174
469	IT	13	6.00													-2.564	-2.564	-2.564
470	Other non-network assets	13	16.85													-0.953	-0.953	-0.953
471	Land & Easements	13	-													-	-	-
472	Equity raising costs	13	49.00													-	-	-
473	Total															-7.623	-7.623	-7.623
474	Depreciation 14	14																
475	Transmission cables	14	55.00													-	-	-0.062
476	Transmission steel towers	14	60.00													-	-	-0.043
477	Transmission wood poles	14	45.00													-	-	-0.547
478	Transmission metering	14	40.00													-	-	-
479	Transmission transformers	14	50.00													-	-	-0.624
480	Transmission reactors	14	50.00													-	-	-0.070
481	Transmission capacitors	14	40.00													-	-	-0.023
482	Transmission circuit breakers	14	50.00													-	-	-0.316
483	SCADA and communications	14	11.00													-	-	-2.504
484	IT	14	6.00													-	-	-2.344
485	Other non-network assets	14	16.85													-	-	-2.536
486	Land & Easements	14	-													-	-	-
487	Equity raising costs	14	49.00													-	-	-
488	Total															-	-	-9.067
489	Depreciation 15	15																
490	Transmission cables	15	55.00													-	-	-0.102
491	Transmission steel towers	15	60.00													-	-	-0.066
492	Transmission wood poles	15	45.00													-	-	-0.519
493	Transmission metering	15	40.00													-	-	-
494	Transmission transformers	15	50.00													-	-	-0.674
495	Transmission reactors	15	50.00													-	-	-0.077
496	Transmission capacitors	15	40.00													-	-	-0.036
497	Transmission circuit breakers	15	50.00													-	-	-0.318
498	SCADA and communications	15	11.00													-	-	-2.306
499	IT	15	6.00													-	-	-1.640
500	Other non-network assets	15	16.85													-	-	-0.237
501	Land & Easements	15	-													-	-	-
502	Equity raising costs	15	49.00													-	-	-
503	Total															-	-	-5.976

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Tax Asset

	2	3	4	5	6	7	8	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June								2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5 Project Year								7	8	9	10	11	12	13	14	15	16
6 Regulatory Period								AA3					AA4				
7 Distribution TAB Summary																	
8 Opening Asset Value								2,043.26	2,177.97	2,416.87	2,469.36	2,428.99	2,430.18	2,444.33	2,499.13	2,562.09	2,578.45
9 Capex								205.04	327.42	154.71	120.09	106.68	119.87	165.81	183.78	149.87	140.85
10 Depreciation								-65.11	-81.21	-91.95	-99.94	-103.92	-105.73	-111.01	-120.82	-133.51	-135.00
11 Accelerated Depreciation								-	-	-	-	-	-	-	-	-	-
12 Redundant Asset								-5.22	-7.32	-10.27	-60.52	-1.57	-	-	-	-	-
13 Closing Asset Value								2,177.97	2,416.87	2,469.36	2,428.99	2,430.18	2,444.33	2,499.13	2,562.09	2,578.45	2,584.30
14																	
15 Distribution TAB by asset categories																	
16 Opening Value																	
17 Transmission cables								1,328.90	1,291.64	1,254.34	1,217.36	1,180.48	1,143.62	1,106.77	1,069.91	1,033.06	996.21
18 Transmission steel towers								58.79	58.50	57.22	55.95	54.68	53.40	52.12	50.84	49.56	48.28
19 Transmission wood poles								9.14	9.10	8.90	8.70	8.50	8.30	8.11	7.91	7.71	7.51
20 Transmission metering								-	-	-	-	-	-	-	-	-	-
21 Transmission transformers								165.50	161.04	153.80	149.06	144.08	140.10	136.13	132.15	128.18	124.20
22 Transmission reactors								1.93	1.92	1.87	1.82	1.77	1.72	1.67	1.62	1.57	1.52
23 Transmission capacitors								12.79	12.70	12.37	12.04	11.71	11.38	11.05	10.72	10.39	10.06
24 Transmission circuit breakers								23.56	23.41	22.80	22.19	21.58	20.98	20.37	19.76	19.15	18.54
25 SCADA and communications								72.73	66.45	59.18	52.59	46.34	40.23	34.13	28.02	21.92	15.82
26 IT								18.77	17.47	12.61	7.82	3.04	-	-	-	-	-
27 Other non-network assets								151.00	134.94	124.43	115.20	106.60	98.04	89.61	81.17	72.74	64.30
28 Land & Easements								2,043.26	1,974.30	1,903.87	1,831.28	1,708.87	1,646.55	1,588.71	1,530.88	1,473.04	1,415.21
29 Equity raising costs								-	-	-	-	-	-	-	-	-	-
30 Total								3,886.37	3,751.46	3,611.38	3,474.01	3,287.64	3,164.33	3,048.66	2,932.99	2,817.32	2,701.65
31 Capex (Actual AA1, AA2, AA3 & Forecast AA4)																	
32 Transmission cables								16.22	29.73	9.34	3.49	3.30	4.81	4.92	3.59	6.02	4.95
33 Transmission steel towers								11.08	20.48	4.89	2.19	1.71	3.48	3.56	2.72	4.29	3.62
34 Transmission wood poles								27.06	27.96	29.45	23.47	22.42	22.55	30.36	26.01	25.12	26.76
35 Transmission metering								-	-	-	-	-	-	-	-	-	-
36 Transmission transformers								57.51	103.00	41.29	32.65	26.47	26.39	35.83	32.93	36.26	37.70
37 Transmission reactors								6.72	11.84	6.48	4.13	3.76	2.92	4.08	3.67	4.13	4.26
38 Transmission capacitors								4.08	7.52	2.04	0.84	0.72	1.25	1.28	0.96	1.55	1.30
39 Transmission circuit breakers								23.53	41.69	16.13	16.00	12.23	12.33	17.49	16.67	17.12	18.56
40 SCADA and communications								5.67	10.50	12.72	16.46	11.51	14.44	24.80	29.09	27.28	21.54
41 IT								9.44	6.41	9.26	5.17	12.33	11.98	15.96	14.85	10.59	7.49
42 Other non-network assets								8.14	1.80	5.13	7.03	2.27	9.07	16.65	45.13	4.30	3.65
43 Land & Easements								34.80	64.06	17.52	7.16	6.16	10.65	10.89	8.15	13.21	11.02
44 Equity raising costs								0.79	2.43	0.46	1.49	3.81	-	-	-	-	-
45 Total								205.04	327.42	154.71	120.09	106.68	119.87	165.81	183.78	149.87	140.85
46 Depreciation																	
47 Transmission cables								-37.26	-37.99	-38.88	-39.10	-39.13	-39.17	-39.27	-39.38	-39.42	-39.57
48 Transmission steel towers								-0.28	-1.75	-2.58	-2.73	-2.77	-2.78	-2.86	-2.95	-2.99	-3.10

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Tax Asset

	2	3	4	5	6	7	8	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022							
5 Project Year	7	8	9	10	11	12	13	14	15	16							
6 Regulatory Period	AA3						AA4										
49 Transmission wood poles	-0.04	-1.34	-2.47	-3.61	-4.46	-5.22	-5.96	-7.00	-7.80	-8.54							
50 Transmission metering	-	-	-	-	-	-	-	-	-	-							
51 Transmission transformers	-3.35	-6.85	-11.84	-13.51	-14.68	-15.47	-16.22	-17.39	-18.37	-19.46							
52 Transmission reactors	-0.01	-0.39	-0.96	-1.24	-1.39	-1.51	-1.58	-1.71	-1.81	-1.93							
53 Transmission capacitors	-0.09	-0.53	-0.90	-0.97	-0.98	-0.99	-1.02	-1.05	-1.06	-1.10							
54 Transmission circuit breakers	-0.15	-1.79	-3.81	-4.45	-5.06	-5.45	-5.83	-6.44	-6.98	-7.52							
55 SCADA and communications	-6.29	-8.17	-9.03	-10.34	-12.17	-13.04	-14.24	-16.91	-19.84	-22.00							
56 IT	-1.30	-9.58	-10.35	-12.19	-9.92	-9.42	-10.87	-13.16	-14.46	-12.50							
57 Other non-network assets	-16.06	-11.81	-10.16	-10.58	-11.23	-11.14	-12.16	-14.23	-20.52	-19.28							
58 Land & Easements	-	-	-	-	-	-	-	-	-	-							
59 Equity raising costs	-0.26	-1.02	-0.96	-1.21	-2.14	-1.54	-0.99	-0.61	-0.25	-							
60 Total	-65.11	-81.21	-91.95	-99.94	-103.92	-105.73	-111.01	-120.82	-133.51	-135.00							
61 Accelerated Depreciation																	
62 Transmission cables	-	-	-	-	-	-	-	-	-	-							
63 Transmission steel towers	-	-	-	-	-	-	-	-	-	-							
64 Transmission wood poles	-	-	-	-	-	-	-	-	-	-							
65 Transmission metering	-	-	-	-	-	-	-	-	-	-							
66 Transmission transformers	-	-	-	-	-	-	-	-	-	-							
67 Transmission reactors	-	-	-	-	-	-	-	-	-	-							
68 Transmission capacitors	-	-	-	-	-	-	-	-	-	-							
69 Transmission circuit breakers	-	-	-	-	-	-	-	-	-	-							
70 SCADA and communications	-	-	-	-	-	-	-	-	-	-							
71 IT	-	-	-	-	-	-	-	-	-	-							
72 Other non-network assets	-	-	-	-	-	-	-	-	-	-							
73 Land & Easements	-	-	-	-	-	-	-	-	-	-							
74 Equity raising costs	-	-	-	-	-	-	-	-	-	-							
75 Total	-	-	-	-	-	-	-	-	-	-							
76 Redundant Assets																	
77 Transmission cables	-	-	-	-	-	-	-	-	-	-							
78 Transmission steel towers	-	-	-	-	-	-	-	-	-	-							
79 Transmission wood poles	-	-	-	-	-	-	-	-	-	-							
80 Transmission metering	-	-	-	-	-	-	-	-	-	-							
81 Transmission transformers	-1.11	-3.26	-0.78	-1.03	-	-	-	-	-	-							
82 Transmission reactors	-	-	-	-	-	-	-	-	-	-							
83 Transmission capacitors	-	-	-	-	-	-	-	-	-	-							
84 Transmission circuit breakers	-	-	-	-	-	-	-	-	-	-							
85 SCADA and communications	-	-	-	-	-	-	-	-	-	-							
86 IT	-	-	-	-	-	-	-	-	-	-							
87 Other non-network assets	-	-	-0.46	-	-0.12	-	-	-	-	-							
88 Land & Easements	-4.11	-4.05	-9.03	-59.49	-1.45	-	-	-	-	-							
89 Equity raising costs	-	-	-	-	-	-	-	-	-	-							
90 Total	-5.22	-7.32	-10.27	-60.52	-1.57	-	-	-	-	-							

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Tax Asset

	2	3	4	5	6	7	8	17	18	19	20	21	22	23	24	25	26				
4 Year Ending 30 June	2013		2014		2015		2016		2017		2018		2019		2020		2021		2022		
5 Project Year	7	8	9	10	11	12	13	14	15	16	AA3		AA4								
6 Regulatory Period																					
91 Closing Value																					
92 Transmission cables								1,291.64	1,254.34	1,217.36	1,180.48	1,143.62	1,106.77	1,069.91	1,033.06	996.21	959.35				
93 Transmission steel towers								58.50	57.22	55.95	54.68	53.40	52.12	50.84	49.56	48.28	47.00				
94 Transmission wood poles								9.10	8.90	8.70	8.50	8.30	8.11	7.91	7.71	7.51	7.31				
95 Transmission metering								-	-	-	-	-	-	-	-	-	-				
96 Transmission transformers								161.04	153.80	149.06	144.08	140.10	136.13	132.15	128.18	124.20	120.23				
97 Transmission reactors								1.92	1.87	1.82	1.77	1.72	1.67	1.62	1.57	1.52	1.47				
98 Transmission capacitors								12.70	12.37	12.04	11.71	11.38	11.05	10.72	10.39	10.06	9.73				
99 Transmission circuit breakers								23.41	22.80	22.19	21.58	20.98	20.37	19.76	19.15	18.54	17.93				
100 SCADA and communications								66.45	59.18	52.59	46.34	40.23	34.13	28.02	21.92	15.82	9.71				
101 IT								17.47	12.61	7.82	3.04	-	-	-	-	-	-				
102 Other non-network assets								134.94	124.43	115.20	106.60	98.04	89.61	81.17	72.74	64.30	55.87				
103 Land & Easements								197.14	196.35	188.56	130.10	128.77	128.77	128.77	128.77	128.77	128.77				
104 Equity raising costs								-	-	-	-	-	-	-	-	-	-				
105 Total								1,974.30	1,903.87	1,831.28	1,708.87	1,646.55	1,588.71	1,530.88	1,473.04	1,415.21	1,357.37				
106																					
107 Initial Capital Base (ICB) (\$M Nominal)	2013		2014		2015		2016		2017		2018		2019		2020		2021		2022		
108 Project Year	1	2	3	4	5	6	7	8	9	10											
109 Opening Value																					
110 Transmission cables								1,328.90	1,291.64	1,254.34	1,217.36	1,180.48	1,143.62	1,106.77	1,069.91	1,033.06	996.21				
111 Transmission steel towers								58.79	58.50	57.22	55.95	54.68	53.40	52.12	50.84	49.56	48.28				
112 Transmission wood poles								9.14	9.10	8.90	8.70	8.50	8.30	8.11	7.91	7.71	7.51				
113 Transmission metering								-	-	-	-	-	-	-	-	-	-				
114 Transmission transformers								165.50	161.04	153.80	149.06	144.08	140.10	136.13	132.15	128.18	124.20				
115 Transmission reactors								1.93	1.92	1.87	1.82	1.77	1.72	1.67	1.62	1.57	1.52				
116 Transmission capacitors								12.79	12.70	12.37	12.04	11.71	11.38	11.05	10.72	10.39	10.06				
117 Transmission circuit breakers								23.56	23.41	22.80	22.19	21.58	20.98	20.37	19.76	19.15	18.54				
118 SCADA and communications								72.73	66.45	59.18	52.59	46.34	40.23	34.13	28.02	21.92	15.82				
119 IT								18.77	17.47	12.61	7.82	3.04	-	-	-	-	-				
120 Other non-network assets								151.00	134.94	124.43	115.20	106.60	98.04	89.61	81.17	72.74	64.30				
121 Land & Easements								200.15	197.14	196.35	188.56	130.10	128.77	128.77	128.77	128.77	128.77				
122 Equity raising costs								-	-	-	-	-	-	-	-	-	-				
123 Total								2,043.260	1,974.301	1,903.868	1,831.284	1,708.870	1,646.547	1,588.712	1,530.877	1,473.042	1,415.207				
124 Depreciation																					
125 Transmission cables								-37.26	-37.30	-36.98	-36.88	-36.85	-36.85	-36.85	-36.85	-36.85	-36.85				
126 Transmission steel towers								-0.28	-1.28	-1.27	-1.27	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28				
127 Transmission wood poles								-0.04	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20				
128 Transmission metering								-	-	-	-	-	-	-	-	-	-				
129 Transmission transformers								-3.35	-3.98	-3.96	-3.95	-3.97	-3.97	-3.97	-3.97	-3.97	-3.97				
130 Transmission reactors								-0.01	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05				
131 Transmission capacitors								-0.09	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33				
132 Transmission circuit breakers								-0.15	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61				

