

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

Appendix 4 Target Revenue Calculation  
(Revenue Model)

20 September 2018

Economic Regulation Authority

WESTERN AUSTRALIA

## Economic Regulation Authority

4<sup>th</sup> Floor Albert Facey House  
469 Wellington Street, Perth

**Mail to:**

Perth BC, PO Box 8469  
PERTH WA 6849

**T:** 08 6557 7900

**F:** 08 6557 7999

**E:** [records@erawa.com.au](mailto:records@erawa.com.au)

**W:** [www.erawa.com.au](http://www.erawa.com.au)

National Relay Service TTY: 13 36 77  
(to assist people with hearing and voice impairment)

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## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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.

### Worksheets

Worksheet	Description
Scenarios	Summary of output
Final Decision Summary	AA4 ERA Final 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, Sept 2018 [Final Decision]

### ERA Final Decision Model Summary

2 3 5 6 7 8 9 10 11

#### 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	82.1	80.6	80.3	81.5	79.7	404.3	578.6
Depreciation	109.7	115.2	122.0	128.8	132.2	608.0	562.1
Accelerated Depreciation (redundant assets)	-	-	-	-	-	-	-
Return on regulated asset (less inflationary gain)	122.9	123.5	125.9	128.0	127.8	628.1	592.4
Return on working capital	1.1	1.4	1.4	1.9	2.3	8.0	4.8
Taxation	12.2	10.3	10.5	10.4	12.9	56.4	57.7
Deferred Revenue Recovery	4.4	4.4	4.4	4.4	4.4	22.2	21.0
<b>Forward Looking Efficient Cost</b>	<b>332.5</b>	<b>335.5</b>	<b>344.7</b>	<b>355.1</b>	<b>359.3</b>	<b>1,727.0</b>	<b>1,816.7</b>
Investment Adjustment Mechanism	(-35.8)	-	-	-	-	(-35.8)	(-52.5)
Service standard adjustment mechanism	13.3	-	-	-	-	13.3	6.8
Unforeseen Events	-	-	-	-	-	-	-
D-Factor	-	-	-	-	-	-	-
Gain sharing mechanism	8.6	9.3	9.3	7.1	16.6	50.9	-
K Factor	1.2	-	-	-	-	1.2	29.2
<b>Total Transmission Revenue Building Blocks (unsmoothed)</b>	<b>319.9</b>	<b>344.8</b>	<b>354.0</b>	<b>362.2</b>	<b>375.9</b>	<b>1,756.7</b>	<b>1,800.2</b>

#### 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		319.9	344.8	354.0	362.2	375.9	1,756.7	1,561.7
Revenue deferred		-	-	-	-	-	-	-
Smoothed transmission revenue	290.1	280.9	292.2	355.2	397.3	442.6	1,768.3	1,561.7
Annual % Change on Smoothed Revenue		-3.17%	4.02%	21.54%	11.86%	11.42%		

#### 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	271.4	268.4	268.3	273.6	270.0	1,351.8	1,922.4
Depreciation	258.3	274.9	278.6	269.4	262.5	1,343.6	1,260.3
Accelerated Depreciation (redundant assets)	4.4	6.9	4.4	-	-	15.6	4.3
Return on regulated asset	229.3	237.6	245.5	254.7	260.3	1,227.3	929.2
Return on working capital	6.8	6.5	6.3	5.9	5.8	31.3	15.1
Taxation	74.8	31.4	29.6	23.9	28.3	188.0	209.7
Deferred Revenue Recovery	35.6	35.6	35.6	35.6	35.6	177.8	169.1
Tariff Equalisation Contribution	164.0	190.9	153.4	146.0	147.0	801.2	984.9
<b>Forward Looking Efficient Cost</b>	<b>1,044.6</b>	<b>1,052.1</b>	<b>1,021.5</b>	<b>1,009.1</b>	<b>1,009.4</b>	<b>5,136.6</b>	<b>5,494.9</b>
Investment Adjustment Mechanism	(-7.1)	-	-	-	-	(-7.1)	2.1
Service standard adjustment mechanism	240.7	-	-	-	-	240.7	27.0
Unforeseen Events	-	-	-	-	-	-	-
D-Factor	8.7	-	-	-	-	8.7	-
Gain sharing mechanism	27.4	29.3	29.3	22.5	52.7	161.2	-
K Factor	36.4	-	-	-	-	36.4	54.1
<b>Total Distribution Revenue Building Blocks (unsmoothed)</b>	<b>1,350.6</b>	<b>1,081.4</b>	<b>1,050.8</b>	<b>1,031.7</b>	<b>1,062.0</b>	<b>5,576.6</b>	<b>5,578.2</b>

#### 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		1,350.6	1,081.4	1,050.8	1,031.7	1,062.0	5,576.6	4,993.7
Revenue brought forward		-	-	-	-	-	-	-
Adjusted unsmoothed revenue		1,350.6	1,081.4	1,050.8	1,031.7	1,062.0	5,576.6	4,993.7
Smoothed Distribution Revenue	1,235.0	1,188.2	1,161.8	1,120.8	1,077.4	1,038.3	5,586.5	4,993.7
Annual % Change on Smoothed Revenue		-3.79%	-2.23%	-3.53%	-3.87%	-3.63%		

Real \$ m as at 30/06/2017	AA4 Total	Total Approved AA3
Unsmoothed target revenue	7,333.33	7,378.37
Smoothed target revenue	7,354.74	

#### Transmission Demand Profile and Tariff Path

	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22
Smoothed Revenue (Real \$ m as at 30/06/2017)		280.9	292.2	355.2	397.3	442.6
Energy Transport (GWh)		17,698.0	17,663.0	17,628.0	17,502.0	17,309.0
Average Tariff (Real \$/MWh)	16.3	15.9	16.5	20.1	22.7	25.6
Annual % Change		-2.81%	4.22%	21.78%	12.66%	12.66%

#### Distribution Demand Profile and Tariff Path

	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22
Smoothed Revenue (Real \$ m as at 30/06/2017)		1,188.2	1,161.8	1,120.8	1,077.4	1,038.3
Energy Transport (GWh)		13,691.0	13,656.0	13,505.0	13,276.0	13,083.0
Average Tariff (Real \$/MWh)	89.7	86.8	85.074	83.0	81.2	79.4
Annual % Change		-3.24%	-1.98%	-2.45%	-2.21%	-2.21%

#### Consolidated Western Power Network Tariff Path

	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22
Distribution+ Transmission Tariff (\$/MWh)	106.0	102.7	101.6	103.1	103.9	104.9
Annual % Change for Consolidated network tariff		-3.18%	-1.02%	1.50%	0.69%	1.04%

#### Transmission Demand Profile and Tariff Path

	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22
Smoothed Revenue (Nominal \$ Million)		286.1	303.07	375.1	427.3	484.9
Energy Transport (GWh)		17,698.0	17,663.0	17,628.0	17,502.0	17,309.0
Average Tariff (Nominal \$/MWh)	16.3	16.2	17.2	21.3	24.4	28.0
Annual % Change		-1.02%	6.14%	24.02%	14.73%	14.73%

#### Distribution Demand Profile and Tariff Path

	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22
Smoothed Revenue (Nominal \$ Million)		1,210.1	1,204.9	1,183.8	1,158.9	1,137.4
Energy Transport (GWh)		13,691.0	13,656.0	13,505.0	13,276.0	13,083.0
Average Tariff (Nominal \$/MWh)	89.7	88.4	88.2	87.7	87.3	86.9
Annual % Change		-1.46%	-0.17%	-0.65%	-0.41%	-0.41%

#### Consolidated Western Power Network Tariff Path

	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22
Distribution+ Transmission Tariff (Nominal \$/MWh)	106.0	104.6	105.4	108.9	111.7	114.9
Annual % Change for Consolidated network tariff		-1.39%	0.80%	3.36%	2.55%	2.90%

**Transmission Demand Profile and Tariff Path**

	2016/17	2017/18	2018/19 (1)	2018/19 (2)	2019/20	2020/21	2021/22
Smoothed Revenue (Nominal \$ Million)		286.1	166.57	136.51	375.1	427.3	484.9
Energy Transport (GWh)		17,698.0	10,303.4	7,359.6	17,628.0	17,502.0	17,309.0
Average Tariff (Nominal \$/MWh)	16.3	16.2	16.2	18.5	21.3	24.4	28.0
Annual % Change		-1.02%	0.00%	14.73%	14.73%	14.73%	14.73%

**Distribution Demand Profile and Tariff Path**

	2016/17	2017/18	2018/19 (1)	2018/19 (2)	2019/20	2020/21	2021/22
Smoothed Revenue (Nominal \$ Million)		1,210.1	704.08	500.84	1,183.8	1,158.9	1,137.4
Energy Transport (GWh)		13,691.0	7,966.0	5,690.0	13,505.0	13,276.0	13,083.0
Average Tariff (Nominal \$/MWh)	89.7	88.4	88.4	88.0	87.7	87.3	86.9
Annual % Change		-1.46%	0.00%	-0.41%	-0.41%	-0.41%	-0.41%

**Western Power Profile and Tariff Path**

	2016/17	2017/18	2018/19 (1)	2018/19 (2)	2019/20	2020/21	2021/22
Smoothed Revenue (Nominal \$ Million)		1,496.2	870.6	637.3	1,559.0	1,586.3	1,622.3
Energy Transport (GWh)		31,389.0	18,269.4	13,049.6	31,133.0	30,778.0	30,392.0
Average Tariff (Nominal \$/MWh)	106.0	104.6	104.6	106.6	108.9	111.7	114.9
Annual % Change		-1.39%	0.00%	1.93%	2.22%	2.55%	2.90%

**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)	1,670.5	1,426.2	1,404.8	1,393.9	1,438.0	7,333.3
AA4 Target Revenue (smoothed)	1,469.2	1,454.0	1,476.0	1,474.7	1,480.9	7,354.7
AA3 Actual Efficient Capex Rolled into Rab	887.9	1,013.1	777.4	618.0	461.5	3,757.8
Forecast AA4 Capex	596.6	659.3	692.0	531.7	535.0	3,014.6
Forecasted AA4 Opex	353.5	349.0	348.7	355.2	349.7	1,756.1

**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	3,108.6	3,122.9	3,185.0	3,237.7	3,231.7	3,108.6	2,816.7
Net CAPEX	123.9	177.3	174.7	122.9	123.8	722.6	1,683.8
Depreciation	(-109.7)	(-115.2)	(-122.0)	(-128.8)	(-132.2)	(-608.0)	(-562.1)
Accelerated Depreciation	-	-	-	-	-	-	-
Closing RAB	3,122.9	3,185.0	3,237.7	3,231.7	3,223.2	3,223.2	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	5,798.4	6,008.4	6,208.6	6,442.9	6,582.4	5,798.4	4,248.7
Net CAPEX	472.6	482.0	517.3	408.9	411.2	2,292.0	3,826.1
Depreciation	(-258.3)	(-274.9)	(-278.6)	(-269.4)	(-262.5)	(-1,343.6)	(-1,260.1)
Accelerated Depreciation	(-4.4)	(-6.9)	(-4.4)	-	-	(-15.6)	(-4.3)
Closing RAB	6,008.4	6,208.6	6,442.9	6,582.4	6,731.1	6,731.1	6,810.4

**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)	279.7	292.2	355.2	397.3	442.6	353.41

TX	4.47%	21.54%	11.86%	11.42%
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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)	987.8	970.9	967.4	931.5	891.3	949.77
DX		-1.72%	-0.35%	-3.72%	-4.31%	

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision]

### Weighted Average Cost of Capital (WACC)

	2	3	5	6	7	8	9	10	11	12	13	
			<b>AA1</b>	<b>AA2</b>	<b>AA3</b>	<b>AA4 WACC Draft Decision</b>						
			<b>Approved</b>	<b>Approved</b>	<b>Approved</b>	<b>17/18</b>	<b>18/19</b>	<b>19/20</b>	<b>20/21</b>	<b>21/22</b>		
4												
5												
6					<b>15-Jun-12</b>	<b>29-Mar-18</b>						
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%	2.487%	2.49%	2.49%	2.49%	2.49%		
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%	2.92%	2.92%	2.92%	2.92%	2.92%		
20					6.0%	6.0%	6.0%	6.0%	6.0%	6.0%		
21					0.65	0.7	0.70	0.70	0.70	0.70		
22					30%	30%	30%	30%	30%	30%		
23					25%	50%	50%	50%	50%	50%		
24					90%	82%	82%	82%	82%	82%		
26												
27					5.35%	5.29%	5.29%	5.29%	5.29%	5.29%		
28					3.19%	3.39%	3.39%	3.39%	3.39%	3.39%		
30												
31					8.28%	7.73%	7.73%	7.73%	7.73%	7.73%		
32					6.06%	5.78%	5.78%	5.78%	5.78%	5.78%		
33					6.42%	6.57%	6.57%	6.57%	6.57%	6.57%		
34					4.23%	4.64%	4.64%	4.64%	4.64%	4.64%		
36												
37					6.53%	6.39%	6.39%	6.39%	6.39%	6.39%		
38			6.76%	7.98%	4.33%	4.47%	4.47%	4.47%	4.47%	4.47%		
40												
41					5.78%	5.87%	5.87%	5.87%	5.87%	5.87%		
42					3.60%	3.95%	3.95%	3.95%	3.95%	3.95%		
43												



# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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 <b>AA1 WP's Forecasted Inflation</b>												
8 June CPI												
9 Forecast Annual Inflation												
10 Inflation Factor												
11 <b>AA2 Actual and WP's Forecasted Inflation</b>												
12 June CPI												
13 Actual & Forecast Annual Inflation												
14 Inflation Factor												
15 <b>AA3 Actual and WP's Forecasted Inflation</b>												
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 <b>AA4 Actual and Forecasted Inflation</b>												
20			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
21 June CPI												
22 June CPI (rebased)			102.8	105.9	107.5	108.6	110.7					
23 Actual & Forecast Inflation			2.39%	3.02%	1.51%	1.02%	1.93%	1.84%	1.84%	1.84%	1.84%	1.84%
24 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
25 <b>Initial Capital Base</b>												
26 <b>Distribution</b>												
39 <b>Asset Allocation</b>												
105												
106 <b>Capital Expenditure</b>			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
107 <b>[APPROVED] Capex by Regulatory category (\$M Real)</b>												
108 <b>Growth</b>			Approved AA3 (\$M Real 30/06/2012)									
109 Capacity Expansion			56.86	61.32	68.09	68.47	76.35					
110 Customer Driven			202.89	203.65	209.36	210.84	217.39					
111 Gifted Assets			63.48	63.48	63.48	63.48	63.48					
112 <b>Asset replacement and renewal</b>												
113 Asset Replacement			42.10	37.29	35.11	36.59	36.72					
114 State Undergrounding Power Program (SUPP)			38.48	18.59	-	-	-					
115 Metering			13.47	44.53	44.14	40.18	16.12					
116 Smartgrid			2.48	24.02	26.59	20.19	15.60					
117 Wood Pole Management			164.55	188.37	199.11	209.82	222.28					
118 <b>Improvement in service</b>												
119 Reliability Driven			0.59	0.60	0.61	0.61	0.62					
120 Rural Power Improvement Program (RPIP)			-	-	-	-	-					
121 SCADA & Communications			5.15	6.33	7.00	3.89	6.97					
122 <b>Compliance</b>												
123 Safety, Environmental & Statutory			112.94	112.78	113.15	84.77	91.43					
124 <b>Corporate</b>												
125 IT			25.69	24.75	14.49	15.14	15.37					
126 Business Support			20.44	19.99	13.85	13.99	11.54					
127 Equity Raising Costs			5.02	4.30	3.45	1.44	-					

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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					
128 <b>Total</b>			754.14	809.99	798.44	769.43	773.87					
129 <b>[ACTUAL] Capex by Regulatory category (\$M Nominal)</b>												
130 <b>Growth</b>			<b>Actual AA3</b>				<b>Modelled AA4 (\$ Nominal)</b>					
131 Capacity Expansion			48.47	39.33	26.15	25.44	35.49	45.08	43.61	36.39	28.21	31.79
132 Customer Driven			188.49	178.84	149.26	140.45	131.17	124.48	137.26	128.72	137.37	140.79
133 Gifted Assets			57.59	59.14	147.88	123.77	82.35	81.65	83.79	86.13	88.54	91.01
134 <b>Asset replacement and renewal</b>												
135 Asset Replacement			48.78	45.21	94.49	136.80	114.92	74.77	79.72	88.77	98.81	113.20
136 State Undergrounding Power Program (SUPP)			29.69	18.96	15.29	10.77	10.39	40.57	53.27	35.84	9.44	20.93
137 Metering			11.32	11.52	16.69	26.50	24.48	21.24	28.20	33.83	35.26	36.04
138 Smartgrid			0.78	0.55	1.33	-	-	-	-	-	-	-
139 Wood Pole Management			216.86	282.46	234.23	186.45	81.72	171.24	134.16	128.73	130.56	122.11
140 <b>Improvement in service</b>												
141 Reliability Driven			1.69	0.10	0.18	0.78	3.66	4.47	6.29	-	-	-
142 Rural Power Improvement Program (RPIP)								-	-	-	-	-
143 SCADA & Communications			3.07	2.51	3.14	3.70	5.06	3.40	3.91	4.86	4.62	4.34
144 <b>Compliance</b>												
145 Safety, Environmental & Statutory			128.56	145.38	115.23	35.98	14.78	28.57	45.39	45.49	38.57	39.60
146 <b>Corporate</b>												
147 IT			18.72	13.03	20.51	12.40	30.95	35.99	39.43	34.06	25.30	19.43
148 Business Support			19.90	2.52	10.42	15.68	5.25	19.24	35.47	97.10	9.38	8.00
149 Equity Raising Costs			5.47	4.48	3.46	1.28	-	-	-	-	-	-
150 <b>Total</b>			779.39	804.03	835.60	719.99	540.22	650.70	690.50	719.91	606.06	627.24
151 <b>[APPROVED] Capex by Regulatory category (\$M Real at 30/06/2017)</b>												
152 <b>Growth</b>			<b>Approved AA3</b>									
153 Capacity Expansion			62.70	67.61	75.08	75.49	84.18					
154 Customer Driven			223.70	224.54	230.84	232.47	239.69					
155 Gifted Assets			70.00	70.00	70.00	70.00	70.00					
156 <b>Asset replacement and renewal</b>												
157 Asset Replacement			46.42	41.12	38.72	40.35	40.48					
158 State Undergrounding Power Program (SUPP)			42.43	20.50	-	-	-					
159 Metering			14.86	49.10	48.67	44.30	17.78					
160 Smartgrid			2.73	26.49	29.32	22.26	17.20					
161 Wood Pole Management			181.43	207.69	219.53	231.34	245.08					
162 <b>Improvement in service</b>												
163 Reliability Driven			0.66	0.66	0.67	0.68	0.69					
164 Rural Power Improvement Program (RPIP)			-	-	-	-	-					
165 SCADA & Communications			5.68	6.98	7.72	4.29	7.68					
166 <b>Compliance</b>												
167 Safety, Environmental & Statutory			124.52	124.35	124.76	93.46	100.81					
168 <b>Corporate</b>												
169 IT			28.32	27.29	15.97	16.69	16.94					
170 Business Support			22.54	22.04	15.27	15.43	12.72					
171 Equity Raising Costs			5.53	4.74	3.80	1.59	-					

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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					
172 <b>Total</b>		831.51	893.09	880.35	848.36	853.26						
173 <b>[ACTUAL] Capex by Regulatory category (\$M Real at 30/06/2017)</b>												
174 <b>Growth</b>		<b>Actual AA3 (\$M Real at 30/06/2017)</b>					<b>Modelled AA4 Capex</b>					
175 Capacity Expansion		52.20	41.11	26.93	25.93	35.49	44.26	42.05	34.46	26.22	29.02	
176 Customer Driven		202.98	186.95	153.70	143.17	131.17	122.23	132.34	121.87	127.71	128.52	
177 Gifted Assets		62.01	61.82	152.28	126.17	82.35	80.18	80.79	81.55	82.31	83.08	
178 <b>Asset replacement and renewal</b>		-	-	-	-	-	-	-	-	-	-	
179 Asset Replacement		52.53	47.26	97.31	139.45	114.92	73.42	76.86	84.05	91.86	103.33	
180 State Undergrounding Power Program (SUPP)		31.97	19.82	15.74	10.98	10.39	39.84	51.36	33.93	8.77	19.10	
181 Metering		12.19	12.04	17.18	27.01	24.48	20.86	27.19	32.03	32.78	32.90	
182 Smartgrid		0.84	0.57	1.37	-	-	-	-	-	-	-	
183 Wood Pole Management		233.52	295.26	230.71	177.15	76.20	168.14	129.35	121.88	121.38	111.47	
184 <b>Improvement in service</b>		-	-	-	-	-	-	-	-	-	-	
185 Reliability Driven		1.82	0.10	0.19	0.50	2.18	4.39	6.07	-	-	-	
186 Rural Power Improvement Program (RPIP)		-	-	-	-	-	-	-	-	-	-	
187 SCADA & Communications		3.31	2.63	3.24	3.77	5.06	3.34	3.77	4.60	4.30	3.96	
188 <b>Compliance</b>		-	-	-	-	-	-	-	-	-	-	
189 Safety, Environmental & Statutory		138.43	151.97	118.65	36.67	14.78	28.05	43.77	43.07	35.85	36.15	
190 <b>Corporate</b>		-	-	-	-	-	-	-	-	-	-	
191 IT		20.16	13.62	21.12	12.64	30.95	35.34	38.02	32.25	23.52	17.73	
192 Business Support		19.67	2.63	10.73	11.99	5.25	18.89	34.20	91.93	8.72	7.30	
193 Equity Raising Costs		5.91	4.68	3.63	1.36	-	-	-	-	-	-	
194 <b>Total</b>		837.54	840.48	850.04	716.78	533.22	638.94	665.78	681.59	563.43	572.59	
195 <b>[APPROVED] Capex by asset class (\$M Real at 30/06/2017) including gifted asset</b>												
		<b>Approved AA3</b>										
196 Wooden Pole Lines		300.49	328.70	344.62	343.80	365.47						
197 Underground Cables		135.79	123.05	114.12	114.17	119.59						
198 Transformers		214.36	207.17	204.79	197.77	203.99						
199 Switchgear		94.52	91.57	90.62	83.01	86.67						
200 Street lighting		6.69	5.97	5.44	5.04	5.21						
201 Meters and Services		16.63	66.31	67.73	58.77	28.96						
202 IT		28.32	27.29	15.97	16.69	16.94						
203 SCADA & Communications		6.64	16.25	17.98	12.09	13.70						
204 Other Distribution Non-Network		22.54	22.04	15.27	15.43	12.72						
205 Distribution Land & Easements		-	-	-	-	-						
206 Equity Raising Costs		5.53	4.74	3.80	1.59	-						
207 <b>Total</b>		831.51	893.09	880.35	848.36	853.26						
208 <b>[ACTUAL] Capex by asset class (\$M Real at 30/06/2017) including gifted asset</b>												
		<b>Actual AA3</b>					<b>Modelled AA4</b>					
209 Wooden Pole Lines		350.04	409.68	332.22	239.35	126.81	227.79	196.53	182.26	175.52	167.36	
210 Underground Cables		120.00	102.52	116.74	110.05	95.47	108.66	119.57	101.55	85.23	95.38	
211 Transformers		204.40	193.87	235.96	216.18	171.26	155.87	169.81	163.67	162.34	171.75	
212 Switchgear		94.37	91.99	102.81	86.78	67.88	62.72	70.51	67.40	65.52	70.02	
213 Street lighting		6.65	6.23	7.77	7.65	6.07	5.47	6.19	5.91	5.49	6.17	
214 Meters and Services		12.73	12.41	16.29	27.01	24.48	20.86	27.19	32.03	32.78	32.90	
215 IT		20.16	13.62	21.12	12.64	30.95	35.34	38.02	32.25	23.52	17.73	

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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					
216 SCADA & Communications			3.60	2.83	2.76	3.77	5.06	3.34	3.77	4.60	4.30	3.96
217 Other Distribution Non-Network			11.80	1.58	6.44	7.19	3.15	11.33	20.52	55.16	5.23	4.38
218 Distribution Land & Easements			7.87	1.05	4.29	4.80	2.10	7.56	13.68	36.77	3.49	2.92
219 Equity Raising Costs			5.91	4.68	3.63	1.36	-	-	-	-	-	-
220 Total			837.54	840.48	850.04	716.78	533.22	638.94	665.78	681.59	563.43	572.59
221 Capex Adjustment			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
222 Capex Adjustment (\$M Real)												
223												
247 Capex Adjustment (\$M Real 30/06/2017)												
294												
295 [ACTUAL] Post -Adjustment CAPEX by regulatory categories (\$M real 30/06/2017)												
296 Growth					Actual AA3					Proposed AA4 (Post Adjusted Capex)		
297 Capacity Expansion			52.20	41.11	26.93	25.93	35.49	44.26	42.05	34.46	26.22	29.02
298 Customer Driven			202.98	186.95	153.70	143.17	131.17	122.23	132.34	121.87	127.71	128.52
299 Gifted Assets			62.01	61.82	152.28	126.17	82.35	80.18	80.79	81.55	82.31	83.08
300 Asset replacement and renewal			-	-	-	-	-	-	-	-	-	-
301 Asset Replacement			52.53	47.26	97.31	139.45	114.92	73.42	76.86	84.05	91.86	103.33
302 State Undergrounding Power Program (SUPP)			31.97	19.82	15.74	10.98	10.39	39.84	51.36	33.93	8.77	19.10
303 Metering			12.19	12.04	17.18	27.01	24.48	20.86	27.19	32.03	32.78	32.90
304 Smartgrid			0.84	0.57	-1.37	-	-	-	-	-	-	-
305 Wood Pole Management			233.52	295.26	230.71	177.15	76.20	168.14	129.35	121.88	121.38	111.47
306 Improvement in service			-	-	-	-	-	-	-	-	-	-
307 Reliability Driven			1.82	0.10	0.19	0.50	2.18	4.39	6.07	-	-	-
308 Rural Power Improvement Program (RPIP)			-	-	-	-	-	-	-	-	-	-
309 SCADA & Communications			3.31	2.63	3.24	3.77	5.06	3.34	3.77	4.60	4.30	3.96
310 Compliance			-	-	-	-	-	-	-	-	-	-
311 Safety, Environmental & Statutory			138.43	151.97	118.65	36.67	14.78	28.05	43.77	43.07	35.85	36.15
312 Corporate			-	-	-	-	-	-	-	-	-	-
313 IT			20.16	13.62	21.12	12.64	30.95	35.34	38.02	32.25	23.52	17.73
314 Business Support			19.67	2.63	10.73	11.99	5.25	18.89	34.20	91.93	8.72	7.30
315 Equity Raising Costs			5.91	4.68	3.63	1.36	-	-	-	-	-	-
316 Total			837.54	840.48	850.04	716.78	533.22	638.94	665.78	681.59	563.43	572.59
317 [ACTUAL] Post -Adjustment CAPEX by asset class (\$M real 30/06/2017)					Actual AA3					Proposed AA4 (Post Adjusted Capex)		
318 Wooden Pole Lines			350.04	409.68	332.22	239.35	126.81	227.79	196.53	182.26	175.52	167.36
319 Underground Cables			120.00	102.52	116.74	110.05	95.47	108.66	119.57	101.55	85.23	95.38
320 Transformers			204.40	193.87	235.96	216.18	171.26	155.87	169.81	163.67	162.34	171.75
321 Switchgear			94.37	91.99	102.81	86.78	67.88	62.72	70.51	67.40	65.52	70.02
322 Street lighting			6.65	6.23	7.77	7.65	6.07	5.47	6.19	5.91	5.49	6.17
323 Meters and Services			12.73	12.41	16.29	27.01	24.48	20.86	27.19	32.03	32.78	32.90
324 IT			20.16	13.62	21.12	12.64	30.95	35.34	38.02	32.25	23.52	17.73
325 SCADA & Communications			3.60	2.83	2.76	3.77	5.06	3.34	3.77	4.60	4.30	3.96
326 Other Distribution Non-Network			19.67	2.63	10.73	11.99	5.25	11.33	20.52	55.16	5.23	4.38
327 Distribution Land & Easements			-	-	-	-	-	7.56	13.68	36.77	3.49	2.92
328 Equity Raising Costs			5.91	4.68	3.63	1.36	-	-	-	-	-	-

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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					
329 Total			837.54	840.48	850.04	716.78	533.22	638.94	665.78	681.59	563.43	572.59
330 Gifted Asset			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
331 [APROVED]Gifted Assets (\$M real 2012)			Approved AA3									
332 Wooden Pole Lines			8.23	8.23	8.23	8.23	8.23					
333 Underground Cables			15.59	15.59	15.59	15.59	15.59					
334 Transformers			30.52	30.52	30.52	30.52	30.52					
335 Switchgear			8.70	8.70	8.70	8.70	8.70					
336 Street lighting			0.44	0.44	0.44	0.44	0.44					
337 Meters and Services			-	-	-	-	-					
338 IT			-	-	-	-	-					
339 SCADA & Communications			-	-	-	-	-					
340 Other Distribution Non-Network			-	-	-	-	-					
341 Distribution Land & Easements			-	-	-	-	-					
342 Equity Raising Costs			-	-	-	-	-					
343 Total			63.48	63.48	63.48	63.48	63.48					
344 [ACTUAL]Gifted Assets (\$Nominal)			Actual AA3									
345 Wooden Pole Lines			7.46	7.66	19.17	16.04	10.67					
346 Underground Cables			14.15	14.53	36.33	30.41	20.23					
347 Transformers			27.68	28.43	71.09	59.50	39.59					
348 Switchgear			7.89	8.11	20.27	16.96	11.29					
349 Street lighting			0.40	0.41	1.03	0.86	0.57					
350 Meters and Services			-	-	-	-	-					
351 IT			-	-	-	-	-					
352 SCADA & Communications			-	-	-	-	-					
353 Other Distribution Non-Network			-	-	-	-	-					
354 Distribution Land & Easements			-	-	-	-	-					
355 Equity Raising Costs			-	-	-	-	-					
356 Total			57.59	59.14	147.88	123.77	82.35					
357 [APROVED]Gifted Assets (\$M real 30/06/2017)			Approved AA3									
358 Wooden Pole Lines			9.07	9.07	9.07	9.07	9.07					
359 Underground Cables			17.19	17.19	17.19	17.19	17.19					
360 Transformers			33.65	33.65	33.65	33.65	33.65					
361 Switchgear			9.59	9.59	9.59	9.59	9.59					
362 Street lighting			0.49	0.49	0.49	0.49	0.49					
363 Meters and Services			-	-	-	-	-					
364 IT			-	-	-	-	-					
365 SCADA & Communications			-	-	-	-	-					
366 Other Distribution Non-Network			-	-	-	-	-					
367 Distribution Land & Easements			-	-	-	-	-					
368 Equity Raising Costs			-	-	-	-	-					
369 Total			70.00	70.00	70.00	70.00	70.00					
370 [ACTUAL]Gifted Assets (\$M real 30/06/2017)			Actual AA3				Modelled AA4					
371 Wooden Pole Lines			8.04	8.01	19.74	16.35	10.67	10.39	10.47	10.57	10.67	10.77
372 Underground Cables			15.23	15.19	37.41	30.99	20.23	19.70	19.85	20.03	20.22	20.41

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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					
373 Transformers			29.81	29.72	73.21	60.65	39.59	38.54	38.84	39.20	39.57	39.94
374 Switchgear			8.50	8.47	20.87	17.29	11.29	10.99	11.07	11.18	11.28	11.39
375 Street lighting			0.43	0.43	1.06	0.88	0.57	0.56	0.56	0.57	0.57	0.58
376 Meters and Services			-	-	-	-	-	-	-	-	-	-
377 IT			-	-	-	-	-	-	-	-	-	-
378 SCADA & Communications			-	-	-	-	-	-	-	-	-	-
379 Other Distribution Non-Network			-	-	-	-	-	-	-	-	-	-
380 Distribution Land & Easements			-	-	-	-	-	-	-	-	-	-
381 Equity Raising Costs			-	-	-	-	-	-	-	-	-	-
382 Total			62.01	61.82	152.28	126.17	82.35	80.18	80.79	81.55	82.31	83.08
383 <b>Owners Capex</b>			<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
384 <b>[APROVED]Owner's capex</b>			<b>Approved AA3</b>									
385 Wooden Pole Lines			291.42	319.63	335.55	334.73	356.40					
386 Underground Cables			118.59	105.86	96.92	96.98	102.39					
387 Transformers			180.71	173.52	171.14	164.12	170.34					
388 Switchgear			84.93	81.98	81.03	73.42	77.08					
389 Street lighting			6.21	5.48	4.95	4.55	4.73					
390 Meters and Services			16.63	66.31	67.73	58.77	28.96					
391 IT			28.32	27.29	15.97	16.69	16.94					
392 SCADA & Communications			6.64	16.25	17.98	12.09	13.70					
393 Other Distribution Non-Network			22.54	22.04	15.27	15.43	12.72					
394 Distribution Land & Easements			-	-	-	-	-					
395 Equity Raising Costs			5.53	4.74	3.80	1.59	-					
396 Total			761.51	823.09	810.35	778.37	783.26					
397 <b>[ACTUAL]Owner's capex (\$M real 2017) i.e. post-adjusted actual capex - gifted</b>			<b>Actual AA3</b>				<b>Modelled AA4</b>					
398 Wooden Pole Lines			342.01	401.67	312.48	223.00	116.13	217.40	186.05	171.69	164.85	156.59
399 Underground Cables			104.77	87.34	79.33	79.06	75.24	88.96	99.72	81.52	65.01	74.97
400 Transformers			174.59	164.15	162.76	155.53	131.67	117.33	130.97	124.47	122.77	131.81
401 Switchgear			85.88	83.52	81.94	69.49	56.59	51.73	59.44	56.22	54.24	58.64
402 Street lighting			6.21	5.80	6.72	6.78	5.50	4.92	5.63	5.35	4.92	5.60
403 Meters and Services			12.73	12.41	16.29	27.01	24.48	20.86	27.19	32.03	32.78	32.90
404 IT			20.16	13.62	21.12	12.64	30.95	35.34	38.02	32.25	23.52	17.73
405 SCADA & Communications			3.60	2.83	2.76	3.77	5.06	3.34	3.77	4.60	4.30	3.96
406 Other Distribution Non-Network			19.67	2.63	10.73	11.99	5.25	11.33	20.52	55.16	5.23	4.38
407 Distribution Land & Easements			-	-	-	-	-	7.56	13.68	36.77	3.49	2.92
408 Equity Raising Costs			5.91	4.68	3.63	1.36	-	-	-	-	-	-
409 Total			775.52	778.66	697.76	590.61	450.87	558.77	584.98	600.05	481.12	489.51
410												
411 <b>Cash Contributions</b>			<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
412 <b>[APROVED]Cash Contributions (\$M real)</b>			<b>Approved AA3 (real\$2012)</b>									
413 <b>Growth</b>												
414 Capacity Expansion												
415 Customer Driven			73.46	74.68	78.65	80.78	84.60					
416 Gifted Assets												

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
417 <b>Asset replacement and renewal</b>												
418 Asset Replacement												
419 State Undergrounding Power Program (SUPP)			29.40	14.20	-	-	-					
420 Metering												
421 Smartgrid												
422 Wood Pole Management												
423 <b>Improvement in service</b>												
424 Reliability Driven												
425 Rural Power Improvement Program (RPIP)												
426 SCADA & Communications												
427 <b>Compliance</b>												
428 Safety, Environmental & Statutory												
429 <b>Corporate</b>												
430 IT												
431 Business Support												
432 Equity Raising Costs												
433 <b>Total</b>			102.86	88.88	78.65	80.78	84.60					
434 <b>[ACTUAL]Cash Contributions (\$M OD)</b>												
435 <b>Growth</b>												
436 Capacity Expansion			0.00	0.01	-	-	-					
437 Customer Driven			75.31	89.41	63.23	81.32	84.95					
438 Gifted Assets												
439 <b>Asset replacement and renewal</b>												
440 Asset Replacement			-	0.07	0.29	-	0.05	0.03				
441 State Undergrounding Power Program (SUPP)			14.32	10.04	9.49	6.10	5.35					
442 Metering			0.42	3.04	4.14	3.44	3.11					
443 Smartgrid			-	-	-	-	-					
444 Wood Pole Management			-	-	-	-	-					
445 <b>Improvement in service</b>												
446 Reliability Driven			-	-	-	-	-					
447 Rural Power Improvement Program (RPIP)			-	-	-	-	-					
448 SCADA & Communications			-	-	-	-	-					
449 <b>Compliance</b>												
450 Safety, Environmental & Statutory			-	-	0.07	-	0.01	-				
451 <b>Corporate</b>												
452 IT			-	-	-	-	-					
453 Business Support			-	-	-	-	-					
454 Equity Raising Costs			-	-	-	-	-					
455 <b>Total</b>			90.06	102.57	77.22	90.80	93.44					
456 <b>[APROVED]Cash Contributions (\$M real 30/06/2017)</b>												
457 <b>Growth</b>												
458 Capacity Expansion			-	-	-	-	-					
459 Customer Driven			80.99	82.34	86.72	89.07	93.28					
460 Gifted Assets			-	-	-	-	-					