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Tax Asset

	2	3	4	5	6	7	8	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June								2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5 Project Year								7	8	9	10	11	12	13	14	15	16
6 Regulatory Period								AA3					AA4				
133 SCADA and communications								-6.29	-7.27	-6.59	-6.26	-6.10	-6.10	-6.10	-6.10	-6.10	-6.10
134 IT								-1.30	-4.86	-4.79	-4.78	-3.04	-	-	-	-	-
135 Other non-network assets								-16.06	-10.51	-8.78	-8.60	-8.44	-8.44	-8.44	-8.44	-8.44	-8.44
136 Land & Easements								-	-	-	-	-	-	-	-	-	-
137 Equity raising costs								-	-	-	-	-	-	-	-	-	-
138 Total								-64.85	-66.38	-63.55	-62.92	-60.88	-57.84	-57.84	-57.84	-57.84	-57.84
139 Accelerated Depreciation																	
140 Transmission cables								-	-	-	-	-	-	-	-	-	-
141 Transmission steel towers								-	-	-	-	-	-	-	-	-	-
142 Transmission wood poles								-	-	-	-	-	-	-	-	-	-
143 Transmission metering								-	-	-	-	-	-	-	-	-	-
144 Transmission transformers								-	-	-	-	-	-	-	-	-	-
145 Transmission reactors								-	-	-	-	-	-	-	-	-	-
146 Transmission capacitors								-	-	-	-	-	-	-	-	-	-
147 Transmission circuit breakers								-	-	-	-	-	-	-	-	-	-
148 SCADA and communications								-	-	-	-	-	-	-	-	-	-
149 IT								-	-	-	-	-	-	-	-	-	-
150 Other non-network assets								-	-	-	-	-	-	-	-	-	-
151 Land & Easements								-	-	-	-	-	-	-	-	-	-
152 Equity raising costs								-	-	-	-	-	-	-	-	-	-
153 Total								-	-	-	-	-	-	-	-	-	-
154 Redundant Assets																	
155 Transmission cables								-	-	-	-	-	-	-	-	-	-
156 Transmission steel towers								-	-	-	-	-	-	-	-	-	-
157 Transmission wood poles								-	-	-	-	-	-	-	-	-	-
158 Transmission metering								-	-	-	-	-	-	-	-	-	-
159 Transmission transformers								-1.11	-3.26	-0.78	-1.03	-	-	-	-	-	-
160 Transmission reactors								-	-	-	-	-	-	-	-	-	-
161 Transmission capacitors								-	-	-	-	-	-	-	-	-	-
162 Transmission circuit breakers								-	-	-	-	-	-	-	-	-	-
163 SCADA and communications								-	-	-	-	-	-	-	-	-	-
164 IT								-	-	-	-	-	-	-	-	-	-
165 Other non-network assets								-	-	-0.46	-	-0.12	-	-	-	-	-
166 Land & Easements								-3.00	-0.79	-7.79	-58.46	-1.33	-	-	-	-	-
167 Equity raising costs								-	-	-	-	-	-	-	-	-	-
168 Total								-4.11	-4.05	-9.03	-59.49	-1.45	-	-	-	-	-
169 Closing Value																	
170 Transmission cables								1,291.64	1,254.34	1,217.36	1,180.48	1,143.62	1,106.77	1,069.91	1,033.06	996.21	959.35
171 Transmission steel towers								58.50	57.22	55.95	54.68	53.40	52.12	50.84	49.56	48.28	47.00
172 Transmission wood poles								9.10	8.90	8.70	8.50	8.30	8.11	7.91	7.71	7.51	7.31
173 Transmission metering								-	-	-	-	-	-	-	-	-	-
174 Transmission transformers								161.04	153.80	149.06	144.08	140.10	136.13	132.15	128.18	124.20	120

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Tax Asset

	2	3	4	5	6	7	8	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022							
5 Project Year	7	8	9	10	11	12	13	14	15	16							
6 Regulatory Period							AA3			AA4							
175 Transmission reactors	1.92	1.87	1.82	1.77	1.72	1.67	1.62	1.57	1.52	1.47							
176 Transmission capacitors	12.70	12.37	12.04	11.71	11.38	11.05	10.72	10.39	10.06	9.73							
177 Transmission circuit breakers	23.41	22.80	22.19	21.58	20.98	20.37	19.76	19.15	18.54	17.93							
178 SCADA and communications	66.45	59.18	52.59	46.34	40.23	34.13	28.02	21.92	15.82	9.71							
179 IT	17.47	12.61	7.82	3.04	-	-	-	-	-	-							
180 Other non-network assets	134.94	124.43	115.20	106.60	98.04	89.61	81.17	72.74	64.30	55.87							
181 Land & Easements	197.14	196.35	188.56	130.10	128.77	128.77	128.77	128.77	128.77	128.77							
182 Equity raising costs	-	-	-	-	-	-	-	-	-	-							
183 Total	1,974.30	1,903.87	1,831.28	1,708.87	1,646.55	1,588.71	1,530.88	1,473.04	1,415.21	1,357.37							
184																	
185 Capital Expenditure	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022							
186 Project Year	7	8	9	10	11	12	13	14	15	16							
187 Opening Value																	
188 Transmission cables	-	16.22	45.27	52.70	53.97	55.00	57.49	59.99	61.06	64.51							
189 Transmission steel towers	-	11.08	31.09	34.67	35.41	35.62	37.61	39.58	40.63	43.21							
190 Transmission wood poles	-	27.06	53.88	81.06	101.12	119.28	136.81	161.41	180.63	198.14							
191 Transmission metering	-	-	-	-	-	-	-	-	-	-							
192 Transmission transformers	-	57.51	157.64	191.05	214.15	229.91	244.81	268.40	287.91	309.77							
193 Transmission reactors	-	6.72	18.22	23.79	26.73	29.16	30.62	33.17	35.18	37.55							
194 Transmission capacitors	-	4.08	11.39	12.86	13.06	13.12	13.72	14.31	14.55	15.38							
195 Transmission circuit breakers	-	23.53	64.05	76.97	89.12	96.90	104.39	116.65	127.49	138.24							
196 SCADA and communications	-	5.67	15.26	25.55	37.92	43.36	50.87	67.53	85.82	99.37							
197 IT	-	9.44	11.13	14.83	12.58	18.03	20.59	25.67	27.37	23.50							
198 Other non-network assets	-	8.14	8.65	12.40	17.44	16.92	23.28	36.20	75.54	67.75							
199 Land & Easements	-	34.80	98.85	116.37	123.53	129.69	140.34	151.22	159.37	172.58							
200 Equity raising costs	-	0.52	1.93	1.44	1.72	3.39	1.85	0.86	0.25	-							
201 Total	-	204.78	517.37	643.68	726.75	790.39	862.37	975.01	1,095.80	1,170.00							
202 Capex (i.e. Owner's Capex - Cash Contribution)																	
203 Transmission cables	16.22	29.73	9.34	3.49	3.30	4.81	4.92	3.59	6.02	4.95							
204 Transmission steel towers	11.08	20.48	4.89	2.19	1.71	3.48	3.56	2.72	4.29	3.62							
205 Transmission wood poles	27.06	27.96	29.45	23.47	22.42	22.55	30.36	26.01	25.12	26.76							
206 Transmission metering	-	-	-	-	-	-	-	-	-	-							
207 Transmission transformers	57.51	103.00	41.29	32.65	26.47	26.39	35.83	32.93	36.26	37.70							
208 Transmission reactors	6.72	11.84	6.48	4.13	3.76	2.92	4.08	3.67	4.13	4.26							
209 Transmission capacitors	4.08	7.52	2.04	0.84	0.72	1.25	1.28	0.96	1.55	1.30							
210 Transmission circuit breakers	23.53	41.69	16.13	16.00	12.23	12.33	17.49	16.67	17.12	18.56							
211 SCADA and communications	5.67	10.50	12.72	16.46	11.51	14.44	24.80	29.09	27.28	21.54							
212 IT	9.44	6.41	9.26	5.17	12.33	11.98	15.96	14.85	10.59	7.49							
213 Other non-network assets	8.14	1.80	5.13	7.03	2.27	9.07	16.65	45.13	4.30	3.65							
214 Land & Easements	34.80	64.06	17.52	7.16	6.16	10.65	10.89	8.15	13.21	11.02							
215 Equity raising costs	0.786	2.43	0.46	1.49	3.81	-	-	-	-	-							
216 Total	205.04	327.42	154.71	120.09	106.68	119.87	165.81	183.78	149.87	140.85							

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Tax Asset

	2	3	4	5	6	7	8	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June								2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5 Project Year								7	8	9	10	11	12	13	14	15	16
6 Regulatory Period								AA3					AA4				
217 CAPEX Depreciation																	
218 Transmission cables								-	-0.683	-1.906	-2.219	-2.273	-2.316	-2.421	-2.526	-2.571	-2.716
219 Transmission steel towers								-	-0.467	-1.309	-1.460	-1.491	-1.500	-1.583	-1.667	-1.711	-1.819
220 Transmission wood poles								-	-1.140	-2.269	-3.413	-4.258	-5.022	-5.760	-6.796	-7.605	-8.343
221 Transmission metering								-	-	-	-	-	-	-	-	-	-
222 Transmission transformers								-	-2.876	-7.882	-9.553	-10.708	-11.496	-12.241	-13.420	-14.395	-15.488
223 Transmission reactors								-	-0.336	-0.911	-1.190	-1.337	-1.458	-1.531	-1.658	-1.759	-1.878
224 Transmission capacitors								-	-0.204	-0.570	-0.643	-0.653	-0.656	-0.686	-0.715	-0.728	-0.769
225 Transmission circuit breakers								-	-1.177	-3.202	-3.849	-4.456	-4.845	-5.219	-5.833	-6.375	-6.912
226 SCADA and communications								-	-0.907	-2.442	-4.087	-6.067	-6.938	-8.139	-10.805	-13.731	-15.900
227 IT								-	-4.720	-5.564	-7.413	-6.880	-9.416	-10.874	-13.160	-14.455	-12.498
228 Other non-network assets								-	-1.303	-1.383	-1.983	-2.791	-2.707	-3.724	-5.793	-12.086	-10.840
229 Land & Easements								-	-	-	-	-	-	-	-	-	-
230 Equity raising costs								-0.262	-1.019	-0.958	-1.210	-2.135	-1.537	-0.991	-0.607	-0.254	-
231 Total								-0.262	-14.830	-28.396	-37.020	-41.778	-47.890	-53.170	-62.980	-75.671	-77.163
232 Depreciation 7		7															
233 Transmission cables		7	47.50					-	-0.683	-0.654	-0.627	-0.600	-0.57496	-0.551	-0.528	-0.505	-0.484
234 Transmission steel towers		7	47.50					-	-0.467	-0.447	-0.428	-0.410	-0.393	-0.376	-0.361	-0.345	-0.331
235 Transmission wood poles		7	47.50					-	-1.140	-1.092	-1.046	-1.002	-0.959	-0.919	-0.880	-0.843	-0.808
236 Transmission metering		7	25.00					-	-	-	-	-	-	-	-	-	-
237 Transmission transformers		7	40.00					-	-2.876	-2.732	-2.595	-2.465	-2.342	-2.225	-2.114	-2.008	-1.908
238 Transmission reactors		7	40.00					-	-0.336	-0.319	-0.303	-0.288	-0.273	-0.260	-0.247	-0.234	-0.223
239 Transmission capacitors		7	40.00					-	-0.204	-0.194	-0.184	-0.175	-0.166	-0.158	-0.150	-0.143	-0.135
240 Transmission circuit breakers		7	40.00					-	-1.177	-1.118	-1.062	-1.009	-0.958	-0.910	-0.865	-0.822	-0.781
241 SCADA and communications		7	12.50					-	-0.907	-0.762	-0.640	-0.538	-0.452	-0.379	-0.319	-0.268	-0.225
242 IT		7	4.00					-	-4.720	-2.360	-1.180	-1.180	-	-	-	-	-
243 Other non-network assets		7	12.50					-	-1.303	-1.095	-0.919	-0.772	-0.649	-0.545	-0.458	-0.385	-0.323
244 Land & Easements		7	-					-	-	-	-	-	-	-	-	-	-
245 Equity raising costs		7	5.00					-0.262	-0.210	-0.157	-0.105	-0.052	-	-	-	-	-
246 Total								-0.262	-14.021	-10.929	-9.089	-8.491	-6.768	-6.324	-5.920	-5.553	-5.217
247 Depreciation 8		8															
248 Transmission cables		8	47.50					-	-	-1.252	-1.199	-1.149	-1.100	-1.054	-1.010	-0.967	-0.926
249 Transmission steel towers		8	47.50					-	-	-0.862	-0.826	-0.791	-0.758	-0.726	-0.695	-0.666	-0.638
250 Transmission wood poles		8	47.50					-	-	-1.177	-1.128	-1.080	-1.035	-0.991	-0.949	-0.909	-0.871
251 Transmission metering		8	25.00					-	-	-	-	-	-	-	-	-	-
252 Transmission transformers		8	40.00					-	-	-5.150	-4.893	-4.648	-4.416	-4.195	-3.985	-3.786	-3.597
253 Transmission reactors		8	40.00					-	-	-0.592	-0.563	-0.534	-0.508	-0.482	-0.458	-0.435	-0.414
254 Transmission capacitors		8	40.00					-	-	-0.376	-0.357	-0.339	-0.322	-0.306	-0.291	-0.276	-0.262
255 Transmission circuit breakers		8	40.00					-	-	-2.085	-1.980	-1.881	-1.787	-1.698	-1.613	-1.532	-1.456
256 SCADA and communications		8	12.50					-	-	-1.680	-1.411	-1.186	-0.996	-0.837	-0.703	-0.590	-0.496
257 IT		8	4.00					-	-	-3.204	-1.602	-0.801	-0.801	-	-	-	-
258 Other non-network assets		8	12.50					-	-	-0.289	-0.242	-0.204	-0.171	-0.144	-0.121	-0.101	-0.085

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Tax Asset

	2	3	4	5	6	7	8	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June								2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5 Project Year								7	8	9	10	11	12	13	14	15	16
6 Regulatory Period								AA3					AA4				
259 Land & Easements					8	-		-	-	-	-	-	-	-	-	-	-
260 Equity raising costs					8	5.00		-	-0.809	-0.647	-0.485	-0.324	-0.162	-	-	-	-
261 Total								-	-0.809	-17.314	-14.687	-12.937	-12.055	-10.433	-9.825	-9.264	-8.745
262 Depreciation 9					9												
263 Transmission cables					9	47.50		-	-	-	-0.393	-0.377	-0.361	-0.346	-0.331	-0.317	-0.304
264 Transmission steel towers					9	47.50		-	-	-	-0.206	-0.197	-0.189	-0.181	-0.173	-0.166	-0.159
265 Transmission wood poles					9	47.50		-	-	-	-1.240	-1.188	-1.138	-1.090	-1.044	-1.000	-0.958
266 Transmission metering					9	25.00		-	-	-	-	-	-	-	-	-	-
267 Transmission transformers					9	40.00		-	-	-	-2.065	-1.961	-1.863	-1.770	-1.682	-1.598	-1.518
268 Transmission reactors					9	40.00		-	-	-	-0.324	-0.308	-0.292	-0.278	-0.264	-0.251	-0.238
269 Transmission capacitors					9	40.00		-	-	-	-0.102	-0.097	-0.092	-0.087	-0.083	-0.079	-0.075
270 Transmission circuit breakers					9	40.00		-	-	-	-0.806	-0.766	-0.728	-0.691	-0.657	-0.624	-0.593
271 SCADA and communications					9	12.50		-	-	-	-2.036	-1.710	-1.436	-1.207	-1.014	-0.851	-0.715
272 IT					9	4.00		-	-	-	-4.632	-2.316	-1.158	-1.158	-	-	-
273 Other non-network assets					9	12.50		-	-	-	-0.821	-0.690	-0.580	-0.487	-0.409	-0.344	-0.289
274 Land & Easements					9	-		-	-	-	-	-	-	-	-	-	-
275 Equity raising costs					9	5.00		-	-	-0.154	-0.123	-0.092	-0.062	-0.031	-	-	-
276 Total								-	-	-0.154	-12.747	-9.702	-7.898	-7.325	-5.656	-5.229	-4.848
277 Depreciation 10					10												
278 Transmission cables					10	47.50		-	-	-	-	-0.147	-0.141	-0.135	-0.129	-0.124	-0.118
279 Transmission steel towers					10	47.50		-	-	-	-	-0.092	-0.089	-0.085	-0.081	-0.078	-0.075
280 Transmission wood poles					10	47.50		-	-	-	-	-0.988	-0.947	-0.907	-0.869	-0.832	-0.797
281 Transmission metering					10	25.00		-	-	-	-	-	-	-	-	-	-
282 Transmission transformers					10	40.00		-	-	-	-	-1.633	-1.551	-1.474	-1.400	-1.330	-1.263
283 Transmission reactors					10	40.00		-	-	-	-	-0.207	-0.196	-0.186	-0.177	-0.168	-0.160
284 Transmission capacitors					10	40.00		-	-	-	-	-0.042	-0.040	-0.038	-0.036	-0.034	-0.032
285 Transmission circuit breakers					10	40.00		-	-	-	-	-0.800	-0.760	-0.722	-0.686	-0.652	-0.619
286 SCADA and communications					10	12.50		-	-	-	-	-2.634	-2.212	-1.858	-1.561	-1.311	-1.102
287 IT					10	4.00		-	-	-	-	-2.584	-1.292	-0.646	-0.646	-	-
288 Other non-network assets					10	12.50		-	-	-	-	-1.125	-0.945	-0.794	-0.667	-0.560	-0.470
289 Land & Easements					10	-		-	-	-	-	-	-	-	-	-	-
290 Equity raising costs					10	5.00		-	-	-	-0.497	-0.397	-0.298	-0.199	-0.099	-	-
291 Total								-	-	-	-0.497	-10.648	-8.470	-7.043	-6.351	-5.089	-4.637
292 Depreciation 11					11												
293 Transmission cables					11	47.50							-0.139	-0.133	-0.127	-0.122	-0.117
294 Transmission steel towers					11	47.50							-0.072	-0.069	-0.066	-0.063	-0.061
295 Transmission wood poles					11	47.50							-0.944	-0.904	-0.866	-0.830	-0.795
296 Transmission metering					11	25.00							-	-	-	-	-
297 Transmission transformers					11	40.00							-1.323	-1.257	-1.194	-1.135	-1.078
298 Transmission reactors					11	40.00							-0.188	-0.179	-0.170	-0.161	-0.153
299 Transmission capacitors					11	40.00							-0.036	-0.034	-0.032	-0.031	-0.029
300 Transmission circuit breakers					11	40.00							-0.612	-0.581	-0.552	-0.524	-0.498

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Tax Asset

	2	3	4	5	6	7	8	17	18	19	20	21	22	23	24	25	26
4	Year Ending 30 June																
5	Project Year																
6	Regulatory Period																
								2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
								7	8	9	10	11	12	13	14	15	16
								AA3					AA4				
301	SCADA and communications				11	12.50							-1.841	-1.547	-1.299	-1.091	-0.917
302	IT				11	4.00							-6.166	-3.083	-1.541	-1.541	-
303	Other non-network assets				11	12.50							-0.362	-0.304	-0.256	-0.215	-0.180
304	Land & Easements				11	-							-	-	-	-	-
305	Equity raising costs				11	5.00					-1.269		-1.016	-0.762	-0.508	-0.254	-
306	Total												-12.699	-8.853	-6.612	-5.968	-3.828
307	Depreciation 12				12												
308	Transmission cables				12	47.50							-	-0.202	-0.194	-0.186	-0.178
309	Transmission steel towers				12	47.50							-	-0.147	-0.140	-0.135	-0.129
310	Transmission wood poles				12	47.50							-	-0.949	-0.909	-0.871	-0.834
311	Transmission metering				12	25.00							-	-	-	-	-
312	Transmission transformers				12	40.00							-	-1.320	-1.254	-1.191	-1.131
313	Transmission reactors				12	40.00							-	-0.146	-0.139	-0.132	-0.125
314	Transmission capacitors				12	40.00							-	-0.063	-0.059	-0.056	-0.054
315	Transmission circuit breakers				12	40.00							-	-0.617	-0.586	-0.557	-0.529
316	SCADA and communications				12	12.50							-	-2.311	-1.941	-1.631	-1.370
317	IT				12	4.00							-	-5.988	-2.994	-1.497	-1.497
318	Other non-network assets				12	12.50							-	-1.451	-1.219	-1.024	-0.860
319	Land & Easements				12	-							-	-	-	-	-
320	Equity raising costs				12	5.00							-	-	-	-	-
321	Total												-	-13.193	-9.435	-7.279	-6.707
322	Depreciation 13				13												
323	Transmission cables				13	47.50							-	-	-0.207	-0.199	-0.190
324	Transmission steel towers				13	47.50							-	-	-0.150	-0.143	-0.137
325	Transmission wood poles				13	47.50							-	-	-1.278	-1.225	-1.173
326	Transmission metering				13	25.00							-	-	-	-	-
327	Transmission transformers				13	40.00							-	-	-1.791	-1.702	-1.617
328	Transmission reactors				13	40.00							-	-	-0.204	-0.194	-0.184
329	Transmission capacitors				13	40.00							-	-	-0.064	-0.061	-0.058
330	Transmission circuit breakers				13	40.00							-	-	-0.874	-0.831	-0.789
331	SCADA and communications				13	12.50							-	-	-3.969	-3.334	-2.800
332	IT				13	4.00							-	-	-7.979	-3.990	-1.995
333	Other non-network assets				13	12.50							-	-	-2.664	-2.238	-1.880
334	Land & Easements				13	-							-	-	-	-	-
335	Equity raising costs				13	5.00							-	-	-	-	-
336	Total												-	-	-19.181	-13.914	-10.823
337	Depreciation 14				14												
338	Transmission cables				14	47.50							-	-	-	-0.151	-0.145
339	Transmission steel towers				14	47.50							-	-	-	-0.114	-0.110
340	Transmission wood poles				14	47.50							-	-	-	-1.095	-1.049
341	Transmission metering				14	25.00							-	-	-	-	-
342	Transmission transformers				14	40.00							-	-	-	-1.646	-1.564

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Tax Asset

	2	3	4	5	6	7	8	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June								2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5 Project Year								7	8	9	10	11	12	13	14	15	16
6 Regulatory Period										AA3					AA4		
343	Transmission reactors				14	40.00										-0.184	-0.174
344	Transmission capacitors				14	40.00										-0.048	-0.046
345	Transmission circuit breakers				14	40.00										-0.834	-0.792
346	SCADA and communications				14	12.50										-4.655	-3.910
347	IT				14	4.00										-7.427	-3.714
348	Other non-network assets				14	12.50										-7.221	-6.065
349	Land & Easements				14	-										-	-
350	Equity raising costs				14	5.00										-	-
351	Total															-23.375	-17.569
352	Depreciation 15				15												
353	Transmission cables				15	47.50										-	-0.254
354	Transmission steel towers				15	47.50										-	-0.181
355	Transmission wood poles				15	47.50										-	-1.058
356	Transmission metering				15	25.00										-	-
357	Transmission transformers				15	40.00										-	-1.813
358	Transmission reactors				15	40.00										-	-0.207
359	Transmission capacitors				15	40.00										-	-0.078
360	Transmission circuit breakers				15	40.00										-	-0.856
361	SCADA and communications				15	12.50										-	-4.365
362	IT				15	4.00										-	-5.293
363	Other non-network assets				15	12.50										-	-0.687
364	Land & Easements				15	-										-	-
365	Equity raising costs				15	5.00										-	-
366	Total															-	-14.790
367	Depreciation 16				16												
368	Transmission cables				16	47.50										-	-
369	Transmission steel towers				16	47.50										-	-
370	Transmission wood poles				16	47.50										-	-
371	Transmission metering				16	25.00										-	-
372	Transmission transformers				16	40.00										-	-
373	Transmission reactors				16	40.00										-	-
374	Transmission capacitors				16	40.00										-	-
375	Transmission circuit breakers				16	40.00										-	-
376	SCADA and communications				16	12.50										-	-
377	IT				16	4.00										-	-
378	Other non-network assets				16	12.50										-	-
379	Land & Easements				16	-										-	-
380	Equity raising costs				16	5.00										-	-
381	Total															-	-
382	Closing Value																
383	Transmission cables							16.22	45.27	52.70	53.97	55.00	57.49	59.99	61.06	64.51	66.75
384	Transmission steel towers							11.08	31.09	34.67	35.41	35.62	37.61	39.58	40.63	43.21	45.01

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Tax Asset

	2	3	4	5	6	7	8	17	18	19	20	21	22	23	24	25	26
4 Year Ending 30 June								2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5 Project Year								7	8	9	10	11	12	13	14	15	16
6 Regulatory Period								AA3					AA4				
385	Transmission wood poles							27.06	53.88	81.06	101.12	119.28	136.81	161.41	180.63	198.14	216.56
386	Transmission metering							-	-	-	-	-	-	-	-	-	-
387	Transmission transformers							57.51	157.64	191.05	214.15	229.91	244.81	268.40	287.91	309.77	331.98
388	Transmission reactors							6.72	18.22	23.79	26.73	29.16	30.62	33.17	35.18	37.55	39.94
389	Transmission capacitors							4.08	11.39	12.86	13.06	13.12	13.72	14.31	14.55	15.38	15.90
390	Transmission circuit breakers							23.53	64.05	76.97	89.12	96.90	104.39	116.65	127.49	138.24	149.88
391	SCADA and communications							5.67	15.26	25.55	37.92	43.36	50.87	67.53	85.82	99.37	105.01
392	IT							9.44	11.13	14.83	12.58	18.03	20.59	25.67	27.37	23.50	18.50
393	Other non-network assets							8.14	8.65	12.40	17.44	16.92	23.28	36.20	75.54	67.75	60.56
394	Land & Easements							34.80	98.85	116.37	123.53	129.69	140.34	151.22	159.37	172.58	183.60
395	Equity raising costs							0.52	1.93	1.44	1.72	3.39	1.85	0.86	0.25	-	-
396	Total							204.78	517.37	643.68	726.75	790.39	862.37	975.01	1,095.80	1,170.00	1,233.68

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Distribution Adjustment

	2	3	4	5	6	7	8	9	10	11	12	13	14	15 #	17	18	19	20	21
4 Investment Adjustment Mechanism (IAM)	AA3 Approved										AA3 Actual								
5 Year Ending 30 June (Real \$ M 30/06/2017)	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017				
6 Distribution Capex Subject to IAM (Exclude Gifted Asset and Cash Contribution)																			
7 Growth																			
8 Capacity Expansion	62.70	67.61	75.08	75.49	84.18	45.06	41.10	26.93	25.93	35.49									
9 Customer Driven	142.71	142.20	144.12	143.40	146.41	121.88	93.48	88.59	60.28	46.21									
10 Gifted Assets	-	-	-	-	-	-	-	-	-	-									
11 Asset replacement and renewal																			
12 Asset Replacement	-	-	-	-	-	-	-	-	-	-									
13 State Undergrounding Power Program (SUPP)	10.01	4.84	-	-	-	16.55	9.33	5.97	4.76	5.04									
14 Metering	-	-	-	-	-	-	-	-	-	-									
15 Smartgrid	-	-	-	-	-	-	-	-	-	-									
16 Wood Pole Management	181.43	207.69	219.53	231.34	245.08	233.52	295.26	230.71	177.15	76.20									
17 Improvement in service																			
18 Reliability Driven	-	-	-	-	-	-	-	-	-	-									
19 Rural Power Improvement Program (RPIP)	-	-	-	-	-	-	-	-	-	-									
20 SCADA & Communications	-	-	-	-	-	-	-	-	-	-									
21 Compliance																			
22 Safety, Environmental & Statutory	-	-	-	-	-	-	-	-	-	-									
23 Corporate																			
24 IT	-	-	-	-	-	-	-	-	-	-									
25 Business Support	-	-	-	-	-	-	-	-	-	-									
26 Equity Raising Costs	-	-	-	-	-	-	-	-	-	-									
27 Total	396.85	422.34	438.74	450.24	475.67	417.01	439.18	352.20	268.11	162.95									
28																			
29 Distribution Capex Subject to IAM by Asset class (Exclude Gifted Asset and Cash Contribution)	AA3 Approved										AA3 Actual								
30 Wooden Pole Lines	228.46	256.81	272.21	284.11	302.18	269.96	326.13	254.47	196.77	98.33									
31 Underground Cables	66.09	64.62	64.97	64.95	69.11	58.18	45.07	36.15	28.03	28.53									
32 Transformers	75.58	74.48	74.81	74.50	76.58	65.81	50.16	45.98	32.01	26.02									
33 Switchgear	25.39	25.23	25.64	25.57	26.67	21.75	16.89	14.80	10.73	9.58									
34 Street lighting	1.32	1.20	1.10	1.10	1.13	1.32	0.94	0.80	0.57	0.49									
35 Meters and Services	-	-	-	-	-	-	-	-	-	-									
36 IT	-	-	-	-	-	-	-	-	-	-									
37 SCADA & Communications	-	-	-	-	-	-	-	-	-	-									
38 Other Distribution Non-Network	-	-	-	-	-	-	-	-	-	-									
39 Distribution Land & Easements	-	-	-	-	-	-	-	-	-	-									
40 Equity Raising Costs	-	-	-	-	-	-	-	-	-	-									
41 Total	396.85	422.34	438.74	450.24	475.67	417.01	439.18	352.20	268.11	162.95									
42																			
43 Distribution Capex NOT Subject to IAM																			
44 Growth	AA3 Approved										AA3 Actual								
45 Capacity Expansion	-	-	-	-	-	-	-	-	-	-									
46 Customer Driven	-	-	-	-	-	-	-	-	-	-									
47 Gifted Assets	-	-	-	-	-	-	-	-	-	-									
48 Asset replacement and renewal	-	-	-	-	-	-	-	-	-	-									

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Distribution Adjustment

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	#	17	18	19	20	21
49	Asset Replacement								46.42	41.12	38.72	40.35	40.48			52.53	47.18	97.01	139.50	114.89
50	State Undergrounding Power Program (SUPP)								-	-	-	-	-			-	-	-	-	-
51	Metering								14.86	49.10	48.67	44.30	17.78			11.74	8.87	12.92	23.50	21.37
52	Smartgrid								2.73	26.49	29.32	22.26	17.20			0.84	0.57	1.37	-	-
53	Wood Pole Management								-	-	-	-	-			-	-	-	-	-
54	Improvement in service								-	-	-	-	-			-	-	-	-	-
55	Reliability Driven								0.66	0.66	0.67	0.68	0.69			1.82	0.10	0.19	0.50	2.18
56	Rural Power Improvement Program (RPIP)								-	-	-	-	-			-	-	-	-	-
57	SCADA & Communications								5.68	6.98	7.72	4.29	7.68			3.31	2.63	3.24	3.77	5.06
58	Compliance								-	-	-	-	-			-	-	-	-	-
59	Safety, Environmental & Statutory								124.52	124.35	124.76	93.46	100.81			138.43	151.97	118.58	36.69	14.78
60	Corporate								-	-	-	-	-			-	-	-	-	-
61	IT								28.32	27.29	15.97	16.69	16.94			20.16	13.62	21.12	12.64	30.95
62	Business Support								22.54	22.04	15.27	15.43	12.72			15.62	2.63	10.73	15.98	5.25
63	Equity Raising Costs								5.53	4.74	3.80	1.59	-			5.53	4.74	3.80	1.59	-
64	Total								251.25	302.76	284.90	239.06	214.31			250.00	232.31	266.21	234.17	194.48
65																				
66	Distribution Capex NOT Subject to IAM by Asset class																			
									AA3 Approved					AA3 Actual						
67	Wooden Pole Lines								51.99	51.93	52.10	39.07	42.13			58.09	63.28	49.40	15.40	6.71
68	Underground Cables								12.05	11.08	10.65	10.14	10.36			14.09	12.64	20.93	26.73	22.45
69	Transformers								58.56	55.77	54.65	46.80	48.91			65.63	66.54	83.01	82.24	63.54
70	Switchgear								45.48	44.03	43.50	35.64	37.62			51.04	52.84	57.22	46.85	34.87
71	Street lighting								3.52	3.33	3.25	2.83	2.95			3.94	3.96	5.21	5.48	4.28
72	Meters and Services								16.63	66.31	67.73	58.77	28.96			12.29	9.24	12.04	23.50	21.37
73	IT								28.32	27.29	15.97	16.69	16.94			20.16	13.62	21.12	12.64	30.95
74	SCADA & Communications								6.64	16.25	17.98	12.09	13.70			3.60	2.83	2.76	3.77	5.06
75	Other Distribution Non-Network								22.54	22.04	15.27	15.43	12.72			15.62	2.63	10.73	15.98	5.25
76	Distribution Land & Easements								-	-	-	-	-			-	-	-	-	-
77	Equity Raising Costs								5.53	4.74	3.80	1.59	-			5.53	4.74	3.80	1.59	-
78	Total								251.25	302.76	284.90	239.06	214.31			250.00	232.31	266.21	234.17	194.48
79																				
80	Total								648.10	725.10	723.64	689.30	689.98			667.00	671.49	618.41	502.28	357.43
81	Check this is the Net Capex rolled into Rab								648.10	725.10	723.64	689.30	689.98			667.00	671.49	618.41	502.28	357.43
82									OK	OK	OK	OK	OK			OK	OK	OK	OK	OK
83																				
84	Investment Adjustment Mechanism (IAM)																			
									AA3 Approved					AA3 Actual						
85	Year Ending 30 June (Real \$ M 30/06/2017)								2013	2014	2015	2016	2017			2013	2014	2015	2016	2017
86	Opening Balance																			
87	Wooden Pole Lines								-	228.46	479.70	740.07	1,005.71			-	269.96	590.51	833.15	1,011.45
88	Underground Cables								-	66.09	129.61	192.40	254.10			-	58.18	102.14	136.11	160.88
89	Transformers								-	75.58	147.90	218.42	286.49			-	65.81	113.81	155.50	181.08
90	Switchgear								-	25.39	49.90	74.09	97.49			-	21.75	37.91	51.26	59.81
91	Street lighting								-	1.32	2.46	3.43	4.35			-	1.32	2.19	2.86	3.25
92	Meters and Services								-	-	-	-	-			-	-	-	-	-
93	IT								-	-	-	-	-			-	-	-	-	-