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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					
461 <b>Asset replacement and renewal</b>		-	-	-	-	-	-	-	-	-	-	-
462 Asset Replacement		-	-	-	-	-	-	-	-	-	-	-
463 State Undergrounding Power Program (SUPP)		32.42	15.66	-	-	-	-	-	-	-	-	-
464 Metering		-	-	-	-	-	-	-	-	-	-	-
465 Smartgrid		-	-	-	-	-	-	-	-	-	-	-
466 Wood Pole Management		-	-	-	-	-	-	-	-	-	-	-
467 <b>Improvement in service</b>		-	-	-	-	-	-	-	-	-	-	-
468 Reliability Driven		-	-	-	-	-	-	-	-	-	-	-
469 Rural Power Improvement Program (RPIP)		-	-	-	-	-	-	-	-	-	-	-
470 SCADA & Communications		-	-	-	-	-	-	-	-	-	-	-
471 <b>Compliance</b>		-	-	-	-	-	-	-	-	-	-	-
472 Safety, Environmental & Statutory		-	-	-	-	-	-	-	-	-	-	-
473 <b>Corporate</b>		-	-	-	-	-	-	-	-	-	-	-
474 IT		-	-	-	-	-	-	-	-	-	-	-
475 Business Support		-	-	-	-	-	-	-	-	-	-	-
476 Equity Raising Costs		-	-	-	-	-	-	-	-	-	-	-
477 <b>Total</b>		113.41	97.99	86.72	89.07	93.28						
478 <b>[ACTUAL]Cash Contributions (\$M real 30/06/2017)</b>												
479 <b>Growth</b>		<b>Actual AA3</b>					<b>Modelled AA4</b>					
480 Capacity Expansion		0.00	0.01	-	-	-	-	-	-	-	-	-
481 Customer Driven		81.10	93.46	65.11	82.89	84.95	61.11	71.81	60.93	63.85	64.26	
482 Gifted Assets		-	-	-	-	-	-	-	-	-	-	-
483 <b>Asset replacement and renewal</b>		-	-	-	-	-	-	-	-	-	-	-
484 Asset Replacement		-	0.08	0.30	-0.05	0.03	-	-	-	-	-	-
485 State Undergrounding Power Program (SUPP)		15.42	10.49	9.78	6.22	5.35	21.51	27.74	18.32	4.74	10.32	
486 Metering		0.45	3.17	4.26	3.51	3.11	3.51	3.48	3.50	3.67	3.69	
487 Smartgrid		-	-	-	-	-	-	-	-	-	-	-
488 Wood Pole Management		-	-	-	-	-	-	-	-	-	-	-
489 <b>Improvement in service</b>		-	-	-	-	-	-	-	-	-	-	-
490 Reliability Driven		-	-	-	-	-	-	-	-	-	-	-
491 Rural Power Improvement Program (RPIP)		-	-	-	-	-	-	-	-	-	-	-
492 SCADA & Communications		-	-	-	-	-	-	-	-	-	-	-
493 <b>Compliance</b>		-	-	-	-	-	-	-	-	-	-	-
494 Safety, Environmental & Statutory		-	-	0.08	-0.01	-	-	-	-	-	-	-
495 <b>Corporate</b>		-	-	-	-	-	-	-	-	-	-	-
496 IT		-	-	-	-	-	-	-	-	-	-	-
497 Business Support		-	-	-	-	-	-	-	-	-	-	-
498 Equity Raising Costs		-	-	-	-	-	-	-	-	-	-	-
499 <b>Total</b>		96.98	107.22	79.51	92.56	93.44	86.13	103.02	82.75	72.26	78.27	
500 <b>[APROVED] Cash Contributions by asset class(\$M real 30/06/2017)</b>												
501 <b>Wooden Pole Lines</b>		<b>Approved AA3</b>										
501 Wooden Pole Lines		10.96	10.90	11.24	11.54	12.09						
502 Underground Cables		40.45	30.15	21.30	21.88	22.92						
503 Transformers		46.58	43.27	41.69	42.82	44.84						
504 Switchgear		14.06	12.71	11.89	12.21	12.79						



# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
505 Street lighting		1.37	0.96	0.60	0.62	0.65						
506 Meters and Services		-	-	-	-	-						
507 IT		-	-	-	-	-						
508 SCADA & Communications		-	-	-	-	-						
509 Other Distribution Non-Network		-	-	-	-	-						
510 Distribution Land & Easements		-	-	-	-	-						
511 Equity Raising Costs		-	-	-	-	-						
512 Total		113.41	97.99	86.72	89.07	93.28						
513 [ACTUAL] Cash Contributions by asset class(\$M real 30/06/2017)			Actual AA3					Modelled AA4				
514 Wooden Pole Lines		10.7	12.3	8.6	10.8	11.1	8.23	9.70	8.16	8.34	8.48	
515 Underground Cables		29.7	29.6	22.2	24.3	24.3	28.65	35.22	26.58	18.69	22.33	
516 Transformers		42.6	47.4	33.8	41.3	42.1	34.45	41.06	33.61	31.81	33.32	
517 Switchgear		12.5	13.8	9.9	11.9	12.1	10.34	12.37	10.02	9.18	9.75	
518 Street lighting		0.9	0.9	0.7	0.7	0.7	0.96	1.19	0.88	0.56	0.70	
519 Meters and Services		0.4	3.2	4.3	3.5	3.1	3.51	3.48	3.50	3.67	3.69	
520 IT		-	-	-	-	-	-	-	-	-	-	
521 SCADA & Communications		-	-	-	-	-	-	-	-	-	-	
522 Other Distribution Non-Network		-	-	-	-	-	-	-	-	-	-	
523 Distribution Land & Easements		-	-	-	-	-	-	-	-	-	-	
524 Equity Raising Costs		-	-	-	-	-	-	-	-	-	-	
525 Total		97.0	107.2	79.5	92.6	93.4	86.13	103.02	82.75	72.26	78.27	
526												
527 Approved ICB Depreciation		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
528 [APPROVED] ICB Depreciation (\$M real 2012)		Approved AA3										
529 Wooden Pole Lines		-36.25	-35.90	-35.85	-35.85	-35.85						
530 Underground Cables		-16.96	-16.96	-16.96	-16.96	-16.96						
531 Transformers		-13.72	-13.65	-13.64	-13.64	-13.64						
532 Switchgear		-9.28	-9.25	-9.25	-9.25	-9.25						
533 Street lighting		-	-	-	-	-						
534 Meters and Services		-21.38	-21.38	-21.38	-4.28	-						
535 IT		-1.59	-1.59	-1.59	-1.28	-						
536 SCADA & Communications		-1.47	-1.47	-1.47	-1.47	-0.29						
537 Other Distribution Non-Network		-5.30	-5.30	-5.30	-5.30	-5.30						
538 Distribution Land & Easements		-	-	-	-	-						
539 Equity Raising Costs		-	-	-	-	-						
540 Total		-105.94	-105.50	-105.43	-88.01	-81.28						
541 [APPROVED] ICB Depreciation (\$M real 2017)												
542 Wooden Pole Lines		-39.96	-39.59	-39.53	-39.53	-39.53						
543 Underground Cables		-18.70	-18.70	-18.70	-18.70	-18.70						
544 Transformers		-15.12	-15.05	-15.04	-15.04	-15.04						
545 Switchgear		-10.23	-10.20	-10.19	-10.19	-10.19						
546 Street lighting		-	-	-	-	-						
547 Meters and Services		-23.57	-23.57	-23.57	-4.71	-						
548 IT		-1.76	-1.76	-1.76	-1.41	-						

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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						
549 SCADA & Communications			-1.62	-1.62	-1.62	-1.62	-0.32						
550 Other Distribution Non-Network			-5.84	-5.84	-5.84	-5.84	-5.84						
551 Distribution Land & Easements			-	-	-	-	-						
552 Equity Raising Costs			-	-	-	-	-						
553 Total			-116.81	-116.32	-116.25	-97.04	-89.62						
554 Approved TAX ICB Depreciation			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
555 [APPROVED] TAX ICB Depreciation (\$M Nominal)			Approved AA3										
556 Wooden Pole Lines			-58.57	-59.74	-58.87	-58.59	-57.92						
557 Underground Cables			-0.45	-2.18	-2.15	-2.14	-2.12						
558 Transformers			-0.16	-0.80	-0.78	-0.78	-0.77						
559 Switchgear			-0.17	-0.85	-0.83	-0.83	-0.82						
560 Street lighting			-2.10	-2.75	-2.71	-2.70	-2.67						
561 Meters and Services			-0.01	-0.13	-0.13	-0.13	-0.12						
562 IT			-1.87	-7.71	-7.59	-7.57	-5.77						
563 SCADA & Communications			-2.00	-2.16	-1.72	-1.35	-1.31						
564 Other Distribution Non-Network			-18.45	-8.63	-6.08	-5.90	-5.76						
565 Distribution Land & Easements			-	-	-	-	-						
566 Equity Raising Costs			-	-	-	-	-						
567 Total			-83.77	-84.93	-80.86	-80.00	-77.28						
568 Approved CAPEX Depreciation			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
569 Total Approved Capex Depreciation													
570 Wooden Pole Lines			-21.16	-27.36	-34.19	-41.36	-48.51						
571 Underground Cables			-15.40	-16.58	-17.73	-18.87	-20.01						
572 Transformers			-9.46	-12.94	-16.32	-19.67	-22.81						
573 Switchgear			-9.40	-11.23	-13.03	-14.82	-16.41						
574 Street lighting			-5.07	-5.29	-5.49	-5.69	-5.87						
575 Meters and Services			-3.27	-3.87	-6.28	-8.73	-10.87						
576 IT			-13.42	-17.70	-21.83	-24.24	-26.76						
577 SCADA & Communications			-1.75	-2.34	-3.79	-5.40	-6.48						
578 Other Distribution Non-Network			-9.27	-11.28	-13.25	-14.61	-15.99						
579 Distribution Land & Easements			0.00	0.00	0.00	0.00	0.00						
580 Equity Raising Costs			0.00	-0.11	-0.21	-0.29	-0.32						
581 Total			-88.19	-108.71	-132.11	-153.69	-174.02						
582 [APPROVED] 2006 CAPEX Depreciation (\$M real 2012)													
583 Wooden Pole Lines			-2.28	-2.28	-2.28	-2.28	-2.28						
584 Underground Cables			-2.95	-2.95	-2.95	-2.95	-2.95						
585 Transformers			-1.68	-1.68	-1.68	-1.68	-1.68						
586 Switchgear			-1.29	-1.29	-1.29	-1.29	-1.29						
587 Street lighting			-0.89	-0.89	-0.89	-0.89	-0.89						
588 Meters and Services			-0.46	-0.46	-0.46	-0.46	-0.46						
589 IT			-1.71	-1.71	-1.71	-1.71	-1.71						
590 SCADA & Communications			-0.23	-0.23	-0.23	-0.23	-0.23						
591 Other Distribution Non-Network			-0.79	-0.79	-0.79	-0.79	-0.79						
592 Distribution Land & Easements			-	-	-	-	-						

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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					
593	Equity Raising Costs		-	-	-	-	-					
594	Total		-12.27	-12.27	-12.27	-12.27	-12.27					
595	<b>[APROVED]2006 CAPEX Depreciation (\$M real 2017)</b>											
596	Wooden Pole Lines		-2.51	-2.51	-2.51	-2.51	-2.51					
597	Underground Cables		-3.26	-3.26	-3.26	-3.26	-3.26					
598	Transformers		-1.85	-1.85	-1.85	-1.85	-1.85					
599	Switchgear		-1.43	-1.43	-1.43	-1.43	-1.43					
600	Street lighting		-0.98	-0.98	-0.98	-0.98	-0.98					
601	Meters and Services		-0.50	-0.50	-0.50	-0.50	-0.50					
602	IT		-1.89	-1.89	-1.89	-1.89	-1.89					
603	SCADA & Communications		-0.25	-0.25	-0.25	-0.25	-0.25					
604	Other Distribution Non-Network		-0.87	-0.87	-0.87	-0.87	-0.87					
605	Distribution Land & Easements		-	-	-	-	-					
606	Equity Raising Costs		-	-	-	-	-					
607	Total		-13.53	-13.53	-13.53	-13.53	-13.53					
608	<b>[APROVED]2007 CAPEX Depreciation (\$M real 2012)</b>											
609	Wooden Pole Lines		-2.76	-2.76	-2.76	-2.76	-2.76					
610	Underground Cables		-2.82	-2.82	-2.82	-2.82	-2.82					
611	Transformers		-1.60	-1.60	-1.60	-1.60	-1.60					
612	Switchgear		-1.46	-1.46	-1.46	-1.46	-1.46					
613	Street lighting		-0.86	-0.86	-0.86	-0.86	-0.86					
614	Meters and Services		-0.49	-0.49	-0.49	-0.49	-0.49					
615	IT		-3.44	-3.44	-3.44	-3.44	-3.44					
616	SCADA & Communications		-0.23	-0.23	-0.23	-0.23	-0.23					
617	Other Distribution Non-Network		-0.79	-0.79	-0.79	-0.79	-0.79					
618	Distribution Land & Easements		-	-	-	-	-					
619	Equity Raising Costs		-	-	-	-	-					
620	Total		-14.45	-14.45	-14.45	-14.45	-14.45					
621	<b>[APROVED]2007 CAPEX Depreciation (\$M real 2017)</b>											
622	Wooden Pole Lines		-3.04	-3.04	-3.04	-3.04	-3.04					
623	Underground Cables		-3.10	-3.10	-3.10	-3.10	-3.10					
624	Transformers		-1.76	-1.76	-1.76	-1.76	-1.76					
625	Switchgear		-1.61	-1.61	-1.61	-1.61	-1.61					
626	Street lighting		-0.95	-0.95	-0.95	-0.95	-0.95					
627	Meters and Services		-0.54	-0.54	-0.54	-0.54	-0.54					
628	IT		-3.79	-3.79	-3.79	-3.79	-3.79					
629	SCADA & Communications		-0.26	-0.26	-0.26	-0.26	-0.26					
630	Other Distribution Non-Network		-0.88	-0.88	-0.88	-0.88	-0.88					
631	Distribution Land & Easements		-	-	-	-	-					
632	Equity Raising Costs		-	-	-	-	-					
633	Total		-15.93	-15.93	-15.93	-15.93	-15.93					
634	<b>[APROVED]2008 CAPEX Depreciation (\$M real 2012)</b>											
635	Wooden Pole Lines		-3.84	-3.84	-3.84	-3.84	-3.84					
636	Underground Cables		-3.85	-3.85	-3.85	-3.85	-3.85					

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
637	Transformers		-2.29	-2.29	-2.29	-2.29	-2.29					
638	Switchgear		-2.09	-2.09	-2.09	-2.09	-2.09					
639	Street lighting		-1.27	-1.27	-1.27	-1.27	-1.27					
640	Meters and Services		-0.55	-0.55	-0.55	-0.55	-0.55					
641	IT		-1.99	-1.99	-1.99	-1.99	-1.99					
642	SCADA & Communications		-0.23	-0.23	-0.23	-0.23	-0.23					
643	Other Distribution Non-Network		-2.36	-2.36	-2.36	-2.36	-2.36					
644	Distribution Land & Easements		-	-	-	-	-					
645	Equity Raising Costs		-	-	-	-	-					
646	Total		-18.44	-18.44	-18.44	-18.44	-18.44					
647	<b>[APROVED]2008 CAPEX Depreciation (\$M real 2017)</b>											
648	Wooden Pole Lines		-4.23	-4.23	-4.23	-4.23	-4.23					
649	Underground Cables		-4.24	-4.24	-4.24	-4.24	-4.24					
650	Transformers		-2.52	-2.52	-2.52	-2.52	-2.52					
651	Switchgear		-2.30	-2.30	-2.30	-2.30	-2.30					
652	Street lighting		-1.40	-1.40	-1.40	-1.40	-1.40					
653	Meters and Services		-0.60	-0.60	-0.60	-0.60	-0.60					
654	IT		-2.19	-2.19	-2.19	-2.19	-2.19					
655	SCADA & Communications		-0.25	-0.25	-0.25	-0.25	-0.25					
656	Other Distribution Non-Network		-2.60	-2.60	-2.60	-2.60	-2.60					
657	Distribution Land & Easements		-	-	-	-	-					
658	Equity Raising Costs		-	-	-	-	-					
659	Total		-20.33	-20.33	-20.33	-20.33	-20.33					
660	<b>[APROVED]2009 CAPEX Depreciation (\$M real 2012)</b>											
661	Wooden Pole Lines		-3.56	-3.56	-3.56	-3.56	-3.56					
662	Underground Cables		-2.21	-2.21	-2.21	-2.21	-2.21					
663	Transformers		-1.35	-1.35	-1.35	-1.35	-1.35					
664	Switchgear		-1.42	-1.42	-1.42	-1.42	-1.42					
665	Street lighting		-0.72	-0.72	-0.72	-0.72	-0.72					
666	Meters and Services		-0.46	-0.46	-0.46	-0.46	-0.46					
667	IT		-1.23	-1.23	-1.23	-1.23	-1.23					
668	SCADA & Communications		-0.29	-0.29	-0.29	-0.29	-0.29					
669	Other Distribution Non-Network		-1.09	-1.09	-1.09	-1.09	-1.09					
670	Distribution Land & Easements		-	-	-	-	-					
671	Equity Raising Costs		-	-	-	-	-					
672	Total		-12.34	-12.34	-12.34	-12.34	-12.34					
673	<b>[APROVED]2009 CAPEX Depreciation (\$M real 2017)</b>											
674	Wooden Pole Lines		-3.93	-3.93	-3.93	-3.93	-3.93					
675	Underground Cables		-2.44	-2.44	-2.44	-2.44	-2.44					
676	Transformers		-1.49	-1.49	-1.49	-1.49	-1.49					
677	Switchgear		-1.56	-1.56	-1.56	-1.56	-1.56					
678	Street lighting		-0.79	-0.79	-0.79	-0.79	-0.79					
679	Meters and Services		-0.51	-0.51	-0.51	-0.51	-0.51					
680	IT		-1.35	-1.35	-1.35	-1.35	-1.35					

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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					
681	SCADA & Communications		-0.32	-0.32	-0.32	-0.32	-0.32					
682	Other Distribution Non-Network		-1.21	-1.21	-1.21	-1.21	-1.21					
683	Distribution Land & Easements		-	-	-	-	-					
684	Equity Raising Costs		-	-	-	-	-					
685	Total		-13.61	-13.61	-13.61	-13.61	-13.61					
686	<b>[APROVED]2010 CAPEX Depreciation (\$M real 2012)</b>											
687	Wooden Pole Lines		-3.37	-3.37	-3.37	-3.37	-3.37					
688	Underground Cables		-1.97	-1.97	-1.97	-1.97	-1.97					
689	Transformers		-1.32	-1.32	-1.32	-1.32	-1.32					
690	Switchgear		-1.39	-1.39	-1.39	-1.39	-1.39					
691	Street lighting		-0.72	-0.72	-0.72	-0.72	-0.72					
692	Meters and Services		-0.65	-0.65	-0.65	-0.65	-0.65					
693	IT		-2.18	-2.18	-2.18	-2.18	-2.18					
694	SCADA & Communications		-0.29	-0.29	-0.29	-0.29	-0.29					
695	Other Distribution Non-Network		-2.00	-2.00	-2.00	-2.00	-2.00					
696	Distribution Land & Easements		-	-	-	-	-					
697	Equity Raising Costs		-	-	-	-	-					
698	Total		-13.89	-13.89	-13.89	-13.89	-13.89					
699	<b>[APROVED]2010 CAPEX Depreciation (\$M real 2017)</b>											
700	Wooden Pole Lines		-3.72	-3.72	-3.72	-3.72	-3.72					
701	Underground Cables		-2.18	-2.18	-2.18	-2.18	-2.18					
702	Transformers		-1.45	-1.45	-1.45	-1.45	-1.45					
703	Switchgear		-1.54	-1.54	-1.54	-1.54	-1.54					
704	Street lighting		-0.79	-0.79	-0.79	-0.79	-0.79					
705	Meters and Services		-0.72	-0.72	-0.72	-0.72	-0.72					
706	IT		-2.40	-2.40	-2.40	-2.40	-2.40					
707	SCADA & Communications		-0.32	-0.32	-0.32	-0.32	-0.32					
708	Other Distribution Non-Network		-2.20	-2.20	-2.20	-2.20	-2.20					
709	Distribution Land & Easements		-	-	-	-	-					
710	Equity Raising Costs		-	-	-	-	-					
711	Total		-15.32	-15.32	-15.32	-15.32	-15.32					
712	<b>[APROVED]2011 CAPEX Depreciation (\$M real 2012)</b>											
713	Wooden Pole Lines		-5.35	-5.35	-5.35	-5.35	-5.35					
714	Underground Cables		-1.60	-1.60	-1.60	-1.60	-1.60					
715	Transformers		-1.24	-1.24	-1.24	-1.24	-1.24					
716	Switchgear		-1.74	-1.74	-1.74	-1.74	-1.74					
717	Street lighting		-0.61	-0.61	-0.61	-0.61	-0.61					
718	Meters and Services		-0.67	-0.67	-0.67	-0.67	-0.67					
719	IT		-2.88	-2.88	-2.88	-2.88	-2.88					
720	SCADA & Communications		-0.49	-0.49	-0.49	-0.49	-0.49					
721	Other Distribution Non-Network		-2.24	-2.24	-2.24	-2.24	-2.24					
722	Distribution Land & Easements		-	-	-	-	-					
723	Equity Raising Costs		-	-	-	-	-					
724	Total		-16.80	-16.80	-16.80	-16.80	-16.80					

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
725	<b>[APPROVED]2011 CAPEX Depreciation (\$M real 2017)</b>											
726	Wooden Pole Lines		-5.90	-5.90	-5.90	-5.90	-5.90					
727	Underground Cables		-1.76	-1.76	-1.76	-1.76	-1.76					
728	Transformers		-1.36	-1.36	-1.36	-1.36	-1.36					
729	Switchgear		-1.92	-1.92	-1.92	-1.92	-1.92					
730	Street lighting		-0.67	-0.67	-0.67	-0.67	-0.67					
731	Meters and Services		-0.73	-0.73	-0.73	-0.73	-0.73					
732	IT		-3.17	-3.17	-3.17	-3.17	-3.17					
733	SCADA & Communications		-0.54	-0.54	-0.54	-0.54	-0.54					
734	Other Distribution Non-Network		-2.47	-2.47	-2.47	-2.47	-2.47					
735	Distribution Land & Easements		-	-	-	-	-					
736	Equity Raising Costs		-	-	-	-	-					
737	Total		-18.52	-18.52	-18.52	-18.52	-18.52					
738	<b>[APPROVED]2012 CAPEX Depreciation (\$M real 2012)</b>											
739	Wooden Pole Lines		-	-6.20	-6.20	-6.20	-6.20					
740	Underground Cables		-	-1.18	-1.18	-1.18	-1.18					
741	Transformers		-	-3.48	-3.48	-3.48	-3.48					
742	Switchgear		-	-1.84	-1.84	-1.84	-1.84					
743	Street lighting		-	-0.22	-0.22	-0.22	-0.22					
744	Meters and Services		-	-0.60	-0.60	-0.60	-0.60					
745	IT		-	-4.28	-4.28	-4.28	-4.28					
746	SCADA & Communications		-	-0.59	-0.59	-0.59	-0.59					
747	Other Distribution Non-Network		-	-2.01	-2.01	-2.01	-2.01					
748	Distribution Land & Easements		-	-	-	-	-					
749	Equity Raising Costs		-	-0.11	-0.11	-0.11	-0.11					
750	Total		-	-20.52	-20.52	-20.52	-20.52					
751	<b>[APPROVED]2012 CAPEX Depreciation (\$M real 2017)</b>											
752	Wooden Pole Lines		-	-6.84	-6.84	-6.84	-6.84					
753	Underground Cables		-	-1.30	-1.30	-1.30	-1.30					
754	Transformers		-	-3.83	-3.83	-3.83	-3.83					
755	Switchgear		-	-2.02	-2.02	-2.02	-2.02					
756	Street lighting		-	-0.24	-0.24	-0.24	-0.24					
757	Meters and Services		-	-0.67	-0.67	-0.67	-0.67					
758	IT		-	-4.72	-4.72	-4.72	-4.72					
759	SCADA & Communications		-	-0.65	-0.65	-0.65	-0.65					
760	Other Distribution Non-Network		-	-2.22	-2.22	-2.22	-2.22					
761	Distribution Land & Easements		-	-	-	-	-					
762	Equity Raising Costs		-	-0.13	-0.13	-0.13	-0.13					
763	Total		-	-22.62	-22.62	-22.62	-22.62					
764	<b>[APPROVED]2013 CAPEX Depreciation (\$M real 2012)</b>											
765	Wooden Pole Lines		-	-	-6.83	-6.83	-6.83					
766	Underground Cables		-	-	-1.14	-1.14	-1.14					
767	Transformers		-	-	-3.38	-3.38	-3.38					
768	Switchgear		-	-	-1.79	-1.79	-1.79					

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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		
769 Street lighting			-	-	-0.21	-0.21	-0.21					
770 Meters and Services			-	-	-2.41	-2.41	-2.41					
771 IT			-	-	-4.12	-4.12	-4.12					
772 SCADA & Communications			-	-	-1.45	-1.45	-1.45					
773 Other Distribution Non-Network			-	-	-1.97	-1.97	-1.97					
774 Distribution Land & Easements			-	-	-	-	-					
775 Equity Raising Costs			-	-	-0.10	-0.10	-0.10					
776 Total			-	-	-23.39	-23.39	-23.39					
777 <b>[APROVED]2013 CAPEX Depreciation (\$M real 2017)</b>												
778 Wooden Pole Lines			-	-	-7.53	-7.53	-7.53					
779 Underground Cables			-	-	-1.26	-1.26	-1.26					
780 Transformers			-	-	-3.72	-3.72	-3.72					
781 Switchgear			-	-	-1.98	-1.98	-1.98					
782 Street lighting			-	-	-0.23	-0.23	-0.23					
783 Meters and Services			-	-	-2.65	-2.65	-2.65					
784 IT			-	-	-4.55	-4.55	-4.55					
785 SCADA & Communications			-	-	-1.60	-1.60	-1.60					
786 Other Distribution Non-Network			-	-	-2.17	-2.17	-2.17					
787 Distribution Land & Easements			-	-	-	-	-					
788 Equity Raising Costs			-	-	-0.11	-0.11	-0.11					
789 Total			-	-	-25.79	-25.79	-25.79					
790 <b>[APROVED]2014 CAPEX Depreciation (\$M real 2012)</b>												
791 Wooden Pole Lines			-	-	-	-7.17	-7.17					
792 Underground Cables			-	-	-	-1.14	-1.14					
793 Transformers			-	-	-	-3.35	-3.35					
794 Switchgear			-	-	-	-1.79	-1.79					
795 Street lighting			-	-	-	-0.20	-0.20					
796 Meters and Services			-	-	-	-2.46	-2.46					
797 IT			-	-	-	-2.41	-2.41					
798 SCADA & Communications			-	-	-	-1.61	-1.61					
799 Other Distribution Non-Network			-	-	-	-1.36	-1.36					
800 Distribution Land & Easements			-	-	-	-	-					
801 Equity Raising Costs			-	-	-	-0.08	-0.08					
802 Total			-	-	-	-21.58	-21.58					
803 <b>[APROVED]2014 CAPEX Depreciation (\$M real 2017)</b>												
804 Wooden Pole Lines			-	-	-	-7.91	-7.91					
805 Underground Cables			-	-	-	-1.26	-1.26					
806 Transformers			-	-	-	-3.70	-3.70					
807 Switchgear			-	-	-	-1.98	-1.98					
808 Street lighting			-	-	-	-0.22	-0.22					
809 Meters and Services			-	-	-	-2.71	-2.71					
810 IT			-	-	-	-2.66	-2.66					
811 SCADA & Communications			-	-	-	-1.77	-1.77					
812 Other Distribution Non-Network			-	-	-	-1.50	-1.50					

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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						
813 Distribution Land & Easements			-	-	-	-	-						
814 Equity Raising Costs			-	-	-	-0.09	-0.09						
815 Total			-	-	-	-23.79	-23.79						
816 [APPROVED]2015 CAPEX Depreciation (\$M real 2012)													
817 Wooden Pole Lines			-	-	-	-	-7.15						
818 Underground Cables			-	-	-	-	-1.14						
819 Transformers			-	-	-	-	-3.14						
820 Switchgear			-	-	-	-	-1.59						
821 Street lighting			-	-	-	-	-0.18						
822 Meters and Services			-	-	-	-	-2.13						
823 IT			-	-	-	-	-2.52						
824 SCADA & Communications			-	-	-	-	-1.08						
825 Other Distribution Non-Network			-	-	-	-	-1.38						
826 Distribution Land & Easements			-	-	-	-	-						
827 Equity Raising Costs			-	-	-	-	-0.03						
828 Total			-	-	-	-	-20.34						
829 [APPROVED]2015 CAPEX Depreciation (\$M real 2017)													
830 Wooden Pole Lines			-	-	-	-	-7.88						
831 Underground Cables			-	-	-	-	-1.25						
832 Transformers			-	-	-	-	-3.47						
833 Switchgear			-	-	-	-	-1.75						
834 Street lighting			-	-	-	-	-0.20						
835 Meters and Services			-	-	-	-	-2.35						
836 IT			-	-	-	-	-2.78						
837 SCADA & Communications			-	-	-	-	-1.19						
838 Other Distribution Non-Network			-	-	-	-	-1.52						
839 Distribution Land & Easements			-	-	-	-	-						
840 Equity Raising Costs			-	-	-	-	-0.04						
841 Total			-	-	-	-	-22.42						
842 Accelerated Depreciation			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
843 [APPROVED] Accelerated Depreciation (Real \$m 2012)			Approved AA3 2012\$m										
844 Wooden Pole Lines			2.584	0.347	-	-	-						
845 Underground Cables			-	-	-	-	-						
846 Transformers			0.689	0.092	-	-	-						
847 Switchgear			0.172	0.023	-	-	-						
848 Street lighting			-	-	-	-	-						
849 Meters and Services			-	-	-	-	-						
850 IT			-	-	-	-	-						
851 SCADA & Communications			-	-	-	-	-						
852 Other Distribution Non-Network			-	-	-	-	-						
853 Distribution Land & Easements			-	-	-	-	-						
854 Equity Raising Costs			-	-	-	-	-						
855 Total			3.445	0.462	-	-	-						
856													



# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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						
857 <b>[APPROVED] Accelerated Depreciation (Real \$m 2017)</b>	<b>Approved AA3</b>											
858 Wooden Pole Lines	2.849	0.382	-	-	-							
859 Underground Cables	-	-	-	-	-							
860 Transformers	0.760	0.102	-	-	-							
861 Switchgear	0.190	0.025	-	-	-							
862 Street lighting	-	-	-	-	-							
863 Meters and Services	-	-	-	-	-							
864 IT	-	-	-	-	-							
865 SCADA & Communications	-	-	-	-	-							
866 Other Distribution Non-Network	-	-	-	-	-							
867 Distribution Land & Easements	-	-	-	-	-							
868 Equity Raising Costs	-	-	-	-	-							
869 Total	3.799	0.510	-	-	-							
870												
871 <b>[APPROVED] Accelerated Depreciation (\$M real 2017)</b>	<b>Approved AA3</b>					<b>Modelled AA4</b>						
872 Wooden Pole Lines	2.849	0.382	-	-	-	3.63	4.84	3.25				
873 Underground Cables	-	-	-	-	-							
874 Transformers	0.760	0.102	-	-	-	0.46	1.48	0.76				
875 Switchgear	0.190	0.025	-	-	-	0.28	0.57	0.36				
876 Street lighting	-	-	-	-	-							
877 Meters and Services	-	-	-	-	-							
878 IT	-	-	-	-	-							
879 SCADA & Communications	-	-	-	-	-							
880 Other Distribution Non-Network	-	-	-	-	-							
881 Distribution Land & Easements	-	-	-	-	-							
882 Equity Raising Costs	-	-	-	-	-							
883 Total	3.799	0.510	-	-	-							
884 Difference												
885 <b>Redundant Asset</b>	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
886 <b>[ACTUAL] Redundant Asset (\$M Nominal)</b>	<b>Actual AA3</b>											
887 Wooden Pole Lines		0.254	1.243	2.758								
888 Underground Cables												
889 Transformers												
890 Switchgear												
891 Street lighting												
892 Meters and Services												
893 IT												
894 SCADA & Communications												
895 Other Distribution Non-Network					0.356							
896 Distribution Land & Easements	0.862	0.031	3.546		0.264							
897 Equity Raising Costs												
898 Total	0.86	0.29	4.79	2.76	0.62							
899 <b>[ACTUAL] Redundant Asset (\$M real 2017)</b>	<b>Actual AA3</b>											
900 Wooden Pole Lines	-	0.266	1.280	2.811	-							

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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						
901	Underground Cables	-	-	-	-	-	-	-	-	-	-	-	
902	Transformers	-	-	-	-	-	-	-	-	-	-	-	
903	Switchgear	-	-	-	-	-	-	-	-	-	-	-	
904	Street lighting	-	-	-	-	-	-	-	-	-	-	-	
905	Meters and Services	-	-	-	-	-	-	-	-	-	-	-	
906	IT	-	-	-	-	-	-	-	-	-	-	-	
907	SCADA & Communications	-	-	-	-	-	-	-	-	-	-	-	
908	Other Distribution Non-Network	-	-	-	-	-	0.356	-	-	-	-	-	
909	Distribution Land & Easements	0.928	0.032	3.652	-	-	0.264	-	-	-	-	-	
910	Equity Raising Costs	-	-	-	-	-	-	-	-	-	-	-	
911	Total	0.928	0.298	4.932	2.811	0.620	-	-	-	-	-	-	
912	<b>Operating Expenditure</b>		<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	
913	<b>[APPROVED] OPEX</b>		<b>Approved AA3 real\$2012</b>										
914	Reliability		1.87	1.88	1.90	1.92	1.97						
915	SCADA & Communications		5.08	5.13	5.18	5.22	5.37						
916	Non-revenue cap services		-	-	-	-	-						
917	Network Operations		14.83	14.87	14.93	14.93	14.91						
918	Smartgrid		5.03	4.01	4.81	6.28	7.66						
919	Maintenance Strategy		-	-	-	-	-						
920	Preventive Condition		59.65	60.00	60.44	50.24	52.32						
921	Preventive Routine		44.83	46.71	47.19	47.60	48.85						
922	Corrective Deferred		31.41	31.70	32.04	32.32	33.18						
923	Corrective Emergency		74.06	74.65	75.35	75.95	78.08						
924	Call Centre		7.32	7.47	7.62	7.76	7.88						
925	Metering		20.32	20.72	21.14	21.49	21.86						
926	Guaranteed service level payments		1.71	1.71	1.70	1.69	1.68						
927	Design & Estimating - Distribution Quotations		4.20	4.19	4.31	4.30	4.30						
928	Business Support		67.46	67.31	66.61	68.87	69.40						
929	IT		-	-	-	-	-						
930	Non-recurring opex		10.56	11.44	4.58	4.72	4.85						
931	Total		348.33	351.79	347.81	343.29	352.29						
932	<b>[ACTUAL] OPEX (\$M Nominal)</b>		<b>Actual AA3</b>					<b>Modelled AA4</b>					
933	Reliability		1.718	1.433	1.781	1.957	1.452	1.396	1.403	1.431	1.520	1.547	
934	SCADA & Communications		4.623	4.702	5.399	5.632	5.541	2.664	2.678	2.731	2.900	2.952	
935	Non-revenue cap services		19.006	12.181	12.765	11.955	13.206	-	-	-	-	-	
936	Network Operations		17.633	14.969	16.420	16.041	14.845	14.735	15.051	15.371	15.686	15.997	
937	Smartgrid		3.707	2.197	0.005	-	-	-	-	-	-	-	
938	Maintenance Strategy		-	-	-	-	-	-	-	-	-	-	
939	Preventive Condition		59.119	47.425	47.166	40.534	25.265	24.740	24.870	25.366	26.935	27.419	
940	Preventive Routine		43.259	48.296	50.221	52.355	54.741	52.349	52.623	53.672	56.993	58.016	
941	Corrective Deferred		27.852	26.352	26.331	24.350	16.653	16.031	16.115	16.436	17.453	17.766	
942	Corrective Emergency		81.249	84.289	81.054	79.166	68.731	61.317	61.638	62.867	66.756	67.955	
943	Call Centre		7.165	5.344	4.274	3.708	3.866	3.946	4.031	4.117	4.201	4.284	
944	Metering		25.090	23.926	21.120	16.691	14.783	14.542	14.807	15.118	15.549	15.851	

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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						
945	Guaranteed service level payments	-	0.892	1.212	0.607	0.746	1.011	1.031	1.053	1.076	1.098	1.120	
946	Design & Estimating - Distribution Quotations		7.793	6.333	4.234	5.468	6.682	6.145	6.178	6.301	6.691	6.811	
947	Business Support		60.435	79.360	66.937	109.413	112.981	65.209	65.579	66.332	65.177	62.456	
948	IT		-	-	-	-	-	-	-	-	-	-	
949	Non-recurring opex		16.547	13.386	12.653	10.014	11.371	12.296	12.360	12.607	13.386	13.627	
950	Total		374.30	371.41	350.97	378.03	351.13	276.401	278.386	283.425	294.345	295.801	
951													
952	<b>[APPROVED] OPEX (\$M real 30/06/2017)</b>		<b>Approved AA3</b>										
953	Reliability		2.06	2.07	2.10	2.11	2.17						
954	SCADA & Communications		5.61	5.66	5.71	5.76	5.92						
955	Non-revenue cap services		-	-	-	-	-						
956	Network Operations		16.35	16.40	16.46	16.46	16.44						
957	Smartgrid		5.54	4.42	5.30	6.92	8.44						
958	Maintenance Strategy		-	-	-	-	-						
959	Preventive Condition		65.77	66.16	66.64	55.40	57.68						
960	Preventive Routine		49.43	51.50	52.03	52.49	53.86						
961	Corrective Deferred		34.63	34.95	35.32	35.64	36.58						
962	Corrective Emergency		81.66	82.31	83.08	83.74	86.09						
963	Call Centre		8.07	8.23	8.41	8.55	8.69						
964	Metering		22.41	22.85	23.31	23.70	24.10						
965	Guaranteed service level payments		1.89	1.88	1.88	1.87	1.85						
966	Design & Estimating - Distribution Quotations		4.63	4.62	4.75	4.74	4.74						
967	Business Support		74.39	74.22	73.45	75.93	76.52						
968	IT		-	-	-	-	-						
969	Non-recurring opex		11.64	12.62	5.05	5.20	5.34						
970	Total		384.06	387.88	383.49	378.51	388.43						
971	<b>[ACTUAL] OPEX (\$M real 30/06/2017)</b>		<b>Actual AA3</b>					<b>Modelled AA4</b>					
972	Reliability		1.85	1.50	1.83	1.99	1.45	1.37	1.35	1.36	1.41	1.41	
973	SCADA & Communications		4.98	4.92	5.56	5.74	5.54	2.62	2.58	2.59	2.70	2.70	
974	Non-revenue cap services		20.47	12.73	13.14	12.19	13.21	-	-	-	-	-	
975	Network Operations		18.99	15.65	16.91	16.35	14.85	14.47	14.51	14.55	14.58	14.60	
976	Smartgrid		3.99	2.30	0.01	-	-	-	-	-	-	-	
977	Maintenance Strategy		-	-	-	-	-	-	-	-	-	-	
978	Preventive Condition		63.66	49.57	48.57	41.32	25.27	24.29	23.98	24.02	25.04	25.03	
979	Preventive Routine		46.58	50.49	51.72	53.37	54.74	51.40	50.74	50.82	52.98	52.96	
980	Corrective Deferred		29.99	27.55	27.11	24.82	16.65	15.74	15.54	15.56	16.23	16.22	
981	Corrective Emergency		87.49	88.11	83.47	80.70	68.73	60.21	59.43	59.52	62.06	62.03	
982	Call Centre		7.72	5.59	4.40	3.78	3.87	3.88	3.89	3.90	3.91	3.91	
983	Metering		27.02	25.01	21.75	17.01	14.78	14.28	14.28	14.31	14.46	14.47	
984	Guaranteed service level payments	-	0.96	1.27	0.63	0.76	1.01	1.01	1.02	1.02	1.02	1.02	
985	Design & Estimating - Distribution Quotations		8.39	6.62	4.36	5.57	6.68	6.03	5.96	5.97	6.22	6.22	
986	Business Support		65.08	82.96	68.93	111.53	112.98	64.03	63.23	62.80	60.59	57.01	
987	IT		-	-	-	-	-	-	-	-	-	-	

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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					
988 Non-recurring opex			17.82	13.99	13.03	10.21	11.37	12.07	11.92	11.94	12.44	12.44
989 Total			403.07	388.24	361.41	385.34	351.13	271.41	268.42	268.34	273.64	270.03
<b>Deferred Revenue</b>												
991 Deferred Revenue (\$M real 30/06/2012) at the beginning of AA3												
992 Deferred Revenue (\$M real 30/06/2017)												
993 Recovery period (year)												
<b>Working Capital</b>												
995 Receivables												
996 TEF												
997 Inventory												
998 Prepayment												
999 Creditors												
1000 2017 Closing Balance (\$M Real 30/06/2012)												
1001 2017 Closing Balance (\$M Real 30/06/2017)												
1002 <b>Tarriff Equalisation Contribution (TEC)</b>			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
1003	<b>Approved AA3</b>											
1004 Approved TEC (real\$ M 30/06/2017)			150.833	200.491	208.581	168.402	164.939					
1005	<b>Actual AA3</b>											
1006 TEC (\$M Nominal)			154.000	209.000	136.000	141.000	150.000	167.000	198.000	162.000	157.000	161.000
1007	<b>Proposed AA4</b>											
1008 <b>Energy Transported (GWh)</b>			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
1009	<b>Actual AA3</b>											
1010 Actual/Forecasted			13,639	13,665	13,456	13,860	13,769	13,691	13,656	13,505	13,276	13,083
	<b>Proposed AA4</b>											

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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 <b>AA1 WP's Forecasted Inflation</b>												
8 June CPI												
9 Forecast Annual Inflation												
10 Inflation Factor												
11 <b>AA2 Actual and WP's Forecasted Inflation</b>												
12 June CPI												
13 Actual & Forecast Annual Inflation												
14 Inflation Factor												
15 <b>AA3 Actual and WP's Forecasted Inflation</b>												
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 <b>AA4 Actual and Forecasted Inflation</b>												
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 <b>Initial Capital Base</b>												
25 <b>Transmission</b>												
40 <b>Asset Allocation</b>												
93 <b>Capital Expenditure</b>			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
94 <b>[APPROVED] Capex by Regulatory category (\$M Real)</b>												
95 <b>Growth</b>			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 <b>Asset replacement and renewal</b>												
101 Asset Replacement			30.38	33.22	33.62	33.94	35.77					
102 <b>Improvement in service</b>												
103 Reliability Driven			-	-	-	-	-					
104 SCADA & Communications			14.05	11.94	13.06	18.71	18.66					
105 <b>Compliance</b>												
106 Safety, Environmental & Statutory			17.91	19.57	24.61	30.15	30.69					
107 <b>Corporate</b>												
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					
112 <b>[ACTUAL] Capex by Regulatory category (\$M Nominal)</b>												
113 <b>Growth</b>				Actual AA3				Proposed AA4 (\$ Nominal)				
114 Capacity Expansion			113.77	206.21	87.85	27.30	31.28	26.15	23.56	2.86	3.73	0.43

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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					
115	Customer Driven		37.63	40.31	-	17.37	5.06	6.47	23.53	23.77	24.41	26.09	26.79
116	Generation Driven		-	-	-	-	-	-	-	-	-	-	-
117	Gifted Assets		-	-	-	-	-	-	-	-	-	-	-
118	<b>Asset replacement and renewal</b>												
119	Asset Replacement		26.03	42.59	37.76	40.73	33.36	30.75	61.88	56.55	50.46	62.11	
120	<b>Improvement in service</b>												
121	Reliability Driven		1.22	0.27	0.19	-	-	-	-	-	-	-	-
122	SCADA & Communications		5.67	10.50	12.73	16.46	11.46	9.35	16.14	19.14	18.14	14.38	
123	<b>Compliance</b>												
124	Safety, Environmental & Statutory		20.82	18.79	25.40	22.26	21.04	27.09	40.94	39.89	34.34	35.81	
125	<b>Corporate</b>												
126	IT		9.44	6.41	9.26	5.17	12.33	14.34	15.71	13.57	10.08	7.74	
127	Business Support		10.92	1.80	5.13	7.03	2.27	8.31	15.32	41.93	4.05	3.45	
128	Equity Raising Costs		0.47	1.82	0.35	0.67	1.20	-	-	-	-	-	
129	Total		225.97	328.70	161.30	124.68	119.39	139.52	197.32	198.35	146.90	150.71	
130	<b>[APPROVED] Capex by Regulatory category (\$M Real at 30/06/2017)</b>												
131	<b>Growth</b>		Approved AA3										
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	<b>Asset replacement and renewal</b>												
137	Asset Replacement		33.50	36.62	37.07	37.42	39.44						
138	<b>Improvement in service</b>												
139	Reliability Driven		-	-	-	-	-						
140	SCADA & Communications		15.49	13.17	14.40	20.62	20.58						
141	<b>Compliance</b>												
142	Safety, Environmental & Statutory		19.75	21.58	27.13	33.25	33.84						
143	<b>Corporate</b>												
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	<b>[ACTUAL] Capex by Regulatory category (\$M Real at 30/06/2017)</b>												
149	<b>Growth</b>		Actual AA3 (\$M Real at 30/06/2017)					Modelled AA4					
150	Capacity Expansion		109.47	215.55	90.46	27.83	31.28	25.67	22.72	2.71	3.47	0.40	
151	Customer Driven		39.64	42.00	-	19.77	5.11	6.47	23.11	22.92	23.11	24.26	24.45
152	Generation Driven		-	-	-	-	-	-	-	-	-	-	
153	Gifted Assets		-	-	-	-	-	-	-	-	-	-	
154	<b>Asset replacement and renewal</b>												
155	Asset Replacement		28.03	44.52	38.89	41.51	33.36	30.20	59.66	53.54	46.91	56.70	
156	<b>Improvement in service</b>												
157	Reliability Driven		1.31	0.28	0.19	-	-	-	-	-	-	-	

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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					
158	SCADA & Communications		6.11	10.98	13.10	16.78	11.46	9.18	15.56	18.12	16.87	13.12	
159	Compliance		-	-	-	-	-	-	-	-	-	-	
160	Safety, Environmental & Statutory		22.42	19.64	26.16	22.69	21.04	26.60	39.48	37.77	31.93	32.69	
161	Corporate		-	-	-	-	-	-	-	-	-	-	
162	IT		10.17	6.70	9.54	5.27	12.33	14.08	15.15	12.85	9.37	7.07	
163	Business Support		10.80	1.89	5.29	5.47	2.27	8.16	14.77	39.70	3.77	3.15	
164	Equity Raising Costs		0.55	1.90	0.36	0.69	1.20	-	-	-	-	-	
165	Total		228.49	343.46	164.22	125.37	119.39	137.00	190.26	187.80	136.57	137.57	
166	<b>[APPROVED] Capex by asset class (\$M Real at 30/06/2017) including gift</b>		<b>Approved AA3</b>										
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	<b>[ACTUAL] Capex by asset class (\$M Real at 30/06/2017) including gifted</b>		<b>Actual AA3</b>					<b>Modelled AA4</b>					
182	Transmission cables		17.36	31.22	10.03	4.01	4.56	5.20	4.81	2.25	2.44	2.06	
183	Transmission steel towers		12.68	21.56	5.51	2.75	3.16	4.28	4.02	2.41	2.58	2.35	
184	Transmission wood poles		27.26	29.18	30.16	23.92	22.42	27.74	40.48	37.89	32.08	32.70	
185	Transmission Metering		-	-	-	-	-	-	-	-	-	-	
186	Transmission transformers		64.67	108.25	44.29	35.22	31.89	34.14	50.75	40.95	37.64	42.60	
187	Transmission reactors		6.68	12.38	6.67	4.21	3.76	3.29	5.32	4.03	3.57	4.16	
188	Transmission capacitors		4.54	7.90	2.24	1.01	1.16	1.46	1.36	0.75	0.80	0.72	
189	Transmission circuit breakers		27.74	43.87	17.58	17.41	15.32	17.07	26.47	22.56	20.68	23.65	
190	SCADA and Communications		6.11	10.98	13.10	16.78	11.46	9.18	15.56	18.12	16.87	13.12	
191	IT		10.17	6.70	9.54	5.27	12.33	14.08	15.15	12.85	9.37	7.07	
192	Other Non-Network Assets		10.80	1.89	5.29	5.47	2.27	4.89	8.86	23.82	2.26	1.89	
193	Land & Easements		38.62	67.35	19.25	8.62	9.86	15.65	17.47	22.17	8.28	7.26	
194	Equity Raising Costs		0.55	1.90	0.36	0.69	1.20	-	-	-	-	-	
195	Total		227.18	343.18	164.02	125.37	119.39	137.00	190.26	187.80	136.57	137.57	
196	<b>Capex Adjustment</b>		<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	
259													
260	<b>[ACTUAL] Post -Adjustment CAPEX by regulatory categories (\$M real 30/06/2017)</b>		<b>Actual AA3</b>					<b>Proposed AA4 (Post Adjusted Capex)</b>					
261	<b>Growth</b>												
262	Capacity Expansion		109.47	215.55	90.46	27.83	31.28	25.67	22.72	2.71	3.47	0.40	

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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						
263	Customer Driven		39.64	42.00	-19.77	5.11	6.47	23.11	22.92	23.11	24.26	24.45
264	Generation Driven		-	-	-	-	-	-	-	-	-	-
265	Gifted Assets		-	-	-	-	-	-	-	-	-	-
266	<b>Asset replacement and renewal</b>		-	-	-	-	-	-	-	-	-	-
267	Asset Replacement		28.03	44.52	38.89	41.51	33.36	30.20	59.66	53.54	46.91	56.70
268	<b>Improvement in service</b>		-	-	-	-	-	-	-	-	-	-
269	Reliability Driven		1.31	0.28	0.19	-	-	-	-	-	-	-
270	SCADA & Communications		6.11	10.98	13.10	16.78	11.46	9.18	15.56	18.12	16.87	13.12
271	<b>Compliance</b>		-	-	-	-	-	-	-	-	-	-
272	Safety, Environmental & Statutory		22.42	19.64	26.16	22.69	21.04	26.60	39.48	37.77	31.93	32.69
273	<b>Corporate</b>		-	-	-	-	-	-	-	-	-	-
274	IT		10.17	6.70	9.54	5.27	12.33	14.08	15.15	12.85	9.37	7.07
275	Business Support		10.80	1.89	5.29	5.47	2.27	8.16	14.77	39.70	3.77	3.15
276	Equity Raising Costs		0.55	1.90	0.36	0.69	1.20	-	-	-	-	-
277	Total		228.49	343.46	164.22	125.37	119.39	137.00	190.26	187.80	136.57	137.57
278	<b>[ACTUAL] Post -Adjustment CAPEX by asset class (\$M real 30/06/2017) i</b>				<b>Actual AA3</b>			<b>Proposed AA4 (Post Adjusted Capex)</b>				
279	Transmission cables		17.36	31.22	10.03	4.01	4.56	5.20	4.81	2.25	2.44	2.06
280	Transmission steel towers		12.68	21.56	5.51	2.75	3.16	4.28	4.02	2.41	2.58	2.35
281	Transmission wood poles		28.37	29.42	30.32	23.92	22.42	27.74	40.48	37.89	32.08	32.70
282	Transmission metering		-	-	-	-	-	-	-	-	-	-
283	Transmission transformers		64.67	108.25	44.29	35.22	31.89	34.14	50.75	40.95	37.64	42.60
284	Transmission reactors		6.68	12.38	6.67	4.21	3.76	3.29	5.32	4.03	3.57	4.16
285	Transmission capacitors		4.54	7.90	2.24	1.01	1.16	1.46	1.36	0.75	0.80	0.72
286	Transmission circuit breakers		27.94	43.91	17.61	17.41	15.32	17.07	26.47	22.56	20.68	23.65
287	SCADA and communications		6.11	10.98	13.10	16.78	11.46	9.18	15.56	18.12	16.87	13.12
288	IT		10.17	6.70	9.54	5.27	12.33	14.08	15.15	12.85	9.37	7.07
289	Other non-network assets		6.48	1.13	3.17	3.28	1.36	4.89	8.86	23.82	2.26	1.89
290	Land & Easements		42.94	68.11	21.36	10.81	10.77	15.65	17.47	22.17	8.28	7.26
291	Equity raising costs		0.55	1.90	0.36	0.69	1.20	-	-	-	-	-
292	Total		228.49	343.46	164.22	125.37	119.39	137.00	190.26	187.80	136.57	137.57
293												
294	<b>Prior period capital expenditure that now satisfies NFIT</b>				<b>Actual AA3</b>			<b>Proposed AA4 (Post Adjusted Capex)</b>				
295	Capital expenditure that now satisfies NFIT [\$M real as at 30 June 2010]											
296	Capital expenditure that now satisfies NFIT [\$M real as at 30 June 2017]											
297												
298	<b>Growth</b>											
299	Capacity Expansion											
300	Customer Driven											
301	Generation Driven											
302	Gifted Assets											
303	<b>Asset replacement and renewal</b>											
304	Asset Replacement											
305	<b>Improvement in service</b>											
306	Reliability Driven											



# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
307	SCADA & Communications											
308	<b>Compliance</b>											
309	Safety, Environmental & Statutory											
310	<b>Corporate</b>											
311	IT											
312	Business Support											
313	Equity Raising Costs											
314	Total											
315			<i>2010 NFIT adjustment applied in year 2012</i>									
316	Transmission cables		0.104	0.122								
317	Transmission steel towers		1.892	2.292								
318	Transmission wood poles		0.340	0.392								
319	Transmission Metering		-	-								
320	Transmission transformers		1.048	1.240								
321	Transmission reactors		0.070	0.083								
322	Transmission capacitors		0.451	0.536								
323	Transmission circuit breakers		1.283	1.473								
324	SCADA and Communications		0.115	0.136								
325	IT		0.132	0.168								
326	Other Non-Network Assets		0.157	0.168								
327	Land & Easements		0.520	0.610								
328	Equity Raising Costs		-	-								
329	Total Transmission		6.112	7.220								
330												
331	<b>Gifted Asset</b>		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
332	<b>[APPROVED] Gifted Assets (\$M real 2012)</b>		<b>Approved AA3</b>									
333	Transmission cables											
334	Transmission steel towers											
335	Transmission wood poles											
336	Transmission metering											
337	Transmission transformers											
338	Transmission reactors											
339	Transmission capacitors											
340	Transmission circuit breakers											
341	SCADA and communications											
342	IT											
343	Other non-network assets											
344	Land & Easements											
345	Equity raising costs											
346	Total											
347	<b>[ACTUAL] Gifted Assets (\$Nominal)</b>		<b>Actual AA3</b>									
348	Transmission cables		-	-	-	-	-					
349	Transmission steel towers		-	-	-	-	-					
350	Transmission wood poles		-	-	-	-	-					

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
351	Transmission metering		-	-	-	-	-					
352	Transmission transformers		-	-	-	-	-					
353	Transmission reactors		-	-	-	-	-					
354	Transmission capacitors		-	-	-	-	-					
355	Transmission circuit breakers		-	-	-	-	-					
356	SCADA and communications		-	-	-	-	-					
357	IT		-	-	-	-	-					
358	Other non-network assets		-	-	-	-	-					
359	Land & Easements		-	-	-	-	-					
360	Equity raising costs		-	-	-	-	-					
361	Total		-	-	-	-	-					
362	<b>[APPROVED]Gifted Assets (\$M real 30/06/2017)</b>		<b>Approved AA3</b>									
363	Transmission cables		-	-	-	-	-					
364	Transmission steel towers		-	-	-	-	-					
365	Transmission wood poles		-	-	-	-	-					
366	Transmission metering		-	-	-	-	-					
367	Transmission transformers		-	-	-	-	-					
368	Transmission reactors		-	-	-	-	-					
369	Transmission capacitors		-	-	-	-	-					
370	Transmission circuit breakers		-	-	-	-	-					
371	SCADA and communications		-	-	-	-	-					
372	IT		-	-	-	-	-					
373	Other non-network assets		-	-	-	-	-					
374	Land & Easements		-	-	-	-	-					
375	Equity raising costs		-	-	-	-	-					
376	Total		-	-	-	-	-					
377	<b>[ACTUAL]Gifted Assets (\$M real 30/06/2017)</b>		<b>Actual AA3</b>					<b>Proposed AA4</b>				
378	Transmission cables		-	-	-	-	-	-	-	-	-	-
379	Transmission steel towers		-	-	-	-	-	-	-	-	-	-
380	Transmission wood poles		-	-	-	-	-	-	-	-	-	-
381	Transmission metering		-	-	-	-	-	-	-	-	-	-
382	Transmission transformers		-	-	-	-	-	-	-	-	-	-
383	Transmission reactors		-	-	-	-	-	-	-	-	-	-
384	Transmission capacitors		-	-	-	-	-	-	-	-	-	-
385	Transmission circuit breakers		-	-	-	-	-	-	-	-	-	-
386	SCADA and communications		-	-	-	-	-	-	-	-	-	-
387	IT		-	-	-	-	-	-	-	-	-	-
388	Other non-network assets		-	-	-	-	-	-	-	-	-	-
389	Land & Easements		-	-	-	-	-	-	-	-	-	-
390	Equity raising costs		-	-	-	-	-	-	-	-	-	-
391	Total		-	-	-	-	-	-	-	-	-	-
392	<b>Owners Capex</b>		<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
393	<b>[APPROVED]Owner's capex</b>		<b>Approved AA3</b>									
394	Transmission cables											

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
395	Transmission steel towers											
396	Transmission wood poles											
397	Transmission metering											
398	Transmission transformers											
399	Transmission reactors											
400	Transmission capacitors											
401	Transmission circuit breakers											
402	SCADA and communications											
403	IT											
404	Other non-network assets											
405	Land & Easements											
406	Equity raising costs											
407	Total											
408	<b>[APPROVED]Owner's capex</b>		<b>Approved AA3</b>									
409	Transmission cables		30.42	43.77	23.82	25.25	36.87					
410	Transmission steel towers		20.85	30.45	17.84	18.77	26.18					
411	Transmission wood poles		29.16	34.81	33.50	40.08	44.64					
412	Transmission metering		-	-	-	-	-					
413	Transmission transformers		99.02	137.19	89.52	93.25	122.59					
414	Transmission reactors		11.44	15.33	8.79	9.27	13.22					
415	Transmission capacitors		7.67	11.13	6.32	6.67	9.49					
416	Transmission circuit breakers		38.97	53.72	39.04	40.30	49.79					
417	SCADA and communications		15.49	13.17	14.40	20.62	20.58					
418	IT		17.10	16.46	9.63	10.06	10.21					
419	Other non-network assets		13.61	13.30	9.21	9.30	7.67					
420	Land & Easements		65.38	94.82	53.74	56.73	80.75					
421	Equity raising costs		0.85	2.54	0.48	1.52	3.81					
422	Total		349.96	466.70	306.29	331.83	425.79					
423	<b>[ACTUAL]Owner's capex (\$M real 2017) i.e. post-adjusted actual capex -</b>		<b>Actual AA3</b>					<b>Modelled AA4</b>				
424	Transmission cables		17.36	31.22	10.03	4.01	4.56	5.20	4.81	2.25	2.44	2.06
425	Transmission steel towers		12.68	21.56	5.51	2.75	3.16	4.28	4.02	2.41	2.58	2.35
426	Transmission wood poles		28.37	29.42	30.32	23.92	22.42	27.74	40.48	37.89	32.08	32.70
427	Transmission metering		-	-	-	-	-	-	-	-	-	-
428	Transmission transformers		64.67	108.25	44.29	35.22	31.89	34.14	50.75	40.95	37.64	42.60
429	Transmission reactors		6.68	12.38	6.67	4.21	3.76	3.29	5.32	4.03	3.57	4.16
430	Transmission capacitors		4.54	7.90	2.24	1.01	1.16	1.46	1.36	0.75	0.80	0.72
431	Transmission circuit breakers		27.94	43.91	17.61	17.41	15.32	17.07	26.47	22.56	20.68	23.65
432	SCADA and communications		6.11	10.98	13.10	16.78	11.46	9.18	15.56	18.12	16.87	13.12
433	IT		10.17	6.70	9.54	5.27	12.33	14.08	15.15	12.85	9.37	7.07
434	Other non-network assets		6.48	1.13	3.17	3.28	1.36	4.89	8.86	23.82	2.26	1.89
435	Land & Easements		42.94	68.11	21.36	10.81	10.77	15.65	17.47	22.17	8.28	7.26
436	Equity raising costs		0.55	1.90	0.36	0.69	1.20	-	-	-	-	-
437	Total		228.49	343.46	164.22	125.37	119.39	137.00	190.26	187.80	136.57	137.57
438												

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
439	Cash Contributions		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
440	[APPROVED]Cash Contributions (\$M real)												
441	<b>Growth</b>		Approved AA3 (real\$2012)										
442	Capacity Expansion		-	-	-	-	-						
443	Customer Driven		22.378	38.349	38.831	39.239	39.688						
444	Generation Driven		-	-	-	-	-						
445	Gifted Assets		-	-	-	-	-						
446	<b>Asset replacement and renewal</b>												
447	Asset Replacement		-	-	-	-	-						
448	<b>Improvement in service</b>												
449	Reliability Driven		-	-	-	-	-						
450	SCADA & Communications		-	-	-	-	-						
451	<b>Compliance</b>												
452	Safety, Environmental & Statutory		-	-	-	-	-						
453	<b>Corporate</b>												
454	IT		-	-	-	-	-						
455	Business Support		-	-	-	-	-						
456	Equity raising costs		-	-	-	-	-						
457	Total Transmission		22.378	38.349	38.831	39.239	39.688						
458	[ACTUAL]Cash Contributions (\$M OD)												
459	<b>Growth</b>		Actual AA3										
460	Capacity Expansion		-	0.014	-	0.030	0.013	-	-	0.033			
461	Customer Driven		17.951	1.593	4.871	5.367	15.408						
462	Generation Driven		-	-	-	-	-						
463	Gifted Assets		-	-	-	-	-						
464	<b>Asset replacement and renewal</b>												
465	Asset Replacement		0.045	-	-	0.013	-	-	-				
466	<b>Improvement in service</b>												
467	Reliability Driven		-	-	-	-	-						
468	SCADA & Communications		0.006	-	0.001	-	-	-	0.054				
469	<b>Compliance</b>												
470	Safety, Environmental & Statutory		-	0.178	0.188	-	-	-	-				
471	<b>Corporate</b>												
472	IT		-	-	-	-	-						
473	Business Support		-	-	-	-	-						
474	Equity raising costs		-	-	-	-	-						
475	Total Transmission		17.810	1.751	4.872	5.367	15.321						
476	[APPROVED]Cash Contributions (\$M real 30/06/2017)												
477	<b>Growth</b>		Approved AA3										
478	Capacity Expansion		-	-	-	-	-						
479	Customer Driven		24.67	42.28	42.81	43.26	43.76						
480	Generation Driven		-	-	-	-	-						
481	Gifted Assets		-	-	-	-	-						
482	<b>Asset replacement and renewal</b>												

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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					
483	Asset Replacement	-	-	-	-	-	-	-	-	-	-	-	
484	<b>Improvement in service</b>												
485	Reliability Driven	-	-	-	-	-	-	-	-	-	-	-	
486	SCADA & Communications	-	-	-	-	-	-	-	-	-	-	-	
487	<b>Compliance</b>												
488	Safety, Environmental & Statutory	-	-	-	-	-	-	-	-	-	-	-	
489	<b>Corporate</b>												
490	IT	-	-	-	-	-	-	-	-	-	-	-	
491	Business Support	-	-	-	-	-	-	-	-	-	-	-	
492	Equity raising costs	-	-	-	-	-	-	-	-	-	-	-	
493	Total Transmission	24.67	42.28	42.81	43.26	43.76							
494	<b>[ACTUAL]Cash Contributions (\$M real 30/06/2017)</b>												
495	<b>Growth</b>			<b>Actual AA3</b>				<b>Modelled AA4</b>					
496	Capacity Expansion	-0.02	-0.03	0.01	-	-0.03	-	-	-	-	-	-	
497	Customer Driven	19.33	1.67	5.02	5.47	15.41	13.06	12.95	13.06	13.71	13.82		
498	Generation Driven	-	-	-	-	-	-	-	-	-	-	-	
499	Gifted Assets	-	-	-	-	-	-	-	-	-	-	-	
500	<b>Asset replacement and renewal</b>												
501	Asset Replacement	0.05	-	-0.01	-	-	-	-	-	-	-	-	
502	<b>Improvement in service</b>												
503	Reliability Driven	-	-	-	-	-	-	-	-	-	-	-	
504	SCADA & Communications	0.01	-	0.00	-	-0.05	-	-	-	-	-	-	
505	<b>Compliance</b>												
506	Safety, Environmental & Statutory	-0.19	0.20	-	-	-	-	-	-	-	-	-	
507	<b>Corporate</b>												
508	IT	-	-	-	-	-	-	-	-	-	-	-	
509	Business Support	-	-	-	-	-	-	-	-	-	-	-	
510	Equity raising costs	-	-	-	-	-	-	-	-	-	-	-	
511	Total Transmission	19.18	1.83	5.02	5.47	15.32	13.06	12.95	13.06	13.71	13.82		
512	<b>[APPROVED] Cash Contributions by asset class(\$M real 30/06/2017)</b>			<b>Approved AA3</b>									
513	Transmission cables	2.03	3.47	3.51	3.55	3.59							
514	Transmission steel towers	2.34	4.00	4.05	4.10	4.14							
515	Transmission wood poles	-	-	-	-	-							
516	Transmission metering	-	-	-	-	-							
517	Transmission transformers	8.71	14.92	15.11	15.27	15.44							
518	Transmission reactors	-	-	-	-	-							
519	Transmission capacitors	0.71	1.22	1.23	1.24	1.26							
520	Transmission circuit breakers	4.95	8.48	8.58	8.67	8.77							
521	SCADA and communications	-	-	-	-	-							
522	IT	-	-	-	-	-							
523	Other non-network assets	-	-	-	-	-							
524	Land & Easements	5.95	10.19	10.32	10.43	10.55							
525	Equity raising costs	-	-	-	-	-							
526	Total	24.67	42.28	42.81	43.26	43.76							

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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					
527	<b>[ACTUAL] Cash Contributions by asset class(\$M real 30/06/2017)</b>		<b>Actual AA3</b>					<b>Modelled AA4</b>					
528	Transmission cables		1.58	0.13	0.41	0.45	1.26	1.07	1.06	1.07	1.13	1.13	
529	Transmission steel towers		1.83	0.16	0.48	0.52	1.46	1.24	1.23	1.24	1.30	1.31	
530	Transmission wood poles		-0.19	0.20	0.00	-	-0.00	-	-	-	-	-	
531	Transmission metering		-	-	-	-	-	-	-	-	-	-	
532	Transmission transformers		6.85	0.58	1.77	1.93	5.43	4.61	4.57	4.61	4.84	4.88	
533	Transmission reactors		0.00	-0.00	-0.00	-	-0.00	-	-	-	-	-	
534	Transmission capacitors		0.56	0.05	0.14	0.16	0.44	0.38	0.37	0.38	0.39	0.40	
535	Transmission circuit breakers		3.89	0.33	1.00	1.10	3.09	2.62	2.60	2.62	2.75	2.77	
536	SCADA and communications		0.01	-	0.00	-	-0.05	-	-	-	-	-	
537	IT		-	-	-	-	-	-	-	-	-	-	
538	Other non-network assets		-	-	-	-	-	-	-	-	-	-	
539	Land & Easements		4.66	0.39	1.21	1.32	3.71	3.15	3.12	3.15	3.30	3.33	
540	Equity raising costs		-	-	-	-	-	-	-	-	-	-	
541	Total		19.18	1.83	5.02	5.47	15.32	13.06	12.95	13.06	13.71	13.82	
542													
543	<b>Approved ICB Depreciation</b>		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
544	<b>[APPROVED] ICB Depreciation (\$M real 2012)</b>		<b>Approved AA3</b>										
545	Transmission cables		-0.37	-0.37	-0.37	-0.37	-0.37						
546	Transmission steel towers		-10.34	-10.34	-10.34	-10.34	-10.34						
547	Transmission wood poles		-9.66	-9.66	-9.66	-9.66	-9.66						
548	Transmission metering		-0.10	-0.10	-0.10	-0.10	-0.10						
549	Transmission transformers		-7.10	-7.10	-7.10	-7.10	-7.10						
550	Transmission reactors		-0.17	-0.17	-0.17	-0.17	-0.17						
551	Transmission capacitors		-3.86	-3.86	-3.86	-3.86	-3.86						
552	Transmission circuit breakers		-18.87	-18.87	-18.87	-18.87	-18.87						
553	SCADA and communications		-3.48	-3.48	-3.48	-3.48	-3.48						
554	IT		-0.00	-	-	-	-						
555	Other non-network assets		-2.39	-2.39	-2.39	-2.39	-2.39						
556	Land & Easements		-	-	-	-	-						
557	Equity raising costs		-	-	-	-	-						
558	Total		-56.34	-56.34	-56.34	-56.34	-56.34						
559	<b>[APPROVED]ICB Depreciation (\$M real 2017)</b>												
560	Transmission cables		-0.41	-0.41	-0.41	-0.41	-0.41						
561	Transmission steel towers		-11.40	-11.40	-11.40	-11.40	-11.40						
562	Transmission wood poles		-10.65	-10.65	-10.65	-10.65	-10.65						
563	Transmission metering		-0.11	-0.11	-0.11	-0.11	-0.11						
564	Transmission transformers		-7.83	-7.83	-7.83	-7.83	-7.83						
565	Transmission reactors		-0.19	-0.19	-0.19	-0.19	-0.19						
566	Transmission capacitors		-4.26	-4.26	-4.26	-4.26	-4.26						
567	Transmission circuit breakers		-20.81	-20.81	-20.81	-20.81	-20.81						
568	SCADA and communications		-3.83	-3.83	-3.83	-3.83	-3.83						
569	IT		-0.00	-	-	-	-						
570	Other non-network assets		-2.63	-2.63	-2.63	-2.63	-2.63						