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Distribution Adjustment

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	#	17	18	19	20	21					
94 SCADA & Communications									-	-	-	-	-	-	-	-	-	-	-	-					
95 Other Distribution Non-Network									-	-	-	-	-	-	-	-	-	-	-	-					
96 Distribution Land & Easements									-	-	-	-	-	-	-	-	-	-	-	-					
97 Total									-	396.85	809.56	1,228.42	1,648.14			-	417.01	846.56	1,178.89	1,416.48					
98																									
99 Capital Expenditure																									
100 Wooden Pole Lines									228.461	256.807	272.214	284.114	302.178			269.959	326.127	254.470	196.773	98.334					
101 Underground Cables									66.093	64.622	64.969	64.955	69.114			58.176	45.065	36.150	28.033	28.526					
102 Transformers									75.579	74.478	74.811	74.495	76.581			65.807	50.165	45.978	32.006	26.018					
103 Switchgear									25.390	25.233	25.641	25.575	26.668			21.748	16.888	14.799	10.729	9.578					
104 Street lighting									1.324	1.198	1.102	1.097	1.130			1.317	0.936	0.799	0.571	0.494					
105 Meters and Services									-	-	-	-	-			-	-	-	-	-					
106 IT									-	-	-	-	-			-	-	-	-	-					
107 SCADA & Communications									-	-	-	-	-			-	-	-	-	-					
108 Other Distribution Non-Network									-	-	-	-	-			-	-	-	-	-					
109 Distribution Land & Easements									-	-	-	-	-			-	-	-	-	-					
110 Total						2,183.83			396.85	422.34	438.74	450.24	475.67			417.01	439.18	352.20	268.11	162.95					
111																									
112 Depreciation																									
									<i>Life</i>																
113 Wooden Pole Lines									41.00	-	5.572	-	11.836	-	18.475	-	25.405	-	5.572	-	11.836	-	18.475	-	25.405
114 Underground Cables									60.00	-	1.102	-	2.179	-	3.261	-	4.344	-	1.102	-	2.179	-	3.261	-	4.344
115 Transformers									35.00	-	2.159	-	4.287	-	6.425	-	8.553	-	2.159	-	4.287	-	6.425	-	8.553
116 Switchgear									35.00	-	0.725	-	1.446	-	2.179	-	2.910	-	0.725	-	1.446	-	2.179	-	2.910
117 Street lighting									20.00	-	0.066	-	0.126	-	0.181	-	0.236	-	0.066	-	0.126	-	0.181	-	0.236
118 Meters and Services									25.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
119 IT									6.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120 SCADA & Communications									10.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
121 Other Distribution Non-Network									10.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
122 Distribution Land & Easements									-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
123 Total									-	-9.62	-19.87	-30.52	-41.45			-	-9.62	-19.87	-30.52	-41.45					
124																									
125 Closing Balance																									
126 Wooden Pole Lines									228.46	479.70	740.07	1,005.71	1,282.49			269.96	590.51	833.15	1,011.45	1,084.38					
127 Underground Cables									66.09	129.61	192.40	254.10	318.87			58.18	102.14	136.11	160.88	185.07					
128 Transformers									75.58	147.90	218.42	286.49	354.52			65.81	113.81	155.50	181.08	198.55					
129 Switchgear									25.39	49.90	74.09	97.49	121.25			21.75	37.91	51.26	59.81	66.48					
130 Street lighting									1.32	2.46	3.43	4.35	5.24			1.32	2.19	2.86	3.25	3.51					
131 Meters and Services									-	-	-	-	-			-	-	-	-	-					
132 IT									-	-	-	-	-			-	-	-	-	-					
133 SCADA & Communications									-	-	-	-	-			-	-	-	-	-					
134 Other Distribution Non-Network									-	-	-	-	-			-	-	-	-	-					
135 Distribution Land & Easements									-	-	-	-	-			-	-	-	-	-					
136 Total									396.85	809.56	1,228.42	1,648.14	2,082.36			417.01	846.56	1,178.89	1,416.48	1,537.98					
137																									
138 Adjustment Calculation																									
										Approved						Actual									

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Distribution Adjustment

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	#	17	18	19	20	21	
139	Year Ending 30 June (Real \$ M 30/06/2017)								2013	2014	2015	2016	2017			2013	2014	2015	2016	2017	
140									-	14.30	29.18	44.27	59.40			-	15.03	30.51	42.49	51.05	
141									-	9.62	19.87	30.52	41.45			-	9.62	19.87	30.52	41.45	
142									-	23.93	49.05	74.80	100.85			-	24.65	50.39	73.01	92.50	
143																					
144	Approved v.s. Actual Analysis																				
145									-	23.93	49.05	74.80	100.85								
146									-	24.65	50.39	73.01	92.50								
147									-	0.73	1.33	-1.79	-8.35								
148																					
149	Cashflow analysis to reconcile IAM adjustment																				
150									-417.01	-439.18	-352.20	-268.11	-162.95								
151									-												
152													1,537.98								
153									-	23.93	49.05	74.80	100.85								
154									-417.01	-415.25	-303.14	-193.32	1,475.88								
155																					
156	Service standard adjustment mechanism (SSAM) adjustment																				
157	Year Ending 30 June (Real \$ M 30/06/2017)								2013	2014	2015	2016	2017								
158	Revenue at risk																				
159									756.08	755.05	900.51	1,028.63	1,122.47								
160									37.80	37.75	45.03	51.43	56.12								
161																					
162	SSAM calculation																				
163	SSD																				
164									12.700	2.000	-5.900	-2.300	6.500							1	
165									33.900	29.200	33.600	45.300	32.200								1
166									26.400	36.600	25.200	39.400	32.200								1
167									-103.200	-91.600	-95.300	-0.400	-44.000								1
168									0.110	-0.060	-0.030	0.040	0.030								2
169									0.200	0.230	0.270	0.450	0.340								2
170									0.100	0.440	0.290	0.520	0.510								2
171									-0.450	-0.450	-0.350	0.070	0.110								2
172									-3.000	-5.200	-6.100	-3.800	-4.200								3
173																					
174																					
175									0.950	0.150	-0.441	-0.172	0.486								1
176									19.803	17.058	19.628	26.463	18.810								1
177									6.505	9.018	6.209	9.708	7.934								1
178									-7.421	-6.587	-6.853	-0.029	-3.164								1
179									1.056	-0.576	-0.288	0.384	0.288								100
180									12.106	13.922	16.343	27.239	20.580								100
181									2.453	10.795	7.115	12.758	12.512								100
182									-5.047	-5.047	-3.926	0.785	1.234								100
183									1.373	2.379	2.791	1.739	1.922								10

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Distribution Adjustment

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	#	17	18	19	20	21
184	Total raw distribution SSAM					\$224.69			31.778	41.111	40.578	78.874	60.602							
185	Total distribution SSAM (inc revenue at risk cap)					\$193.99			31.78	37.75	40.58	51.43	56.12							
186																				
187	K-Factor																			
188	Year Ending 30 June								2013	2014	2015	2016	2017	#						
189	Distribution (Real\$ M 30/06/2012)																			
190	Target Revenue AA3								685.73	684.80	816.72	932.92	1,018.03							
191	plus AA2 adjustment factor																			
192	plus k-Factor								49.11	69.25	47.90	8.73	-33.95							
193	Maximum revenue								734.84	754.05	864.63	941.65	984.08							
194																				
195	Actual TEC [\$M nominal]								154.00	209.00	136.00	141.00	150.00							
196																				
197	Maximum distribution revenue [\$M nominal]								906.40	1,004.35	1,061.77	1,159.56	1,235.04							
198																				
199	Other Adjustment																			
200	Year Ending 30 June (Real \$ M 30/06/2017)					PV			2013	2014	2015	2016	2017							
201	Unforeseen events revenue adjustment					\$0.00			-	-	-	-	-							
202	Technical rule change revenue adjustment					\$0.00			-	-	-	-	-							
203	D-Factor revenue adjustment					\$7.04			2.11	1.78	1.66	1.54	0.62							

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Adjustment

	2	3	4	5	6	7	8	9	10	11	12	13	14	15 #	17	18	19	20	21
4 Investment Adjustment Mechanism (IAM)						AA3 Approved					AA3 Actual								
5 Year Ending 30 June (Real \$ M 30/06/2017)																			
6 Transmission Capex Subject to IAM (Exclude Gifted Asset and Cash Contribution)																			
7 Growth																			
8 Capacity Expansion					212.45	298.97	143.71	154.40	244.06	122.52	215.58	90.45	27.83	31.31					
9 Customer Driven					12.54	21.78	21.84	21.99	22.43	20.49	40.33	-	24.79	-	0.36	-	8.93		
10 Generation Driven					-	-	-	-	-	-	-	-	-	-					
11 Gifted Assets					-	-	-	-	-	-	-	-	-	-					
12 Asset replacement and renewal					-	-	-	-	-	-	-	-	-	-					
13 Asset Replacement					-	-	-	-	-	-	-	-	-	-					
14 Improvement in service					-	-	-	-	-	-	-	-	-	-					
15 Reliability Driven					-	-	-	-	-	-	-	-	-	-					
16 SCADA & Communications					-	-	-	-	-	-	-	-	-	-					
17 Compliance					-	-	-	-	-	-	-	-	-	-					
18 Safety, Environmental & Statutory					-	-	-	-	-	-	-	-	-	-					
19 Corporate					-	-	-	-	-	-	-	-	-	-					
20 IT					-	-	-	-	-	-	-	-	-	-					
21 Business Support					-	-	-	-	-	-	-	-	-	-					
22 Equity raising costs					-	-	-	-	-	-	-	-	-	-					
23 Total					224.99	320.75	165.55	176.39	266.49	143.01	255.92	65.66	27.48	22.37					
24																			
25 Transmission Capex Subject to IAM by Asset class (Exclude Gifted Asset and Cash Contribution)					AA3 Approved					AA3 Actual									
26 Transmission cables					28.40	40.30	20.31	21.70	33.28	17.47	31.08	9.62	3.56	3.30					
27 Transmission steel towers					18.52	26.45	13.79	14.68	22.03	11.94	21.41	5.03	2.24	1.71					
28 Transmission wood poles					9.41	13.24	6.36	6.84	10.81	5.42	9.54	4.00	1.23	1.39					
29 Transmission metering					-	-	-	-	-	-	-	-	-	-					
30 Transmission transformers					70.31	100.41	52.28	55.65	83.61	45.23	81.10	19.30	8.51	6.56					
31 Transmission reactors					9.00	12.66	6.09	6.54	10.33	5.19	9.13	3.83	1.18	1.33					
32 Transmission capacitors					6.96	9.91	5.09	5.43	8.23	4.40	7.86	2.10	0.85	0.72					
33 Transmission circuit breakers					22.97	33.15	18.22	19.28	28.00	15.91	28.84	3.74	2.61	1.22					
34 SCADA and communications					-	-	-	-	-	-	-	-	-	-					
35 IT					-	-	-	-	-	-	-	-	-	-					
36 Other non-network assets					-	-	-	-	-	-	-	-	-	-					
37 Land & Easements					59.43	84.63	43.42	46.29	70.20	37.47	66.96	18.04	7.30	6.16					
38 Equity raising costs					-	-	-	-	-	-	-	-	-	-					
39 Total					224.99	320.75	165.55	176.39	266.49	143.01	255.92	65.66	27.48	22.37					
40																			
41 Transmission Capex NOT Subject to IAM					AA3 Approved					AA3 Actual									
42 Growth																			
43 Capacity Expansion					-	-	-	-	-	-	-	-	-	-					
44 Customer Driven					-	-	-	-	-	-	-	-	-	-					
45 Generation Driven					-	-	-	-	-	-	-	-	-	-					
46 Gifted Assets					-	-	-	-	-	-	-	-	-	-					
47 Asset replacement and renewal					-	-	-	-	-	-	-	-	-	-					

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Transmission Adjustment

	2	3	4	5	6	7	8	9	10	11	12	13	14	15 #	17	18	19	20	21
48	Asset Replacement								33.50	36.62	37.07	37.42	39.44		27.98	44.52	38.90	41.51	33.36
49	Improvement in service								-	-	-	-	-		-	-	-	-	-
50	Reliability Driven								-	-	-	-	-		1.31	0.28	0.19	-	-
51	SCADA & Communications								15.49	13.17	14.40	20.62	20.58		6.10	10.98	13.10	16.78	11.51
52	Compliance								-	-	-	-	-		-	-	-	-	-
53	Safety, Environmental & Statutory								19.75	21.58	27.13	33.25	33.84		22.61	19.44	26.16	22.69	21.04
54	Corporate								-	-	-	-	-		-	-	-	-	-
55	IT								17.10	16.46	9.63	10.06	10.21		10.17	6.70	9.54	5.27	12.33
56	Business Support								13.61	13.30	9.21	9.30	7.67		8.77	1.89	5.29	7.17	2.27
57	Equity raising costs								0.85	2.54	0.48	1.52	3.81		0.85	2.54	0.48	1.52	3.81
58	Total								100.30	103.66	97.93	112.17	115.53		77.78	86.35	93.65	94.94	84.31

60 Distribution Capex NOT Subject to IAM by Asset class

	AA3 Approved					AA3 Actual					
61	Transmission cables	-	-	-	-	-	-	-	-	-	
62	Transmission steel towers	-	-	-	-	-	-	-	-	-	
63	Transmission wood poles	19.75	21.58	27.13	33.25	33.84	23.72	19.68	26.32	22.69	21.04
64	Transmission metering	-	-	-	-	-	-	-	-	-	-
65	Transmission transformers	20.00	21.86	22.13	22.33	23.54	16.70	26.58	23.22	24.78	19.91
66	Transmission reactors	2.45	2.68	2.71	2.73	2.88	2.04	3.25	2.84	3.03	2.44
67	Transmission capacitors	-	-	-	-	-	-	-	-	-	-
68	Transmission circuit breakers	11.06	12.09	12.24	12.35	13.02	9.43	14.74	12.87	13.70	11.01
69	SCADA and communications	15.49	13.17	14.40	20.62	20.58	6.10	10.98	13.10	16.78	11.51
70	IT	17.10	16.46	9.63	10.06	10.21	10.17	6.70	9.54	5.27	12.33
71	Other non-network assets	13.61	13.30	9.21	9.30	7.67	8.77	1.89	5.29	7.17	2.27
72	Land & Easements	-	-	-	-	-	-	-	-	-	-
73	Equity raising costs	0.85	2.54	0.48	1.52	3.81	0.85	2.54	0.48	1.52	3.81
74	Total	100.30	103.66	97.93	112.17	115.53	77.78	86.35	93.65	94.94	84.31
75											
76	Total	325.28	424.41	263.48	288.56	382.03	220.80	342.26	159.31	122.41	106.68
77	Check this is the Net Capex rolled into Rab	325.28	424.41	263.48	288.56	382.03	220.80	342.26	159.31	122.41	106.68
78		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

80 Investment Adjustment Mechanism (IAM)

	AA3 Approved					AA3 Actual					
81 Year Ending 30 June (Real \$ M 30/06/2017)	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017	
82 Opening Balance	-	-	-	-	-	-	-	-	-	-	
83	Transmission cables	-	28.40	68.18	87.24	107.32	-	17.47	48.03	56.40	58.34
84	Transmission steel towers	-	18.52	44.66	57.70	71.40	-	11.94	33.03	37.32	38.57
85	Transmission wood poles	-	9.41	22.43	28.29	34.48	-	5.42	14.76	18.26	18.85
86	Transmission metering	-	-	-	-	-	-	-	-	-	-
87	Transmission transformers	-	70.31	169.32	218.18	269.37	-	45.23	124.92	140.81	144.85
88	Transmission reactors	-	9.00	21.48	27.13	33.11	-	5.19	14.14	17.53	18.16
89	Transmission capacitors	-	6.96	16.70	21.37	26.25	-	4.40	12.08	13.75	14.06
90	Transmission circuit breakers	-	22.97	55.66	72.75	90.54	-	15.91	44.29	46.91	48.03
91	SCADA and communications	-	-	-	-	-	-	-	-	-	-

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Transmission Adjustment

	2	3	4	5	6	7	8	9	10	11	12	13	14	15 #	17	18	19	20	21
92	IT								-	-	-	-	-	-	-	-	-	-	-
93	Other non-network assets								-	-	-	-	-	-	-	-	-	-	-
94	Land & Easements								-	59.43	144.05	187.47	233.77		-	37.47	104.43	122.47	129.77
95	Equity raising costs								-	-	-	-	-		-	-	-	-	-
96	Total								-	224.99	542.48	700.14	866.24		-	143.01	395.68	453.44	470.63
97																			
98	Capital Expenditure																		
99	Transmission cables								28.40	40.30	20.31	21.70	33.28		17.47	31.08	9.62	3.56	3.30
100	Transmission steel towers								18.52	26.45	13.79	14.68	22.03		11.94	21.41	5.03	2.24	1.71
101	Transmission wood poles								9.41	13.24	6.36	6.84	10.81		5.42	9.54	4.00	1.23	1.39
102	Transmission metering								-	-	-	-	-		-	-	-	-	-
103	Transmission transformers								70.31	100.41	52.28	55.65	83.61		45.23	81.10	19.30	8.51	6.56
104	Transmission reactors								9.00	12.66	6.09	6.54	10.33		5.19	9.13	3.83	1.18	1.33
105	Transmission capacitors								6.96	9.91	5.09	5.43	8.23		4.40	7.86	2.10	0.85	0.72
106	Transmission circuit breakers								22.97	33.15	18.22	19.28	28.00		15.91	28.84	3.74	2.61	1.22
107	SCADA and communications								-	-	-	-	-		-	-	-	-	-
108	IT								-	-	-	-	-		-	-	-	-	-
109	Other non-network assets								-	-	-	-	-		-	-	-	-	-
110	Land & Easements								59.43	84.63	43.42	46.29	70.20		37.47	66.96	18.04	7.30	6.16
111	Equity raising costs								-	-	-	-	-		-	-	-	-	-
112	Total								224.99	320.75	165.55	176.39	266.49		143.01	255.92	65.66	27.48	22.37
113																			
114	Depreciation																		
115	Transmission cables								55.00	-	-	0.516	-	1.249	-	1.618	-	2.013	-
116	Transmission steel towers								60.00	-	-	0.309	-	0.750	-	0.979	-	1.224	-
117	Transmission wood poles								45.00	-	-	0.209	-	0.503	-	0.645	-	0.796	-
118	Transmission metering								40.00	-	-	-	-	-	-	-	-	-	-
119	Transmission transformers								50.00	-	-	1.406	-	3.414	-	4.460	-	5.573	-
120	Transmission reactors								50.00	-	-	0.180	-	0.433	-	0.555	-	0.686	-
121	Transmission capacitors								40.00	-	-	0.174	-	0.422	-	0.549	-	0.685	-
122	Transmission circuit breakers								50.00	-	-	0.459	-	1.122	-	1.487	-	1.872	-
123	SCADA and communications								11.00	-	-	-	-	-	-	-	-	-	-
124	IT								6.00	-	-	-	-	-	-	-	-	-	-
125	Other non-network assets								16.85	-	-	-	-	-	-	-	-	-	-
126	Land & Easements								-	-	-	-	-	-	-	-	-	-	-
127	Equity raising costs								49.00	-	-	-	-	-	-	-	-	-	-
128	Total								-	-3.25	-7.89	-10.29	-12.85		-	-3.25	-7.89	-10.29	-12.85
129																			
130	Closing Balance																		
131	Transmission cables								28.40	68.18	87.24	107.32	138.58		17.47	48.03	56.40	58.34	59.62
132	Transmission steel towers								18.52	44.66	57.70	71.40	92.21		11.94	33.03	37.32	38.57	39.06
133	Transmission wood poles								9.41	22.43	28.29	34.48	44.49		5.42	14.76	18.26	18.85	19.44
134	Transmission metering								-	-	-	-	-		-	-	-	-	-
135	Transmission transformers								70.31	169.32	218.18	269.37	347.40		45.23	124.92	140.81	144.85	145.84