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
571	Land & Easements		-	-	-	-	-						
572	Equity raising costs		-	-	-	-	-						
573	Total		-62.12	-62.12	-62.12	-62.12	-62.12						
574	Approved TAX ICB Depreciation		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
575	[APPROVED] TAX ICB Depreciation (\$M Nominal)		Approved AA3										
576	Transmission cables		-37.26	-37.30	-36.98	-36.88	-36.85						
577	Transmission steel towers		-0.28	-1.28	-1.27	-1.27	-1.28						
578	Transmission wood poles		-0.04	-0.20	-0.20	-0.20	-0.20						
579	Transmission metering		-	-	-	-	-						
580	Transmission transformers		-3.35	-3.98	-3.96	-3.95	-3.97						
581	Transmission reactors		-0.01	-0.05	-0.05	-0.05	-0.05						
582	Transmission capacitors		-0.09	-0.33	-0.33	-0.33	-0.33						
583	Transmission circuit breakers		-0.15	-0.61	-0.61	-0.61	-0.61						
584	SCADA and communications		-6.29	-7.27	-6.59	-6.26	-6.10						
585	IT		-1.30	-4.86	-4.79	-4.78	-3.04						
586	Other non-network assets		-16.06	-10.51	-8.78	-8.60	-8.44						
587	Land & Easements		-	-	-	-	-						
588	Equity raising costs		-	-	-	-	-						
589	Total		-64.85	-66.38	-63.55	-62.92	-60.88						
590	Approved CAPEX Depreciation		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
591	[APPROVED] CAPEX Depreciation (\$M real 2012)		Approved AA3										
592	Transmission cables		-0.41	-0.87	-1.54	-1.87	-2.23						
593	Transmission steel towers		-6.76	-7.04	-7.44	-7.65	-7.87						
594	Transmission wood poles		-1.67	-2.25	-2.96	-3.63	-4.44						
595	Transmission metering		0.00	0.00	0.00	0.00	0.00						
596	Transmission transformers		-4.39	-6.03	-8.25	-9.60	-11.01						
597	Transmission reactors		-0.25	-0.46	-0.74	-0.90	-1.07						
598	Transmission capacitors		-2.06	-2.22	-2.44	-2.56	-2.68						
599	Transmission circuit breakers		-5.57	-6.19	-7.01	-7.56	-8.13						
600	SCADA and communications		-1.36	-2.64	-3.73	-4.91	-6.61						
601	IT		-3.70	-6.28	-8.77	-10.22	-11.75						
602	Other non-network assets		-2.73	-3.46	-4.17	-4.67	-5.17						
603	Land & Easements		0.00	0.00	0.00	0.00	0.00						
604	Equity raising costs		0.00	-0.02	-0.06	-0.07	-0.10						
605	Total		-28.89	-37.46	-47.10	-53.64	-61.06						
606	[APPROVED] 2006 CAPEX Depreciation (\$M real 2012)												
607	Transmission cables		-0.09	-0.09	-0.09	-0.09	-0.09						
608	Transmission steel towers		-1.37	-1.37	-1.37	-1.37	-1.37						
609	Transmission wood poles		-0.33	-0.33	-0.33	-0.33	-0.33						
610	Transmission metering		-	-	-	-	-						
611	Transmission transformers		-1.11	-1.11	-1.11	-1.11	-1.11						
612	Transmission reactors		-0.09	-0.09	-0.09	-0.09	-0.09						
613	Transmission capacitors		-0.70	-0.70	-0.70	-0.70	-0.70						
614	Transmission circuit breakers		-1.15	-1.15	-1.15	-1.15	-1.15						

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
615	SCADA and communications		-0.21	-0.21	-0.21	-0.21	-0.21					
616	IT		-0.39	-0.39	-0.39	-0.39	-0.39					
617	Other non-network assets		-0.08	-0.08	-0.08	-0.08	-0.08					
618	Land & Easements		-	-	-	-	-					
619	Equity raising costs											
620	Total		-5.51	-5.51	-5.51	-5.51	-5.51					
621	<b>[APPROVED]2006 CAPEX Depreciation (\$M real 2017)</b>											
622	Transmission cables		-0.10	-0.10	-0.10	-0.10	-0.10					
623	Transmission steel towers		-1.51	-1.51	-1.51	-1.51	-1.51					
624	Transmission wood poles		-0.36	-0.36	-0.36	-0.36	-0.36					
625	Transmission metering		-	-	-	-	-					
626	Transmission transformers		-1.23	-1.23	-1.23	-1.23	-1.23					
627	Transmission reactors		-0.09	-0.09	-0.09	-0.09	-0.09					
628	Transmission capacitors		-0.77	-0.77	-0.77	-0.77	-0.77					
629	Transmission circuit breakers		-1.27	-1.27	-1.27	-1.27	-1.27					
630	SCADA and communications		-0.23	-0.23	-0.23	-0.23	-0.23					
631	IT		-0.43	-0.43	-0.43	-0.43	-0.43					
632	Other non-network assets		-0.08	-0.08	-0.08	-0.08	-0.08					
633	Land & Easements		-	-	-	-	-					
634	Equity raising costs		-	-	-	-	-					
635	Total		-6.08	-6.08	-6.08	-6.08	-6.08					
636	<b>[APPROVED]2007 CAPEX Depreciation (\$M real 2012)</b>											
637	Transmission cables		-0.08	-0.08	-0.08	-0.08	-0.08					
638	Transmission steel towers		-1.95	-1.95	-1.95	-1.95	-1.95					
639	Transmission wood poles		-0.31	-0.31	-0.31	-0.31	-0.31					
640	Transmission metering		-	-	-	-	-					
641	Transmission transformers		-0.98	-0.98	-0.98	-0.98	-0.98					
642	Transmission reactors		-0.06	-0.06	-0.06	-0.06	-0.06					
643	Transmission capacitors		-0.52	-0.52	-0.52	-0.52	-0.52					
644	Transmission circuit breakers		-0.95	-0.95	-0.95	-0.95	-0.95					
645	SCADA and communications		-0.14	-0.14	-0.14	-0.14	-0.14					
646	IT		-0.68	-0.68	-0.68	-0.68	-0.68					
647	Other non-network assets		-0.11	-0.11	-0.11	-0.11	-0.11					
648	Land & Easements		-	-	-	-	-					
649	Equity raising costs											
650	Total		-5.79	-5.79	-5.79	-5.79	-5.79					
651	<b>[APPROVED]2007 CAPEX Depreciation (\$M real 2017)</b>											
652	Transmission cables		-0.09	-0.09	-0.09	-0.09	-0.09					
653	Transmission steel towers		-2.15	-2.15	-2.15	-2.15	-2.15					
654	Transmission wood poles		-0.34	-0.34	-0.34	-0.34	-0.34					
655	Transmission metering		-	-	-	-	-					
656	Transmission transformers		-1.08	-1.08	-1.08	-1.08	-1.08					
657	Transmission reactors		-0.07	-0.07	-0.07	-0.07	-0.07					
658	Transmission capacitors		-0.57	-0.57	-0.57	-0.57	-0.57					



## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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					
659	Transmission circuit breakers		-1.05	-1.05	-1.05	-1.05	-1.05						
660	SCADA and communications		-0.16	-0.16	-0.16	-0.16	-0.16						
661	IT		-0.75	-0.75	-0.75	-0.75	-0.75						
662	Other non-network assets		-0.12	-0.12	-0.12	-0.12	-0.12						
663	Land & Easements		-	-	-	-	-						
664	Equity raising costs		-	-	-	-	-						
665	Total		-6.38	-6.38	-6.38	-6.38	-6.38						
666	<b>[APPROVED]2008 CAPEX Depreciation (\$M real 2012)</b>												
667	Transmission cables		-0.09	-0.09	-0.09	-0.09	-0.09						
668	Transmission steel towers		-1.56	-1.56	-1.56	-1.56	-1.56						
669	Transmission wood poles		-0.37	-0.37	-0.37	-0.37	-0.37						
670	Transmission metering		-	-	-	-	-						
671	Transmission transformers		-1.04	-1.04	-1.04	-1.04	-1.04						
672	Transmission reactors		-0.07	-0.07	-0.07	-0.07	-0.07						
673	Transmission capacitors		-0.56	-0.56	-0.56	-0.56	-0.56						
674	Transmission circuit breakers		-1.27	-1.27	-1.27	-1.27	-1.27						
675	SCADA and communications		-0.17	-0.17	-0.17	-0.17	-0.17						
676	IT		-0.39	-0.39	-0.39	-0.39	-0.39						
677	Other non-network assets		-0.46	-0.46	-0.46	-0.46	-0.46						
678	Land & Easements		-	-	-	-	-						
679	Equity raising costs		-	-	-	-	-						
680	Total		-5.99	-5.99	-5.99	-5.99	-5.99						
681	<b>[APPROVED]2008 CAPEX Depreciation (\$M real 2017)</b>												
682	Transmission cables		-0.10	-0.10	-0.10	-0.10	-0.10						
683	Transmission steel towers		-1.72	-1.72	-1.72	-1.72	-1.72						
684	Transmission wood poles		-0.41	-0.41	-0.41	-0.41	-0.41						
685	Transmission metering		-	-	-	-	-						
686	Transmission transformers		-1.15	-1.15	-1.15	-1.15	-1.15						
687	Transmission reactors		-0.08	-0.08	-0.08	-0.08	-0.08						
688	Transmission capacitors		-0.62	-0.62	-0.62	-0.62	-0.62						
689	Transmission circuit breakers		-1.40	-1.40	-1.40	-1.40	-1.40						
690	SCADA and communications		-0.18	-0.18	-0.18	-0.18	-0.18						
691	IT		-0.43	-0.43	-0.43	-0.43	-0.43						
692	Other non-network assets		-0.51	-0.51	-0.51	-0.51	-0.51						
693	Land & Easements		-	-	-	-	-						
694	Equity raising costs		-	-	-	-	-						
695	Total		-6.61	-6.61	-6.61	-6.61	-6.61						
696	<b>[APPROVED]2009 CAPEX Depreciation (\$M real 2012)</b>												
697	Transmission cables		-0.08	-0.08	-0.08	-0.08	-0.08						
698	Transmission steel towers		-0.81	-0.81	-0.81	-0.81	-0.81						
699	Transmission wood poles		-0.29	-0.29	-0.29	-0.29	-0.29						
700	Transmission metering		-	-	-	-	-						
701	Transmission transformers		-0.65	-0.65	-0.65	-0.65	-0.65						
702	Transmission reactors		-0.02	-0.02	-0.02	-0.02	-0.02						

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
703	Transmission capacitors		-0.22	-0.22	-0.22	-0.22	-0.22					
704	Transmission circuit breakers		-0.68	-0.68	-0.68	-0.68	-0.68					
705	SCADA and communications		-0.31	-0.31	-0.31	-0.31	-0.31					
706	IT		-0.51	-0.51	-0.51	-0.51	-0.51					
707	Other non-network assets		-0.47	-0.47	-0.47	-0.47	-0.47					
708	Land & Easements		-	-	-	-	-					
709	Equity raising costs											
710	Total		-4.04	-4.04	-4.04	-4.04	-4.04					
711	<b>[APPROVED]2009 CAPEX Depreciation (\$M real 2017)</b>											
712	Transmission cables		-0.09	-0.09	-0.09	-0.09	-0.09					
713	Transmission steel towers		-0.90	-0.90	-0.90	-0.90	-0.90					
714	Transmission wood poles		-0.32	-0.32	-0.32	-0.32	-0.32					
715	Transmission metering		-	-	-	-	-					
716	Transmission transformers		-0.71	-0.71	-0.71	-0.71	-0.71					
717	Transmission reactors		-0.02	-0.02	-0.02	-0.02	-0.02					
718	Transmission capacitors		-0.24	-0.24	-0.24	-0.24	-0.24					
719	Transmission circuit breakers		-0.75	-0.75	-0.75	-0.75	-0.75					
720	SCADA and communications		-0.34	-0.34	-0.34	-0.34	-0.34					
721	IT		-0.56	-0.56	-0.56	-0.56	-0.56					
722	Other non-network assets		-0.52	-0.52	-0.52	-0.52	-0.52					
723	Land & Easements		-	-	-	-	-					
724	Equity raising costs		-	-	-	-	-					
725	Total		-4.46	-4.46	-4.46	-4.46	-4.46					
726	<b>[APPROVED]2010 CAPEX Depreciation (\$M real 2012)</b>											
727	Transmission cables		-0.04	-0.04	-0.04	-0.04	-0.04					
728	Transmission steel towers		-0.53	-0.53	-0.53	-0.53	-0.53					
729	Transmission wood poles		-0.19	-0.19	-0.19	-0.19	-0.19					
730	Transmission metering		-	-	-	-	-					
731	Transmission transformers		-0.31	-0.31	-0.31	-0.31	-0.31					
732	Transmission reactors		-0.01	-0.01	-0.01	-0.01	-0.01					
733	Transmission capacitors		-0.03	-0.03	-0.03	-0.03	-0.03					
734	Transmission circuit breakers		-0.83	-0.83	-0.83	-0.83	-0.83					
735	SCADA and communications		-0.17	-0.17	-0.17	-0.17	-0.17					
736	IT		-0.80	-0.80	-0.80	-0.80	-0.80					
737	Other non-network assets		-0.75	-0.75	-0.75	-0.75	-0.75					
738	Land & Easements		-	-	-	-	-					
739	Equity raising costs											
740	Total		-3.65	-3.65	-3.65	-3.65	-3.65					
741	<b>[APPROVED]2010 CAPEX Depreciation (\$M real 2017)</b>											
742	Transmission cables		-0.04	-0.04	-0.04	-0.04	-0.04					
743	Transmission steel towers		-0.58	-0.58	-0.58	-0.58	-0.58					
744	Transmission wood poles		-0.21	-0.21	-0.21	-0.21	-0.21					
745	Transmission metering		-	-	-	-	-					
746	Transmission transformers		-0.34	-0.34	-0.34	-0.34	-0.34					

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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					
747	Transmission reactors		-0.01	-0.01	-0.01	-0.01	-0.01						
748	Transmission capacitors		-0.03	-0.03	-0.03	-0.03	-0.03						
749	Transmission circuit breakers		-0.92	-0.92	-0.92	-0.92	-0.92						
750	SCADA and communications		-0.18	-0.18	-0.18	-0.18	-0.18						
751	IT		-0.89	-0.89	-0.89	-0.89	-0.89						
752	Other non-network assets		-0.83	-0.83	-0.83	-0.83	-0.83						
753	Land & Easements		-	-	-	-	-						
754	Equity raising costs		-	-	-	-	-						
755	Total		-4.02	-4.02	-4.02	-4.02	-4.02						
756	<b>[APPROVED]2011 CAPEX Depreciation (\$M real 2012)</b>												
757	Transmission cables		-0.02	-0.02	-0.02	-0.02	-0.02						
758	Transmission steel towers		-0.54	-0.54	-0.54	-0.54	-0.54						
759	Transmission wood poles		-0.18	-0.18	-0.18	-0.18	-0.18						
760	Transmission metering		-	-	-	-	-						
761	Transmission transformers		-0.30	-0.30	-0.30	-0.30	-0.30						
762	Transmission reactors		-0.01	-0.01	-0.01	-0.01	-0.01						
763	Transmission capacitors		-0.03	-0.03	-0.03	-0.03	-0.03						
764	Transmission circuit breakers		-0.68	-0.68	-0.68	-0.68	-0.68						
765	SCADA and communications		-0.37	-0.37	-0.37	-0.37	-0.37						
766	IT		-0.93	-0.93	-0.93	-0.93	-0.93						
767	Other non-network assets		-0.85	-0.85	-0.85	-0.85	-0.85						
768	Land & Easements		-	-	-	-	-						
769	Equity raising costs		-	-	-	-	-						
770	Total		-3.91	-3.91	-3.91	-3.91	-3.91						
771	<b>[APPROVED]2011 CAPEX Depreciation (\$M real 2017)</b>												
772	Transmission cables		-0.02	-0.02	-0.02	-0.02	-0.02						
773	Transmission steel towers		-0.59	-0.59	-0.59	-0.59	-0.59						
774	Transmission wood poles		-0.20	-0.20	-0.20	-0.20	-0.20						
775	Transmission metering		-	-	-	-	-						
776	Transmission transformers		-0.33	-0.33	-0.33	-0.33	-0.33						
777	Transmission reactors		-0.01	-0.01	-0.01	-0.01	-0.01						
778	Transmission capacitors		-0.04	-0.04	-0.04	-0.04	-0.04						
779	Transmission circuit breakers		-0.75	-0.75	-0.75	-0.75	-0.75						
780	SCADA and communications		-0.41	-0.41	-0.41	-0.41	-0.41						
781	IT		-1.03	-1.03	-1.03	-1.03	-1.03						
782	Other non-network assets		-0.94	-0.94	-0.94	-0.94	-0.94						
783	Land & Easements		-	-	-	-	-						
784	Equity raising costs		-	-	-	-	-						
785	Total		-4.31	-4.31	-4.31	-4.31	-4.31						
786	<b>[APPROVED]2012 CAPEX Depreciation (\$M real 2012)</b>												
787	Transmission cables		-	-0.47	-0.47	-0.47	-0.47						
788	Transmission steel towers		-	-0.28	-0.28	-0.28	-0.28						
789	Transmission wood poles		-	-0.59	-0.59	-0.59	-0.59						
790	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					
791	Transmission transformers		-	-1.64	-1.64	-1.64	-1.64						
792	Transmission reactors		-	-0.21	-0.21	-0.21	-0.21						
793	Transmission capacitors		-	-0.16	-0.16	-0.16	-0.16						
794	Transmission circuit breakers		-	-0.62	-0.62	-0.62	-0.62						
795	SCADA and communications		-	-1.28	-1.28	-1.28	-1.28						
796	IT		-	-2.58	-2.58	-2.58	-2.58						
797	Other non-network assets		-	-0.73	-0.73	-0.73	-0.73						
798	Land & Easements		-	-	-	-	-						
799	Equity raising costs		-	-0.02	-0.02	-0.02	-0.02						
800	Total		-	-8.57	-8.57	-8.57	-8.57						
801	<b>[APPROVED]2012 CAPEX Depreciation (\$M real 2017)</b>												
802	Transmission cables		-	-0.52	-0.52	-0.52	-0.52						
803	Transmission steel towers		-	-0.31	-0.31	-0.31	-0.31						
804	Transmission wood poles		-	-0.65	-0.65	-0.65	-0.65						
805	Transmission metering		-	-	-	-	-						
806	Transmission transformers		-	-1.81	-1.81	-1.81	-1.81						
807	Transmission reactors		-	-0.23	-0.23	-0.23	-0.23						
808	Transmission capacitors		-	-0.17	-0.17	-0.17	-0.17						
809	Transmission circuit breakers		-	-0.68	-0.68	-0.68	-0.68						
810	SCADA and communications		-	-1.41	-1.41	-1.41	-1.41						
811	IT		-	-2.85	-2.85	-2.85	-2.85						
812	Other non-network assets		-	-0.81	-0.81	-0.81	-0.81						
813	Land & Easements		-	-	-	-	-						
814	Equity raising costs		-	-0.02	-0.02	-0.02	-0.02						
815	Total		-	-9.45	-9.45	-9.45	-9.45						
816	<b>[APPROVED]2013 CAPEX Depreciation (\$M real 2012)</b>												
817	Transmission cables		-	-	-0.66	-0.66	-0.66						
818	Transmission steel towers		-	-	-0.40	-0.40	-0.40						
819	Transmission wood poles		-	-	-0.70	-0.70	-0.70						
820	Transmission metering		-	-	-	-	-						
821	Transmission transformers		-	-	-2.22	-2.22	-2.22						
822	Transmission reactors		-	-	-0.28	-0.28	-0.28						
823	Transmission capacitors		-	-	-0.22	-0.22	-0.22						
824	Transmission circuit breakers		-	-	-0.82	-0.82	-0.82						
825	SCADA and communications		-	-	-1.09	-1.09	-1.09						
826	IT		-	-	-2.49	-2.49	-2.49						
827	Other non-network assets		-	-	-0.72	-0.72	-0.72						
828	Land & Easements		-	-	-	-	-						
829	Equity raising costs		-	-	-0.05	-0.05	-0.05						
830	Total		-	-	-9.64	-9.64	-9.64						
831	<b>[APPROVED]2013 CAPEX Depreciation (\$M real 2017)</b>												
832	Transmission cables		-	-	-0.73	-0.73	-0.73						
833	Transmission steel towers		-	-	-0.44	-0.44	-0.44						
834	Transmission wood poles		-	-	-0.77	-0.77	-0.77						

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
835	Transmission metering		-	-	-	-	-					
836	Transmission transformers		-	-	-2.45	-2.45	-2.45					
837	Transmission reactors		-	-	-0.31	-0.31	-0.31					
838	Transmission capacitors		-	-	-0.25	-0.25	-0.25					
839	Transmission circuit breakers		-	-	-0.90	-0.90	-0.90					
840	SCADA and communications		-	-	-1.20	-1.20	-1.20					
841	IT		-	-	-2.74	-2.74	-2.74					
842	Other non-network assets		-	-	-0.79	-0.79	-0.79					
843	Land & Easements		-	-	-	-	-					
844	Equity raising costs		-	-	-0.05	-0.05	-0.05					
845	Total		-	-	-10.63	-10.63	-10.63					
846	<b>[APPROVED]2014 CAPEX Depreciation (\$M real 2012)</b>											
847	Transmission cables		-	-	-	-0.33	-0.33					
848	Transmission steel towers		-	-	-	-0.21	-0.21					
849	Transmission wood poles		-	-	-	-0.68	-0.68					
850	Transmission metering		-	-	-	-	-					
851	Transmission transformers		-	-	-	-1.35	-1.35					
852	Transmission reactors		-	-	-	-0.16	-0.16					
853	Transmission capacitors		-	-	-	-0.12	-0.12					
854	Transmission circuit breakers		-	-	-	-0.55	-0.55					
855	SCADA and communications		-	-	-	-1.19	-1.19					
856	IT		-	-	-	-1.46	-1.46					
857	Other non-network assets		-	-	-	-0.50	-0.50					
858	Land & Easements		-	-	-	-	-					
859	Equity raising costs		-	-	-	-0.01	-0.01					
860	Total		-	-	-	-6.54	-6.54					
861	<b>[APPROVED]2014 CAPEX Depreciation (\$M real 2017)</b>											
862	Transmission cables		-	-	-	-0.37	-0.37					
863	Transmission steel towers		-	-	-	-0.23	-0.23					
864	Transmission wood poles		-	-	-	-0.74	-0.74					
865	Transmission metering		-	-	-	-	-					
866	Transmission transformers		-	-	-	-1.49	-1.49					
867	Transmission reactors		-	-	-	-0.18	-0.18					
868	Transmission capacitors		-	-	-	-0.13	-0.13					
869	Transmission circuit breakers		-	-	-	-0.61	-0.61					
870	SCADA and communications		-	-	-	-1.31	-1.31					
871	IT		-	-	-	-1.61	-1.61					
872	Other non-network assets		-	-	-	-0.55	-0.55					
873	Land & Easements		-	-	-	-	-					
874	Equity raising costs		-	-	-	-0.01	-0.01					
875	Total		-	-	-	-7.21	-7.21					
876	<b>[APPROVED]2015 CAPEX Depreciation (\$M real 2012)</b>											
877	Transmission cables		-	-	-	-	-0.36					
878	Transmission steel towers		-	-	-	-	-0.22					

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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					
879	Transmission wood poles		-	-	-	-	-0.81						
880	Transmission metering		-	-	-	-	-						
881	Transmission transformers		-	-	-	-	-1.41						
882	Transmission reactors		-	-	-	-	-0.17						
883	Transmission capacitors		-	-	-	-	-0.12						
884	Transmission circuit breakers		-	-	-	-	-0.57						
885	SCADA and communications		-	-	-	-	-1.70						
886	IT		-	-	-	-	-1.52						
887	Other non-network assets		-	-	-	-	-0.50						
888	Land & Easements		-	-	-	-	-						
889	Equity raising costs		-	-	-	-	-0.03						
890	Total		-	-	-	-	-7.418						
891	<b>[APROVED]2015 CAPEX Depreciation (\$M real 2017)</b>												
892	Transmission cables		-	-	-	-	-0.39						
893	Transmission steel towers		-	-	-	-	-0.24						
894	Transmission wood poles		-	-	-	-	-0.89						
895	Transmission metering		-	-	-	-	-						
896	Transmission transformers		-	-	-	-	-1.56						
897	Transmission reactors		-	-	-	-	-0.19						
898	Transmission capacitors		-	-	-	-	-0.14						
899	Transmission circuit breakers		-	-	-	-	-0.63						
900	SCADA and communications		-	-	-	-	-1.87						
901	IT		-	-	-	-	-1.68						
902	Other non-network assets		-	-	-	-	-0.55						
903	Land & Easements		-	-	-	-	-						
904	Equity raising costs		-	-	-	-	-0.03						
905	Total		-	-	-	-	-8.18						
906	<b>Accelerated Depreciation</b>		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
907	<b>[APROVED] Accelerated Depreciation (\$M Nominal)</b>		Approved AA3										
908	Transmission cables												
909	Transmission steel towers												
910	Transmission wood poles												
911	Transmission metering												
912	Transmission transformers												
913	Transmission reactors												
914	Transmission capacitors												
915	Transmission circuit breakers												
916	SCADA and communications												
917	IT												
918	Other non-network assets												
919	Land & Easements												
920	Equity raising costs												
921	Total		-	-	-	-	-						
922	<b>[APROVED]Accelerated Depreciation (\$M real 2017)</b>		Approved AA3					Proposed AA4					

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
923	Transmission cables		-	-	-	-	-	-	-	-	-	-
924	Transmission steel towers		-	-	-	-	-	-	-	-	-	-
925	Transmission wood poles		-	-	-	-	-	-	-	-	-	-
926	Transmission metering		-	-	-	-	-	-	-	-	-	-
927	Transmission transformers		-	-	-	-	-	-	-	-	-	-
928	Transmission reactors		-	-	-	-	-	-	-	-	-	-
929	Transmission capacitors		-	-	-	-	-	-	-	-	-	-
930	Transmission circuit breakers		-	-	-	-	-	-	-	-	-	-
931	SCADA and communications		-	-	-	-	-	-	-	-	-	-
932	IT		-	-	-	-	-	-	-	-	-	-
933	Other non-network assets		-	-	-	-	-	-	-	-	-	-
934	Land & Easements		-	-	-	-	-	-	-	-	-	-
935	Equity raising costs		-	-	-	-	-	-	-	-	-	-
936	Total		-	-	-	-	-	-	-	-	-	-
937												
938	<b>Redundant Asset</b>		<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
939	<b>[ACTUAL] Redundant Asset (\$M Nominal)</b>		<b>Actual AA3</b>									
940	Transmission cables		-	-	-	-	-					
941	Transmission steel towers		-	-	-	-	-					
942	Transmission wood poles		-	-	-	-	-					
943	Transmission metering		-	-	-	-	-					
944	Transmission transformers		1.106	3.262	0.781	1.030	-					
945	Transmission reactors		-	-	-	-	-					
946	Transmission capacitors		-	-	-	-	-					
947	Transmission circuit breakers		-	-	-	-	-					
948	SCADA and communications		-	-	-	-	-					
949	IT		-	-	-	-	-					
950	Other non-network assets		-	-	0.457	-	0.119					
951	Land & Easements		3.003	0.791	7.794	58.464	1.328					
952	Equity raising costs		-	-	-	-	-					
953	Total		4.11	4.05	9.03	59.49	1.45					
954												
955	<b>[ACTUAL]Redundant Asset (\$M real 2017)</b>		<b>Actual AA3</b>									
956	Transmission cables		-	-	-	-	-					
957	Transmission steel towers		-	-	-	-	-					
958	Transmission wood poles		-	-	-	-	-					
959	Transmission metering		-	-	-	-	-					
960	Transmission transformers		1.191	3.410	0.804	1.050	-					
961	Transmission reactors		-	-	-	-	-					
962	Transmission capacitors		-	-	-	-	-					
963	Transmission circuit breakers		-	-	-	-	-					
964	SCADA and communications		-	-	-	-	-					
965	IT		-	-	-	-	-					
966	Other non-network assets		-	-	0.471	-	0.119					

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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					
967	Land & Easements		3.234	0.827	8.026	59.595	1.328						
968	Equity raising costs		-	-	-	-	-						
969	Total		4.425	4.237	9.301	60.644	1.447	80.054					
970	<b>Operating Expenditure</b>		<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	
971	<b>[APPROVED] OPEX</b>		<b>Approved AA3 (\$M real 30/06/2012)</b>										
972	SCADA & Communications		12.23	12.33	12.45	12.55	12.89						
973	Misc Network Services		-	-	-	-	-						
974	Network Operations		9.83	9.86	9.90	9.89	9.88						
975	Maintenance Strategy		-	-	-	-	-						
976	Preventive Condition		9.98	10.06	10.16	10.25	10.54						
977	Preventive Routine		17.57	17.70	17.87	18.00	18.52						
978	Corrective Deferred		10.21	10.29	10.38	10.46	10.75						
979	Corrective Emergency		1.15	1.15	1.15	1.15	1.20						
980	Business Support		40.04	40.10	40.09	41.59	42.04						
981	Non-recurring opex		3.01	1.76	1.58	1.79	2.38						
982	Total		104.03	103.26	103.57	105.69	108.20						
983	<b>[ACTUAL] OPEX (\$M Nominal)</b>		<b>Actual AA3</b>					<b>Modelled AA4</b>					
984	SCADA & Communications		11.62	10.63	11.76	12.60	10.88	5.14	5.13	5.21	5.51	5.55	
985	Non-revenue cap services		12.61	4.56	3.38	5.38	4.03	-	-	-	-	-	
986	Network Operations		6.67	8.04	5.68	5.84	4.65	4.58	4.64	4.71	4.79	4.84	
987	Maintenance Strategy		-	-	-	-	-	-	-	-	-	-	
988	Preventive Condition		9.78	9.25	7.54	11.31	13.62	13.10	13.05	13.26	14.02	14.14	
989	Preventive Routine		22.09	20.91	23.47	22.91	20.54	19.74	19.67	19.98	21.13	21.31	
990	Corrective Deferred		10.18	8.84	8.97	10.31	9.45	8.99	8.95	9.09	9.62	9.70	
991	Corrective Emergency		2.15	2.09	2.36	3.06	2.16	2.08	2.07	2.11	2.23	2.25	
992	Business Support		32.84	40.19	31.76	42.65	41.28	23.82	23.95	24.23	23.81	22.81	
993	Non-recurring opex		10.72	12.50	22.09	10.08	-0.97	6.19	6.16	6.26	6.62	6.68	
994	Total		118.66	117.02	117.01	124.13	105.65	83.64	83.63	84.85	87.72	87.26	
995	<b>[APPROVED] OPEX (\$M real 30/06/2017)</b>		<b>Approved AA3</b>										
996	SCADA & Communications		13.48	13.59	13.72	13.83	14.21						
997	Misc Network Services		-	-	-	-	-						
998	Network Operations		10.84	10.87	10.91	10.91	10.90						
999	Maintenance Strategy		-	-	-	-	-						
1000	Preventive Condition		11.00	11.10	11.21	11.30	11.62						
1001	Preventive Routine		19.37	19.52	19.70	19.85	20.42						
1002	Corrective Deferred		11.26	11.35	11.45	11.53	11.85						
1003	Corrective Emergency		1.27	1.27	1.27	1.27	1.32						
1004	Business Support		44.14	44.21	44.20	45.86	46.35						
1005	Non-recurring opex		3.32	1.94	1.74	1.98	2.63						
1006	Total		114.70	113.85	114.19	116.53	119.30						
1007	<b>[ACTUAL] OPEX (\$M real 30/06/2017)</b>		<b>Actual AA3</b>					<b>Modelled AA4</b>					
1008	SCADA & Communications		12.51	11.11	12.10	12.84	10.88	5.05	4.94	4.93	5.12	5.07	
1009	Non-revenue cap services		13.58	4.77	3.48	5.49	4.03	-	-	-	-	-	



## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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					
1010	Network Operations	7.18	8.41	5.85	5.95	4.65	4.50	4.47	4.46	4.45	4.42	
1011	Maintenance Strategy	-	-	-	-	-	-	-	-	-	-	
1012	Preventive Condition	10.53	9.67	7.76	11.53	13.62	12.86	12.58	12.55	13.03	12.90	
1013	Preventive Routine	23.79	21.86	24.17	23.35	20.54	19.39	18.97	18.92	19.64	19.45	
1014	Corrective Deferred	10.97	9.24	9.24	10.51	9.45	8.82	8.63	8.61	8.94	8.85	
1015	Corrective Emergency	2.31	2.19	2.43	3.12	2.16	2.04	2.00	1.99	2.07	2.05	
1016	Business Support	35.36	42.01	32.70	43.47	41.28	23.39	23.10	22.94	22.13	20.83	
1017	Non-recurring opex	11.55	13.07	22.75	10.28	0.97	6.07	5.94	5.93	6.16	6.09	
1018	Total	127.78	122.32	120.50	126.53	105.65	82.13	80.63	80.34	81.55	79.66	
1019	<b>Deferred Revenue</b>											
1020	Deferred Revenue (\$M real 30/06/2012) at the beginning of AA3											
1021	Deferred Revenue (\$M real 30/06/2017)											
1022	Recovery period (year)											
1023	<b>Working Capital</b>											
1024	Receivables											
1025	Inventory											
1026	Prepayment											
1027	Creditors											
1028	2017 Closing Balance (\$M Real 30/06/2012)											
1029	2017 Closing Balance (\$M Real 30/06/2017)											
1030	<b>Energy Transported (GWh)</b>											
1031		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
		Actual AA3					Proposed AA4					
1032	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, Sept 2018 [Final Decision] Adjustment Input

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21			
<b>4 Inflation</b>							2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>5 Year ending 30 June Financial Year</b>							0.776	0.792	0.828	0.840	0.865	0.896	0.907	0.929	0.957	0.971	0.981	1.000	1.018	1.037	1.056	1.076	1.095
<b>6</b>																							
<b>7 Service Standard adjustment mechanism (SSAM)</b>																							
<b>8 Year Ending 30 June</b>							2013	2014	2015	2016	2017		2013	2014	2015	2016	2017		2013	2014	2015	2016	2017
<b>9 SSAM revenue at risk</b>																							
10 Distribution revenue at risk							5%	5%	5%	5%	5%												
11 Transmission revenue at risk							1%	1%	1%	1%	1%												
<b>12</b>																							
<b>13 Distribution Performance</b>																							
							<b>Actual AA3</b>					<b>Benchmark</b>					<b>Target</b>						
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		20.3	20.3	20.3	20.3	20.3
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		136.6	136.6	136.6	136.6	136.6
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		207.8	207.8	207.8	207.8	207.8
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		582.2	582.2	582.2	582.2	582.2
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		0.1	0.1	0.1	0.1	0.1
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		1.4	1.4	1.4	1.4	1.4
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		2.3	2.3	2.3	2.3	2.3
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		4.1	4.1	4.1	4.1	4.1
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		87.6	87.6	87.6	87.6	87.6
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		n/a	n/a	n/a	n/a	n/a
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		n/a	n/a	n/a	n/a	n/a
<b>25</b>																							
<b>26 Transmission performance</b>																							
							<b>Actual AA3</b>					<b>Benchmark</b>					<b>Target</b>						
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		98.1	98.1	98.1	98.1	98.1
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		n/a	n/a	n/a	n/a	n/a
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		1.9	1.9	1.9	1.9	1.9
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		24.0	24.0	24.0	24.0	24.0
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		2.0	2.0	2.0	2.0	2.0
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		698.0	698.0	698.0	698.0	698.0
<b>33</b>																							
<b>34 Distribution incentive rates</b>																							
							<b>[\$M real as at 30 June 2012]</b>					<b>[\$M real as at 30 June 2017]</b>											
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						
<b>44</b>																							
<b>45 Transmission incentive rates</b>																							
							<b>[\$M real as at 30 June 2012]</b>					<b>[\$M real as at 30 June 2017]</b>											
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						
<b>51</b>																							
<b>52 Distribution penalty rates</b>																							
							<b>[\$M real as at 30 June 2012]</b>					<b>[\$M real as at 30 June 2017]</b>											
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						

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision]

## Adjustment Input

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	2020	2021	2022
4 Inflation							2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5 Year ending 30 June Financial Year							0.776	0.792	0.828	0.840	0.865	0.896	0.907	0.929	0.957	0.971	0.981	1.000	1.018	1.037	1.056	1.076	1.095

### 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	-	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		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		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		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		0.00		0.00

### 70 Gain share mechanism (GSM)

71 Year Ending 30 June	2011	2012	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
------------------------	------	------	------	------	------	------	------	------	------	------	------	------

### 72 Forecasted Escalation factors

73 Customer numbers escalation	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%
75 Number of distribution transformers ( b )	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%
77 Network growth escalation	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)

#### 86 ERA Final Decision EIB categories

	[\$M real as at 30 June 2012]					[\$M real as at 30 June 2017]				
87 Superannuation costs for defined benefit schemes	2.89	2.95	3.02	3.08	3.14	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	0.05	0.05	0.05	0.05	0.05
90 Energy safety levy	4.12	4.12	4.12	4.12	4.12	4.54	4.54	4.54	4.54	4.54
91 Network control service	-	-	-	-	-	-	-	-	-	-
92 ERA costs (Electricity Network Access Funding Regulations)	0.87	1.35	1.24	1.16	1.17	0.96	1.49	1.37	1.28	1.29
93	7.919	8.466	8.421	8.406	8.475					

### 94 Operating expenditure subject to scale escalation by regulatory category

#### 95 Base distribution

	[\$M real as at 30 June 2012]					[\$M real as at 30 June 2017]				
96 Reliability	1.50	1.50	1.50	1.50	1.50	1.66	1.66	1.66	1.66	1.66
97 SCADA & Communications	4.10	4.10	4.10	4.10	4.10	4.52	4.52	4.52	4.52	4.52
98 Non-revenue cap services	-	-	-	-	-	-	-	-	-	-
99 Network Operations	14.48	14.48	14.48	14.48	14.48	15.96	15.96	15.96	15.96	15.96
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

### 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	-	-	-	-	-	-	-	-	-	-

**ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision]**  
**Adjustment Input**

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
<b>4 Inflation</b>							2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>5 Year ending 30 June Financial Year</b>							0.776	0.792	0.828	0.840	0.865	0.896	0.907	0.929	0.957	0.971	0.981	1.000	1.018	1.037	1.056	1.076	1.095
<b>6</b>																							
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	-	-	-	-	-	-
<b>134</b>																							
<b>135 New distribution operating expenditure recurring from 2013/14</b>																							
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								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-
<b>154</b>																							
<b>155 Base Transmission</b>																							
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	-	-	-	-	-	-
<b>167</b>																							
<b>168 New transmission operating expenditure recurring from 2012/13</b>																							
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								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



## ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision] Adjustment Input

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
4 Inflation							2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5 Year ending 30 June Financial Year							0.776	0.792	0.828	0.840	0.865	0.896	0.907	0.929	0.957	0.971	0.981	1.000	1.018	1.037	1.056	1.076	1.095
6																							
227 Equity Raising Costs							0	0	0	0	0	0	0	0	0	0	0						
228																							
229 <b>Transmission IAM category inclusion flags [1=Include, 0=Exclude]</b>																							
230 <b>Growth</b>							Actual AA3					Proposed AA4											
231 Capacity Expansion							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
232 Customer Driven							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
233 Generation Driven							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
234 Gifted Assets							0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
235 <b>Asset replacement and renewal</b>																							
236 Asset Replacement							0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
237 <b>Improvement in service</b>																							
238 Reliability Driven							0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
239 SCADA & Communications							0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
240 <b>Compliance</b>																							
241 Safety, Environmental & Statutory							0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
242 <b>Corporate</b>																							
243 IT							0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
244 Business Support							0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
245 Equity Raising Costs							0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
246																							
247 <b>Other Adjustment</b>																							
248 <b>Year Ending 30 June</b>																							
249 <b>Distribution</b>																							
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 <b>Transmission</b>																							
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 <b>K-Factor</b>																							
268 <b>Year ending 30 June</b>							2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017					
269 <b>Actual and Forecast Inflation (year ending 30 December for K factor calculation)</b>																							
270 December CPI										166.0	169.5	174.0	179.4										
271 December CPI (rebased)													99.8	102.0	104.8	106.6	108.4	110.0					
272 Actual and Forecast Inflation													2.11%	2.65%	3.10%	2.20%	2.75%	1.72%	1.69%	1.48%			
273 End of year inflation factor										0.925	0.945	0.970	1.000	1.022	1.050	1.068	1.086	1.102					
274																							
275 <b>Revenue</b>																							
276 <b>Forecast revenue</b>																							
277 Distribution																							
278 Transmission																							
279																							
280 <b>Actual revenue [\$M nominal]</b>																							

### ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision] Adjustment Input

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	2020	2021	2022
4 Inflation							2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
5 Year ending 30 June Financial Year							0.776	0.792	0.828	0.840	0.865	0.896	0.907	0.929	0.957	0.971	0.981	1.000	1.018	1.037	1.056	1.076	1.095
6																							
281 Distribution							327.6	427.5	462.0	513.9	711.3	804.8	835.2	968.3	1,043.3	1,173.6	1,218.0						
282 Transmission							200.4	215.3	227.3	270.3	345.4	387.9	387.3	363.7	350.3	324.3	293.6						
283																							
284 <b>Target revenue</b>																							
285 Distribution																							
286 Transmission																							
287																							
288 <b>Maximum revenue</b>																							
289 Distribution																							
290 Transmission																							
291																							
292 <b>Revenue (\$M real 30 June 2012)</b>																							
293 <b>Forecast revenue</b>																							
294 Distribution											729.9	804.8	818.7	908.4	969.3	1,096.6	1,105.1						
295 Transmission											355.6	387.9	387.3	348.6	330.5	302.7	266.4						
296																							
297 <b>Actual revenue</b>																							
298 Distribution											733.3	804.8	817.2	922.1	976.7	1,080.5	1,105.1						
299 Transmission											356.1	387.9	378.9	346.3	327.9	298.5	266.4						
300																							
301 <b>Target revenue</b>																							
302 Distribution											551.7	699.0	685.7	684.8	816.7	932.9	1,018.0						
303 Transmission											358.9	415.4	387.3	328.1	321.4	290.6	262.8						
304																							
305 <b>Maximum revenue</b>																							
306 Distribution											855.9	885.5	953.1	992.0	1,071.5	1,120.2							
307 Transmission											414.1	413.8	355.5	337.5	300.3	263.1							

[\$M real as at 30 June 2009]	[\$M real as at 30 June 2012]					
510.5	646.8	685.7	684.8	816.7	932.9	1,018.0
332.1	384.3	387.3	328.1	321.4	290.6	262.8

	[\$M real as at 30 June 2012]					
855.9	885.5	953.1	992.0	1,071.5	1,120.2	
414.1	413.8	355.5	337.5	300.3	263.1	

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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	<b>Distribution RAB Summary</b>																	
8									4,248.70	4,708.48	5,142.93	5,494.34	5,723.09	5,798.40	6,008.37	6,208.58	6,442.94	6,582.38
9									678.55	671.44	618.25	498.05	357.43	472.63	481.97	517.29	408.86	411.24
10									-214.05	-236.18	-261.90	-266.49	-281.50	-258.30	-274.85	-278.57	-269.42	-262.49
11									-3.80	-0.51	-	-	-	-4.37	-6.90	-4.37	-	-
12									-0.93	-0.30	-4.93	-2.81	-0.62	-	-	-	-	-
13									4,708.48	5,142.93	5,494.34	5,723.09	5,798.40	6,008.37	6,208.58	6,442.94	6,582.38	6,731.13
14																		
15	<b>Distribution RAB by asset categories</b>																	
16	<b>Opening Value</b>																	
17									1,247.08	1,512.21	1,831.22	2,056.59	2,180.81	2,192.85	2,303.85	2,377.19	2,438.22	2,511.53
18									1,548.14	1,587.53	1,608.26	1,627.10	1,642.36	1,652.58	1,672.32	1,695.25	1,707.53	1,710.29
19									501.82	607.46	694.75	790.71	868.23	917.59	957.98	1,002.10	1,045.69	1,087.83
20									414.19	466.76	513.88	561.35	592.39	608.55	620.04	635.90	655.35	677.12
21									96.43	96.11	95.18	95.13	94.91	93.22	90.22	87.50	84.60	81.36
22									157.29	142.40	123.80	105.35	114.50	123.89	133.22	147.75	165.51	181.96
23									120.73	124.33	116.68	111.98	96.49	97.93	108.36	119.04	120.71	109.76
24									22.45	22.50	21.12	18.08	14.27	11.87	15.31	16.34	18.08	19.37
25									114.55	118.16	102.50	92.78	82.81	64.23	64.19	71.31	114.64	107.43
26									26.02	25.10	25.06	21.41	21.41	21.15	28.70	42.38	79.15	82.64
27									-	5.91	10.46	13.87	14.90	14.55	14.18	13.82	13.46	13.09
28									4,248.70	4,708.48	5,142.93	5,494.34	5,723.09	5,798.40	6,008.37	6,208.58	6,442.94	6,582.38
29	<b>Capex (Actual AA1, AA2, AA3 &amp; Forecast AA4)</b>																	
30									331.27	389.40	303.87	212.17	105.05	209.17	176.35	163.53	156.51	148.12
31									75.07	57.71	57.08	54.76	50.98	60.31	64.50	54.94	46.32	52.64
32									131.97	116.70	128.98	114.24	89.55	82.88	89.91	90.86	90.96	98.49
33									73.35	69.73	72.02	57.57	44.45	41.39	47.06	46.20	45.06	48.89
34									5.27	4.89	6.01	6.05	4.77	3.96	4.44	4.47	4.36	4.89
35									12.29	9.24	12.04	23.50	21.37	17.35	23.72	28.53	29.12	29.21
36									20.16	13.62	21.12	12.64	30.95	35.34	38.02	32.25	23.52	17.73
37									3.60	2.83	2.76	3.77	5.06	3.34	3.77	4.60	4.30	3.96
38									19.67	2.63	10.73	11.99	5.25	11.33	20.52	55.16	5.23	4.38
39									-	-	-	-	-	7.56	13.68	36.77	3.49	2.92
40									5.91	4.68	3.63	1.36	-	-	-	-	-	-
41									678.55	671.44	618.25	498.05	357.43	472.63	481.97	517.29	408.86	411.24
42	<b>Depreciation</b>																	
43									-63.29	-69.75	-77.22	-85.13	-93.02	-94.53	-98.18	-99.25	-83.19	-73.46
44									-35.68	-36.98	-38.24	-39.50	-40.75	-40.57	-41.57	-42.65	-43.57	-44.34
45									-25.56	-29.32	-33.03	-36.72	-40.19	-42.03	-44.31	-46.50	-48.83	-51.43
46									-20.59	-22.58	-24.56	-26.53	-28.28	-29.63	-30.63	-26.39	-23.28	-24.57
47									-5.59	-5.83	-6.05	-6.27	-6.47	-6.96	-7.16	-7.38	-7.60	-7.82
48									-27.17	-27.84	-30.49	-14.34	-11.98	-8.03	-9.19	-10.77	-12.67	-14.61
49									-16.55	-21.28	-25.82	-28.13	-29.51	-24.91	-27.33	-30.58	-34.47	-32.21
50									-3.55	-4.21	-5.80	-7.57	-7.47	0.09	-2.73	-2.86	-3.00	-3.11



# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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					
51 Other Distribution Non-Network								-16.06	-18.28	-20.45	-21.95	-23.47	-11.37	-13.40	-11.83	-12.44	-10.59	
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	-258.30	-274.85	-278.57	-269.42	-262.49	
55 <b>Accelerated Depreciation</b>																		
56 Wooden Pole Lines								-2.85	-0.38	-	-	-	-3.63	-4.84	-3.25	-	-	
57 Underground Cables								-	-	-	-	-	-	-	-	-	-	
58 Transformers								-0.76	-0.10	-	-	-	-0.46	-1.48	-0.76	-	-	
59 Switchgear								-0.19	-0.03	-	-	-	-0.28	-0.57	-0.36	-	-	
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	-	-	-	-4.37	-6.90	-4.37	-	-	
68 <b>Redundant Assets</b>																		
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								-	-	-	-	-0.36	-	-	-	-	-	
78 Distribution Land & Easements								-0.93	-0.03	-3.65	-	-0.26	-	-	-	-	-	
79 Equity Raising Costs								-	-	-	-	-	-	-	-	-	-	
80 Total								-0.93	-0.30	-4.93	-2.81	-0.62	-	-	-	-	-	
81 <b>Closing Value</b>																		
82 Wooden Pole Lines								1,512.21	1,831.22	2,056.59	2,180.81	2,192.85	2,303.85	2,377.19	2,438.22	2,511.53	2,586.19	
83 Underground Cables								1,587.53	1,608.26	1,627.10	1,642.36	1,652.58	1,672.32	1,695.25	1,707.53	1,710.29	1,718.59	
84 Transformers								607.46	694.75	790.71	868.23	917.59	957.98	1,002.10	1,045.69	1,087.83	1,134.89	
85 Switchgear								466.76	513.88	561.35	592.39	608.55	620.04	635.90	655.35	677.12	701.44	
86 Street lighting								96.11	95.18	95.13	94.91	93.22	90.22	87.50	84.60	81.36	78.43	
87 Meters and Services								142.40	123.80	105.35	114.50	123.89	133.22	147.75	165.51	181.96	196.56	
88 IT&T								124.33	116.68	111.98	96.49	97.93	108.36	119.04	120.71	109.76	95.29	
89 SCADA & Communications								22.50	21.12	18.08	14.27	11.87	15.31	16.34	18.08	19.37	20.22	
90 Other Distribution Non-Network								118.16	102.50	92.78	82.81	64.23	64.19	71.31	114.64	107.43	101.22	
91 Distribution Land & Easements								25.10	25.06	21.41	21.41	21.15	28.70	42.38	79.15	82.64	85.56	
92 Equity Raising Costs								5.91	10.46	13.87	14.90	14.55	14.18	13.82	13.46	13.09	12.73	
93 Total								4,708.48	5,142.93	5,494.34	5,723.09	5,798.40	6,008.37	6,208.58	6,442.94	6,582.38	6,731.13	
94																		

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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																		
95	Initial Capital Base (ICB) (\$M Real 30/06/2017)									AA4									
96	Project Year																		
97	<b>Opening Value</b>																		
98	Wooden Pole Lines								339.70	296.89	256.66	215.85	173.51	133.99	92.07	50.40	13.55	-	
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	73.21	56.79	41.46	27.17	
101	Switchgear								76.72	66.30	56.07	45.88	35.68	25.49	15.02	4.43	-0.36	-0.36	
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	<b>Total</b>								1,304.917	1,183.384	1,066.256	945.080	845.230	754.988	667.013	579.635	503.976	457.429	
110	<b>Depreciation</b>																		
		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	-36.829	-33.601	-13.552	-
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	-14.941	-14.561	-14.298	-14.298
114	Switchgear								13.5	-10.23	-10.20	-10.19	-10.19	-10.19	-10.195	-10.011	-4.432	-	-
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	<b>Total</b>								-116.81	-116.32	-116.25	-97.04	-89.62	-83.61	-80.48	-71.29	-46.55	-33.00	
123	<b>Accelerated Depreciation</b>																		
124	Wooden Pole Lines								-2.85	-0.38	-	-	-	-	-3.63	-4.84	-3.25	-	-
125	Underground Cables								-	-	-	-	-	-	-	-	-	-	-
126	Transformers								-0.76	-0.10	-	-	-	-	-0.46	-1.48	-0.76	-	-
127	Switchgear								-0.19	-0.03	-	-	-	-	-0.28	-0.57	-0.36	-	-
128	Street lighting								-	-	-	-	-	-	-	-	-	-	-
129	Meters and Services								-	-	-	-	-	-	-	-	-	-	-
130	IT&T								-	-	-	-	-	-	-	-	-	-	-
131	SCADA & Communications								-	-	-	-	-	-	-	-	-	-	-
132	Other Distribution Non-Network								-	-	-	-	-	-	-	-	-	-	-
133	Distribution Land & Easements								-	-	-	-	-	-	-	-	-	-	-
134	Equity Raising Costs								-	-	-	-	-	-	-	-	-	-	-
135	<b>Total</b>								-3.80	-0.51	-	-	-	-	-4.37	-6.90	-4.37	-	-
136	<b>Redundant Assets</b>																		
137	Wooden Pole Lines								-	-0.27	-1.28	-2.81	-	-	-	-	-	-	-
138	Underground Cables								-	-	-	-	-	-	-	-	-	-	-

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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									Regulatory Period											
	AA3									AA4											
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
	7	8	9	10	11	12	13	14	15	16	7	8	9	10	11	12	13	14	15	16	
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	<b>Total</b>	<b>-0.93</b>	<b>-0.30</b>	<b>-4.93</b>	<b>-2.81</b>	<b>-0.62</b>															
149	<b>Closing Value</b>																				
150	Wooden Pole Lines	296.89	256.66	215.85	173.51	133.99	92.07	50.40	13.55	-	-										
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	73.21	56.79	41.46	27.17	12.87										
153	Switchgear	66.30	56.07	45.88	35.68	25.49	15.02	4.43	-0.36	-0.36	-0.36										
154	Street lighting	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0										
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	<b>Total</b>	<b>1,183.38</b>	<b>1,066.26</b>	<b>945.08</b>	<b>845.23</b>	<b>754.99</b>	<b>667.01</b>	<b>579.64</b>	<b>503.98</b>	<b>457.43</b>	<b>424.43</b>										
162																					
163	<b>Capital Expenditure</b>																				
164	<b>Project Year</b>																				
165	<b>Opening Value</b>																				
166	Wooden Pole Lines	907.38	1,215.33	1,574.56	1,840.74	2,007.30	2,058.86	2,211.78	2,326.78	2,424.66	2,511.53										
167	Underground Cables	970.40	1,028.48	1,067.91	1,105.45	1,139.40	1,168.32	1,206.76	1,248.38	1,279.36	1,300.82										
168	Transformers	336.97	458.50	560.93	671.93	764.48	828.88	884.76	945.31	1,004.23	1,060.66										
169	Switchgear	337.47	400.47	457.81	515.47	556.70	583.07	605.02	631.47	655.70	677.48										
170	Street lighting	96.43	96.11	95.18	95.13	94.91	93.22	90.22	87.50	84.60	81.36										
171	Meters and Services	81.87	90.55	95.52	100.63	114.50	123.89	133.22	147.75	165.51	181.96										
172	IT&T	114.05	119.41	113.52	110.57	96.49	97.93	108.36	119.04	120.71	109.76										
173	SCADA & Communications	15.64	17.31	17.56	16.13	13.95	11.87	15.31	16.34	18.08	19.37										
174	Other Distribution Non-Network	83.59	93.03	83.22	79.34	75.22	62.83	64.19	71.31	114.64	107.43										
175	Distribution Land & Easements	-	-	-	-	-	-	7.56	21.24	58.01	61.50										
176	Equity Raising Costs	-	5.91	10.46	13.87	14.90	14.55	14.18	13.82	13.46	13.09										
177	<b>Total</b>	<b>2,943.79</b>	<b>3,525.09</b>	<b>4,076.67</b>	<b>4,549.26</b>	<b>4,877.86</b>	<b>5,043.42</b>	<b>5,341.36</b>	<b>5,628.94</b>	<b>5,938.96</b>	<b>6,124.95</b>										
178	<b>Capex (i.e. Owner's Capex - Cash Contribution)</b>																				
179	Wooden Pole Lines	331.27	389.40	303.87	212.17	105.05	209.17	176.35	163.53	156.51	148.12										
180	Underground Cables	75.07	57.71	57.08	54.76	50.98	60.31	64.50	54.94	46.32	52.64										
181	Transformers	131.97	116.70	128.98	114.24	89.55	82.88	89.91	90.86	90.96	98.49										
182	Switchgear	73.35	69.73	72.02	57.57	44.45	41.39	47.06	46.20	45.06	48.89										



# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
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	<b>Depreciation 3</b>	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	<b>Depreciation 4</b>	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	-
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	<b>Depreciation 5</b>	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	<b>Depreciation 6</b>	6																

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
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	<b>Depreciation 7</b>	7																
284	Wooden Pole Lines	7	41.00						-	-6.840	-6.840	-6.840	-6.840	-8.214	-8.214	-8.214	-8.214	-8.214
285	Underground Cables	7	60.00						-	-1.302	-1.302	-1.302	-1.302	-1.247	-1.247	-1.247	-1.247	-1.247
286	Transformers	7	35.00						-	-3.832	-3.832	-3.832	-3.832	-3.762	-3.762	-3.762	-3.762	-3.762
287	Switchgear	7	35.00						-	-2.025	-2.025	-2.025	-2.025	-2.105	-2.105	-2.105	-2.105	-2.105
288	Street lighting	7	20.00						-	-0.242	-0.242	-0.242	-0.242	-0.269	-0.269	-0.269	-0.269	-0.269
289	Meters and Services	7	15.00						-	-0.665	-0.665	-0.665	-0.665	-0.875	-0.875	-0.875	-0.875	-0.875
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	-1.752	-1.752	-1.752	-1.752	-1.752
293	Distribution Land & Easements	7	-						-	-	-	-	-	-	-	-	-	-
294	Equity Raising Costs	7	43.00						-	-0.126	-0.126	-0.126	-0.126	-0.139	-0.139	-0.139	-0.139	-0.139
295	Total								-	-22.625	-22.625	-22.625	-22.625	-19.163	-19.163	-18.524	-18.524	-18.524
296	<b>Depreciation 8</b>	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	15.00						-	-	-2.653	-2.653	-2.653	-0.107	-0.107	-0.107	-0.107	-0.107
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	43.00						-	-	-0.108	-0.108	-0.108	-0.109	-0.109	-0.109	-0.109	-0.109
308	Total								-	-	-25.795	-25.795	-25.795	-10.488	-16.354	-16.354	-16.354	-16.354
309	<b>Depreciation 9</b>	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

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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						
315	Meters and Services		9	15.00					-	-	-	-2.709	-2.709	-0.509	-0.509	-0.509	-0.509	-0.509
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	43.00					-	-	-	-0.086	-0.086	-0.084	-0.084	-0.084	-0.084	-0.084
321	Total								-	-	-	-23.793	-23.793	-19.091	-19.873	-19.873	-19.873	-15.923
322	<b>Depreciation 10</b>			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	15.00				-	-	-	-	-2.351	-1.511	-1.511	-1.511	-1.511	-1.511
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	-1.143	-1.143	-1.143	-1.143	-1.143
332	Distribution Land & Easements			10	-				-	-	-	-	-	-	-	-	-	-
333	Equity Raising Costs			10	43.00				-	-	-	-	-0.036	-0.031	-0.031	-0.031	-0.031	-0.031
334	Total								-	-	-	-	-22.423	-16.161	-16.161	-16.161	-16.161	-16.161
335	<b>Depreciation 11</b>			11														
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	15.00									-1.425	-1.425	-1.425	-1.425	-1.425
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	43.00									-	-	-	-	-
347	Total													-15.077	-15.077	-15.077	-15.077	-15.077
348	<b>Depreciation 12</b>			12														
349	Wooden Pole Lines			12	41.00									-	-5.102	-5.102	-5.102	-5.102
350	Underground Cables			12	60.00									-	-1.005	-1.005	-1.005	-1.005
351	Transformers			12	35.00									-	-2.368	-2.368	-2.368	-2.368
352	Switchgear			12	35.00									-	-1.183	-1.183	-1.183	-1.183
353	Street lighting			12	20.00									-	-0.198	-0.198	-0.198	-0.198
354	Meters and Services			12	15.00									-	-1.157	-1.157	-1.157	-1.157
355	IT			12	6.00									-	-5.890	-5.890	-5.890	-5.890
356	SCADA & Communications			12	10.16									-	-0.329	-0.329	-0.329	-0.329
357	Other Distribution Non-Network			12	27.00									-	-0.420	-0.420	-0.420	-0.420
358	Distribution Land & Easements			12	-									-	-	-	-	-

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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					
359	Equity Raising Costs				12	43.00									-	-	-	-		
360	Total														-	-17.651	-17.651	-17.651		
361	<b>Depreciation 13</b>				13															
362	Wooden Pole Lines				13	41.00									-	-	-4.301	-4.301		
363	Underground Cables				13	60.00									-	-	-1.075	-1.075		
364	Transformers				13	35.00									-	-	-2.569	-2.569		
365	Switchgear				13	35.00									-	-	-1.345	-1.345		
366	Street lighting				13	20.00									-	-	-0.222	-0.222		
367	Meters and Services				13	15.00									-	-	-1.581	-1.581		
368	IT				13	6.00									-	-	-6.336	-6.336		
369	SCADA & Communications				13	10.16									-	-	-0.371	-0.371		
370	Other Distribution Non-Network				13	27.00									-	-	-0.760	-0.760		
371	Distribution Land & Easements				13	-									-	-	-	-		
372	Equity Raising Costs				13	43.00									-	-	-	-		
373	Total														-	-	-18.560	-18.560		
374	<b>Depreciation 14</b>				14															
375	Wooden Pole Lines				14	41.00									-	-	-	-3.989		
376	Underground Cables				14	60.00									-	-	-	-0.916		
377	Transformers				14	35.00									-	-	-	-2.596		
378	Switchgear				14	35.00									-	-	-	-1.320		
379	Street lighting				14	20.00									-	-	-	-0.224		
380	Meters and Services				14	15.00									-	-	-	-1.902		
381	IT				14	6.00									-	-	-	-5.375		
382	SCADA & Communications				14	10.16									-	-	-	-0.453		
383	Other Distribution Non-Network				14	27.00									-	-	-	-2.043		
384	Distribution Land & Easements				14	-									-	-	-	-		
385	Equity Raising Costs				14	43.00									-	-	-	-		
386	Total														-	-	-	-18.815		
387	<b>Depreciation 15</b>				15															
388	Wooden Pole Lines				15	41.00									-	-	-	-3.817		
389	Underground Cables				15	60.00									-	-	-	-0.772		
390	Transformers				15	35.00									-	-	-	-2.599		
391	Switchgear				15	35.00									-	-	-	-1.287		
392	Street lighting				15	20.00									-	-	-	-0.218		
393	Meters and Services				15	15.00									-	-	-	-1.941		
394	IT				15	6.00									-	-	-	-3.920		
395	SCADA & Communications				15	10.16									-	-	-	-0.423		
396	Other Distribution Non-Network				15	27.00									-	-	-	-0.194		
397	Distribution Land & Easements				15	-									-	-	-	-		
398	Equity Raising Costs				15	43.00									-	-	-	-		
399	Total														-	-	-	-15.171		
400	<b>Closing Value</b>																			
401	Wooden Pole Lines								1,215.33	1,574.56	1,840.74	2,007.30	2,058.86	2,211.78	2,326.78	2,424.66	2,511.53	2,586.19		
402	Underground Cables								1,028.48	1,067.91	1,105.45	1,139.40	1,168.32	1,206.76	1,248.38	1,279.36	1,300.82	1,327.82		



## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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			
403 Transformers									458.50	560.93	671.93	764.48	828.88	884.76	945.31	1,004.23	1,060.66	1,122.02
404 Switchgear									400.47	457.81	515.47	556.70	583.07	605.02	631.47	655.70	677.48	701.80
405 Street lighting									96.11	95.18	95.13	94.91	93.22	90.22	87.50	84.60	81.36	78.43
406 Meters and Services									90.55	95.52	100.63	114.50	123.89	133.22	147.75	165.51	181.96	196.56
407 IT									119.41	113.52	110.57	96.49	97.93	108.36	119.04	120.71	109.76	95.29
408 SCADA & Communications									17.31	17.56	16.13	13.95	11.87	15.31	16.34	18.08	19.37	20.22
409 Other Distribution Non-Network									93.03	83.22	79.34	75.22	62.83	64.19	71.31	114.64	107.43	101.22
410 Distribution Land & Easements									-	-	-	-	-	7.56	21.24	58.01	61.50	64.42
411 Equity Raising Costs									5.91	10.46	13.87	14.90	14.55	14.18	13.82	13.46	13.09	12.73
412 Total									3,525.09	4,076.67	4,549.26	4,877.86	5,043.42	5,341.36	5,628.94	5,938.96	6,124.95	6,306.70

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
<b>7 Distribution TAB Summary</b>																	
8 Opening Asset Value								3,127.69	3,667.47	4,178.60	4,617.02	4,915.94	5,068.68	5,328.03	5,581.32	5,862.09	6,016.26
9 Capex								630.13	642.33	600.37	488.61	357.43	481.33	499.86	546.38	439.79	450.49
10 Depreciation								-85.96	-130.42	-157.17	-186.93	-204.08	-217.53	-239.42	-261.00	-285.62	-290.96
11 Accelerated Depreciation								-3.53	-0.49	-	-	-	-4.45	-7.16	-4.61	-	-
12 Redundant Asset								-0.86	-0.29	-4.79	-2.76	-0.62	-	-	-	-	-
13 Closing Asset Value								3,667.47	4,178.60	4,617.02	4,915.94	5,068.68	5,328.03	5,581.32	5,862.09	6,016.26	6,175.79
14																	
<b>15 Distribution TAB by asset categories</b>																	
<b>16 Opening Value</b>																	
17 Wooden Pole Lines								2,747.94	2,994.36	3,292.84	3,498.19	3,603.56	3,601.86	3,701.93	3,763.38	3,810.71	3,852.27
18 Underground Cables								110.23	179.50	229.74	278.14	322.82	362.89	411.72	463.99	505.21	536.50
19 Transformers								32.22	153.91	258.53	371.60	465.79	532.73	590.66	653.40	716.34	778.74
20 Switchgear								25.69	93.46	154.76	215.18	258.06	286.00	309.45	337.60	363.99	388.58
21 Street lighting								35.13	37.92	39.20	41.14	42.57	42.31	40.99	40.06	39.02	37.72
22 Meters and Services								3.25	14.65	22.44	32.46	53.03	70.26	82.41	100.50	122.66	144.23
23 IT&T								31.47	48.32	44.29	46.01	34.98	44.86	57.13	66.71	66.64	56.68
24 SCADA & Communications								15.87	17.21	17.09	16.97	17.93	19.82	19.42	19.33	19.95	19.95
25 Other Distribution Non-Network								107.67	107.48	97.71	98.63	99.66	92.58	92.35	100.76	143.31	123.57
26 Distribution Land & Easements								18.23	17.37	17.34	13.79	13.79	13.53	21.22	35.41	74.25	78.00
27 Equity Raising Costs								-	3.29	4.66	4.92	3.75	1.82	0.74	0.17	-0.00	-0.00
28 Total								3,127.69	3,667.47	4,178.60	4,617.02	4,915.94	5,068.68	5,328.03	5,581.32	5,862.09	6,016.26
<b>29 Capex (Actual AA1, AA2, AA3 &amp; Forecast AA4)</b>																	
30 Wooden Pole Lines								307.63	372.52	295.09	208.15	105.05	213.02	182.90	172.72	168.35	162.26
31 Underground Cables								69.71	55.20	55.43	53.72	50.98	61.42	66.89	58.03	49.82	57.67
32 Transformers								122.55	111.64	125.25	112.07	89.55	84.40	93.25	95.96	97.84	107.89
33 Switchgear								68.12	66.71	69.94	56.48	44.45	42.15	48.81	48.79	48.47	53.55
34 Street lighting								4.89	4.68	5.84	5.93	4.77	4.03	4.61	4.72	4.69	5.36
35 Meters and Services								11.41	8.84	11.69	23.06	21.37	17.67	24.60	30.13	31.32	32.00
36 IT&T								18.72	13.03	20.51	12.40	30.95	35.99	39.43	34.06	25.30	19.43
37 SCADA & Communications								3.35	2.71	2.68	3.70	5.06	3.40	3.91	4.86	4.62	4.34
38 Other Distribution Non-Network								18.26	2.52	10.42	11.76	5.25	11.54	21.28	58.26	5.63	4.80
39 Distribution Land & Easements								-	-	-	-	-	7.69	14.19	38.84	3.75	3.20
40 Equity Raising Costs								5.48	4.48	3.53	1.33	-	-	-	-	-	-
41 Total								630.13	642.33	600.37	488.61	357.43	481.33	499.86	546.38	439.79	450.49
<b>42 Depreciation</b>																	
43 Wooden Pole Lines								-58.57	-73.41	-88.50	-100.01	-106.75	-109.25	-116.43	-121.96	-126.79	-131.21
44 Underground Cables								-0.45	-4.97	-7.03	-9.05	-10.90	-12.59	-14.63	-16.80	-18.54	-19.87
45 Transformers								-0.16	-6.92	-12.19	-17.88	-22.62	-26.01	-28.96	-32.22	-35.44	-38.60
46 Switchgear								-0.17	-5.39	-9.52	-13.60	-16.51	-18.42	-20.06	-22.03	-23.87	-25.57
47 Street lighting								-2.10	-3.40	-3.90	-4.51	-5.03	-5.35	-5.54	-5.77	-5.99	-6.17
48 Meters and Services								-0.01	-1.04	-1.67	-2.48	-4.14	-5.53	-6.51	-7.97	-9.75	-11.48
49 IT&T								-1.87	-17.07	-18.79	-23.42	-21.07	-23.72	-29.85	-34.13	-35.26	-30.59
50 SCADA & Communications								-2.00	-2.83	-2.79	-2.75	-3.17	-3.81	-3.99	-4.24	-4.62	-4.88

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
51 Other Distribution Non-Network								-18.45	-12.28	-9.50	-10.72	-11.97	-11.77	-12.88	-15.71	-25.37	-22.57
52 Distribution Land & Easements								-	-	-	-	-	-	-	-	-	-
53 Equity Raising Costs								-2.19	-3.11	-3.28	-2.50	-1.93	-1.08	-0.57	-0.17	-	-
54 Total								-85.96	-130.42	-157.17	-186.93	-204.08	-217.53	-239.42	-261.00	-285.62	-290.96
55 <b>Accelerated Depreciation</b>																	
56 Wooden Pole Lines								-2.65	-0.37	-	-	-	-3.70	-5.02	-3.43	-	-
57 Underground Cables								-	-	-	-	-	-	-	-	-	-
58 Transformers								-0.71	-0.10	-	-	-	-0.47	-1.54	-0.81	-	-
59 Switchgear								-0.18	-0.02	-	-	-	-0.28	-0.59	-0.38	-	-
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	-	-	-	-4.45	-7.16	-4.61	-	-
68 <b>Redundant Assets</b>																	
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 <b>Closing Value</b>																	
82 Wooden Pole Lines								2,994.36	3,292.84	3,498.19	3,603.56	3,601.86	3,701.93	3,763.38	3,810.71	3,852.27	3,883.31
83 Underground Cables								179.50	229.74	278.14	322.82	362.89	411.72	463.99	505.21	536.50	574.30
84 Transformers								153.91	258.53	371.60	465.79	532.73	590.66	653.40	716.34	778.74	848.03
85 Switchgear								93.46	154.76	215.18	258.06	286.00	309.45	337.60	363.99	388.58	416.57
86 Street lighting								37.92	39.20	41.14	42.57	42.31	40.99	40.06	39.02	37.72	36.91
87 Meters and Services								14.65	22.44	32.46	53.03	70.26	82.41	100.50	122.66	144.23	164.75
88 IT&T								48.32	44.29	46.01	34.98	44.86	57.13	66.71	66.64	56.68	45.52
89 SCADA & Communications								17.21	17.09	16.97	17.93	19.82	19.42	19.33	19.95	19.95	19.41
90 Other Distribution Non-Network								107.48	97.71	98.63	99.66	92.58	92.35	100.76	143.31	123.57	105.79
91 Distribution Land & Easements								17.37	17.34	13.79	13.79	13.53	21.22	35.41	74.25	78.00	81.20
92 Equity Raising Costs								3.29	4.66	4.92	3.75	1.82	0.74	0.17	-0.00	-0.00	-0.00
93 Total								3,667.47	4,178.60	4,617.02	4,915.94	5,068.68	5,328.03	5,581.32	5,862.09	6,016.26	6,175.79
94																	

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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					
95 Initial Capital Base (ICB) (\$M Nominal)								2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
96 <b>Opening Value</b>																		
97 Wooden Pole Lines								2,747.94	2,686.72	2,626.36	2,566.25	2,504.89	2,446.97	2,385.36	2,322.42	2,261.07	2,203.15	
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	26.88	24.56	22.98	22.21	
100 Switchgear								25.69	25.35	24.47	23.64	22.81	21.99	20.88	19.46	18.26	17.44	
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	2,630.62	2,551.97	2,475.85	2,404.35	
109 <b>Depreciation</b>																		
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 <b>Accelerated Depreciation</b>																		
123 Wooden Pole Lines								-2.65	-0.37	-	-	-	-3.70	-5.02	-3.43	-	-	
124 Underground Cables								-	-	-	-	-	-	-	-	-	-	
125 Transformers								-0.71	-0.10	-	-	-	-0.47	-1.54	-0.81	-	-	
126 Switchgear								-0.18	-0.02	-	-	-	-0.28	-0.59	-0.38	-	-	
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	-	-	-	-4.45	-7.16	-4.61	-	-	
135 <b>Redundant Assets</b>																		
136 Wooden Pole Lines								-	-0.25	-1.24	-2.76	-	-	-	-	-	-	-
137 Underground Cables								-	-	-	-	-	-	-	-	-	-	
138 Transformers								-	-	-	-	-	-	-	-	-	-	