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Transmission Adjustment

	2	3	4	5	6	7	8	9	10	11	12	13	14	15 #	17	18	19	20	21
136	Transmission reactors								9.00	21.48	27.13	33.11	42.76		5.19	14.14	17.53	18.16	18.80
137	Transmission capacitors								6.96	16.70	21.37	26.25	33.79		4.40	12.08	13.75	14.06	14.09
138	Transmission circuit breakers								22.97	55.66	72.75	90.54	116.67		15.91	44.29	46.91	48.03	47.38
139	SCADA and communications								-	-	-	-	-		-	-	-	-	-
140	IT								-	-	-	-	-		-	-	-	-	-
141	Other non-network assets								-	-	-	-	-		-	-	-	-	-
142	Land & Easements								59.43	144.05	187.47	233.77	303.97		37.47	104.43	122.47	129.77	135.93
143	Equity raising costs								-	-	-	-	-		-	-	-	-	-
144	Total								224.99	542.48	700.14	866.24	1,119.89		143.01	395.68	453.44	470.63	480.15

146 Adjustment Calculation

147 Year Ending 30 June (Real \$ M 30/06/2017)	2013	2014	Approved 2015	2016	2017	2013	2014	Actual 2015	2016	2017
148 Return on assets	-	8.11	19.55	25.23	31.22	-	5.15	14.26	16.34	16.96
149 Depreciation	-	3.25	7.89	10.29	12.85	-	3.25	7.89	10.29	12.85
150 Cost of service	-	11.36	27.45	35.53	44.07	-	8.41	22.15	26.64	29.81

152 Approved v.s. Actual Analysis

153 Approved CoS	-	11.36	27.45	35.53	44.07		
154 Actual CoS		PV	-	8.41	22.15	26.64	29.81
155 Actual less Approved		-\$27.172	-	-2.95	-5.29	-8.89	-14.26

157 Cashflow analysis to reconcile IAM adjustment

158 IAM actual capital expenditure				-143.01	-255.92	-65.66	-27.48	-22.37
159 Actual asset opening value				-				
160 Actual asset residual value								480.15
161 Forecast cost of service			PV	-	11.36	27.45	35.53	44.07
162 Total cashflow			\$27.172	-143.01	-244.55	-38.22	8.05	501.85

164 Service standard adjustment mechanism (SSAM) adjustment

165 Year Ending 30 June (Real \$ M 30/06/2017)	2013	2014	2015	2016	2017
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166 Revenue at risk

167 Transmission revenue cap (AA3 Target Revenue)	426.997	361.740	354.406	320.458	289.762
168 Transmission revenue at risk cap	4.270	3.617	3.544	3.205	2.898

170 SSAM calculation

171 SSD								
172 Circuit Availability	-0.300	0.100	-0.400	-0.600	-0.800	1		
173 System Minutes Interrupted - Radial	0.700	-1.800	0.300	1.400	1.200	1		
174 Loss of Supply Event Frequency >0.1	13.000	7.000	-	9.000	8.000	1		
175 Loss of Supply Event Frequency >1	1.000	1.000	2.000	1.000	-	1		
176 Average Outage Duration	-168.000	-97.000	-22.000	-188.000	45.000	1		
177								
178 SSAM			PV					
179 Circuit Availability		\$16.16	2.703	-0.451	3.604	5.406	7.208	10

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Transmission Adjustment

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	#	17	18	19	20	21
180	System Minutes Interrupted - Radial					\$0.05			0.081	-0.341	0.035	0.163	0.140		1					
181	Loss of Supply Event Frequency >0.1					\$1.34			0.521	0.280	-	0.360	0.320		1					
182	Loss of Supply Event Frequency >1					\$0.82			0.180	0.180	0.360	0.180	-		1					
183	Average Outage Duration					-\$1.05			-0.462	-0.267	-0.061	-0.517	0.173		1					
184	Total raw distribution SSAM					\$17.32			3.023	-0.598	3.939	5.592	7.841							
185	Total distribution SSAM (inc revenue at risk cap)					\$10.76			3.02	-0.60	3.54	3.20	2.90							

187 K-Factor

188	Year Ending 30 June	2013	2014	2015	2016	2017	##
189	Transmission (Real\$ M 30/06/2012)						
190	Target Revenue AA3	387.27	328.08	321.43	290.64	262.80	
191	plus AA2 adjustment factor						
192	plus k-Factor	26.49	27.40	16.06	9.70	0.34	#
193	Maximum revenue	413.75	355.48	337.49	300.34	263.14	
194							
195	Actual TEC [\$M nominal]	-	-	-	-	-	
196							
197	Maximum transmission revenue [\$M nominal]	423.64	374.96	361.36	324.87	290.14	

199 Other Adjustment

200	Year Ending 30 June (Real \$ M 30/06/2017)	PV	2013	2014	2015	2016	2017
201	Unforeseen events revenue adjustment	\$0.00	-	-	-	-	-
202	Technical rule change revenue adjustment	\$0.00	-	-	-	-	-
203	D-Factor revenue adjustment	\$0.00	-	-	-	-	-

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Tax Analysis (\$M Nominal)

	2	3	4	5	6	7	8	9	21	22	23	24	25	26	27
									2017	2018	2019	2020	2021	2022	2023
4	Year Ending 30 June								2017	2018	2019	2020	2021	2022	2023
5	Days								365	365	365	365	365	365	365
6	Project Year								11	12	13	14	15	16	17
7	Regulatory Period								AA3			AA4			
8	Modelled Inflation														
9	Actual & Forecast Inflation								1.93%	1.84%	1.84%	1.84%	1.84%	1.84%	
10	End of year Inflation factor								1.000	1.018	1.037	1.056	1.076	1.095	
11	Post-tax WACC														
12	Real								3.60%	4.08%	4.08%	4.08%	4.08%	4.08%	
13	Nominal									6.00%	6.00%	6.00%	6.00%	6.00%	
14	Nominal WACC deflating factor									0.943	0.890	0.840	0.792	0.747	
15	Asset Value								2017	2018	2019	2020	2021	2022	
16	Asset Value														
17	Distribution opening asset balance								5,791.31	6,119.82	6,454.70	6,829.12	7,094.72	7,381.90	
18	Distribution opening working capital								118.86	120.82	118.48	113.83	112.61	-	
19	Transmission opening asset balance								3,126.00	3,189.97	3,293.83	3,407.30	3,476.80	3,531.10	
20	Transmission opening working capital								18.30	27.30	31.23	36.49	43.68	-	
21	Total opening balance								9,054.46	9,457.90	9,898.24	10,386.75	10,727.81		
22									5,910.16	6,240.64	6,573.19	6,942.96	7,207.34		
23	Equity														
24	Distribution equity								2,659.57	2,808.29	2,957.93	3,124.33	3,243.30		
25	Transmission equity								1,414.93	1,447.77	1,496.28	1,549.71	1,584.22		
26	Total equity								4,074.51	4,256.06	4,454.21	4,674.04	4,827.52		
27															
28	Debt														
29	Distribution debt								3,250.59	3,432.35	3,615.25	3,818.63	3,964.03		
30	Transmission debt								1,729.36	1,769.50	1,828.78	1,894.09	1,936.26		
31	Total debt								4,979.96	5,201.85	5,444.03	5,712.71	5,900.30		
32															
33	Statement of comprehensive income - Western Power [\$M nominal]								2017	2018	2019	2020	2021	2022	
34	Revenue														
35	Distribution Smoothed Revenue Cap Services Revenue								1,227.430	1,213.718	1,189.931	1,159.651	1,132.922		
36	Transmission Smoothed Revenue Cap Services Revenue								291.285	332.857	380.360	432.393	489.623		
37	Distribution Non-revenue Cap Services Revenue								-	-	-	-	-		
38	Transmission Non-revenue Cap Services Revenue								-	-	-	-	-		
39	K-factor								-38.37	-	-	-	-		
40	Total Revenue								1,480.34	1,546.58	1,570.29	1,592.04	1,622.55		
41															
42	Expense														
43	Distribution Operating Expenditure								-268.67	-268.34	-270.37	-279.89	-283.93		
44	Transmission Operating Expenditure								-82.31	-82.18	-82.79	-85.73	-86.99		
45	Interest on Distribution Debt								-176.08	-185.93	-195.84	-206.86	-214.73		
46	Interest on Transmission Debt								-93.68	-95.85	-99.07	-102.60	-104.89		
47	Distribution Tax Depreciation								-217.63	-239.52	-267.07	-303.13	-307.26		
48	Transmission Tax Depreciation								-105.73	-111.01	-120.82	-133.51	-135.00		

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Tax Analysis (\$M Nominal)

	2	3	4	5	6	7	8	9	21	22	23	24	25	26	27
4 Year Ending 30 June									2017	2018	2019	2020	2021	2022	2023
5 Days									365	365	365	365	365	365	365
6 Project Year									11	12	13	14	15	16	17
7 Regulatory Period									AA3			AA4			
49 Distribution TEC										-167.00	-175.00	-162.00	-157.00	-161.00	
50 Total Expenses										-1,111.10	-1,157.82	-1,197.95	-1,268.71	-1,293.80	
51 Profit before income tax expense										369.24	388.75	372.34	323.34	328.75	
52 Taxable Income										369.24	388.75	372.34	323.34	328.75	
53 Tax Loss Carried Forward										-	-	-	-	-	
54 Income tax expense										-110.77	-116.63	-111.70	-97.00	-98.62	
55															
56 post tax Profit/(Loss)										258.47	272.13	260.64	226.34	230.12	
57															
58 Statement of comprehensive income - Distribution [\$M nominal]									2017	2018	2019	2020	2021	2022	
59 Revenue															
60 Distribution Smoothed Revenue Cap Services Revenue										1,227.43	1,213.72	1,189.93	1,159.65	1,132.92	
61 Distribution Non-revenue Cap Services Revenue										-	-	-	-	-	
62 Total Revenue										1,227.43	1,213.72	1,189.93	1,159.65	1,132.92	
63															
64 Expense															
65 Distribution Operating Expenditure										-268.67	-268.34	-270.37	-279.89	-283.93	
66 Interest on Distribution Debt										-176.08	-185.93	-195.84	-206.86	-214.73	
67 Distribution Tax Depreciation										-217.63	-239.52	-267.07	-303.13	-307.26	
68 Distribution TEC										-167.00	-175.00	-162.00	-157.00	-161.00	
69 Total Expenses										-829.39	-868.79	-895.28	-946.87	-966.92	
70															
71 Profit before income tax expense										398.04	344.93	294.65	212.78	166.00	
72 Taxable Income										398.04	344.93	294.65	212.78	166.00	
73 Tax Loss Carried Forward										-	-	-	-	-	
74 Income tax expense										-119.41	-103.48	-88.40	-63.84	-49.80	
75															
76 post tax Profit/(Loss)										278.63	241.45	206.26	148.95	116.20	
77															
78 Statement of comprehensive income - Transmission [\$M nominal]									2017	2018	2019	2020	2021	2022	
79 Revenue															
80 Transmission Smoothed Revenue Cap Services Revenue										291.29	332.86	380.36	432.39	489.62	
81 Transmission Non-revenue Cap Services Revenue										-	-	-	-	-	
82 Total Revenue										291.29	332.86	380.36	432.39	489.62	
83															
84 Expense															
85 Transmission Operating Expenditure										-82.31	-82.18	-82.79	-85.73	-86.99	
86 Interest on Transmission Debt										-93.68	-95.85	-99.07	-102.60	-104.89	
87 Transmission Tax Depreciation										-105.73	-111.01	-120.82	-133.51	-135.00	
88 Total Expenses										-281.72	-289.04	-302.68	-321.84	-326.88	
89															

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Tax Analysis (\$M Nominal)

	2	3	4	5	6	7	8	9	21	22	23	24	25	26	27
4	Year Ending 30 June														
5	Days														
6	Project Year														
7	Regulatory Period														
									AA3			AA4			
90									2017	2018	2019	2020	2021	2022	2023
91									365	365	365	365	365	365	365
92									11	12	13	14	15	16	17
93															
94															
95															
96															
97	Tax split between Distribution and Transmission														
98									2017	2018	2019	2020	2021	2022	
99															
100															
101															
102															
103															
104															
105															
106															
107															
108															
109															
110															
111	Equity Raising Cost														
112	Days														
113	Yield / cost inputs from AER 2010 Victorian DNSP decision														
114															
115															
116															
117															
118															
119	Equity raising cost - Western Power [\$M nominal]														
120	Dividend assessment														
121															
122															
123															
124															
125	Benchmark cash flows														
126															
127															
128															
129															
130															

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision] Tax Analysis (\$M Nominal)

	2	3	4	5	6	7	8	9	21	22	23	24	25	26	27
4	Year Ending 30 June														
5	Days														
6	Project Year														
7	Regulatory Period					AA3					AA4				
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
131	Tax	-110.77	-116.63	-111.70	-97.00	-98.62									
132	Internal cash flow	620.20	622.65	648.52	662.97	672.38									
133	Dividend	-180.93	-190.49	-182.45	-158.44	-161.09									
134	Dividend reinvestment	45.41	47.81	45.79	39.77	40.43									
135	Retained cash flow	484.68	479.97	511.87	544.30	551.72									
136															
137	Benchmark capital expenditure funding														
138	Net Distribution Capex	482.67	508.02	558.64	448.64	459.01									
139	Net Transmission Capex	119.87	165.81	183.78	149.87	140.85									
140	Net Capex	602.55	673.82	742.42	598.51	599.86									
141	Debt Component	215.86	241.31	268.34	184.30	187.81									
142	Equity Component	386.69	432.51	474.08	414.21	412.05									
143	Retained cash flows	484.68	479.97	511.87	544.30	551.72									
144	Equity Required (SEO) / (Surplus equity)	-98.00	-47.46	-37.79	-130.09	-139.68									
145															
146	Equity raising costs														
147	External Equity Raising Costs / (Surplus equity)	-97.997	-47.463	-37.787	-130.092	-139.676									
148	DRP cost		Sum	0.454	0.478	0.458	0.398	0.404							
149	Total Equity Raising Costs	-	-	-	-	-									
150	Equity Raising Costs to capitalise	-	-	-	-	-									
151		-	-	-	-	-									
152	Total Equity Raising Costs [\$M real as at 30 June 2017]	-	-	-	-	-									
153		-	-	-	-	-									
154	Equity raising cost - Distribution [\$M nominal]	2017	2018	2019	2020	2021	2022								
155	Dividend assessment														
156	Tax payable	119.41	103.48	88.40	63.84	49.80									
157	Dividends	195.04	169.02	144.38	104.26	81.34									
158	Dividend reinvestment	48.96	42.42	36.24	26.17	20.42									
159															
160	Benchmark cash flows														
161	Revenue (smoothed)	1,227.43	1,213.72	1,189.93	1,159.65	1,132.92									
162	TEC	-167.00	-175.00	-162.00	-157.00	-161.00									
163	Revenue - TEC	1,060.43	1,038.72	1,027.93	1,002.65	971.92									
164	Opex	-268.67	-268.34	-270.37	-279.89	-283.93									
165	Interest	-176.08	-185.93	-195.84	-206.86	-214.73									
166	Tax	-119.41	-103.48	-88.40	-63.84	-49.80									
167	Internal cash flow	496.26	480.97	473.32	452.07	423.46									
168	Dividend	-195.04	-169.02	-144.38	-104.26	-81.34									
169	Dividend reinvestment	48.96	42.42	36.24	26.17	20.42									
170	Retained cash flow	350.18	354.37	365.18	373.98	362.53									
171															