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
139 Switchgear								-	-	-	-	-	-	-	-	-	-
140 Street lighting								-	-	-	-	-	-	-	-	-	-
141 Meters and Services								-	-	-	-	-	-	-	-	-	-
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 <b>Closing Value</b>																	
149 Wooden Pole Lines								2,686.72	2,626.36	2,566.25	2,504.89	2,446.97	2,385.36	2,322.42	2,261.07	2,203.15	2,145.23
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	26.88	24.56	22.98	22.21	21.43
152 Switchgear								25.35	24.47	23.64	22.81	21.99	20.88	19.46	18.26	17.44	16.62
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	2,630.62	2,551.97	2,475.85	2,404.35	2,332.84
161																	
162 <b>Capital Expenditure</b>								2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
163 <b>Opening Value</b>																	
164 Wooden Pole Lines								-	307.63	666.48	931.95	1,098.67	1,154.89	1,316.58	1,440.96	1,549.65	1,649.12
165 Underground Cables								-	69.71	122.13	172.68	219.49	261.69	312.64	367.03	410.37	443.78
166 Transformers								-	122.55	228.06	341.92	436.89	504.60	563.78	628.84	693.36	756.54
167 Switchgear								-	68.12	130.28	191.54	235.25	264.02	288.57	318.14	345.72	371.14
168 Street lighting								-	4.89	8.92	13.57	17.69	20.11	21.46	23.20	24.83	26.21
169 Meters and Services								-	11.41	19.33	29.47	50.17	67.53	79.80	98.01	120.30	142.00
170 IT&T								-	18.72	22.39	31.71	28.26	43.91	57.13	66.71	66.64	56.68
171 SCADA & Communications								-	3.35	5.38	6.98	9.29	12.50	13.40	14.63	16.56	17.87
172 Other Distribution Non-Network								-	18.26	17.13	24.12	31.05	30.09	35.61	49.77	98.08	84.09
173 Distribution Land & Easements								-	-	-	-	-	-	7.69	21.88	60.72	64.47
174 Equity Raising Costs								-	3.29	4.66	4.92	3.75	1.82	0.74	0.17	-0.00	-0.00
175 Total								-	627.93	1,224.77	1,748.84	2,130.52	2,361.15	2,697.40	3,029.35	3,386.24	3,611.91
176 <b>Capex (i.e. Owner's Capex - Cash Contribution)</b>																	
177 Wooden Pole Lines								307.63	372.52	295.09	208.15	105.05	213.02	182.90	172.72	168.35	162.26
178 Underground Cables								69.71	55.20	55.43	53.72	50.98	61.42	66.89	58.03	49.82	57.67
179 Transformers								122.55	111.64	125.25	112.07	89.55	84.40	93.25	95.96	97.84	107.89
180 Switchgear								68.12	66.71	69.94	56.48	44.45	42.15	48.81	48.79	48.47	53.55
181 Street lighting								4.89	4.68	5.84	5.93	4.77	4.03	4.61	4.72	4.69	5.36
182 Meters and Services								11.41	8.84	11.69	23.06	21.37	17.67	24.60	30.13	31.32	32.00

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
183 IT&T								18.72	13.03	20.51	12.40	30.95	35.99	39.43	34.06	25.30	19.43
184 SCADA & Communications								3.35	2.71	2.68	3.70	5.06	3.40	3.91	4.86	4.62	4.34
185 Other Distribution Non-Network								18.26	2.52	10.42	11.76	5.25	11.54	21.28	58.26	5.63	4.80
186 Distribution Land & Easements								-	-	-	-	-	7.69	14.19	38.84	3.75	3.20
187 Equity Raising Costs								5.48	4.48	3.53	1.33	-	-	-	-	-	-
188 Total								630.13	642.33	600.37	488.61	357.43	481.33	499.86	546.38	439.79	450.49
189 <b>CAPEX Depreciation</b>																	
190 Wooden Pole Lines								-	-13.673	-29.621	-41.420	-48.830	-51.328	-58.515	-64.043	-68.873	-73.294
191 Underground Cables								-	-2.788	-4.885	-6.907	-8.780	-10.468	-12.506	-14.681	-16.415	-17.751
192 Transformers								-	-6.127	-11.403	-17.096	-21.845	-25.230	-28.189	-31.442	-34.668	-37.827
193 Switchgear								-	-4.541	-8.685	-12.769	-15.683	-17.601	-19.238	-21.209	-23.048	-24.743
194 Street lighting								-	-0.652	-1.189	-1.809	-2.359	-2.681	-2.861	-3.094	-3.311	-3.495
195 Meters and Services								-	-0.913	-1.547	-2.358	-4.014	-5.402	-6.384	-7.841	-9.624	-11.360
196 IT								-	-9.360	-11.197	-15.854	-15.298	-22.767	-29.848	-34.131	-35.255	-30.591
197 SCADA & Communications								-	-0.669	-1.077	-1.397	-1.858	-2.499	-2.680	-2.925	-3.312	-3.573
198 Other Distribution Non-Network								-	-3.652	-3.425	-4.823	-6.211	-6.018	-7.123	-9.954	-19.615	-16.818
199 Distribution Land & Easements								-	-	-	-	-	-	-	-	-	-
200 Equity Raising Costs								-2.194	-3.109	-3.277	-2.498	-1.925	-1.077	-0.572	-0.172	-	-
201 Total								-2.194	-45.485	-76.307	-106.931	-126.802	-145.072	-167.914	-189.493	-214.122	-219.453
202 <b>Depreciation 7</b>			7														
203 Wooden Pole Lines			7	45.00				-	-13.673	-13.065	-12.484	-11.929	-11.399	-10.893	-10.408	-9.946	-9.504
204 Underground Cables			7	50.00				-	-2.788	-2.677	-2.570	-2.467	-2.368	-2.274	-2.183	-2.095	-2.012
205 Transformers			7	40.00				-	-6.127	-5.821	-5.530	-5.253	-4.991	-4.741	-4.504	-4.279	-4.065
206 Switchgear			7	30.00				-	-4.541	-4.238	-3.956	-3.692	-3.446	-3.216	-3.002	-2.802	-2.615
207 Street lighting			7	15.00				-	-0.652	-0.565	-0.490	-0.425	-0.368	-0.319	-0.276	-0.240	-0.208
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				-	-3.652	-2.922	-2.337	-1.870	-1.496	-1.197	-0.957	-0.766	-0.613
212 Distribution Land & Easements			7	-				-	-	-	-	-	-	-	-	-	-
213 Equity Raising Costs			7	5.00				-2.194	-1.316	-0.790	-0.474	-0.711	-	-	-	-	-
214 Total			7					-2.194	-43.693	-36.134	-31.382	-29.741	-24.996	-23.460	-22.060	-20.777	-19.597
215 <b>Depreciation 8</b>			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				-1.792	-1.075	-0.645	-0.387	-0.581	-	-	-	-	-

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
227 Total								-	-1.792	-38.761	-33.324	-29.816	-28.502	-24.887	-23.573	-22.342	-21.187
228 <b>Depreciation 9</b>					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
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					-1.412	-0.847	-0.508	-0.305	-0.457	-	-
240 Total								-	-	-1.412	-41.693	-34.228	-29.653	-28.162	-23.638	-22.259	-20.989
241 <b>Depreciation 10</b>					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		-	-	-	-	-2.352	-1.882	-1.505	-1.204	-0.963	-0.771
251 Distribution Land & Easements					10	-		-	-	-	-	-	-	-	-	-	-
252 Equity Raising Costs					10	5.00					-0.532	-0.319	-0.191	-0.115	-0.172	-	-
253 Total								-	-	-	-0.532	-33.017	-27.889	-24.564	-23.096	-19.994	-18.741
254 <b>Depreciation 11</b>					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 <b>Depreciation 12</b>					12												
268 Wooden Pole Lines					12	45.00							-	-9.467	-9.047	-8.645	-8.260
269 Underground Cables					12	50.00							-	-2.457	-2.359	-2.264	-2.174
270 Transformers					12	40.00							-	-4.220	-4.009	-3.809	-3.618

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
271	Switchgear				12	30.00							-	-2.810	-2.623	-2.448	-2.285
272	Street lighting				12	15.00							-	-0.538	-0.466	-0.404	-0.350
273	Meters and Services				12	25.00							-	-1.414	-1.301	-1.197	-1.101
274	IT				12	4.00							-	-17.996	-8.998	-4.499	-4.499
275	SCADA & Communications				12	10.00							-	-0.681	-0.544	-0.436	-0.348
276	Other Distribution Non-Network				12	10.00							-	-2.308	-1.847	-1.477	-1.182
277	Distribution Land & Easements				12	-							-	-	-	-	-
278	Equity Raising Costs				12	5.00							-	-	-	-	-
279	Total												-	-41.891	-31.193	-25.178	-23.817
280	<b>Depreciation 13</b>				13												
281	Wooden Pole Lines				13	45.00							-	-	-8.129	-7.768	-7.422
282	Underground Cables				13	50.00							-	-	-2.676	-2.569	-2.466
283	Transformers				13	40.00							-	-	-4.663	-4.429	-4.208
284	Switchgear				13	30.00							-	-	-3.254	-3.037	-2.835
285	Street lighting				13	15.00							-	-	-0.614	-0.533	-0.462
286	Meters and Services				13	25.00							-	-	-1.968	-1.810	-1.666
287	IT				13	4.00							-	-	-19.714	-9.857	-4.928
288	SCADA & Communications				13	10.00							-	-	-0.782	-0.625	-0.500
289	Other Distribution Non-Network				13	10.00							-	-	-4.256	-3.405	-2.724
290	Distribution Land & Easements				13	-							-	-	-	-	-
291	Equity Raising Costs				13	5.00							-	-	-	-	-
292	Total												-	-	-46.055	-34.033	-27.211
293	<b>Depreciation 14</b>				14												
294	Wooden Pole Lines				14	45.00							-	-	-	-7.677	-7.335
295	Underground Cables				14	50.00							-	-	-	-2.321	-2.228
296	Transformers				14	40.00							-	-	-	-4.798	-4.558
297	Switchgear				14	30.00							-	-	-	-3.253	-3.036
298	Street lighting				14	15.00							-	-	-	-0.630	-0.546
299	Meters and Services				14	25.00							-	-	-	-2.410	-2.218
300	IT				14	4.00							-	-	-	-17.031	-8.515
301	SCADA & Communications				14	10.00							-	-	-	-0.971	-0.777
302	Other Distribution Non-Network				14	10.00							-	-	-	-11.652	-9.321
303	Distribution Land & Easements				14	-							-	-	-	-	-
304	Equity Raising Costs				14	5.00							-	-	-	-	-
305	Total												-	-	-	-50.743	-38.535
306	<b>Depreciation 15</b>				15												
307	Wooden Pole Lines				15	45.00							-	-	-	-	-7.482
308	Underground Cables				15	50.00							-	-	-	-	-1.993
309	Transformers				15	40.00							-	-	-	-	-4.892
310	Switchgear				15	30.00							-	-	-	-	-3.231
311	Street lighting				15	15.00							-	-	-	-	-0.625
312	Meters and Services				15	25.00							-	-	-	-	-2.506
313	IT				15	4.00							-	-	-	-	-12.648
314	SCADA & Communications				15	10.00							-	-	-	-	-0.924



## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
315 Other Distribution Non-Network					15	10.00							-	-	-	-	-1.126
316 Distribution Land & Easements					15	-							-	-	-	-	-
317 Equity Raising Costs					15	5.00											-
318 Total													-	-	-	-	-35.428
319 <b>Depreciation 16</b>				16													
320 Wooden Pole Lines				16	45.00								-	-	-	-	-
321 Underground Cables				16	50.00								-	-	-	-	-
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 <b>Closing Value</b>																	
333 Wooden Pole Lines							307.63	666.48	931.95	1,098.67	1,154.89	1,316.58	1,440.96	1,549.65	1,649.12	1,738.08	
334 Underground Cables							69.71	122.13	172.68	219.49	261.69	312.64	367.03	410.37	443.78	483.70	
335 Transformers							122.55	228.06	341.92	436.89	504.60	563.78	628.84	693.36	756.54	826.60	
336 Switchgear							68.12	130.28	191.54	235.25	264.02	288.57	318.14	345.72	371.14	399.95	
337 Street lighting							4.89	8.92	13.57	17.69	20.11	21.46	23.20	24.83	26.21	28.08	
338 Meters and Services							11.41	19.33	29.47	50.17	67.53	79.80	98.01	120.30	142.00	162.64	
339 IT							18.72	22.39	31.71	28.26	43.91	57.13	66.71	66.64	56.68	45.52	
340 SCADA & Communications							3.35	5.38	6.98	9.29	12.50	13.40	14.63	16.56	17.87	18.63	
341 Other Distribution Non-Network							18.26	17.13	24.12	31.05	30.09	35.61	49.77	98.08	84.09	72.07	
342 Distribution Land & Easements							-	-	-	-	-	7.69	21.88	60.72	64.47	67.67	
343 Equity Raising Costs							3.29	4.66	4.92	3.75	1.82	0.74	0.17	-0.00	-0.00	-0.00	
344 Total							627.93	1,224.77	1,748.84	2,130.52	2,361.15	2,697.40	3,029.35	3,386.24	3,611.91	3,842.95	

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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																	
7	Distribution RAB Summary																	
									AA3				AA4					
8	Opening Asset Value																	
9	Capex																	
10	Depreciation																	
11	Accelerated Depreciation																	
12	Redundant Asset																	
13	Closing Asset Value																	
14																		
15	Distribution RAB by asset categories																	
16	Opening Value																	
17	Transmission cables																	
18	Transmission steel towers																	
19	Transmission wood poles																	
20	Transmission metering																	
21	Transmission transformers																	
22	Transmission reactors																	
23	Transmission capacitors																	
24	Transmission circuit breakers																	
25	SCADA and communications																	
26	IT																	
27	Other non-network assets																	
28	Land & Easements																	
29	Equity raising costs																	
30	Total																	
31	Capex (Actual AA1, AA2, AA3 & Forecast AA4)																	
32	Transmission cables																	
33	Transmission steel towers																	
34	Transmission wood poles																	
35	Transmission metering																	
36	Transmission transformers																	
37	Transmission reactors																	
38	Transmission capacitors																	
39	Transmission circuit breakers																	
40	SCADA and communications																	
41	IT																	
42	Other non-network assets																	
43	Land & Easements																	
44	Equity raising costs																	
45	Total																	
46	Depreciation																	
47	Transmission cables																	
48	Transmission steel towers																	
49	Transmission wood poles																	
50	Transmission metering																	
									2,816.74	2,927.65	3,161.62	3,197.47	3,135.46	3,108.63	3,122.87	3,184.96	3,237.67	3,231.74
									209.308	341.626	159.198	119.897	104.067	123.945	177.307	174.737	122.859	123.758
									-93.97	-103.42	-114.05	-121.27	-129.44	-109.71	-115.21	-122.03	-128.80	-132.25
									-	-	-	-	-	-	-	-	-	-
									-4.42	-4.24	-9.30	-60.64	-1.45	-	-	-	-	-
									2,927.65	3,161.62	3,197.47	3,135.46	3,108.63	3,122.87	3,184.96	3,237.67	3,231.74	3,223.24
									36.29	51.20	80.91	88.42	89.51	89.94	92.10	93.81	92.87	92.06
									825.84	817.85	820.09	805.52	787.93	769.56	753.09	736.32	717.88	699.53
									236.19	252.26	268.35	284.76	294.02	300.90	313.18	337.59	358.50	372.77
									2.11	2.01	1.90	1.80	1.69	1.59	1.48	1.38	1.27	1.17
									379.28	423.23	513.01	537.80	551.62	558.11	570.18	598.30	615.67	628.76
									16.90	23.11	34.80	40.46	43.50	45.89	48.06	52.19	54.92	57.11
									155.07	152.53	153.69	148.84	142.61	136.12	130.31	124.38	117.81	111.27
									751.91	749.00	764.95	753.02	740.18	722.64	707.92	702.34	692.35	679.94
									68.78	69.55	73.78	78.95	86.48	86.86	88.32	96.85	106.53	113.30
									60.25	66.34	66.11	65.98	59.98	59.36	67.71	72.02	71.50	65.37
									62.12	62.96	57.65	53.11	48.62	41.53	41.96	46.99	66.65	63.87
									222.02	257.07	323.95	336.08	285.98	291.71	304.22	318.56	337.58	342.55
									-	0.55	2.43	2.72	3.34	4.43	4.33	4.24	4.15	4.05
									2,816.74	2,927.65	3,161.62	3,197.47	3,135.46	3,108.63	3,122.87	3,184.96	3,237.67	3,231.74
									15.77	31.08	9.62	3.56	3.30	4.13	3.75	1.17	1.31	0.92
									10.85	21.41	5.03	2.24	1.71	3.05	2.80	1.17	1.28	1.04
									28.57	29.23	30.32	23.92	22.42	27.74	40.48	37.89	32.08	32.70
									-	-	-	-	-	-	-	-	-	-
									57.82	107.67	42.52	33.29	26.47	29.53	46.18	36.35	32.80	37.72
									6.68	12.38	6.67	4.21	3.76	3.29	5.32	4.03	3.57	4.16
									3.99	7.86	2.10	0.85	0.72	1.09	0.99	0.37	0.41	0.32
									24.05	43.58	16.61	16.31	12.23	14.45	23.88	19.95	17.93	20.88
									6.10	10.98	13.10	16.78	11.51	9.18	15.56	18.12	16.87	13.12
									10.17	6.70	9.54	5.27	12.33	14.08	15.15	12.85	9.37	7.07
									6.48	1.13	3.17	3.28	1.36	4.89	8.86	23.82	2.26	1.89
									38.28	67.71	20.15	9.49	7.06	12.50	14.34	19.02	4.97	3.93
									0.55	1.90	0.36	0.69	1.20	-	-	-	-	-
									209.31	341.63	159.20	119.90	104.07	123.95	177.31	174.74	122.86	123.76
									-0.86	-1.37	-2.10	-2.47	-2.87	-1.97	-2.04	-2.11	-2.13	-2.15
									-18.85	-19.16	-19.60	-19.83	-20.08	-19.52	-19.57	-19.61	-19.63	-19.65
									-12.49	-13.14	-13.91	-14.66	-15.55	-15.46	-16.07	-16.97	-17.82	-18.53
									-0.11	-0.11	-0.11	-0.11	-0.11	-0.11	-0.11	-0.11	-0.11	-0.11

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
51	Transmission transformers	-12.68	-14.48	-16.93	-18.42	-19.98	-17.47	-18.06	-18.98	-19.71	-20.36							
52	Transmission reactors	-0.47	-0.70	-1.00	-1.18	-1.36	-1.13	-1.19	-1.30	-1.38	-1.45							
53	Transmission capacitors	-6.53	-6.70	-6.95	-7.07	-7.21	-6.89	-6.92	-6.95	-6.96	-6.97							
54	Transmission circuit breakers	-26.95	-27.63	-28.54	-29.15	-29.78	-29.17	-29.46	-29.94	-30.34	-30.69							
55	SCADA and communications	-5.33	-6.74	-7.94	-9.25	-11.12	-7.73	-7.03	-8.44	-10.09	-11.62							
56	IT	-4.07	-6.92	-9.67	-11.27	-12.95	-5.72	-10.84	-13.37	-15.51	-15.49							
57	Other non-network assets	-5.64	-6.44	-7.23	-7.78	-8.33	-4.46	-3.83	-4.16	-5.04	-5.13							
58	Land & Easements	-	-	-	-	-	-	-	-	-	-							
59	Equity raising costs	-	-0.02	-0.07	-0.08	-0.11	-0.09	-0.09	-0.09	-0.09	-0.09							
60	Total	-93.97	-103.42	-114.05	-121.27	-129.44	-109.71	-115.21	-122.03	-128.80	-132.25							
61	<b>Accelerated Depreciation</b>																	
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	<b>Redundant Assets</b>																	
77	Transmission cables	-	-	-	-	-	-	-	-	-	-							
78	Transmission steel towers	-	-	-	-	-	-	-	-	-	-							
79	Transmission wood poles	-	-	-	-	-	-	-	-	-	-							
80	Transmission metering	-	-	-	-	-	-	-	-	-	-							
81	Transmission transformers	-1.19	-3.41	-0.80	-1.05	-	-	-	-	-	-							
82	Transmission reactors	-	-	-	-	-	-	-	-	-	-							
83	Transmission capacitors	-	-	-	-	-	-	-	-	-	-							
84	Transmission circuit breakers	-	-	-	-	-	-	-	-	-	-							
85	SCADA and communications	-	-	-	-	-	-	-	-	-	-							
86	IT	-	-	-	-	-	-	-	-	-	-							
87	Other non-network assets	-	-	-0.47	-	-0.12	-	-	-	-	-							
88	Land & Easements	-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	-	-	-	-	-							
91	<b>Closing Value</b>																	
92	Transmission cables	51.20	80.91	88.42	89.51	89.94	92.10	93.81	92.87	92.06	90.83							
93	Transmission steel towers	817.85	820.09	805.52	787.93	769.56	753.09	736.32	717.88	699.53	680.91							
94	Transmission wood poles	252.26	268.35	284.76	294.02	300.90	313.18	337.59	358.50	372.77	386.94							



# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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								
139																		
140	<b>Accelerated Depreciation</b>																	
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	<b>Redundant Assets (removed from ICB)</b>																	
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	<b>Closing Value</b>																	
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							
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							

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision]

### Transmission Asset

	2	3	4	5	6	7	8	9	17	18	19	20	21	22	23	24	25	26
4	<b>Year Ending 30 June</b>																	
5	<b>Project Year</b>																	
6	<b>Regulatory Period</b>																	
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	<b>Capital Expenditure</b>																	
187	<b>Project Year</b>																	
188	<b>Opening Value</b>																	
189	Transmission cables								23.16	38.48	68.60	76.52	78.01	78.85	81.43	83.54	83.02	82.61
190	Transmission steel towers								423.47	426.87	440.52	437.35	431.15	424.18	419.11	413.74	406.70	399.75
191	Transmission wood poles								77.43	104.16	130.90	157.97	177.89	195.42	218.35	253.42	284.99	309.90
192	Transmission metering								-	-	-	-	-	-	-	-	-	-
193	Transmission transformers								226.57	279.55	380.57	414.00	436.70	451.02	470.47	505.98	530.73	551.21
194	Transmission reactors								12.96	19.36	31.23	37.08	40.30	42.89	45.24	49.56	52.47	54.86
195	Transmission capacitors								82.30	84.01	89.43	88.83	86.87	84.63	83.08	81.40	79.08	76.80
196	Transmission circuit breakers								289.90	307.80	344.56	353.44	361.42	364.68	370.78	386.00	396.83	405.23
197	SCADA and communications								48.08	52.68	60.75	69.75	81.11	85.33	88.32	96.85	106.53	113.30
198	IT								60.25	66.34	66.11	65.98	59.98	59.36	67.71	72.02	71.50	65.37
199	Other non-network assets								46.33	49.80	47.12	45.69	43.82	39.48	41.96	46.99	66.65	63.87
200	Land & Easements								123.63	161.92	229.63	249.78	259.28	266.34	278.84	293.19	312.21	317.18
201	Equity raising costs								-	0.55	2.43	2.72	3.34	4.43	4.33	4.24	4.15	4.05
202	Total								1,414.08	1,591.53	1,891.86	1,999.12	2,059.87	2,096.61	2,169.63	2,286.93	2,394.85	2,444.12
203	<b>Capex (Adjusted actual owner's capex)</b>																	
204	Transmission cables								15.771	31.083	9.617	3.556	3.300	4.133	3.745	1.174	1.313	0.924
205	Transmission steel towers								10.854	21.406	5.032	2.237	1.708	3.046	2.797	1.173	1.282	1.039
206	Transmission wood poles								28.567	29.226	30.324	23.925	22.422	27.741	40.483	37.890	32.079	32.703
207	Transmission metering								-	-	-	-	-	-	-	-	-	-
208	Transmission transformers								57.823	107.672	42.523	33.285	26.467	29.534	46.177	36.346	32.801	37.719
209	Transmission reactors								6.680	12.381	6.671	4.211	3.762	3.293	5.320	4.025	3.573	4.158
210	Transmission capacitors								3.985	7.857	2.098	0.854	0.716	1.087	0.992	0.373	0.411	0.318
211	Transmission circuit breakers								24.047	43.582	16.606	16.309	12.232	14.453	23.878	19.947	17.932	20.883
212	SCADA and communications								6.104	10.978	13.103	16.780	11.509	9.180	15.562	18.120	16.866	13.123
213	IT								10.165	6.697	9.539	5.267	12.331	14.082	15.147	12.849	9.370	7.066
214	Other non-network assets								6.480	1.131	3.172	3.284	1.359	4.894	8.861	23.819	2.261	1.892
215	Land & Easements								38.283	67.714	20.152	9.493	7.064	12.503	14.344	19.022	4.971	3.931
216	Equity raising costs								0.549	1.899	0.362	0.695	1.196	-	-	-	-	-
217	Total								209.308	341.626	159.198	119.897	104.067	123.945	177.307	174.737	122.859	123.758
218	<b>Capex (used for depreciation calculation)</b>																	
219	Transmission cables								15.77	31.08	9.62	3.56	3.30	4.13	3.75	1.17	1.31	0.92
220	Transmission steel towers								10.85	21.41	5.03	2.24	1.71	3.05	2.80	1.17	1.28	1.04
221	Transmission wood poles								28.57	29.23	30.32	23.92	22.42	27.74	40.48	37.89	32.08	32.70
222	Transmission metering								-	-	-	-	-	-	-	-	-	-
223	Transmission transformers								57.82	107.67	42.52	33.29	26.47	29.53	46.18	36.35	32.80	37.72
224	Transmission reactors								6.68	12.38	6.67	4.21	3.76	3.29	5.32	4.03	3.57	4.16
225	Transmission capacitors								3.99	7.86	2.10	0.85	0.72	1.09	0.99	0.37	0.41	0.32

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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								
226	Transmission circuit breakers	24.05	43.58	16.61	16.31	12.23	14.45	23.88	19.95	17.93	20.88							
227	SCADA and communications	6.10	10.98	13.10	16.78	11.51	9.18	15.56	18.12	16.87	13.12							
228	IT	10.17	6.70	9.54	5.27	12.33	14.08	15.15	12.85	9.37	7.07							
229	Other non-network assets	6.48	1.13	3.17	3.28	1.36	4.89	8.86	23.82	2.26	1.89							
230	Land & Easements	38.28	67.71	20.15	9.49	7.06	12.50	14.34	19.02	4.97	3.93							
231	Equity raising costs	0.55	1.90	0.36	0.69	1.20	-	-	-	-	-							
232	Total	209.31	341.63	159.20	119.90	104.07	123.95	177.31	174.74	122.86	123.76							
233	<b>CAPEX Depreciation</b>																	
234	Transmission cables	-0.447	-0.963	-1.696	-2.065	-2.459	-1.557	-1.632	-1.700	-1.722	-1.745							
235	Transmission steel towers	-7.453	-7.761	-8.202	-8.432	-8.677	-8.118	-8.169	-8.215	-8.235	-8.256							
236	Transmission wood poles	-1.838	-2.485	-3.259	-4.003	-4.894	-4.804	-5.420	-6.320	-7.162	-7.875							
237	Transmission metering	-	-	-	-	-	-	-	-	-	-							
238	Transmission transformers	-4.845	-6.651	-9.097	-10.585	-12.145	-10.081	-10.671	-11.595	-12.322	-12.978							
239	Transmission reactors	-0.280	-0.509	-0.815	-0.991	-1.177	-0.938	-1.004	-1.110	-1.191	-1.262							
240	Transmission capacitors	-2.270	-2.444	-2.692	-2.819	-2.955	-2.639	-2.666	-2.691	-2.700	-2.710							
241	Transmission circuit breakers	-6.141	-6.822	-7.726	-8.335	-8.968	-8.359	-8.648	-9.126	-9.525	-9.884							
242	SCADA and communications	-1.502	-2.910	-4.107	-5.417	-7.292	-6.194	-7.028	-8.443	-10.090	-11.624							
243	IT	-4.075	-6.924	-9.668	-11.274	-12.951	-5.725	-10.841	-13.365	-15.507	-15.487							
244	Other non-network assets	-3.005	-3.813	-4.602	-5.149	-5.700	-2.415	-3.833	-4.161	-5.043	-5.127							
245	Land & Easements	-	-	-	-	-	-	-	-	-	-							
246	Equity raising costs	-	-0.017	-0.068	-0.078	-0.109	-0.094	-0.094	-0.094	-0.094	-0.094							
247	Total	-31.855	-41.300	-51.934	-59.148	-67.327	-50.924	-60.007	-66.821	-73.590	-77.041							
248	<b>Redundant Asset (residual value)</b>																	
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	-	-	-	-	-	-	-	-	-	-							
258	IT	-	-	-	-	-	-	-	-	-	-							
259	Other non-network assets	-	-	-	-	-	-	-	-	-	-							
260	Land & Easements	-	-	-	-	-	-	-	-	-	-							
261	Equity raising costs	-	-	-	-	-	-	-	-	-	-							
262	Total	-	-	-	-	-	-	-	-	-	-							
263	<b>Closing Value</b>																	
264	Transmission cables	38.48	68.60	76.52	78.01	78.85	81.43	83.54	83.02	82.61	81.79							
265	Transmission steel towers	426.87	440.52	437.35	431.15	424.18	419.11	413.74	406.70	399.75	392.53							
266	Transmission wood poles	104.16	130.90	157.97	177.89	195.42	218.35	253.42	284.99	309.90	334.73							
267	Transmission metering	-	-	-	-	-	-	-	-	-	-							
268	Transmission transformers	279.55	380.57	414.00	436.70	451.02	470.47	505.98	530.73	551.21	575.95							
269	Transmission reactors	19.36	31.23	37.08	40.30	42.89	45.24	49.56	52.47	54.86	57.75							

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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					
270	Transmission capacitors								84.01	89.43	88.83	86.87	84.63	83.08	81.40	79.08	76.80	74.40
271	Transmission circuit breakers								307.80	344.56	353.44	361.42	364.68	370.78	386.00	396.83	405.23	416.23
272	SCADA and communications								52.68	60.75	69.75	81.11	85.33	88.32	96.85	106.53	113.30	114.80
273	IT								66.34	66.11	65.98	59.98	59.36	67.71	72.02	71.50	65.37	56.95
274	Other non-network assets								49.80	47.12	45.69	43.82	39.48	41.96	46.99	66.65	63.87	60.63
275	Land & Easements								161.92	229.63	249.78	259.28	266.34	278.84	293.19	312.21	317.18	321.11
276	Equity raising costs								0.55	2.43	2.72	3.34	4.43	4.33	4.24	4.15	4.05	3.96
277	Total								1,591.53	1,891.86	1,999.12	2,059.87	2,096.61	2,169.63	2,286.93	2,394.85	2,444.12	2,490.84
278																		
279	<b>Depreciation 1</b>	<b>1</b>	<b>Life</b>															
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
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
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
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
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
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
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
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
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
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
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
294	<b>Depreciation 2</b>	<b>2</b>																
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
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
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
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
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	<b>Depreciation 3</b>	<b>3</b>																
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						-	-	-	-	-	-	-	-	-	-



# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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					
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	<b>Depreciation 4</b>	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	<b>Depreciation 5</b>	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
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	<b>Depreciation 6</b>	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

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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						
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	<b>Depreciation 7</b>	7																
370	Transmission cables	7	55.00						-	-0.516	-0.516	-0.516	-0.516	-0.269	-0.269	-0.269	-0.269	-0.269
371	Transmission steel towers	7	60.00						-	-0.309	-0.309	-0.309	-0.309	-0.172	-0.172	-0.172	-0.172	-0.172
372	Transmission wood poles	7	45.00						-	-0.648	-0.648	-0.648	-0.648	-0.634	-0.634	-0.634	-0.634	-0.634
373	Transmission metering	7	40.00						-	-	-	-	-	-	-	-	-	-
374	Transmission transformers	7	50.00						-	-1.806	-1.806	-1.806	-1.806	-1.100	-1.100	-1.100	-1.100	-1.100
375	Transmission reactors	7	50.00						-	-0.229	-0.229	-0.229	-0.229	-0.125	-0.125	-0.125	-0.125	-0.125
376	Transmission capacitors	7	40.00						-	-0.174	-0.174	-0.174	-0.174	-0.091	-0.091	-0.091	-0.091	-0.091
377	Transmission circuit breakers	7	50.00						-	-0.680	-0.680	-0.680	-0.680	-0.464	-0.464	-0.464	-0.464	-0.464
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	-0.253	-0.253	-0.253	-0.253	-0.253
381	Land & Easements	7	-						-	-	-	-	-	-	-	-	-	-
382	Equity raising costs	7	49.00						-	-0.017	-0.017	-0.017	-0.017	-0.011	-0.011	-0.011	-0.011	-0.011
383	Total								-	-9.446	-9.446	-9.446	-9.446	-1.951	-3.185	-3.185	-3.185	-3.185
384	<b>Depreciation 8</b>	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	1.236	-	-	-	-
396	Land & Easements	8	-						-	-	-	-	-	-	-	-	-	-
397	Equity raising costs	8	49.00						-	-	-0.051	-0.051	-0.051	-0.038	-0.038	-0.038	-0.038	-0.038
398	Total								-	-	-10.633	-10.633	-10.633	-3.180	-5.950	-5.950	-5.950	-5.950
399	<b>Depreciation 9</b>	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

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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								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						
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	-0.140	-0.140	-0.140	-0.140	-0.140
411	Land & Easements	9	-						-	-	-	-	-	-	-	-	-	-
412	Equity raising costs	9	49.00						-	-	-	-0.009	-0.009	-0.007	-0.007	-0.007	-0.007	-0.007
413	Total								-	-	-	-7.215	-7.215	-5.136	-5.136	-5.136	-5.136	-3.554
414	<b>Depreciation 10</b>		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	-0.172	-0.172	-0.172	-0.172	-0.172
426	Land & Easements	10	-						-	-	-	-	-	-	-	-	-	-
427	Equity raising costs	10	49.00						-	-	-	-	-0.032	-0.014	-0.014	-0.014	-0.014	-0.014
428	Total								-	-	-	-	-8.179	-4.079	-4.079	-4.079	-4.079	-4.079
429	<b>Depreciation 11</b>		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											-0.081	-0.081	-0.081	-0.081	-0.081
441	Land & Easements	11	-											-	-	-	-	-
442	Equity raising costs	11	49.00											-0.024	-0.024	-0.024	-0.024	-0.024
443	Total													-4.660	-4.660	-4.660	-4.660	-4.660
444	<b>Depreciation 12</b>		12															
445	Transmission cables	12	55.00											-	-0.075	-0.075	-0.075	-0.075

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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					
446	Transmission steel towers				12	60.00									-0.051	-0.051	-0.051	-0.051
447	Transmission wood poles				12	45.00									-0.616	-0.616	-0.616	-0.616
448	Transmission metering				12	40.00									-	-	-	-
449	Transmission transformers				12	50.00									-0.591	-0.591	-0.591	-0.591
450	Transmission reactors				12	50.00									-0.066	-0.066	-0.066	-0.066
451	Transmission capacitors				12	40.00									-0.027	-0.027	-0.027	-0.027
452	Transmission circuit breakers				12	50.00									-0.289	-0.289	-0.289	-0.289
453	SCADA and communications				12	11.00									-0.835	-0.835	-0.835	-0.835
454	IT				12	6.00									-2.347	-2.347	-2.347	-2.347
455	Other non-network assets				12	27.00									-0.181	-0.181	-0.181	-0.181
456	Land & Easements				12	-									-	-	-	-
457	Equity raising costs				12	49.00									-	-	-	-
458	Total														-5.078	-5.078	-5.078	-5.078
459	<b>Depreciation 13</b>				13													
460	Transmission cables				13	55.00									-	-0.068	-0.068	-0.068
461	Transmission steel towers				13	60.00									-	-0.047	-0.047	-0.047
462	Transmission wood poles				13	45.00									-	-0.900	-0.900	-0.900
463	Transmission metering				13	40.00									-	-	-	-
464	Transmission transformers				13	50.00									-	-0.924	-0.924	-0.924
465	Transmission reactors				13	50.00									-	-0.106	-0.106	-0.106
466	Transmission capacitors				13	40.00									-	-0.025	-0.025	-0.025
467	Transmission circuit breakers				13	50.00									-	-0.478	-0.478	-0.478
468	SCADA and communications				13	11.00									-	-1.415	-1.415	-1.415
469	IT				13	6.00									-	-2.525	-2.525	-2.525
470	Other non-network assets				13	27.00									-	-0.328	-0.328	-0.328
471	Land & Easements				13	-									-	-	-	-
472	Equity raising costs				13	49.00									-	-	-	-
473	Total														-	-6.814	-6.814	-6.814
474	<b>Depreciation 14</b>				14													
475	Transmission cables				14	55.00									-	-	-0.021	-0.021
476	Transmission steel towers				14	60.00									-	-	-0.020	-0.020
477	Transmission wood poles				14	45.00									-	-	-0.842	-0.842
478	Transmission metering				14	40.00									-	-	-	-
479	Transmission transformers				14	50.00									-	-	-0.727	-0.727
480	Transmission reactors				14	50.00									-	-	-0.081	-0.081
481	Transmission capacitors				14	40.00									-	-	-0.009	-0.009
482	Transmission circuit breakers				14	50.00									-	-	-0.399	-0.399
483	SCADA and communications				14	11.00									-	-	-1.647	-1.647
484	IT				14	6.00									-	-	-2.142	-2.142
485	Other non-network assets				14	27.00									-	-	-0.882	-0.882
486	Land & Easements				14	-									-	-	-	-
487	Equity raising costs				14	49.00									-	-	-	-
488	Total														-	-	-6.770	-6.770
489	<b>Depreciation 15</b>				15													

### ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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					
490	Transmission cables				15	55.00								-	-	-	-	-0.024
491	Transmission steel towers				15	60.00								-	-	-	-	-0.021
492	Transmission wood poles				15	45.00								-	-	-	-	-0.713
493	Transmission metering				15	40.00								-	-	-	-	-
494	Transmission transformers				15	50.00								-	-	-	-	-0.656
495	Transmission reactors				15	50.00								-	-	-	-	-0.071
496	Transmission capacitors				15	40.00								-	-	-	-	-0.010
497	Transmission circuit breakers				15	50.00								-	-	-	-	-0.359
498	SCADA and communications				15	11.00								-	-	-	-	-1.533
499	IT				15	6.00								-	-	-	-	-1.562
500	Other non-network assets				15	27.00								-	-	-	-	-0.084
501	Land & Easements				15	-								-	-	-	-	-
502	Equity raising costs				15	49.00								-	-	-	-	-
503	Total													-	-	-	-	-5.033

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
<b>7 Distribution TAB Summary</b>																	
8 Opening Asset Value								2,043.26	2,167.36	2,406.59	2,460.08	2,418.84	2,420.17	2,443.04	2,517.69	2,584.37	2,589.72
9 Capex								194.37	326.81	154.60	117.62	104.07	126.23	183.89	184.56	132.15	135.57
10 Depreciation								-65.05	-80.27	-90.83	-98.34	-101.17	-103.36	-109.24	-117.88	-126.80	-128.07
11 Accelerated Depreciation								-	-	-	-	-	-	-	-	-	-
12 Redundant Asset								-5.22	-7.32	-10.27	-60.52	-1.57	-	-	-	-	-
13 Closing Asset Value								2,167.36	2,406.59	2,460.08	2,418.84	2,420.17	2,443.04	2,517.69	2,584.37	2,589.72	2,597.22
14																	
<b>15 Distribution TAB by asset categories</b>																	
<b>16 Opening Value</b>																	
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
<b>31 Capex (Actual AA1, AA2, AA3 &amp; Forecast AA4)</b>																	
32 Transmission cables								14.65	29.73	9.34	3.49	3.30	4.21	3.88	1.24	1.41	1.01
33 Transmission steel towers								10.08	20.48	4.89	2.19	1.71	3.10	2.90	1.24	1.38	1.14
34 Transmission wood poles								26.53	27.96	29.45	23.47	22.42	28.25	41.99	40.02	34.51	35.82
35 Transmission metering								-	-	-	-	-	-	-	-	-	-
36 Transmission transformers								53.70	103.00	41.29	32.65	26.47	30.08	47.89	38.39	35.28	41.32
37 Transmission reactors								6.20	11.84	6.48	4.13	3.76	3.35	5.52	4.25	3.84	4.55
38 Transmission capacitors								3.70	7.52	2.04	0.84	0.72	1.11	1.03	0.39	0.44	0.35
39 Transmission circuit breakers								22.33	41.69	16.13	16.00	12.23	14.72	24.76	21.07	19.29	22.88
40 SCADA and communications								5.67	10.50	12.72	16.46	11.51	9.35	16.14	19.14	18.14	14.38
41 IT								9.44	6.41	9.26	5.17	12.33	14.34	15.71	13.57	10.08	7.74
42 Other non-network assets								6.02	1.08	3.08	3.22	1.36	4.98	9.19	25.16	2.43	2.07
43 Land & Easements								35.55	64.78	19.57	9.31	7.06	12.73	14.88	20.09	5.35	4.31
44 Equity raising costs								0.51	1.82	0.35	0.68	1.20	-	-	-	-	-
45 Total								194.37	326.81	154.60	117.62	104.07	126.23	183.89	184.56	132.15	135.57
<b>46 Depreciation</b>																	
47 Transmission cables								-37.26	-37.92	-38.82	-39.04	-39.07	-39.11	-39.20	-39.26	-39.21	-39.17
48 Transmission steel towers								-0.28	-1.70	-2.54	-2.69	-2.73	-2.74	-2.81	-2.87	-2.86	-2.85
49 Transmission wood poles								-0.04	-1.32	-2.45	-3.59	-4.44	-5.20	-6.18	-7.70	-9.07	-10.15
50 Transmission metering								-	-	-	-	-	-	-	-	-	-

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
51 Transmission transformers								-3.35	-6.66	-11.66	-13.33	-14.52	-15.31	-16.25	-18.03	-19.25	-20.25
52 Transmission reactors								-0.01	-0.36	-0.94	-1.22	-1.36	-1.49	-1.58	-1.78	-1.91	-2.01
53 Transmission capacitors								-0.09	-0.52	-0.88	-0.95	-0.97	-0.97	-0.99	-1.01	-1.00	-0.99
54 Transmission circuit breakers								-0.15	-1.73	-3.75	-4.40	-5.01	-5.40	-5.90	-6.87	-7.61	-8.23
55 SCADA and communications								-6.29	-8.17	-9.03	-10.34	-12.17	-13.04	-13.43	-14.84	-16.50	-17.74
56 IT								-1.30	-9.58	-10.35	-12.19	-9.92	-9.42	-12.06	-13.63	-14.05	-12.19
57 Other non-network assets								-16.06	-11.47	-9.76	-9.91	-10.06	-10.02	-10.56	-11.69	-15.20	-14.50
58 Land & Easements								-	-	-	-	-	-	-	-	-	-
59 Equity raising costs								-0.20	-0.85	-0.65	-0.66	-0.92	-0.65	-0.28	-0.19	-0.15	-
60 Total								-65.05	-80.27	-90.83	-98.34	-101.17	-103.36	-109.24	-117.88	-126.80	-128.07
61 <b>Accelerated Depreciation</b>																	
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 <b>Redundant Assets</b>																	
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	-	-	-	-	-
91 <b>Closing Value</b>																	
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

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
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	Opening Value																
109	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						
110	Transmission steel towers	58.79	58.50	57.22	55.95	54.68	53.40	52.12	50.84	49.56	48.28						
111	Transmission wood poles	9.14	9.10	8.90	8.70	8.50	8.30	8.11	7.91	7.71	7.51						
112	Transmission metering	-	-	-	-	-	-	-	-	-	-						
113	Transmission transformers	165.50	161.04	153.80	149.06	144.08	140.10	136.13	132.15	128.18	124.20						
114	Transmission reactors	1.93	1.92	1.87	1.82	1.77	1.72	1.67	1.62	1.57	1.52						
115	Transmission capacitors	12.79	12.70	12.37	12.04	11.71	11.38	11.05	10.72	10.39	10.06						
116	Transmission circuit breakers	23.56	23.41	22.80	22.19	21.58	20.98	20.37	19.76	19.15	18.54						
117	SCADA and communications	72.73	66.45	59.18	52.59	46.34	40.23	34.13	28.02	21.92	15.82						
118	IT	18.77	17.47	12.61	7.82	3.04	-	-	-	-	-						
119	Other non-network assets	151.00	134.94	124.43	115.20	106.60	98.04	89.61	81.17	72.74	64.30						
120	Land & Easements	200.15	197.14	196.35	188.56	130.10	128.77	128.77	128.77	128.77	128.77						
121	Equity raising costs	-	-	-	-	-	-	-	-	-	-						
122	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						
123	Depreciation																
124	Transmission cables	-37.26	-37.30	-36.98	-36.88	-36.85	-36.85	-36.85	-36.85	-36.85	-36.85						
125	Transmission steel towers	-0.28	-1.28	-1.27	-1.27	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28						
126	Transmission wood poles	-0.04	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20						
127	Transmission metering	-	-	-	-	-	-	-	-	-	-						
128	Transmission transformers	-3.35	-3.98	-3.96	-3.95	-3.97	-3.97	-3.97	-3.97	-3.97	-3.97						
129	Transmission reactors	-0.01	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05						
130	Transmission capacitors	-0.09	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33						
131	Transmission circuit breakers	-0.15	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61						
132	SCADA and communications	-6.29	-7.27	-6.59	-6.26	-6.10	-6.10	-6.10	-6.10	-6.10	-6.10						
133	IT	-1.30	-4.86	-4.79	-4.78	-3.04	-	-	-	-	-						
134	Other non-network assets	-16.06	-10.51	-8.78	-8.60	-8.44	-8.44	-8.44	-8.44	-8.44	-8.44						
135	Land & Easements	-	-	-	-	-	-	-	-	-	-						
136	Equity raising costs	-	-	-	-	-	-	-	-	-	-						
137	Total	-64.85	-66.38	-63.55	-62.92	-60.88	-57.84	-57.84	-57.84	-57.84	-57.84						
138	Accelerated Depreciation																



## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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					
139 Transmission cables	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
140 Transmission steel towers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
141 Transmission wood poles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
142 Transmission metering	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
143 Transmission transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
144 Transmission reactors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
145 Transmission capacitors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
146 Transmission circuit breakers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
147 SCADA and communications	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
148 IT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
149 Other non-network assets	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
150 Land & Easements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
151 Equity raising costs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
152 Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
153 <b>Redundant Assets</b>																		
154 Transmission cables	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
155 Transmission steel towers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
156 Transmission wood poles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
157 Transmission metering	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
158 Transmission transformers	-	-	-	-	-	-	-	-1.11	-3.26	-0.78	-1.03	-	-	-	-	-	-	
159 Transmission reactors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
160 Transmission capacitors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
161 Transmission circuit breakers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
162 SCADA and communications	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
163 IT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
164 Other non-network assets	-	-	-	-	-	-	-	-	-	-0.46	-	-0.12	-	-	-	-	-	
165 Land & Easements	-	-	-	-	-	-	-	-3.00	-0.79	-7.79	-58.46	-1.33	-	-	-	-	-	
166 Equity raising costs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
167 Total	-	-	-	-	-	-	-	-4.11	-4.05	-9.03	-59.49	-1.45	-	-	-	-	-	
168 <b>Closing Value</b>																		
169 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	
170 Transmission steel towers								58.50	57.22	55.95	54.68	53.40	52.12	50.84	49.56	48.28	47.00	
171 Transmission wood poles								9.10	8.90	8.70	8.50	8.30	8.11	7.91	7.71	7.51	7.31	
172 Transmission metering								-	-	-	-	-	-	-	-	-	-	
173 Transmission transformers								161.04	153.80	149.06	144.08	140.10	136.13	132.15	128.18	124.20	120	
174 Transmission reactors								1.92	1.87	1.82	1.77	1.72	1.67	1.62	1.57	1.52	1.47	
175 Transmission capacitors								12.70	12.37	12.04	11.71	11.38	11.05	10.72	10.39	10.06	9.73	
176 Transmission circuit breakers								23.41	22.80	22.19	21.58	20.98	20.37	19.76	19.15	18.54	17.93	
177 SCADA and communications								66.45	59.18	52.59	46.34	40.23	34.13	28.02	21.92	15.82	9.71	
178 IT								17.47	12.61	7.82	3.04	-	-	-	-	-	-	
179 Other non-network assets								134.94	124.43	115.20	106.60	98.04	89.61	81.17	72.74	64.30	55.87	
180 Land & Easements								197.14	196.35	188.56	130.10	128.77	128.77	128.77	128.77	128.77	128.77	128.77
181 Equity raising costs								-	-	-	-	-	-	-	-	-	-	
182 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	

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
183																	
184 Capital Expenditure								2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
185 Project Year								7	8	9	10	11	12	13	14	15	16
186 <b>Opening Value</b>																	
187 Transmission cables	-	14.65	43.76	51.26	52.59	53.68	55.62	57.17	56.00	55.05							
188 Transmission steel towers	-	10.08	30.13	33.75	34.52	34.78	36.42	37.78	37.43	37.23							
189 Transmission wood poles	-	26.53	53.37	80.57	100.65	118.83	142.08	178.08	210.61	236.24							
190 Transmission metering	-	-	-	-	-	-	-	-	-	-							
191 Transmission transformers	-	53.70	154.02	187.61	210.88	226.80	245.54	281.16	305.49	325.50							
192 Transmission reactors	-	6.20	17.74	23.33	26.29	28.74	30.66	34.64	37.16	39.15							
193 Transmission capacitors	-	3.70	11.03	12.52	12.73	12.81	13.28	13.64	13.35	13.13							
194 Transmission circuit breakers	-	22.33	62.91	75.89	88.09	95.92	105.84	125.32	140.12	152.40							
195 SCADA and communications	-	5.67	15.26	25.55	37.92	43.36	45.77	54.59	64.99	72.74							
196 IT	-	9.44	11.13	14.83	12.58	18.03	22.96	26.61	26.55	22.59							
197 Other non-network assets	-	6.02	6.14	8.24	10.14	9.88	13.28	20.35	42.25	37.92							
198 Land & Easements	-	35.55	100.33	119.90	129.21	136.28	149.01	163.88	183.98	189.32							
199 Equity raising costs	-	0.31	1.27	0.98	0.99	1.27	0.62	0.35	0.15	0.00							
200 Total	-	194.17	507.09	634.40	716.60	780.38	861.08	993.57	1,118.08	1,181.27							
201 <b>Capex (i.e. Owner's Capex - Cash Contribution)</b>																	
202 Transmission cables	14.65	29.73	9.34	3.49	3.30	4.21	3.88	1.24	1.41	1.01							
203 Transmission steel towers	10.08	20.48	4.89	2.19	1.71	3.10	2.90	1.24	1.38	1.14							
204 Transmission wood poles	26.53	27.96	29.45	23.47	22.42	28.25	41.99	40.02	34.51	35.82							
205 Transmission metering	-	-	-	-	-	-	-	-	-	-							
206 Transmission transformers	53.70	103.00	41.29	32.65	26.47	30.08	47.89	38.39	35.28	41.32							
207 Transmission reactors	6.20	11.84	6.48	4.13	3.76	3.35	5.52	4.25	3.84	4.55							
208 Transmission capacitors	3.70	7.52	2.04	0.84	0.72	1.11	1.03	0.39	0.44	0.35							
209 Transmission circuit breakers	22.33	41.69	16.13	16.00	12.23	14.72	24.76	21.07	19.29	22.88							
210 SCADA and communications	5.67	10.50	12.72	16.46	11.51	9.35	16.14	19.14	18.14	14.38							
211 IT	9.44	6.41	9.26	5.17	12.33	14.34	15.71	13.57	10.08	7.74							
212 Other non-network assets	6.02	1.08	3.08	3.22	1.36	4.98	9.19	25.16	2.43	2.07							
213 Land & Easements	35.55	64.78	19.57	9.31	7.06	12.73	14.88	20.09	5.35	4.31							
214 Equity raising costs	0.510	1.82	0.35	0.68	1.20	-	-	-	-	-							
215 Total	194.371	326.813	154.596	117.622	104.067	126.226	183.892	184.561	132.154	135.570							
216 <b>CAPEX Depreciation</b>																	
217 Transmission cables	-	-0.617	-1.843	-2.158	-2.214	-2.260	-2.342	-2.407	-2.358	-2.318							
218 Transmission steel towers	-	-0.424	-1.269	-1.421	-1.454	-1.464	-1.533	-1.591	-1.576	-1.568							
219 Transmission wood poles	-	-1.117	-2.247	-3.392	-4.238	-5.003	-5.982	-7.498	-8.868	-9.947							
220 Transmission metering	-	-	-	-	-	-	-	-	-	-							
221 Transmission transformers	-	-2.685	-7.701	-9.380	-10.544	-11.340	-12.277	-14.058	-15.274	-16.275							
222 Transmission reactors	-	-0.310	-0.887	-1.166	-1.315	-1.437	-1.533	-1.732	-1.858	-1.957							
223 Transmission capacitors	-	-0.185	-0.552	-0.626	-0.636	-0.640	-0.664	-0.682	-0.668	-0.656							
224 Transmission circuit breakers	-	-1.117	-3.145	-3.794	-4.405	-4.796	-5.292	-6.266	-7.006	-7.620							
225 SCADA and communications	-	-0.907	-2.442	-4.087	-6.067	-6.938	-7.324	-8.734	-10.399	-11.638							
226 IT	-	-4.720	-5.564	-7.413	-6.880	-9.416	-12.057	-13.627	-14.047	-12.189							

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
227 Other non-network assets								-	-0.963	-0.982	-1.318	-1.622	-1.580	-2.125	-3.255	-6.760	-6.067
228 Land & Easements								-	-	-	-	-	-	-	-	-	-
229 Equity raising costs								-0.204	-0.849	-0.650	-0.663	-0.916	-0.651	-0.277	-0.192	-0.155	-
230 Total								-0.204	-13.893	-27.281	-35.420	-39.813	-45.527	-51.406	-60.043	-68.969	-70.236
231 <b>Depreciation 7</b>		7															
232 Transmission cables		7	47.50					-	-0.617	-0.591	-0.566	-0.542	-0.51917	-0.497	-0.476	-0.456	-0.437
233 Transmission steel towers		7	47.50					-	-0.424	-0.407	-0.389	-0.373	-0.357	-0.342	-0.328	-0.314	-0.301
234 Transmission wood poles		7	47.50					-	-1.117	-1.070	-1.025	-0.982	-0.940	-0.901	-0.863	-0.827	-0.792
235 Transmission metering		7	25.00					-	-	-	-	-	-	-	-	-	-
236 Transmission transformers		7	40.00					-	-2.685	-2.551	-2.423	-2.302	-2.187	-2.077	-1.974	-1.875	-1.781
237 Transmission reactors		7	40.00					-	-0.310	-0.295	-0.280	-0.266	-0.253	-0.240	-0.228	-0.217	-0.206
238 Transmission capacitors		7	40.00					-	-0.185	-0.176	-0.167	-0.159	-0.151	-0.143	-0.136	-0.129	-0.123
239 Transmission circuit breakers		7	40.00					-	-1.117	-1.061	-1.008	-0.957	-0.909	-0.864	-0.821	-0.780	-0.741
240 SCADA and communications		7	12.50					-	-0.907	-0.762	-0.640	-0.538	-0.452	-0.379	-0.319	-0.268	-0.225
241 IT		7	4.00					-	-4.720	-2.360	-1.180	-1.180	-	-	-	-	-
242 Other non-network assets		7	12.50					-	-0.963	-0.809	-0.679	-0.571	-0.479	-0.403	-0.338	-0.284	-0.239
243 Land & Easements		7	-					-	-	-	-	-	-	-	-	-	-
244 Equity raising costs		7	5.00					-0.204	-0.122	-0.073	-0.044	-0.066	-	-	-	-	-
245 Total								-0.204	-13.167	-10.153	-8.401	-7.935	-6.247	-5.847	-5.482	-5.149	-4.844
246 <b>Depreciation 8</b>		8															
247 Transmission cables		8	47.50					-	-	-1.252	-1.199	-1.149	-1.100	-1.054	-1.010	-0.967	-0.926
248 Transmission steel towers		8	47.50					-	-	-0.862	-0.826	-0.791	-0.758	-0.726	-0.695	-0.666	-0.638
249 Transmission wood poles		8	47.50					-	-	-1.177	-1.128	-1.080	-1.035	-0.991	-0.949	-0.909	-0.871
250 Transmission metering		8	25.00					-	-	-	-	-	-	-	-	-	-
251 Transmission transformers		8	40.00					-	-	-5.150	-4.893	-4.648	-4.416	-4.195	-3.985	-3.786	-3.597
252 Transmission reactors		8	40.00					-	-	-0.592	-0.563	-0.534	-0.508	-0.482	-0.458	-0.435	-0.414
253 Transmission capacitors		8	40.00					-	-	-0.376	-0.357	-0.339	-0.322	-0.306	-0.291	-0.276	-0.262
254 Transmission circuit breakers		8	40.00					-	-	-2.085	-1.980	-1.881	-1.787	-1.698	-1.613	-1.532	-1.456
255 SCADA and communications		8	12.50					-	-	-1.680	-1.411	-1.186	-0.996	-0.837	-0.703	-0.590	-0.496
256 IT		8	4.00					-	-	-3.204	-1.602	-0.801	-0.801	-	-	-	-
257 Other non-network assets		8	12.50					-	-	-0.173	-0.145	-0.122	-0.103	-0.086	-0.072	-0.061	-0.051
258 Land & Easements		8	-					-	-	-	-	-	-	-	-	-	-
259 Equity raising costs		8	5.00					-0.727	-0.436	-0.262	-0.157	-0.235	-	-	-	-	-
260 Total								-	-0.727	-16.987	-14.366	-12.689	-12.061	-10.375	-9.777	-9.224	-8.711
261 <b>Depreciation 9</b>		9															
262 Transmission cables		9	47.50					-	-	-	-0.393	-0.377	-0.361	-0.346	-0.331	-0.317	-0.304
263 Transmission steel towers		9	47.50					-	-	-	-0.206	-0.197	-0.189	-0.181	-0.173	-0.166	-0.159
264 Transmission wood poles		9	47.50					-	-	-	-1.240	-1.188	-1.138	-1.090	-1.044	-1.000	-0.958
265 Transmission metering		9	25.00					-	-	-	-	-	-	-	-	-	-
266 Transmission transformers		9	40.00					-	-	-	-2.065	-1.961	-1.863	-1.770	-1.682	-1.598	-1.518
267 Transmission reactors		9	40.00					-	-	-	-0.324	-0.308	-0.292	-0.278	-0.264	-0.251	-0.238
268 Transmission capacitors		9	40.00					-	-	-	-0.102	-0.097	-0.092	-0.087	-0.083	-0.079	-0.075
269 Transmission circuit breakers		9	40.00					-	-	-	-0.806	-0.766	-0.728	-0.691	-0.657	-0.624	-0.593
270 SCADA and communications		9	12.50					-	-	-	-2.036	-1.710	-1.436	-1.207	-1.014	-0.851	-0.715

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
271 IT					9	4.00		-	-	-	-4.632	-2.316	-1.158	-1.158	-	-	-
272 Other non-network assets					9	12.50		-	-	-	-0.493	-0.414	-0.348	-0.292	-0.245	-0.206	-0.173
273 Land & Easements					9	-		-	-	-	-	-	-	-	-	-	-
274 Equity raising costs					9	5.00					-0.141	-0.084	-0.051	-0.030	-0.046	-	-
275 Total								-	-	-0.141	-12.380	-9.384	-7.635	-7.145	-5.492	-5.091	-4.732
276 <b>Depreciation 10</b>					10												
277 Transmission cables					10	47.50		-	-	-	-	-0.147	-0.141	-0.135	-0.129	-0.124	-0.118
278 Transmission steel towers					10	47.50		-	-	-	-	-0.092	-0.089	-0.085	-0.081	-0.078	-0.075
279 Transmission wood poles					10	47.50		-	-	-	-	-0.988	-0.947	-0.907	-0.869	-0.832	-0.797
280 Transmission metering					10	25.00		-	-	-	-	-	-	-	-	-	-
281 Transmission transformers					10	40.00		-	-	-	-	-1.633	-1.551	-1.474	-1.400	-1.330	-1.263
282 Transmission reactors					10	40.00		-	-	-	-	-0.207	-0.196	-0.186	-0.177	-0.168	-0.160
283 Transmission capacitors					10	40.00		-	-	-	-	-0.042	-0.040	-0.038	-0.036	-0.034	-0.032
284 Transmission circuit breakers					10	40.00		-	-	-	-	-0.800	-0.760	-0.722	-0.686	-0.652	-0.619
285 SCADA and communications					10	12.50		-	-	-	-	-2.634	-2.212	-1.858	-1.561	-1.311	-1.102
286 IT					10	4.00		-	-	-	-	-2.584	-1.292	-0.646	-0.646	-	-
287 Other non-network assets					10	12.50		-	-	-	-	-0.516	-0.433	-0.364	-0.306	-0.257	-0.216
288 Land & Easements					10	-		-	-	-	-	-	-	-	-	-	-
289 Equity raising costs					10	5.00					-0.273	-0.164	-0.098	-0.059	-0.088	-	-
290 Total								-	-	-	-0.273	-9.805	-7.758	-6.473	-5.979	-4.785	-4.382
291 <b>Depreciation 11</b>					11												
292 Transmission cables					11	47.50							-0.139	-0.133	-0.127	-0.122	-0.117
293 Transmission steel towers					11	47.50							-0.072	-0.069	-0.066	-0.063	-0.061
294 Transmission wood poles					11	47.50							-0.944	-0.904	-0.866	-0.830	-0.795
295 Transmission metering					11	25.00							-	-	-	-	-
296 Transmission transformers					11	40.00							-1.323	-1.257	-1.194	-1.135	-1.078
297 Transmission reactors					11	40.00							-0.188	-0.179	-0.170	-0.161	-0.153
298 Transmission capacitors					11	40.00							-0.036	-0.034	-0.032	-0.031	-0.029
299 Transmission circuit breakers					11	40.00							-0.612	-0.581	-0.552	-0.524	-0.498
300 SCADA and communications					11	12.50							-1.841	-1.547	-1.299	-1.091	-0.917
301 IT					11	4.00							-6.166	-3.083	-1.541	-1.541	-
302 Other non-network assets					11	12.50							-0.217	-0.183	-0.153	-0.129	-0.108
303 Land & Easements					11	-							-	-	-	-	-
304 Equity raising costs					11	5.00							-0.478	-0.287	-0.172	-0.103	-0.155
305 Total													-11.825	-8.142	-6.106	-5.783	-3.756
306 <b>Depreciation 12</b>					12												
307 Transmission cables					12	47.50							-	-0.177	-0.170	-0.163	-0.156
308 Transmission steel towers					12	47.50							-	-0.131	-0.125	-0.120	-0.115
309 Transmission wood poles					12	47.50							-	-1.190	-1.139	-1.091	-1.045
310 Transmission metering					12	25.00							-	-	-	-	-
311 Transmission transformers					12	40.00							-	-1.504	-1.429	-1.357	-1.289
312 Transmission reactors					12	40.00							-	-0.168	-0.159	-0.151	-0.144
313 Transmission capacitors					12	40.00							-	-0.055	-0.053	-0.050	-0.047
314 Transmission circuit breakers					12	40.00							-	-0.736	-0.699	-0.664	-0.631

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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					
315 SCADA and communications					12	12.50								-	-1.496	-1.257	-1.056	-0.887
316 IT					12	4.00								-	-7.171	-3.585	-1.793	-1.793
317 Other non-network assets					12	12.50								-	-0.798	-0.670	-0.563	-0.473
318 Land & Easements					12	-								-	-	-	-	-
319 Equity raising costs					12	5.00								-	-	-	-	-
320 Total														-	-13.424	-9.286	-7.007	-6.580
321 <b>Depreciation 13</b>					13													
322 Transmission cables					13	47.50								-	-	-0.164	-0.157	-0.150
323 Transmission steel towers					13	47.50								-	-	-0.122	-0.117	-0.112
324 Transmission wood poles					13	47.50								-	-	-1.768	-1.693	-1.622
325 Transmission metering					13	25.00								-	-	-	-	-
326 Transmission transformers					13	40.00								-	-	-2.395	-2.275	-2.161
327 Transmission reactors					13	40.00								-	-	-0.276	-0.262	-0.249
328 Transmission capacitors					13	40.00								-	-	-0.051	-0.049	-0.046
329 Transmission circuit breakers					13	40.00								-	-	-1.238	-1.176	-1.117
330 SCADA and communications					13	12.50								-	-	-2.582	-2.169	-1.822
331 IT					13	4.00								-	-	-7.855	-3.927	-1.964
332 Other non-network assets					13	12.50								-	-	-1.470	-1.235	-1.038
333 Land & Easements					13	-								-	-	-	-	-
334 Equity raising costs					13	5.00								-	-	-	-	-
335 Total														-	-	-17.921	-13.061	-10.282
336 <b>Depreciation 14</b>					14													
337 Transmission cables					14	47.50								-	-	-	-0.052	-0.050
338 Transmission steel towers					14	47.50								-	-	-	-0.052	-0.050
339 Transmission wood poles					14	47.50								-	-	-	-1.685	-1.614
340 Transmission metering					14	25.00								-	-	-	-	-
341 Transmission transformers					14	40.00								-	-	-	-1.919	-1.823
342 Transmission reactors					14	40.00								-	-	-	-0.213	-0.202
343 Transmission capacitors					14	40.00								-	-	-	-0.020	-0.019
344 Transmission circuit breakers					14	40.00								-	-	-	-1.053	-1.001
345 SCADA and communications					14	12.50								-	-	-	-3.062	-2.572
346 IT					14	4.00								-	-	-	-6.786	-3.393
347 Other non-network assets					14	12.50								-	-	-	-4.025	-3.381
348 Land & Easements					14	-								-	-	-	-	-
349 Equity raising costs					14	5.00								-	-	-	-	-
350 Total														-	-	-	-18.868	-14.105
351 <b>Depreciation 15</b>					15													
352 Transmission cables					15	47.50								-	-	-	-	-0.059
353 Transmission steel towers					15	47.50								-	-	-	-	-0.058
354 Transmission wood poles					15	47.50								-	-	-	-	-1.453
355 Transmission metering					15	25.00								-	-	-	-	-
356 Transmission transformers					15	40.00								-	-	-	-	-1.764
357 Transmission reactors					15	40.00								-	-	-	-	-0.192
358 Transmission capacitors					15	40.00								-	-	-	-	-0.022

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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				
359 Transmission circuit breakers					15	40.00							-	-	-	-	-0.964
360 SCADA and communications					15	12.50							-	-	-	-	-2.903
361 IT					15	4.00							-	-	-	-	-5.040
362 Other non-network assets					15	12.50							-	-	-	-	-0.389
363 Land & Easements					15	-							-	-	-	-	-
364 Equity raising costs					15	5.00							-	-	-	-	-
365 Total													-	-	-	-	-12.845
366 <b>Depreciation 16</b>					16												
367 Transmission cables					16	47.50							-	-	-	-	-
368 Transmission steel towers					16	47.50							-	-	-	-	-
369 Transmission wood poles					16	47.50							-	-	-	-	-
370 Transmission metering					16	25.00							-	-	-	-	-
371 Transmission transformers					16	40.00							-	-	-	-	-
372 Transmission reactors					16	40.00							-	-	-	-	-
373 Transmission capacitors					16	40.00							-	-	-	-	-
374 Transmission circuit breakers					16	40.00							-	-	-	-	-
375 SCADA and communications					16	12.50							-	-	-	-	-
376 IT					16	4.00							-	-	-	-	-
377 Other non-network assets					16	12.50							-	-	-	-	-
378 Land & Easements					16	-							-	-	-	-	-
379 Equity raising costs					16	5.00							-	-	-	-	-
380 Total													-	-	-	-	-
381 <b>Closing Value</b>																	
382 Transmission cables								14.65	43.76	51.26	52.59	53.68	55.62	57.17	56.00	55.05	53.75
383 Transmission steel towers								10.08	30.13	33.75	34.52	34.78	36.42	37.78	37.43	37.23	36.81
384 Transmission wood poles								26.53	53.37	80.57	100.65	118.83	142.08	178.08	210.61	236.24	262.12
385 Transmission metering								-	-	-	-	-	-	-	-	-	-
386 Transmission transformers								53.70	154.02	187.61	210.88	226.80	245.54	281.16	305.49	325.50	350.54
387 Transmission reactors								6.20	17.74	23.33	26.29	28.74	30.66	34.64	37.16	39.15	41.74
388 Transmission capacitors								3.70	11.03	12.52	12.73	12.81	13.28	13.64	13.35	13.13	12.82
389 Transmission circuit breakers								22.33	62.91	75.89	88.09	95.92	105.84	125.32	140.12	152.40	167.66
390 SCADA and communications								5.67	15.26	25.55	37.92	43.36	45.77	54.59	64.99	72.74	75.47
391 IT								9.44	11.13	14.83	12.58	18.03	22.96	26.61	26.55	22.59	18.14
392 Other non-network assets								6.02	6.14	8.24	10.14	9.88	13.28	20.35	42.25	37.92	33.93
393 Land & Easements								35.55	100.33	119.90	129.21	136.28	149.01	163.88	183.98	189.32	193.63
394 Equity raising costs								0.31	1.27	0.98	0.99	1.27	0.62	0.35	0.15	0.00	0.00
395 Total								194.17	507.09	634.40	716.60	780.38	861.08	993.57	1,118.08	1,181.27	1,246.61

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision]

## Distribution Adjustment

	2	3	7	8	9	10	11	12	13	14	15 #	17	18	19	20	21				
4 <b>Investment Adjustment Mechanism (IAM)</b>						<b>AA3 Approved</b>					<b>AA3 Actual</b>									
5 <b>Year Ending 30 June (Real \$ M 30/06/2017)</b>						<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>						<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
6 <b>Distribution Capex Subject to IAM (Exclude Gifted Asset and Cash Contribution)</b>																				
7 <b>Growth</b>																				
8 Capacity Expansion			62.70	67.61	75.08	75.49	84.18						52.19	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 <b>Asset replacement and renewal</b>																				
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 <b>Improvement in service</b>																				
18 Reliability Driven			-	-	-	-	-						-	-	-	-	-			
19 Rural Power Improvement Program (RPIP)			-	-	-	-	-						-	-	-	-	-			
20 SCADA & Communications			-	-	-	-	-						-	-	-	-	-			
21 <b>Compliance</b>																				
22 Safety, Environmental & Statutory			-	-	-	-	-						-	-	-	-	-			
23 <b>Corporate</b>																				
24 IT			-	-	-	-	-						-	-	-	-	-			
25 Business Support			-	-	-	-	-						-	-	-	-	-			
26 Equity Raising Costs			-	-	-	-	-						-	-	-	-	-			
27 <b>Total</b>			396.85	422.34	438.74	450.24	475.67						424.14	439.18	352.20	268.11	162.95			
28																				
29 <b>Distribution Capex Subject to IAM by Asset class (Exclude Gifted Asset and Cash Contribution)</b>						<b>AA3 Approved</b>					<b>AA3 Actual</b>									
30 Wooden Pole Lines			228.46	256.81	272.21	284.11	302.18						273.19	326.13	254.47	196.77	98.33			
31 Underground Cables			66.09	64.62	64.97	64.95	69.11						60.98	45.07	36.15	28.03	28.53			
32 Transformers			75.58	74.48	74.81	74.50	76.58						66.33	50.16	45.98	32.01	26.02			
33 Switchgear			25.39	25.23	25.64	25.57	26.67						22.31	16.89	14.80	10.73	9.58			
34 Street lighting			1.32	1.20	1.10	1.10	1.13						1.33	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 <b>Total</b>			396.85	422.34	438.74	450.24	475.67						424.14	439.18	352.20	268.11	162.95			
42																				
43 <b>Distribution Capex NOT Subject to IAM</b>																				
44 <b>Growth</b>						<b>AA3 Approved</b>					<b>AA3 Actual</b>									
45 Capacity Expansion			-	-	-	-	-						-	-	-	-	-			
46 Customer Driven			-	-	-	-	-						-	-	-	-	-			
47 Gifted Assets			-	-	-	-	-						-	-	-	-	-			
48 <b>Asset replacement and renewal</b>																				
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)			-	-	-	-	-						-	-	-	-	-			

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision]