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Tax Analysis (\$M Nominal)

	2	3	4	5	6	7	8	9	21	22	23	24	25	26	27
4	Year Ending 30 June														
5	Days														
6	Project Year														
7	Regulatory Period														
	AA3							AA4							
	2017	2018	2019	2020	2021	2022	2023	2017	2018	2019	2020	2021	2022	2023	
172	Benchmark capital expenditure funding														
173									482.67	508.02	558.64	448.64	459.01		
174									180.68	184.19	205.93	146.08	157.95		
175									301.99	323.83	352.71	302.56	301.07		
176									350.18	354.37	365.18	373.98	362.53		
177									-48.19	-30.55	-12.47	-71.42	-61.47		
178															
179	Equity raising costs														
180									-48.185	-30.547	-12.470	-71.420	-61.466		
181									1.194	1.035	0.884	0.638	0.498		
182									-	-	-	-	-		
183									-	-	-	-	-		
184									-	-	-	-	-		
185									-	-	-	-	-		
186									-	-	-	-	-		
187	Equity raising cost - Transmission [\$M nominal]														
188	Dividend assessment														
189									-	-	13.18	33.17	48.823		
190									-	-	21.52	54.17	79.74		
191									-	-	5.40	13.60	20.016		
192															
193	Benchmark cash flows														
194									291.29	332.86	380.36	432.39	489.62		
195									-82.31	-82.18	-82.79	-85.73	-86.99		
196									-93.68	-95.85	-99.07	-102.60	-104.89		
197									-	-	-13.18	-33.17	-48.82		
198									115.29	154.83	185.33	210.89	248.92		
199									-	-	-21.52	-54.17	-79.74		
200									-	-	5.40	13.60	20.02		
201									115.29	154.83	169.21	170.32	189.19		
202															
203	Benchmark capital expenditure funding														
204									119.87	165.81	183.78	149.87	140.85		
205									35.179	57.125	62.411	38.220	29.867		
206									84.695	108.681	121.366	111.647	110.980		
207									115.295	154.826	169.207	170.319	189.190		
208									-	30.600	-46.145	-47.841	-58.672	-78.210	
209															
210	Equity raising costs														
211									-30.600	-46.145	-47.841	-58.672	-78.210		
212									-	-	0.215	0.542	0.797		

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Tax Analysis (\$M Nominal)

	2	3	4	5	6	7	8	9	21	22	23	24	25	26	27
4 Year Ending 30 June									2017	2018	2019	2020	2021	2022	2023
5 Days									365	365	365	365	365	365	365
6 Project Year									11	12	13	14	15	16	17
7 Regulatory Period									AA3			AA4			
213 Total Equity Raising Costs									-	-	-	-	-	-	-
214 Equity Raising Costs to capitalise									copy	-	-	-	-	-	-
215									past value	-	-	-	-	-	-
216 Total Equity Raising Costs [\$M real as at 30 June 2017]									-	-	-	-	-	-	-
217									-						
218 Equity raising cost - Split to transmission and distribution [\$M nominal]									2017	2018	2019	2020	2021	2022	
219 Revenue model input data									Copy and past value						
220 Distribution split									-						
221 Transmission split									-						
222 Total									-						
223									-						
224									OK						
225															
226 Revenue model input data															
227 Distribution split									-	-	-	-	-	-	-
228 Transmission split									-	-	-	-	-	-	-
229 Total									-	-	-	-	-	-	-

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision] Gain Sharing Mechanism (GSM)

	2	3	4	5	6	7	8	9	15	16	17	18	19	20	21	22	23	24	25	26
4 Gain Sharing Mechanism (GSM)																				
5 Year ending 30 June																				
6 [APPROVED] Sale Escalation																				
7 Customer numbers escalation									2.41%	2.41%	2.41%	2.41%	2.41%	2.41%	2.41%					
8 Customer numbers factor (95%) - base as at 30 June 2011	1.000					1.023	1.046	1.070	1.095	1.120	1.145									
9 Customer numbers factor (95%) - base as at 30 June 2013							1.000	1.023	1.046	1.070	1.095									
10 Customer numbers factor (95%) - base as at 30 June 2014								1.000	1.023	1.046	1.070									
11 Network growth escalation									2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%					
12 Network growth factor (95%) - base as at 30 June 2011	1.000					1.020	1.040	1.061	1.082	1.104	1.126									
13 Network growth factor (95%) - base as at 30 June 2013							1.000	1.020	1.040	1.061	1.082									
14 Network growth factor (95%) - base as at 30 June 2014									1.000	1.020	1.040	1.061								
15 Network growth factor (30%) - base as at 30 June 2011	1.000					1.006	1.013	1.019	1.025	1.032	1.038									
16 Network growth factor (30%) - base as at 30 June 2013							1.000	1.006	1.013	1.019	1.025									
17 Network growth factor (30%) - base as at 30 June 2014									1.000	1.006	1.013	1.019								
18																				
19 [ACTUAL] Sale Escalation																				
20 Customer numbers escalation									0.53%	3.41%	0.68%	2.49%	2.37%	1.54%						
21 Customer numbers factor (95%) - base as at 30 June 2011	1.000					1.005	1.038	1.044	1.069	1.093	1.109									
22 Customer numbers factor (95%) - base as at 30 June 2013							1.000	1.006	1.030	1.053	1.069									
23 Customer numbers factor (95%) - base as at 30 June 2014									1.000	1.024	1.047	1.062								
24																				
25 Line length annual growth									1.42%	0.09%	1.35%	1.35%	0.79%	0.53%						
26 Number of distribution transformers annual growth									1.44%	0.47%	1.50%	1.11%	0.85%	0.64%						
27 Zone substation capacity annual growth									4.45%	0.82%	4.15%	-0.61%	-2.76%	0.51%						
28 Network growth escalation									2.44%	0.46%	2.33%	0.62%	-0.37%	0.56%						
29 Network growth factor (95%) - base as at 30 June 2011	1.000					1.023	1.028	1.050	1.057	1.053	1.058									
30 Network growth factor (95%) - base as at 30 June 2013							1.000	1.022	1.028	1.025	1.030									
31 Network growth factor (95%) - base as at 30 June 2014								1.000	1.006	1.002	1.008									
32 Network growth factor (30%) - base as at 30 June 2011	1.000					1.007	1.009	1.016	1.018	1.017	1.018									
33 Network growth factor (30%) - base as at 30 June 2013							1.000	1.007	1.009	1.008	1.009									
34 Network growth factor (30%) - base as at 30 June 2014									1.000	1.002	1.001	1.002								
35																				
36 Adjusting EIB for differences between actual and forecast scale escalation																				
37 Year ending 30 June																				
									2013	2014	2015	2016	2017							
38 [APPROVED] Operating expenditure subject to scale escalation with ACTUAL scale escalation [\$M real as at 30 June 2017]																				
39 Distribution																				
40 Reliability Operations									1.70	1.74	1.75	1.74	1.75							
41 SCADA & Communications									4.64	4.74	4.77	4.76	4.78							
42 Non-revenue cap services									-	-	-	-	-							
43 Network Operations									16.10	16.21	16.24	16.22	16.25							
44 Smartgrid									-	-	-	-	-							
45 Maintenance Strategy									-	-	-	-	-							
46 Preventive Condition									44.90	45.90	46.17	46.00	46.25							
47 Preventive Routine									41.61	44.08	44.34	44.18	44.42							

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Gain Sharing Mechanism (GSM)

	2	3	4	5	6	7	8	9	15	16	17	18	19	20	21	22	23	24	25	26
48	Corrective Deferred		<i>Network growth factor * 95%</i>								29.12	29.77	29.94	29.84	30.00					
49	Corrective Emergency		<i>Network growth factor * 95%</i>								67.08	68.57	68.97	68.73	69.09					
50	Call Centre		<i>Customer numbers factor * 95%</i>								7.90	7.96	8.14	8.33	8.45					
51	Metering		<i>Customer numbers factor * 95%</i>								21.76	21.91	22.42	22.93	23.26					
52	Guaranteed service level payments		N/A								-	-	-	-	-					
53	Design & Estimating - Distribution Quotations		N/A								-	-	-	-	-					
54	Business Support		N/A								-	-	-	-	-					
55	IT		N/A								-	-	-	-	-					
56	Non-recurring opex		N/A								-	-	-	-	-					
57	Total										234.83	240.88	242.75	242.73	244.26					
58																				
59	Transmission																			
60	SCADA & Communications		<i>Network growth factor * 95%</i>								11.18	11.43	11.50	11.46	11.52					
61	Non-revenue cap services		N/A								-	-	-	-	-					
62	Network Operations		<i>Network growth factor * 30%</i>								10.68	10.75	10.77	10.76	10.78					
63	Maintenance Strategy		N/A								-	-	-	-	-					
64	Preventive Condition		<i>Network growth factor * 95%</i>								9.03	9.23	9.29	9.25	9.30					
65	Preventive Routine		<i>Network growth factor * 95%</i>								15.85	16.21	16.30	16.24	16.33					
66	Corrective Deferred		<i>Network growth factor * 95%</i>								9.27	9.48	9.53	9.50	9.55					
67	Corrective Emergency		<i>Network growth factor * 95%</i>								0.85	0.87	0.87	0.87	0.87					
68	Business Support		N/A								-	-	-	-	-					
69	Non-recurring opex		N/A								-	-	-	-	-					
70	Total										56.86	57.96	58.26	58.08	58.35					
71																				
72	[APPROVED] Operating expenditure NOT subject to scale escalation [\$M real as at 30 June 2017]																			
73	Distribution																			
74	Reliability Operations		<i>Network growth factor * 95%</i>								0.33	0.32	0.30	0.28	0.31					
75	SCADA & Communications		<i>Network growth factor * 95%</i>								0.91	0.86	0.82	0.77	0.84					
76	Non-revenue cap services		N/A								-	-	-	-	-					
77	Network Operations		<i>Network growth factor * 30%</i>								0.19	0.14	0.09	0.01	0.13					
78	Smartgrid		N/A								5.54	4.42	5.30	6.92	8.44					
79	Maintenance Strategy		N/A								-	-	-	-	-					
80	Preventive Condition		<i>Network growth factor * 95%</i>								20.32	19.79	19.35	7.17	8.49					
81	Preventive Routine		<i>Network growth factor * 95%</i>								7.35	7.04	6.68	6.24	6.69					
82	Corrective Deferred		<i>Network growth factor * 95%</i>								5.18	4.91	4.68	4.39	4.71					
83	Corrective Emergency		<i>Network growth factor * 95%</i>								13.75	13.04	12.43	11.69	12.60					
84	Call Centre		<i>Customer numbers factor * 95%</i>								0.10	0.08	0.07	0.02	0.04					
85	Metering		<i>Customer numbers factor * 95%</i>								0.47	0.40	0.35	0.22	0.08					
86	Guaranteed service level payments		N/A								1.89	1.88	1.88	1.87	1.85					
87	Design & Estimating - Distribution Quotations		N/A								4.63	4.62	4.75	4.74	4.74					
88	Business Support		N/A								74.39	74.22	73.45	75.93	76.52					
89	IT		N/A								-	-	-	-	-					
90	Non-recurring opex		N/A								11.64	12.62	5.05	5.20	5.34					
91	Total										146.67	144.34	135.22	125.43	130.43					
92																				

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Gain Sharing Mechanism (GSM)

	2	3	4	5	6	7	8	9	15	16	17	18	19	20	21	22	23	24	25	26
93	Transmission																			
94	SCADA & Communications										2.18	2.06	1.96	1.84	1.97					
95	Non-revenue cap services										-	-	-	-	-					
96	Network Operations										0.12	0.09	0.06	-	0.02	-	0.10			
97	Maintenance Strategy										-	-	-	-	-					
98	Preventive Condition										1.86	1.77	1.69	1.60	1.73					
99	Preventive Routine										3.32	3.15	3.00	2.82	3.05					
100	Corrective Deferred										1.88	1.78	1.69	1.58	1.69					
101	Corrective Emergency										0.41	0.39	0.38	0.36	0.39					
102	Business Support										44.14	44.21	44.20	45.86	46.35					
103	Non-recurring opex										3.32	1.94	1.74	1.98	2.63					
104	Total										57.24	55.39	54.72	56.01	57.72					
105																				
106	Adjusted EIB [\$M real as at 30 June 2017]																			
107	Total non-capital cost										495.61	498.57	490.95	482.25	490.76					
108	less forecast superannuation costs for defined benefit schemes										-	3.18	-	3.25	-	3.33	-	3.40	-	3.47
109	less forecast non-revenue cap services cost										-	-	-	-	-					
110	less forecast licence fees										-	0.05	-	0.05	-	0.05	-	0.05	-	0.05
111	less forecast energy safety levy										-	4.54	-	4.54	-	4.54	-	4.54	-	4.54
112	less network control service										-	-	-	-	-					
113	less amounts payable under ERA costs (Electricity Network Access Funding Regulations)										-	0.96	-	1.49	-	1.37	-	1.28	-	1.29
114	Efficiency and innovation benchmark (adjusted)										486.88	489.24	481.67	472.98	481.41					
115																				
116	ABS Calculation																			
117	Year ending 30 June										2013	2014	2015	2016	2017					
118	[ACTUAL] Operating expenditure subject to scale escalation [\$M real as at 30 June 2017]																			
119	Total actual non-capital cost										530.85	510.56	481.91	511.87	456.78					
	Woodpole										-	-	10.50	12.90	5.50					
121	less D-Factor Scheme										-	2.11	-	1.78	-	1.66	-	1.54	-	0.62
122	less Technical rule changes										-	-	-	-	-					
123	less Unforeseen events										-	-	-	-	-					
124	less actual superannuation costs for defined benefit schemes										-	0.09	-	0.52	-	-	0.28	-	0.28	
125	less actual non-revenue cap services cost										-	34.05	-	17.50	-	16.62	-	17.67	-	17.23
126	less actual licence fees										-	0.06	-	0.05	-	0.35	-	-	-	-
127	less actual energy safety levy										-	4.32	-	4.30	-	4.28	-	4.40	-	4.43
128	less network control service										-	-	-	-	-					
129	less amounts payable under ERA costs (Electricity Network Access Funding Regulations)										-	0.76	-	0.83	-	0.41	-	0.79	-	0.52
130	A _t										489.45	485.59	469.09	500.08	439.18					
131																				
132	ABS _t										-	2.57	6.22	8.93	-	39.67	69.33			
133																				
134	Service standard benchmark performance																			
135	Year ending 30 June										2013	2014	2015	2016	2017					
136	Service standards [1 = Standard met, 0 = Standard NOT met]																			
137	Distribution																			

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Gain Sharing Mechanism (GSM)

	2	3	4	5	6	7	8	9	15	16	17	18	19	20	21	22	23	24	25	26
138 SAIDI - CBD											1	1	1	1	1					
139 SAIDI - Urban											1	1	1	1	1					
140 SAIDI - Rural Short											1	1	1	1	1					
141 SAIDI - Rural Long											1	1	1	1	1					
142 SAIFI - CBD											1	1	1	1	1					
143 SAIFI - Urban											1	1	1	1	1					
144 SAIFI - Rural Short											1	1	1	1	1					
145 SAIFI - Rural Long											1	1	1	1	1					
146 Call centre performance											1	1	1	1	1					
147 Streetlight reference services																				
148 Street Lighting repair time - Metropolitan area											1	1	1	1	1					
149 Street Lighting repair time - Regional area											1	1	1	1	1					
150																				
151 Transmission																				
152 Circuit Availability											1	1	1	1	1					
153 System Minutes Interrupted - Meshed											1	1	1	1	1					
154 System Minutes Interrupted - Radial											1	1	1	1	1					
155 Loss of Supply Event Frequency >0.1											1	1	1	1	1					
156 Loss of Supply Event Frequency >1											1	1	1	1	1					
157 Average Outage Duration											1	1	1	-	1					
158 All SSBs met											0	0	1	0	1					
159																				
160 GSM Calculation																				
161 Year ending 30 June											2013	2014	2015	2016	2017					
162 GSM calculation [\$M real as at 30 June 2017]																				
163 ABS																				
164 Total ABSt adjusted for service standar performance											-	2.57	-	8.93	-	39.67	69.33			
165																				
166 GSMA																				
167 Distribution - GSMAAt																27.37	29.32	29.32	22.54	52.69
168 Transmission - GSMAAt																8.64	9.26	9.26	7.12	16.64
169 Total - GSMAAt																36.01	38.58	38.58	29.66	69.33
170																				
171 GSMA [\$M Nominal]																				
172 Distribution - GSMAAt																27.87	30.41	30.97	24.24	57.72
173 Transmission - GSMAAt																8.80	9.60	9.78	7.66	18.23
174 Total - GSMAAt																36.67	40.01	40.75	31.90	75.95
175																				
176 GSM Allocation Workings																				
177 Year ending 30 June											2013	2014	2015	2016	2017					
178 Adjusted EIB [\$M real as at 30 June 2017]																				
179 Distribution																				
180 Total non-capital cost											381.51	385.22	377.98	368.16	374.69					
181 less forecast superannuation costs for defined benefit schemes											-	2.06	-	2.16	-	2.26	-	2.45	-	2.54
182 less forecast non-revenue cap services cost											-	-	-	-	-					

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Gain Sharing Mechanism (GSM)

	2	3	4	5	6	7	8	9	15	16	17	18	19	20	21	22	23	24	25	26
183											-	0.03	-	0.03	-	0.03	-	0.04	-	0.04
184											-	2.94	-	3.01	-	3.08	-	3.27	-	3.32
185											-	-	-	-	-	-	-	-	-	-
186											-	0.62	-	0.99	-	0.93	-	0.92	-	0.94
187											375.85	379.02	371.68	361.49	367.84					
188																				
189																				
190											114.10	113.35	112.97	114.09	116.07					
191											-	1.12	-	1.09	-	1.07	-	0.95	-	0.93
192											-	-	-	-	-	-	-	-	-	-
193											-	0.02	-	0.02	-	0.02	-	0.01	-	0.01
194											-	1.60	-	1.53	-	1.46	-	1.27	-	1.21
195											-	-	-	-	-	-	-	-	-	-
196											-	0.34	-	0.50	-	0.44	-	0.36	-	0.35
197											111.03	110.21	109.99	111.49	113.57					
198																				
199																				
200																				
201											403.07	388.24	361.41	385.34	351.13					
202											-	-	10.50	12.90	5.50					
203											-	2.11	-	1.78	-	1.66	-	1.54	-	0.62
204											-	-	-	-	-	-	-	-	-	-
205											-	-	-	-	-	-	-	-	-	-
206											-	0.06	-	0.39	-	-	-	0.21	-	0.21
207											-	20.47	-	12.73	-	13.14	-	12.19	-	13.21
208											-	0.04	-	0.03	-	0.35	-	-	-	-
209											-	2.87	-	2.88	-	4.28	-	3.11	-	3.13
210											-	-	-	-	-	-	-	-	-	-
211											-	0.51	-	0.55	-	0.41	-	0.56	-	0.37
212											377.01	369.86	352.08	380.64	339.10					
213																				
214																				
215											127.78	122.32	120.50	126.53	105.65					
216											-	-	-	-	-					
217											-	-	-	-	-					
218											-	-	-	-	-					
219											-	0.03	-	0.12	-	-	-	0.08	-	0.08
220											-	13.58	-	4.77	-	3.48	-	5.49	-	4.03
221											-	0.02	-	0.02	-	-	-	-	-	-
222											-	1.45	-	1.42	-	-	-	1.29	-	1.30
223											-	-	-	-	-	-	-	-	-	-
224											-	0.26	-	0.27	-	-	-	0.23	-	0.15
225											112.44	115.73	117.02	119.44	100.09					
226																				
227											-	1.16	-	10.32	-	10.44	-	38.76	-	47.90

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision] Gain Sharing Mechanism (GSM)

	2	3	4	5	6	7	8	9	15	16	17	18	19	20	21	22	23	24	25	26						
228	Transmission - ABS _t										-	1.41	-	4.10	-	1.52	-	0.92		21.43						
229	Total - ABS _t										-	2.57		6.22		8.93		39.67		69.33						
230																										
231	Service Standard Benchmark Performance																									
232	Year ending 30 June										2013	2014	2015	2016	2017	2018	2019	2020	2021	2022						
233	Service standards [1 = Standard met, 0 = Standard NOT met]																									
234	Distribution SSBs met										-	-		1	1											
235	Transmission SSBs met										1	1		1	-					1						
236																										
237	GSM calculation [\$M real as at 30 June 2017]																									
238	Distribution - ABS _t adjusted for service standard performance										-1.16	-		10.44	-38.76					47.90						
239	Transmission - ABS _t adjusted for service standard performance										-1.41	-4.10		-1.52	-0.92					21.43						
240																										
241	Distribution - GSMAt																18.43	19.59	19.59	9.14	47.90					
242	Transmission - GSMAt																13.48	14.90	19.00	20.51	21.43					
243																										
244	Western Power Proposed Allocation																									
245	Distribution - GSMAt - allocation																58%	57%	51%	31%	69%					
246	Transmission - GSMAt - allocation																42%	43%	49%	69%	31%					
247																										
248	ERA DD Allocation																									
249	Distribution - GSMAt - allocation																Applied Allocation					76%	76%	76%	76%	76%
250	Transmission - GSMAt - allocation																					24%	24%	24%	24%	24%
251																										
252	EIB inputs reconciliation																									
253	[APPROVED] Scale escalation																									
254	Year ending 30 June																									
255	Customer numbers escalation										2.41%	2.41%	2.41%	2.41%	2.41%	2.41%										
256	Customer numbers factor (95%) - base as at 30 June 2011	1.000							1.023	1.046	1.070	1.095	1.120	1.145												
257	Customer numbers factor (95%) - base as at 30 June 2013		1.000							1.023	1.046	1.070	1.095													
258	Customer numbers factor (95%) - base as at 30 June 2014			1.000							1.023	1.046	1.070													
259	Network growth escalation								2.10%	2.10%	2.10%	2.10%	2.10%	2.10%												
260	Network growth factor (95%) - base as at 30 June 2011	1.000							1.020	1.040	1.061	1.082	1.104	1.126												
261	Network growth factor (95%) - base as at 30 June 2013		1.000							1.020	1.040	1.061	1.082													
262	Network growth factor (95%) - base as at 30 June 2014			1.000							1.020	1.040	1.061													
263	Network growth factor (30%) - base as at 30 June 2011	1.000							1.006	1.013	1.019	1.025	1.032	1.038												
264	Network growth factor (30%) - base as at 30 June 2013		1.000							1.006	1.013	1.019	1.025													
265	Network growth factor (30%) - base as at 30 June 2014			1.000							1.006	1.013	1.019													
266																										
267	Adjusting EIB for difference between actual and forecast scale escalation																									
268	[APPROVED] Operating expenditure subject to scale escalation with FORECAST scale escalation (\$M real 30 June 2017)																									
269	Year ending 30 June										2013	2014	2015	2016	2017											
270	Distribution																									
271	Reliability Operations										1.72	1.76	1.79	1.83	1.87											
272	SCADA & Communications										4.70	4.79	4.89	4.99	5.09											

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision] Gain Sharing Mechanism (GSM)

	2	3	4	5	6	7	8	9	15	16	17	18	19	20	21	22	23	24	25	26
273	Non-revenue cap services	N/A																		
274	Network Operations	Network growth factor * 30%									16.16	16.26	16.37	16.47	16.57					
275	Smartgrid	N/A									-	-	-	-	-					
276	Maintenance Strategy	N/A									-	-	-	-	-					
277	Preventive Condition	Network growth factor * 95%									45.45	46.36	47.29	48.23	49.19					
278	Preventive Routine	Network growth factor * 95%									42.07	44.46	45.34	46.25	47.17					
279	Corrective Deferred	Network growth factor * 95%									29.45	30.04	30.64	31.25	31.87					
280	Corrective Emergency	Network growth factor * 95%									67.91	69.26	70.65	72.06	73.49					
281	Call Centre	Customer numbers factor * 95%									7.97	8.15	8.34	8.53	8.73					
282	Metering	Customer numbers factor * 95%									21.94	22.44	22.96	23.48	24.02					
283	Guaranteed service level payments	N/A									-	-	-	-	-					
284	Design & Estimating - Distribution Quotations	N/A									-	-	-	-	-					
285	Business Support	N/A									-	-	-	-	-					
286	IT	N/A									-	-	-	-	-					
287	Non-recurring opex	N/A									-	-	-	-	-					
288	Total										237.39	243.54	248.26	253.08	258.00					
289																				
290	Transmission																			
291	SCADA & Communications	Network growth factor * 95%									11.31	11.53	11.76	12.00	12.23					
292	Non-revenue cap services	N/A									-	-	-	-	-					
293	Network Operations	Network growth factor * 30%									10.72	10.79	10.86	10.92	10.99					
294	Maintenance Strategy	N/A									-	-	-	-	-					
295	Preventive Condition	Network growth factor * 95%									9.14	9.33	9.51	9.70	9.90					
296	Preventive Routine	Network growth factor * 95%									16.05	16.37	16.70	17.03	17.37					
297	Corrective Deferred	Network growth factor * 95%									9.38	9.57	9.76	9.96	10.15					
298	Corrective Emergency	Network growth factor * 95%									0.86	0.87	0.89	0.91	0.93					
299	Business Support	N/A									-	-	-	-	-					
300	Non-recurring opex	N/A									-	-	-	-	-					
301	Total										57.46	58.46	59.48	60.52	61.57					
302																				
303	[APPROVED] Operating expenditure NOT subject to scale escalation (\$M real 30 June 2017)																			
304	Year ending 30 June										2013	2014	2015	2016	2017					
305	Distribution																			
306	Reliability Operations	Network growth factor * 95%									0.33	0.32	0.30	0.28	0.31					
307	SCADA & Communications	Network growth factor * 95%									0.91	0.86	0.82	0.77	0.84					
308	Non-revenue cap services	N/A									-	-	-	-	-					
309	Network Operations	Network growth factor * 30%									0.19	0.14	0.09	-0.01	-0.13					
310	Smartgrid	N/A									5.54	4.42	5.30	6.92	8.44					
311	Maintenance Strategy	N/A									-	-	-	-	-					
312	Preventive Condition	Network growth factor * 95%									20.32	19.79	19.35	7.17	8.49					
313	Preventive Routine	Network growth factor * 95%									7.35	7.04	6.68	6.24	6.69					
314	Corrective Deferred	Network growth factor * 95%									5.18	4.91	4.68	4.39	4.71					
315	Corrective Emergency	Network growth factor * 95%									13.75	13.04	12.43	11.69	12.60					
316	Call Centre	Customer numbers factor * 95%									0.10	0.08	0.07	0.02	-0.04					
317	Metering	Customer numbers factor * 95%									0.47	0.40	0.35	0.22	0.08					

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Gain Sharing Mechanism (GSM)

	2	3	4	5	6	7	8	9	15	16	17	18	19	20	21	22	23	24	25	26
318	Guaranteed service level payments	N/A									1.89	1.88	1.88	1.87	1.85					
319	Design & Estimating - Distribution Quotations	N/A									4.63	4.62	4.75	4.74	4.74					
320	Business Support	N/A									74.39	74.22	73.45	75.93	76.52					
321	IT	N/A									-	-	-	-	-					
322	Non-recurring opex	N/A									11.64	12.62	5.05	5.20	5.34					
323	Total										146.67	144.34	135.22	125.43	130.43					
324																				
325	Transmission																			
326	SCADA & Communications	Network growth factor * 95%									2.18	2.06	1.96	1.84	1.97					
327	Non-revenue cap services	N/A									-	-	-	-	-					
328	Network Operations	Network growth factor * 30%									0.12	0.09	0.06	-0.02	-0.10					
329	Maintenance Strategy	N/A									-	-	-	-	-					
330	Preventive Condition	Network growth factor * 95%									1.86	1.77	1.69	1.60	1.73					
331	Preventive Routine	Network growth factor * 95%									3.32	3.15	3.00	2.82	3.05					
332	Corrective Deferred	Network growth factor * 95%									1.88	1.78	1.69	1.58	1.69					
333	Corrective Emergency	Network growth factor * 95%									0.41	0.39	0.38	0.36	0.39					
334	Business Support	N/A									44.14	44.21	44.20	45.86	46.35					
335	Non-recurring opex	N/A									3.32	1.94	1.74	1.98	2.63					
336	Total										57.24	55.39	54.72	56.01	57.72					
337																				
338	Adjusted EIB (\$M real 30 June 2017)																			
339	Year ending 30 June										2013	2014	2015	2016	2017					
340	Total non-capital cost										498.76	501.73	497.68	495.04	507.73					
341	less forecast superannuation costs for defined benefit schemes										-3.18	-3.25	-3.33	-3.40	-3.47					
342	less forecast non-revenue cap services cost										-	-	-	-	-					
343	less forecast licence fees										-0.05	-0.05	-0.05	-0.05	-0.05					
344	less forecast energy safety levy										-4.54	-4.54	-4.54	-4.54	-4.54					
345	less network control service										-	-	-	-	-					
346	less amounts payable under ERA costs (Electricity Network Access Funding Regulations)										-0.96	-1.49	-1.37	-1.28	-1.29					
347	Efficiency and innovation benchmark (adjusted) [\$M real as at 30 June 2017]										490.03	492.39	488.40	485.77	498.39					
348	Efficiency and innovation benchmark (adjusted) [\$M real as at 30 June 2012]										444.44	446.58	442.95	440.57	452.02					
349	Efficiency and innovation benchmark as per Access Arrangement [\$M real as at 30 June 2012]										444.44	446.58	442.95	440.57	452.02					
350	Reconciliation										OK	OK	OK	OK	OK					

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Distribution Cost of Service

	2	3	4	5	6	7	8	9	21	22	23	24	25	26
									2017	2018	2019	2020	2021	2022
4 Year Ending 30 June									2017	2018	2019	2020	2021	2022
5 Financial year ending									30/06/2017	30/06/2018	30/06/2019	30/06/2020	30/06/2021	30/06/2022
6 Days									365	365	365	366	365	365
7 Project Year									11	12	13	14	15	16
8 Regulatory Period									AA3			AA4		
9 Modelled Inflation														
10 Actual & Forecast Inflation									1.93%	1.84%	1.84%	1.84%	1.84%	1.84%
11 End of year Inflation factor									1.000	1.018	1.037	1.056	1.076	1.095
12 Post-tax WACC														
13 Real									3.60%	4.08%	4.08%	4.08%	4.08%	4.08%
14 Nominal										6.00%	6.00%	6.00%	6.00%	6.00%
15 Real WACC deflating factor										0.961	0.923	0.887	0.852	0.819
16 Nominal WACC deflating factor										0.943	0.890	0.840	0.792	0.747
17 Asset Value									2017	2018	2019	2020	2021	2022
18 Asset Value (Real \$ M 30/06/17)														
19 Opening Asset Value									5,715.99	5,791.31	6,009.25	6,223.57	6,465.61	6,595.71
20 Capex									357.43	473.95	489.82	528.91	417.08	419.02
21 Depreciation									-281.50	-256.01	-275.50	-286.86	-286.98	-276.03
22 Accelerated Depreciation									-	-	-	-	-	-
23 Redundant Assets									-0.62	-	-	-	-	-
24 Closing Asset Value									5,791.31	6,009.25	6,223.57	6,465.61	6,595.71	6,738.70
25 Asset Value									2017	2018	2019	2020	2021	2022
26 Asset Value (Nominal \$ m)														
27 Opening balance (start period)									5,607.56	5,791.31	6,119.82	6,454.70	6,829.12	7,094.72
28 Inflation on opening value									108.433	106.560	112.605	118.767	125.656	130.543
29 Opening balance (end period)									5,715.99	5,897.87	6,232.42	6,573.47	6,954.78	7,225.26
30 Capex									357.43	482.67	508.02	558.64	448.64	459.01
31 Depreciation									-281.50	-260.72	-285.73	-302.99	-308.70	-302.38
32 Accelerated depreciation									-	-	-	-	-	-
33 Redundant Assets									-0.62	-	-	-	-	-
34 Closing balance									5,791.31	6,119.82	6,454.70	6,829.12	7,094.72	7,381.90
35 Deferred Revenue Account (Real \$ M 30/06/17)									2017	2018	2019	2020	2021	2022
36 Deferred Revenue Account														
37 Opening Value									693.85	685.05	676.81	668.24	659.32	650.03
38 Payment to Principal						42.00 years			-8.81	-8.24	-8.57	-8.92	-9.29	-9.67
39 Closing Asset Value									685.05	676.81	668.24	659.32	650.03	640.37
40 Deferred Revenue Recovery (Real Annuity)														
41 Payment to Principal									8.81	8.24	8.57	8.92	9.29	9.67
42 Return on Opening Value									25.01	27.98	27.64	27.29	26.92	26.55
43 Revenue Recovery to be added to CoS									33.813	36.210	36.210	36.210	36.210	36.210
44														
45 Working Capital (Nominal \$ m)									2017	2018	2019	2020	2021	2022
46 Expenses														
47 Opex									351.13	268.67	268.34	270.37	279.89	283.93
48 Capex									357.43	482.67	508.02	558.64	448.64	459.01
49 Total Expenses									708.56	751.34	776.36	829.02	728.53	742.95
50 Working Capital														
51 Receivables						45.00 days				151.327	149.636	146.303	142.971	139.675
52 Tariff equalisation										-	-	-	-	-

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Distribution Cost of Service

	2	3	4	5	6	7	8	9	21	22	23	24	25	26	
4	Year Ending 30 June									2017	2018	2019	2020	2021	2022
5	Financial year ending									30/06/2017	30/06/2018	30/06/2019	30/06/2020	30/06/2021	30/06/2022
6	Days									365	365	365	366	365	365
7	Project Year									11	12	13	14	15	16
8	Regulatory Period									AA3			AA4		
53	Inventory					4.00%				19.31	20.32	22.35	17.95	18.36	
54	Prepayment					0.00%									
55	Creditors					24.20	days								
56	End of year working capital								118.86	120.82	118.48	113.83	112.61	108.78	
57	Working Capital														
58	Opening Balance								118.86	120.82	118.48	113.83	112.61	112.61	
59	Variation								1.96	-2.34	-4.65	-1.22	-3.84		
60	Closing Balance								120.82	118.48	113.83	112.61	108.78		
61															
62	Cost of Service (Nominal \$ m)								2017	2018	2019	2020	2021	2022	
63	Gross Cost of Service					PV	Sum								
64	Opex					1,153.20	1,371.20			268.67	268.34	270.37	279.89	283.93	
65	Depreciation					1,225.18	1,460.53			260.72	285.73	302.99	308.70	302.38	
66	Accelerated Depreciation					-	-			-	-	-	-	-	
67	Redundant Assets					-	-			-	-	-	-	-	
68	Deferred Revenue Recovery					160.82	191.29			36.88	37.56	38.25	38.95	39.67	
69	Tax					343.99	404.76			89.07	91.53	84.65	70.66	68.86	
70	Imputation Credits					-137.60	-161.90			-35.63	-36.61	-33.86	-28.26	-27.55	
71	Tariff Equalisation					694.00	822.00			167.00	175.00	162.00	157.00	161.00	
72	Return on Assets					1,622.17	1,937.01			347.41	367.12	387.21	409.67	425.60	
73	Inflationary gain in return on asset					-497.56	-594.13			-106.56	-112.60	-118.77	-125.66	-130.54	
74	Return on Working Capital					29.60	35.07			7.13	7.25	7.11	6.83	6.76	
75	Cost of Service					4,593.81	5,465.82			1,034.69	1,083.31	1,099.95	1,117.77	1,130.11	
76	Additional deferred revenue					-	-			-	-	-	-	-	
77	Cost of Service (adjusted)					4,593.81	5,465.82			1,034.69	1,083.31	1,099.95	1,117.77	1,130.11	
78															
79	Net Cost of Service (Nominal \$ m)								2017	2018	2019	2020	2021	2022	
80	Gross CoS					4,593.81	5,465.82			1,034.69	1,083.31	1,099.95	1,117.77	1,130.11	
81	Non-revenue cap services revenue					-	-			-	-	-	-	-	
82	IAM Revenue Adjustment					-7.96	-8.44			-	8.44				
83	SSAM Revenue Adjustment					231.56	245.45			245.45					
84	Unforeseen Events Revenue Adjustment					-	-			-					
85	Technical Rule Change Revenue Adjustment					-	-			-					
86	D-Factor Revenue Adjustment					8.41	8.91			8.91					
87	GSM Revenue Adjustment					141.70	171.21			27.87	30.41	30.97	24.24	57.72	
88	k-factor adjustment					35.02	37.12			37.12					
89	Net Cost of Service					5,002.54	5,920.09			1,345.61	1,113.72	1,130.92	1,142.01	1,187.83	
90	Net CoS excluding K factor					4,967.52	5,882.97			1,308.49	1,113.72	1,130.92	1,142.01	1,187.83	
91															
92	Smoothed Cost of Service								2017	2018	2019	2020	2021	2022	
93	Smoothed Cost of service (Nominal \$ m)														
94	Net Revenue Cap Service Revenue = Net CoS					5,002.54	5,920.09			1,345.61	1,113.72	1,130.92	1,142.01	1,187.83	
95															
96	Smoothed Revenue					5,002.54	5,923.65			1,235.04	1,227.43	1,213.72	1,189.93	1,132.92	

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Distribution Cost of Service

	2	3	4	5	6	7	8	9	21	22	23	24	25	26
4	Year Ending 30 June													
5	Financial year ending													
6	Days													
7	Project Year													
8	Regulatory Period													
									AA3			AA4		
97	Delta PV					0.00				118.18	-100.00	-59.02	-17.64	54.91
98						OK								
99	Energy Transported (GWh)					56,702.86			13,769	13,691	13,656	13,505	13,276	13,083
100	Annual Average Tariff					88.22			89.70	89.65	88.88	88.11	87.35	86.60
101	Annual tariff variation								7.21%	-0.05%	-0.86%	-0.86%	-0.86%	-0.86%
102														
103	RECONCILIATION													
104	Net cash flow analysis (Nominal \$ m)													
105	Smoothed Revenue Cap Services Revenue					PV				1,345.61	1,113.72	1,130.92	1,142.01	1,187.83
106	(-) additional deferred revenue from transmission					-				-	-	-	-	-
107	Opex					-1,153.20				-268.67	-268.34	-270.37	-279.89	-283.93
108	Capex					-2,074.96				-482.67	-508.02	-558.64	-448.64	-459.01
109	Non-revenue cap services revenue					-				-	-	-	-	-
110	Tax costs due to capital contributions and gifted assets					-				-	-	-	-	-
111	Tax Payable					-343.99				-89.069	-91.525	-84.645	-70.656	-68.863
112	Less Value of Imputation Credits					137.60				35.628	36.610	33.858	28.262	27.545
113	Tariff Equalisation					-694.00				-167.000	-175.000	-162.000	-157.000	-161.000
114	IAM Revenue Adjustment					7.96				8.437	-	-	-	-
115	SSAM Revenue Adjustment					-231.56				-245.452	-	-	-	-
116	Unforeseen Events Revenue Adjustment					-				-	-	-	-	-
117	Technical Rule Change Revenue Adjustment					-				-	-	-	-	-
118	D-Factor Revenue Adjustment					-8.41				-8.912	-	-	-	-
119	GSM Revenue Adjustment					-141.70				-27.870	-30.411	-30.970	-24.244	-57.720
120	K-Factor					-35.02				-37.123	-	-	-	-
121	Asset Opening Value					-5,791.31			-5,791.306					
122	Asset Closing Value					5,516.48								7,381.897
123	Deferred Revenue Opening Value					-685.05			-685.045					
124	Deferred Revenue closing Value					524.22								701.488
125	Opening Value of Working Capital					-118.86			-118.859					
126	Closing Value of working capital					81.29								108.778
127	Working capital variation					7.97				-1.960	2.335	4.650	1.220	3.836
128	Net Cash Flow					-			-6,595.210	60.947	79.370	62.792	191.070	8,380.848
129						OK								
130	Additional deferred revenue - past values from transmission CoS re-smoothing delta													
131	Additional deferred revenue from Transmission									-	-	-	-	-

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Cost of Service

	2	3	4	5	6	7	8	9	21	22	23	24	25	26
4 Year Ending 30 June									2017	2018	2019	2020	2021	2022
5 Financial year ending									30/06/2017	30/06/2018	30/06/2019	30/06/2020	30/06/2021	30/06/2022
6 Days									365	365	365	366	365	365
7 Project Year									11	12	13	14	15	16
8 Regulatory Period									AA3			AA4		
9 Modelled Inflation														
10 Actual & Forecast Inflation									1.93%	1.84%	1.84%	1.84%	1.84%	1.84%
11 End of year Inflation factor									1.000	1.018	1.037	1.056	1.076	1.095
12 Post-tax WACC														
13 Real									3.60%	4.08%	4.08%	4.08%	4.08%	4.08%
14 Nominal										6.00%	6.00%	6.00%	6.00%	6.00%
15 Nominal WACC deflating factor										0.943	0.890	0.840	0.792	0.747
16 Asset Value (Real \$ M 30/06/17)									2017	2018	2019	2020	2021	2022
17 Asset Value														
18 Opening Asset Value									3,150.21	3,126.00	3,132.33	3,175.88	3,225.94	3,232.25
19 Capex									106.68	117.71	159.87	173.99	139.33	128.57
20 Depreciation									-129.44	-111.38	-116.32	-123.94	-133.01	-137.40
21 Accelerated Depreciation									-	-	-	-	-	-
22 Redundant Assets									-1.45	-	-	-	-	-
23 Closing Asset Value									3,126.00	3,132.33	3,175.88	3,225.94	3,232.25	3,223.43
24 Asset Value (Nominal \$M)									2017	2018	2019	2020	2021	2022
25 Asset Value														
26 Opening balance (start period)									3,090.45	3,126.00	3,189.97	3,293.83	3,407.30	3,476.80
27 Inflation on opening value									59.760	57.518	58.695	60.606	62.694	63.973
28 Opening balance (end period)									3,150.21	3,183.52	3,248.66	3,354.44	3,470.00	3,540.77
29 Capex									106.68	119.87	165.81	183.78	149.87	140.85
30 Depreciation									-129.44	-113.43	-120.64	-130.91	-143.07	-150.52
31 Accelerated depreciation									-	-	-	-	-	-
32 Redundant Assets									-1.45	-	-	-	-	-
33 Closing balance									3,126.00	3,189.97	3,293.83	3,407.30	3,476.80	3,531.10
34 Deferred Revenue Account									2017	2018	2019	2020	2021	2022
35 Deferred Revenue Account (Real \$ M 30/06/17)														
36 Opening Value									93.64	92.81	92.06	91.28	90.47	89.63
37 Payment to Principal						50.00	years		-0.82	-0.75	-0.78	-0.81	-0.85	-0.88
38 Closing Asset Value									92.81	92.06	91.28	90.47	89.63	88.75
39 Deferred Revenue Recovery (Real Annuity)														
40 Payment to Principal									0.82	0.75	0.78	0.81	0.85	0.88
41 Return on Opening Value									3.37	3.79	3.76	3.73	3.69	3.66
42 Revenue Recovery to be added to CoS									4.198	4.540	4.540	4.540	4.540	4.540
43 Working Capital (Nominal \$ m)									2017	2018	2019	2020	2021	2022
44 Expenses														
45 Opex									105.65	82.31	82.18	82.79	85.73	86.99
46 Capex									106.68	119.87	165.81	183.78	149.87	140.85
47 Total Expenses									212.33	202.18	247.98	266.57	235.60	227.84
48 Working Capital														
49 Receivables						45.00	days			35.91	41.04	46.77	53.31	60.36
50 Inventory						4.00%				4.79	6.63	7.35	5.99	5.63
51 Prepayment						0.00%				-	-	-	-	-

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Cost of Service

	2	3	4	5	6	7	8	9	21	22	23	24	25	26	
4 Year Ending 30 June									2017	2018	2019	2020	2021	2022	
5 Financial year ending									30/06/2017	30/06/2018	30/06/2019	30/06/2020	30/06/2021	30/06/2022	
6 Days									365	365	365	366	365	365	
7 Project Year									11	12	13	14	15	16	
8 Regulatory Period									AA3	AA4					
52 Creditors		24.20					days		-13.41	-16.44	-17.63	-15.62	-15.11		
53 End of year Working Capital								18.30	27.30	31.23	36.49	43.68	50.89		
54 Working Capital									18.30	27.30	31.23	36.49	43.68		
55 Opening Value									9.01	3.93	5.26	7.19	7.21		
56 Variation								18.30	27.30	31.23	36.49	43.68	50.89		
57 Closing Value															
58															
59 Cost of Service (Nominal \$ m)									2017	2018	2019	2020	2021	2022	
60 Gross Cost of Service		PV					Sum								
61 Opex		353.23					420.01		82.31	82.18	82.79	85.73	86.99		
62 Depreciation		550.11					658.56		113.43	120.64	130.91	143.07	150.52		
63 Accelerated Depreciation		-					-		-	-	-	-	-		
64 Redundant Assets		-					-		-	-	-	-	-		
65 Deferred Revenue Recovery		20.16					23.98		4.62	4.71	4.80	4.88	4.97		
66 Tax		108.64					129.97		21.70	25.10	27.06	26.35	29.76		
67 Imputation Credits		-43.46					-51.99		-8.68	-10.04	-10.82	-10.54	-11.90		
68 Tariff Equalisation		-					-								
69 Return on Assets		830.91					989.44		187.52	191.36	197.59	204.40	208.57		
70 Inflationary gain in return on asset		-254.86					-303.49		-57.52	-58.70	-60.61	-62.69	-63.97		
71 Return on Working Capital		7.76					9.42		1.10	1.64	1.87	2.19	2.62		
72 Cost of Service		1,572.49					1,875.91		344.49	356.89	373.59	393.39	407.56		
73 Net Cost of Service															
74 Gross CoS		1,572.49					1,875.91		344.49	356.89	373.59	393.39	407.56		
75 Non-revenue cap services revenue		-					-		-	-	-	-	-		
76 IAM Revenue Adjustment		-32.43					-34.38		-34.380						
77 SSAM Revenue Adjustment		12.84					13.61		13.610						
78 Unforeseen Events Revenue Adjustment		-					-		-						
79 Technical Rule Change Revenue Adjustment		-					-		-						
80 D-Factor Revenue Adjustment		-					-		-						
81 GSM Revenue Adjustment		44.75					54.07		8.801	9.603	9.780	7.656	18.227		
82 k-factor adjustment		1.18					1.25		1.250						
83 Net Cost of Service		1,598.82					1,910.46		333.77	366.49	383.37	401.04	425.78		
84 Net Cost of Service (excluding k factor)		1,597.64					1,909.21		332.52	366.49	383.37	401.04	425.78		
85 Smoothed Cost of Service (Nominal \$ m)									2017	2018	2019	2020	2021	2022	
86 Net Revenue Cap Service Revenue = Net CoS		1,598.82					1,910.46		333.770	366.490	383.371	401.042	425.783		
87									Maximum revenue						
88 Smoothed Revenue		1,598.82							290.14	291.29	332.86	380.36	432.39	489.62	
89 Delta PV		0.000							42.48	33.63	3.01	-31.35	-63.84		
90		OK													
91 Energy Transported (GWh)		74,016.86							17,764	17,698	17,663	17,628	17,502	17,309	
92 Annual Average Tariff		91.13							16.33	16.46	18.84	21.58	24.71	28.29	
93 Annual tariff variation									-10.13%	0.77%	14.50%	14.50%	14.50%	14.50%	
94															

ERA Western Power AA4 Revenue Model, May 2018 [Draft Decision]

Transmission Cost of Service

	2	3	4	5	6	7	8	9	21	22	23	24	25	26		
4 Year Ending 30 June									2017	2018	2019	2020	2021	2022		
5 Financial year ending									30/06/2017	30/06/2018	30/06/2019	30/06/2020	30/06/2021	30/06/2022		
6 Days									365	365	365	366	365	365		
7 Project Year									11	12	13	14	15	16		
8 Regulatory Period									AA3			AA4				
95 Re-smoothed Cost of Service (Nominal \$ m)																
96																
97 Net revenue cap services revenue (Building block)										-	-	-	-	-		
98 Re-smoothed revenue cap services										-	-	-	-	-		
99 Delta PV										-	-	-	-	-		
100 Annual average tariff [\$/MWh]										-	-	-	-	-		
101 Average tariff variation										0.00%	0.000%	0.00%	0.00%	0.00%		
102																
103 RECONCILIATION									2017	2018	2019	2020	2021	2022		
104 Net cash flow analysis [\$M Nominal]																
105 Smoothed Revenue Cap Services Revenue									PV	1,598.82	333.8	366.5	383.4	401.0	425.8	
106																
107 Opex										-353.23	-82.3	-82.2	-82.8	-85.7	-87.0	
108 Capex										-638.94	-119.9	-165.8	-183.8	-149.9	-140.8	
109 Non-revenue cap services revenue										-	-	-	-	-		
110 Tax costs due to capital contributions and gifted assets										-	-	-	-	-		
111 Tax Payable										-108.64	-21.7	-25.1	-27.1	-26.3	-29.8	
112 Less Value of Imputation Credits										43.46	8.7	10.0	10.8	10.5	11.9	
113																
114 IAM Revenue Adjustment										32.43	34.4	-	-	-	-	
115 SSAM Revenue Adjustment										-12.84	-13.6	-	-	-	-	
116 Unforeseen Events Revenue Adjustment										-	-	-	-	-	-	
117 Technical Rule Change Revenue Adjustment										-	-	-	-	-	-	
118 D-Factor Revenue Adjustment										-	-	-	-	-	-	
119 GSM Revenue Adjustment										-44.75	-8.8	-9.6	-9.8	-7.7	-18.2	
120 K-Factor										-1.18	-1.2	-	-	-	-	
121 Asset Opening Value										-3,126.00	-3,126.0					
122 Asset Closing Value										2,638.79					3,531.1	
123 Deferred Revenue Opening Value										-92.81	-92.8					
124 Defferred Revenue closing Value										72.65					97.2	
125 Opening Value of Working Capital										-18.30	-18.3					
126 Closing Value of working capital										38.03					50.9	
127 Working capital variation										-27.49	-9.0	-3.9	-5.3	-7.2	-7.2	
128 Net Cash Flow										-	-3,237.1	120.3	89.9	85.5	134.8	3,833.9
129										OK						