## Distribution Adjustment

	2	3	7	8	9	10	11	12	13	14	15 #	17	18	19	20	21
4 <b>Investment Adjustment Mechanism (IAM)</b>	<b>AA3 Approved</b>					<b>AA3 Actual</b>										
5 <b>Year Ending 30 June (Real \$ M 30/06/2017)</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>						
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 <b>Improvement in service</b>	-	-	-	-	-	-	-	-	-	-						
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 <b>Compliance</b>	-	-	-	-	-	-	-	-	-	-						
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 <b>Corporate</b>	-	-	-	-	-	-	-	-	-	-						
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	19.67	2.63	10.73	11.99	5.25						
63 Equity Raising Costs	5.53	4.74	3.80	1.59	-	5.91	4.68	3.63	1.36	-						
64 <b>Total</b>	251.25	302.76	284.90	239.06	214.31	254.41	232.26	266.05	229.94	194.48						
65																
66 <b>Distribution Capex NOT Subject to IAM by Asset class</b>	<b>AA3 Approved</b>					<b>AA3 Actual</b>										
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	19.67	2.63	10.73	11.99	5.25						
76 Distribution Land & Easements	-	-	-	-	-	-	-	-	-	-						
77 Equity Raising Costs	5.53	4.74	3.80	1.59	-	5.91	4.68	3.63	1.36	-						
78 <b>Total</b>	251.25	302.76	284.90	239.06	214.31	254.41	232.26	266.05	229.94	194.48						
79																
80 <b>Total</b>	648.10	725.10	723.64	689.30	689.98	678.55	671.44	618.25	498.05	357.43						
81 <b>Check this is the Net Capex rolled into Rab</b>	648.10	725.10	723.64	689.30	689.98	678.55	671.44	618.25	498.05	357.43						
82	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK						
83																
84 <b>Investment Adjustment Mechanism (IAM)</b>	<b>AA3 Approved</b>					<b>AA3 Actual</b>										
85 <b>Year Ending 30 June (Real \$ M 30/06/2017)</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>						
86 <b>Opening Balance</b>																
87 Wooden Pole Lines	-	228.46	479.70	740.07	1,005.71	-	273.19	593.74	836.38	1,014.67						
88 Underground Cables	-	66.09	129.61	192.40	254.10	-	60.98	104.95	138.92	163.69						
89 Transformers	-	75.58	147.90	218.42	286.49	-	66.33	114.34	156.03	181.61						
90 Switchgear	-	25.39	49.90	74.09	97.49	-	22.31	38.47	51.82	60.37						
91 Street lighting	-	1.32	2.46	3.43	4.35	-	1.33	2.20	2.87	3.26						
92 Meters and Services	-	-	-	-	-	-	-	-	-	-						
93 IT	-	-	-	-	-	-	-	-	-	-						
94 SCADA & Communications	-	-	-	-	-	-	-	-	-	-						
95 Other Distribution Non-Network	-	-	-	-	-	-	-	-	-	-						



# ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision]

## Distribution Adjustment

	2	3	7	8	9	10	11	12	13	14	15 #	17	18	19	20	21											
4 <b>Investment Adjustment Mechanism (IAM)</b>											<b>AA3 Approved</b>					<b>AA3 Actual</b>											
5 <b>Year Ending 30 June (Real \$ M 30/06/2017)</b>			<b>2013</b>		<b>2014</b>		<b>2015</b>		<b>2016</b>		<b>2017</b>				<b>2013</b>		<b>2014</b>		<b>2015</b>		<b>2016</b>		<b>2017</b>				
96 Distribution Land & Easements																											
97 Total																											
98																											
99 <b>Capital Expenditure</b>																											
100 Wooden Pole Lines																											
101 Underground Cables																											
102 Transformers																											
103 Switchgear																											
104 Street lighting																											
105 Meters and Services																											
106 IT																											
107 SCADA & Communications																											
108 Other Distribution Non-Network																											
109 Distribution Land & Easements																											
110 Total																											
111																											
112 <b>Depreciation</b>																											
113 Wooden Pole Lines																											
114 Underground Cables																											
115 Transformers																											
116 Switchgear																											
117 Street lighting																											
118 Meters and Services																											
119 IT																											
120 SCADA & Communications																											
121 Other Distribution Non-Network																											
122 Distribution Land & Easements																											
123 Total																											
124																											
125 <b>Closing Balance</b>																											
126 Wooden Pole Lines																											
127 Underground Cables																											
128 Transformers																											
129 Switchgear																											
130 Street lighting																											
131 Meters and Services																											
132 IT																											
133 SCADA & Communications																											
134 Other Distribution Non-Network																											
135 Distribution Land & Easements																											
136 Total																											
137																											
138 <b>Adjustment Calculation</b>																											
139 <b>Year Ending 30 June (Real \$ M 30/06/2017)</b>			<b>2013</b>		<b>2014</b>		<b>2015</b>		<b>2016</b>		<b>2017</b>				<b>2013</b>		<b>2014</b>		<b>2015</b>		<b>2016</b>		<b>2017</b>				
140 Return on assets																											

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision]

## Distribution Adjustment

	2	3	7	8	9	10	11	12	13	14	15 #	17	18	19	20	21																				
4	<b>Investment Adjustment Mechanism (IAM)</b>											<b>AA3 Approved</b>					<b>AA3 Actual</b>																			
5	<b>Year Ending 30 June (Real \$ M 30/06/2017)</b>											<b>2013</b>					<b>2014</b>					<b>2015</b>					<b>2016</b>					<b>2017</b>				
141	Depreciation					-	9.62	19.87	30.52	41.45			-	9.62	19.87	30.52	41.45			-	24.91	50.64	73.27	92.76												
142	Cost of service					-	23.93	49.05	74.80	100.85			-	24.91	50.64	73.27	92.76			-	24.91	50.64	73.27	92.76												
144	<b>Approved v.s. Actual Analysis</b>																																			
145	Approved CoS					-	23.93	49.05	74.80	100.85																										
146	Actual CoS																																			
147	Actual less Approved																																			
148																																				
149	<b>Cashflow analysis to reconcile IAM adjustment</b>																																			
150	IAM actual capital expenditure																																			
151	Actual asset opening value																																			
152	Actual asset residual value																																			
153	Forecast cost of service																																			
154	Total cashflow																																			
155																																				
156	<b>Service standard adjustment mechanism (SSAM) adjustment</b>																																			
157	<b>Year Ending 30 June (Real \$ M 30/06/2017)</b>																																			
158	<b>Revenue at risk</b>																																			
159	Distribution revenue cap (AA3 Target Revenue)																																			
160	Distribution revenue at risk cap																																			
162	<b>SSAM calculation</b>																																			
163	<b>SSD</b>																																			
164	SAIDI - CBD																																			
165	SAIDI - Urban																																			
166	SAIDI - Rural Short																																			
167	SAIDI - Rural Long																																			
168	SAIFI - CBD																																			
169	SAIFI - Urban																																			
170	SAIFI - Rural Short																																			
171	SAIFI - Rural Long																																			
172	Call centre performance																																			
174	<b>SSAM</b>																																			
175	SAIDI - CBD																																			
176	SAIDI - Urban																																			
177	SAIDI - Rural Short																																			
178	SAIDI - Rural Long																																			
179	SAIFI - CBD																																			
180	SAIFI - Urban																																			
181	SAIFI - Rural Short																																			
182	SAIFI - Rural Long																																			
183	Call centre performance																																			
184	Total raw distribution SSAM																																			
185	Total distribution SSAM (inc revenue at risk cap)																																			

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision]

### Distribution Adjustment

	2	3	7	8	9	10	11	12	13	14	15 #	17	18	19	20	21	
4	<b>Investment Adjustment Mechanism (IAM)</b>					<b>AA3 Approved</b>					<b>AA3 Actual</b>						
5	<b>Year Ending 30 June (Real \$ M 30/06/2017)</b>					<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>		<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	
186																	
187	<b>K-Factor</b>																
188	<b>Year Ending 30 June</b>					<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>						
189	<b>Distribution (Real\$ M 30/06/2012)</b>																
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	33.02									
193	Maximum revenue		734.84	754.05	864.63	941.65	984.08	33.02									
194																	
195	Actual TEC [\$M nominal]		154.00	209.00	136.00	141.00	150.00										
196																	
197	<b>Maximum distribution revenue [\$M nominal]</b>		<b>906.40</b>	<b>1,004.35</b>	<b>1,061.77</b>	<b>1,159.56</b>	<b>1,235.04</b>										
198																	
199	<b>Other Adjustment</b>																
200	<b>Year Ending 30 June (Real \$ M 30/06/2017)</b>					<b>PV</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>						
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, Sept 2018 [Final Decision]

## Transmission Adjustment

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
4 <b>Investment Adjustment Mechanism (IAM)</b>	<b>AA3 Approved</b>										<b>AA3 Actual</b>									
5 <b>Year Ending 30 June (Real \$ M 30/06/2017)</b>																				
6 <b>Transmission Capex Subject to IAM (Exclude Gifted Asset and Cash Contribution)</b>																				
7 <b>Growth</b>																				
8 Capacity Expansion				212.45	298.97	143.71	154.40	244.06						109.49	215.58	90.45	27.83	31.31		
9 Customer Driven				12.54	21.78	21.84	21.99	22.43						20.31	40.33	24.79	0.36	8.93		
10 Generation Driven				-	-	-	-	-						-	-	-	-	-		
11 Gifted Assets				-	-	-	-	-						-	-	-	-	-		
12 <b>Asset replacement and renewal</b>				-	-	-	-	-						-	-	-	-	-		
13 Asset Replacement				-	-	-	-	-						-	-	-	-	-		
14 <b>Improvement in service</b>				-	-	-	-	-						-	-	-	-	-		
15 Reliability Driven				-	-	-	-	-						-	-	-	-	-		
16 SCADA & Communications				-	-	-	-	-						-	-	-	-	-		
17 <b>Compliance</b>				-	-	-	-	-						-	-	-	-	-		
18 Safety, Environmental & Statutory				-	-	-	-	-						-	-	-	-	-		
19 <b>Corporate</b>				-	-	-	-	-						-	-	-	-	-		
20 IT				-	-	-	-	-						-	-	-	-	-		
21 Business Support				-	-	-	-	-						-	-	-	-	-		
22 Equity raising costs				-	-	-	-	-						-	-	-	-	-		
23 <b>Total</b>				224.99	320.75	165.55	176.39	266.49						129.79	255.92	65.66	27.48	22.37		
24																				
25 <b>Transmission Capex Subject to IAM by Asset class (Exclude Gifted Asset and Cash Contribution)</b>																				
26 Transmission cables				28.40	40.30	20.31	21.70	33.28						15.77	31.08	9.62	3.56	3.30		
27 Transmission steel towers				18.52	26.45	13.79	14.68	22.03						10.85	21.41	5.03	2.24	1.71		
28 Transmission wood poles				9.41	13.24	6.36	6.84	10.81						4.85	9.54	4.00	1.23	1.39		
29 Transmission metering				-	-	-	-	-						-	-	-	-	-		
30 Transmission transformers				70.31	100.41	52.28	55.65	83.61						41.12	81.10	19.30	8.51	6.56		
31 Transmission reactors				9.00	12.66	6.09	6.54	10.33						4.64	9.13	3.83	1.18	1.33		
32 Transmission capacitors				6.96	9.91	5.09	5.43	8.23						3.99	7.86	2.10	0.85	0.72		
33 Transmission circuit breakers				22.97	33.15	18.22	19.28	28.00						14.61	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						33.96	66.96	18.04	7.30	6.16		
38 Equity raising costs				-	-	-	-	-						-	-	-	-	-		
39 <b>Total</b>				224.99	320.75	165.55	176.39	266.49						129.79	255.92	65.66	27.48	22.37		
40																				
41 <b>Transmission Capex NOT Subject to IAM</b>																				
42 <b>Growth</b>																				
43 Capacity Expansion				-	-	-	-	-						-	-	-	-	-		
44 Customer Driven				-	-	-	-	-						-	-	-	-	-		
45 Generation Driven				-	-	-	-	-						-	-	-	-	-		
46 Gifted Assets				-	-	-	-	-						-	-	-	-	-		
47 <b>Asset replacement and renewal</b>				-	-	-	-	-						-	-	-	-	-		
48 Asset Replacement				33.50	36.62	37.07	37.42	39.44						27.98	44.52	38.90	41.51	33.36		
49 <b>Improvement in service</b>				-	-	-	-	-						-	-	-	-	-		
50 Reliability Driven				-	-	-	-	-						1.31	0.28	0.19	-	-		

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision]

## Transmission Adjustment

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
4	<b>Investment Adjustment Mechanism (IAM)</b>					<b>AA3 Approved</b>					<b>AA3 Actual</b>										
5	<b>Year Ending 30 June (Real \$ M 30/06/2017)</b>					<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>						
51	SCADA & Communications					15.49	13.17	14.40	20.62	20.58	6.10	10.98	13.10	16.78	11.51						
52	<b>Compliance</b>					-	-	-	-	-	-	-	-	-	-						
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	<b>Corporate</b>					-	-	-	-	-	-	-	-	-	-						
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	10.80	1.89	5.29	5.47	2.27						
57	Equity raising costs					0.85	2.54	0.48	1.52	3.81	0.55	1.90	0.36	0.69	1.20						
58	<b>Total</b>					100.30	103.66	97.93	112.17	115.53	79.52	85.71	93.54	92.42	81.69						
59																					
60	<b>Distribution Capex NOT Subject to IAM by Asset class</b>					<b>AA3 Approved</b>					<b>AA3 Actual</b>										
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	6.48	1.13	3.17	3.28	1.36						
72	Land & Easements					-	-	-	-	-	4.32	0.75	2.11	2.19	0.91						
73	Equity raising costs					0.85	2.54	0.48	1.52	3.81	0.55	1.90	0.36	0.69	1.20						
74	<b>Total</b>					100.30	103.66	97.93	112.17	115.53	79.52	85.71	93.54	92.42	81.69						
75																					
76	<b>Total</b>					325.28	424.41	263.48	288.56	382.03	209.31	341.63	159.20	119.90	104.07						
77	<b>Check this is the Net Capex rolled into Rab</b>					325.28	424.41	263.48	288.56	382.03	209.31	341.63	159.20	119.90	104.07						
78						OK	OK	OK	OK	OK	OK	OK	OK	OK	OK						
79																					
80	<b>Investment Adjustment Mechanism (IAM)</b>					<b>AA3 Approved</b>					<b>AA3 Actual</b>										
81	<b>Year Ending 30 June (Real \$ M 30/06/2017)</b>					<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>						
82	<b>Opening Balance</b>																				
83	Transmission cables					-	28.40	68.18	87.24	107.32	-	15.77	46.34	54.70	56.64						
84	Transmission steel towers					-	18.52	44.66	57.70	71.40	-	10.85	31.95	36.23	37.49						
85	Transmission wood poles					-	9.41	22.43	28.29	34.48	-	4.85	14.18	17.68	18.27						
86	Transmission metering					-	-	-	-	-	-	-	-	-	-						
87	Transmission transformers					-	70.31	169.32	218.18	269.37	-	41.12	120.81	136.70	140.75						
88	Transmission reactors					-	9.00	21.48	27.13	33.11	-	4.64	13.58	16.98	17.61						
89	Transmission capacitors					-	6.96	16.70	21.37	26.25	-	3.99	11.67	13.34	13.65						
90	Transmission circuit breakers					-	22.97	55.66	72.75	90.54	-	14.61	43.00	45.61	46.73						
91	SCADA and communications					-	-	-	-	-	-	-	-	-	-						
92	IT					-	-	-	-	-	-	-	-	-	-						
93	Other non-network assets					-	-	-	-	-	-	-	-	-	-						
94	Land & Easements					-	59.43	144.05	187.47	233.77	-	33.96	100.92	118.96	126.26						
95	Equity raising costs					-	-	-	-	-	-	-	-	-	-						

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision]

## Transmission Adjustment

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	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	
96	Total	-	224.99	542.48	700.14	866.24	-	129.79	382.46	440.22	457.41	-	129.79	382.46	440.22	457.41	-	129.79	382.46	440.22	457.41
97																					
98	<b>Capital Expenditure</b>																				
99	Transmission cables	28.40	40.30	20.31	21.70	33.28	15.77	31.08	9.62	3.56	3.30										
100	Transmission steel towers	18.52	26.45	13.79	14.68	22.03	10.85	21.41	5.03	2.24	1.71										
101	Transmission wood poles	9.41	13.24	6.36	6.84	10.81	4.85	9.54	4.00	1.23	1.39										
102	Transmission metering	-	-	-	-	-	-	-	-	-	-										
103	Transmission transformers	70.31	100.41	52.28	55.65	83.61	41.12	81.10	19.30	8.51	6.56										
104	Transmission reactors	9.00	12.66	6.09	6.54	10.33	4.64	9.13	3.83	1.18	1.33										
105	Transmission capacitors	6.96	9.91	5.09	5.43	8.23	3.99	7.86	2.10	0.85	0.72										
106	Transmission circuit breakers	22.97	33.15	18.22	19.28	28.00	14.61	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	33.96	66.96	18.04	7.30	6.16										
111	Equity raising costs	-	-	-	-	-	-	-	-	-	-										
112	Total	224.99	320.75	165.55	176.39	266.49	129.79	255.92	65.66	27.48	22.37										
113																					
114	<b>Depreciation</b>																				
		<i>Life</i>																			
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	<b>Closing Balance</b>																				
131	Transmission cables	28.40	68.18	87.24	107.32	138.58	15.77	46.34	54.70	56.64	57.93										
132	Transmission steel towers	18.52	44.66	57.70	71.40	92.21	10.85	31.95	36.23	37.49	37.98										
133	Transmission wood poles	9.41	22.43	28.29	34.48	44.49	4.85	14.18	17.68	18.27	18.86										
134	Transmission metering	-	-	-	-	-	-	-	-	-	-										
135	Transmission transformers	70.31	169.32	218.18	269.37	347.40	41.12	120.81	136.70	140.75	141.73										
136	Transmission reactors	9.00	21.48	27.13	33.11	42.76	4.64	13.58	16.98	17.61	18.25										
137	Transmission capacitors	6.96	16.70	21.37	26.25	33.79	3.99	11.67	13.34	13.65	13.68										
138	Transmission circuit breakers	22.97	55.66	72.75	90.54	116.67	14.61	43.00	45.61	46.73	46.09										
139	SCADA and communications	-	-	-	-	-	-	-	-	-	-										
140	IT	-	-	-	-	-	-	-	-	-	-										

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision]

### Transmission Adjustment

		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
4	<b>Investment Adjustment Mechanism (IAM)</b>	AA3 Approved										AA3 Actual									
5	<b>Year Ending 30 June (Real \$ M 30/06/2017)</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>									<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>		
141	Other non-network assets	-	-	-	-	-									-	-	-	-	-		
142	Land & Easements	59.43	144.05	187.47	233.77	303.97									33.96	100.92	118.96	126.26	132.42		
143	Equity raising costs	-	-	-	-	-									-	-	-	-	-		
144	<b>Total</b>	<b>224.99</b>	<b>542.48</b>	<b>700.14</b>	<b>866.24</b>	<b>1,119.89</b>									<b>129.79</b>	<b>382.46</b>	<b>440.22</b>	<b>457.41</b>	<b>466.93</b>		
145																					
146	<b>Adjustment Calculation</b>			Approved											Actual						
147	<b>Year Ending 30 June (Real \$ M 30/06/2017)</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>									<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>		
148	Return on assets	-	8.11	19.55	25.23	31.22									-	4.68	13.78	15.87	16.49		
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									-	7.93	21.68	26.16	29.33		
151																					
152	<b>Approved v.s. Actual Analysis</b>																				
153	Approved CoS	-	11.36	27.45	35.53	44.07															
154	Actual CoS	-	7.93	21.68	26.16	29.33															
155	Actual less Approved		<b>PV</b>																		
156			<b>-\$28.858</b>	-	<b>-3.43</b>	<b>-5.77</b>	<b>-9.37</b>	<b>-14.73</b>													
157	<b>Cashflow analysis to reconcile IAM adjustment</b>																				
158	IAM actual capital expenditure			-129.79	-255.92	-65.66	-27.48	-22.37													
159	Actual asset opening value			-																	
160	Actual asset residual value																				466.93
161	Forecast cost of service																				
162	Total cashflow																				
163																					
164	<b>Service standard adjustment mechanism (SSAM) adjustment</b>																				
165	<b>Year Ending 30 June (Real \$ M 30/06/2017)</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>															
166	<b>Revenue at risk</b>																				
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															
169																					
170	<b>SSAM calculation</b>																				
171	<b>SSD</b>																				
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	<b>SSAM</b>																				
179	Circuit Availability																				
180	System Minutes Interrupted - Radial																				
181	Loss of Supply Event Frequency >0.1																				
182	Loss of Supply Event Frequency >1																				
183	Average Outage Duration																				
184	Total raw distribution SSAM																				
185	<b>Total distribution SSAM (inc revenue at risk cap)</b>																				

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision]

### Transmission Adjustment

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		
4	<b>Investment Adjustment Mechanism (IAM)</b>										<b>AA3 Approved</b>					<b>AA3 Actual</b>						
5	<b>Year Ending 30 June (Real \$ M 30/06/2017)</b>										<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>		
186	<b>K-Factor</b>																					
187	<b>Year Ending 30 June</b>																					
188		<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>															
189	<b>Transmission (Real\$ M 30/06/2012)</b>																					
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	1.111															
193	Maximum revenue	413.75	355.48	337.49	300.34	263.14																
194																						
195	Actual TEC [\$M nominal]	-	-	-	-	-																
196																						
197	<b>Maximum transmission revenue [\$M nominal]</b>	<b>423.64</b>	<b>374.96</b>	<b>361.36</b>	<b>324.87</b>	<b>290.14</b>																
198																						
199	<b>Other Adjustment</b>																					
200	<b>Year Ending 30 June (Real \$ M 30/06/2017)</b>	<b>PV</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>															
201	Unforeseen events revenue adjustment	\$0.00	-	-	-	-	-															
202	Technical rule change revenue adjustment	\$0.00	-	-	-	-	-															
203	D-Factor revenue adjustment	\$0.00	-	-	-	-	-															



## ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision]

### Tax Analysis (\$M Nominal)

	2	3	4	5	6	7	8	9	21	22	23	24	25	26
4	Year Ending 30 June													
5	Days													
6	Project Year													
7	Regulatory Period													
8	<b>Modelled Inflation</b>													
9	Actual & Forecast Inflation													
10	End of year Inflation factor													
11	<b>Post-tax WACC</b>													
12	Real													
13	Nominal													
14	Nominal WACC deflating factor													
15	<b>Asset Value</b>													
16	<b>Asset Value</b>													
17	Distribution opening asset balance													
18	Distribution opening working capital													
19	Transmission opening asset balance													
20	Transmission opening working capital													
21	Total opening balance													
22														
23	<b>Equity</b>													
24	Distribution equity													
25	Transmission equity													
26	Total equity													
27														
28	<b>Debt</b>													
29	Distribution debt													
30	Transmission debt													
31	Total debt													
32														
33	<b>Western Power - Comprehensive Income Statement [\$M nominal]</b>													
34	<b>Revenue</b>													
35	Distribution													
36	Transmission													
37	Total													
38														
39	<b>Expense</b>													
40	Distribution Operating Expenditure													
41	Transmission Operating Expenditure													
42	Interest on Distribution Debt													
43	Interest on Transmission Debt													
44	Distribution Tax Depreciation													
45	Transmission Tax Depreciation													
46	Distribution TEC													
47	Total Expenses													
48														
	Grossed up tax rate applied to unsmoothed re 35.29%													
50	Profit before income tax expense													
51	Taxable Income													

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision]

### Tax Analysis (\$M Nominal)

	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	Days								365	365	365	365	365	365
6	Project Year								11	12	13	14	15	16
7	Regulatory Period								AA3			AA4		
52	Tax Loss Carried Forward								-	-	-	-	-	-
53	Income tax expense									-177.33	-86.59	-84.75	-73.84	-90.16
54	post tax Profit/(Loss)									325.10	158.76	155.37	135.37	165.30
55														
56	<b>Distribution Income Statement [\$M nominal]</b>								2017	2018	2019	2020	2021	2022
57	<b>Revenue</b>													
58	Unsmoothed Dx Revenue									1,269.47	1,088.97	1,078.69	1,084.00	1,132.44
59														
60	<b>Expense</b>													
61	Distribution Operating Expenditure									-276.40	-278.39	-283.42	-294.34	-295.80
62	Interest on Distribution Debt									-172.20	-181.39	-190.67	-201.18	-209.19
63	Distribution Tax Depreciation									-221.98	-246.57	-265.61	-285.62	-290.96
64	Distribution TEC									-167.00	-198.00	-162.00	-157.00	-161.00
65	Total Distribution Expenses									-837.58	-904.35	-901.70	-938.15	-956.94
66														
67	Profit before income tax expense									431.90	184.63	176.99	145.84	175.50
68	Taxable Income									431.90	184.63	176.99	145.84	175.50
69	Tax Loss Carried Forward									-	-	-	-	-
70	Income tax expense									-152.43	-65.16	-62.47	-51.47	-61.94
71	post tax Profit/(Loss)									279.46	119.46	114.52	94.37	113.56
72														
73	<b>Transmission Income Statement [\$M nominal]</b>								2017	2018	2019	2020	2021	2022
74	<b>Revenue</b>													
75	Unsmoothed Tx Revenue									348.53	346.88	362.73	378.41	397.68
76	<b>Expense</b>													
77	Transmission Operating Expenditure									-83.64	-83.63	-84.85	-87.72	-87.26
78	Interest on Transmission Debt									-91.00	-93.29	-96.87	-100.51	-102.39
79	Transmission Tax Depreciation									-103.36	-109.24	-117.88	-126.80	-128.07
80	Total Expenses									-278.00	-286.15	-299.60	-315.03	-317.72
81														
82	Profit before income tax expense									70.53	60.72	63.13	63.37	79.96
83	Taxable Income									70.53	60.72	63.13	63.37	79.96
84	Tax Loss Carried Forward									-	-	-	-	-
85	Income tax expense									-24.89	-21.43	-22.28	-22.37	-28.22
86	post tax Profit/(Loss)									45.64	39.29	40.85	41.01	51.74
87														
88	<b>Corporate Tax Allocation between Distribution and Transmission</b>								2017	2018	2019	2020	2021	2022
89														
90	<b>Corporate Tax based on unsmoothed revenue</b>									-177.33	-86.59	-84.75	-73.84	-90.16
91	Income Tax for Distribution as separate entity									-152.43	-65.16	-62.47	-51.47	-61.94
92	Income Tax for Transmission as separate entity									-24.89	-21.43	-22.28	-22.37	-28.22
93	<b>Allocation %</b>													
94	Dx									86%	75%	74%	70%	69%
95	Tx									14%	25%	26%	30%	31%

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision] Tax Analysis (\$M Nominal)

	2	3	4	5	6	7	8	9	21	22	23	24	25	26
4	<b>Year Ending 30 June</b>													
5	<b>Days</b>													
6	<b>Project Year</b>													
7	<b>Regulatory Period</b>													
						AA3						AA4		
96	<b>Tax Allocation</b>													
97	Dx									-152.43	-65.16	-62.47	-51.47	-61.94
98	Tx									-24.89	-21.43	-22.28	-22.37	-28.22
99														
100	<b>Corporate Tax Allocation</b>													
101	Distribution portion									-152.43	-65.16	-62.47	-51.47	-61.94
102	Transmission portion									-24.89	-21.43	-22.28	-22.37	-28.22
103														
104	<b>Equity Raising Cost</b>													
105	<b>Days</b>													
106						2017			2017	2018	2019	2020	2021	2022
107	Dividend imputation/payout ratio													
108	Benchmark SEO raising cost													
109	Benchmark DRP cost													
110	Benchmark DRP takeup													
111														
112	<b>Equity raising cost - Western Power [\$M nominal]</b>													
113	<b>Dividend assessment</b>													
114	Tax payable									177.33	86.59	84.75	73.84	90.16
115	Dividends									286.09	139.71	136.72	119.13	145.46
116	Dividend reinvestment									71.81	35.07	34.32	29.90	36.51
117														
118	<b>Benchmark cash flows</b>													
119	Revenue									1,664.17	1,479.15	1,483.79	1,499.32	1,575.21
120	TEC									-167.00	-198.00	-162.00	-157.00	-161.00
121	Revenue - TEC									1,497.17	1,281.15	1,321.79	1,342.32	1,414.21
122	Opex									-360.04	-362.01	-368.28	-382.06	-383.06
123	Interest									-263.19	-274.68	-287.54	-301.70	-311.58
124	Tax									-177.33	-86.59	-84.75	-73.84	-90.16
125	Internal cash flow									696.61	557.87	581.23	584.72	629.40
126	Dividend									-286.09	-139.71	-136.72	-119.13	-145.46
127	Dividend reinvestment									71.81	35.07	34.32	29.90	36.51
128	Retained cash flow									482.33	453.23	478.82	495.49	520.45
129														
130	<b>Benchmark capital expenditure funding</b>													
131	Net Distribution Capex									481.33	499.86	546.38	439.79	450.49
132	Net Transmission Capex									126.23	183.89	184.56	132.15	135.57
133	Net Capex									607.55	683.76	730.94	571.95	586.06
134	Debt Component									215.72	243.73	265.36	182.46	191.34
135	Equity Component									391.83	440.02	465.58	389.49	394.72
136	Retained cash flows									482.33	453.23	478.82	495.49	520.45
137	Equity Required (SEO) / (Surplus equity)									-90.50	-13.20	-13.24	-106.01	-125.73
138														
139	<b>Equity raising costs</b>													

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision] Tax Analysis (\$M Nominal)

	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 Days									365	365	365	365	365	365
6 Project Year									11	12	13	14	15	16
7 Regulatory Period									AA3			AA4		
140 External Equity Raising Costs / (Surplus equity)										-90.496	-13.204	-13.240	-106.005	-125.731
141 DRP cost									Sum	0.718	0.351	0.343	0.299	0.365
142 Total Equity Raising Costs									-	-	-	-	-	-
143 Equity Raising Costs to capitalise									-	-	-	-	-	-
144									copy past value	-	-	-	-	-
145 Total Equity Raising Costs [\$M real as at 30 June 2017]									-	-	-	-	-	-
146									-	-	-	-	-	-
147 <b>Equity raising cost - Distribution [\$M nominal]</b>									2017	2018	2019	2020	2021	2022
148 <b>Dividend assessment</b>														
149 Tax payable										152.43	65.16	62.47	51.47	61.94
150 Dividends										245.93	105.13	100.78	83.04	99.93
151 Dividend reinvestment										61.73	26.39	25.30	20.84	25.08
152														
153 <b>Benchmark cash flows</b>														
154 Revenue										1,338.41	1,121.56	1,109.92	1,109.73	1,163.41
155 TEC										-167.00	-198.00	-162.00	-157.00	-161.00
156 Revenue - TEC										1,171.41	923.56	947.92	952.73	1,002.41
157 Opex										-276.40	-278.39	-283.42	-294.34	-295.80
158 Interest										-172.20	-181.39	-190.67	-201.18	-209.19
159 Tax										-152.43	-65.16	-62.47	-51.47	-61.94
160 Internal cash flow										570.38	398.62	411.36	405.73	435.48
161 Dividend										-245.93	-105.13	-100.78	-83.04	-99.93
162 Dividend reinvestment										61.73	26.39	25.30	20.84	25.08
163 Retained cash flow										386.18	319.88	335.88	343.53	360.64
164														
165 <b>Benchmark capital expenditure funding</b>														
166 Net Distribution Capex										481.33	499.86	546.38	439.79	450.49
167 Debt Component										176.28	176.13	201.31	151.37	161.28
168 Equity Component										305.04	323.74	345.07	288.43	289.22
169 Retained cash flows										386.18	319.88	335.88	343.53	360.64
170 Equity Required (SEO) / (Surplus equity)										-81.14	3.86	9.19	-55.10	-71.42
171														
172 <b>Equity raising costs</b>														
173 External Equity Raising Costs / (Surplus equity)										-81.140	0.116	0.276	-55.101	-71.419
174 DRP cost									Sum	1.524	0.652	0.625	0.515	0.619
175 Total Equity Raising Costs									1.668	-	0.767	0.900	-	-
176 Equity Raising Costs to capitalise									1.668	-	0.767	0.900	-	-
177									1.668	copy past value	-	0.767	0.900	-
178 Total Equity Raising Costs [\$M real as at 30 June 2017]									1.592	-	0.740	0.852	-	-
179									-	-	-	-	-	-
180 <b>Equity raising cost - Transmission [\$M nominal]</b>									2017	2018	2019	2020	2021	2022
181 <b>Dividend assessment</b>														
182 Tax payable										24.89	21.43	22.28	22.37	28.22
183 Dividends										40.16	34.58	35.94	36.08	45.53

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision] Tax Analysis (\$M Nominal)

	2	3	4	5	6	7	8	9	21	22	23	24	25	26					
4	Year Ending 30 June																		
5	Days																		
6	Project Year																		
7	Regulatory Period																		
	AA3							AA4											
184	Dividend reinvestment									10.08	8.68	9.02	9.06	11.428					
185																			
186	<b>Benchmark cash flows</b>																		
187	Revenue									325.76	357.59	373.87	389.59	411.79					
188	Opex									-83.64	-83.63	-84.85	-87.72	-87.26					
189	Interest									-91.00	-93.29	-96.87	-100.51	-102.39					
190	Tax									-24.89	-21.43	-22.28	-22.37	-28.22					
191	Internal cash flow									126.23	159.25	169.86	178.99	193.92					
192	Dividend									-40.16	-34.58	-35.94	-36.08	-45.53					
193	Dividend reinvestment									10.08	8.68	9.02	9.06	11.43					
194	Retained cash flow									96.15	133.35	142.94	151.96	159.82					
195																			
196	<b>Benchmark capital expenditure funding</b>																		
197	Net Transmission Capex									126.23	183.89	184.56	132.15	135.57					
198	Debt Component									39.435	67.604	64.049	31.094	30.064					
199	Equity Component									86.791	116.288	120.513	101.060	105.507					
200	Retained cash flows									96.147	133.351	142.941	151.965	159.818					
201	Equity Required (SEO) / (Surplus equity)									-	9.356	-	17.063	-	22.428	-	50.905	-	54.312
202																			
203	<b>Equity raising costs</b>																		
204	External Equity Raising Costs / (Surplus equity)									-9.356	-17.063	-22.428	-50.905	-54.312					
205	DRP cost									0.402	0.346	0.359	0.361	0.455					
206	Total Equity Raising Costs									-	-	-	-	-					
207	Equity Raising Costs to capitalise									-	-	-	-	-					
208										-	-	-	-	-					
209	Total Equity Raising Costs [\$M real as at 30 June 2017]									-	-	-	-	-					
210																			
211	<b>Equity raising cost - Split to transmission and distribution [\$M nominal]</b>									2017	2018	2019	2020	2021	2022				
212	<b>Revenue model input data</b>									past value	copy								
213	Distribution split									-	-	-	-	-	-				
214	Transmission split									-	-	-	-	-	-				
215	Total									-	-	-	-	-	-				
216																			
217										OK									
218	Revenue model input data																		
219	Distribution split									-	-	-	-	-	-				
220	Transmission split									-	-	-	-	-	-				
221	Total									-	-	-	-	-	-				

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision] Gain Sharing Mechanism (GSM)

	2	3	4	5	6	7	8	9	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	
<b>Gain Sharing Mechanism (GSM)</b>																											
<b>Year ending 30 June</b>																											
<b>[APPROVED] Sale Escalation</b>																											
Customer numbers escalation						2.41%	2.41%	2.41%	2.41%	2.41%	2.41%	2.41%															
Customer numbers factor (95%) - base as at 30 June 2011	1.000	1.023	1.046	1.070	1.095	1.120	1.145																				
Customer numbers factor (95%) - base as at 30 June 2013			1.000	1.023	1.046	1.070	1.095																				
Customer numbers factor (95%) - base as at 30 June 2014				1.000	1.023	1.046	1.070																				
Network growth escalation						2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%															
Network growth factor (95%) - base as at 30 June 2011	1.000	1.020	1.040	1.061	1.082	1.104	1.126																				
Network growth factor (95%) - base as at 30 June 2013			1.000	1.020	1.040	1.061	1.082																				
Network growth factor (95%) - base as at 30 June 2014				1.000	1.020	1.040	1.061																				
Network growth factor (30%) - base as at 30 June 2011	1.000	1.006	1.013	1.019	1.025	1.032	1.038																				
Network growth factor (30%) - base as at 30 June 2013			1.000	1.006	1.013	1.019	1.025																				
Network growth factor (30%) - base as at 30 June 2014				1.000	1.006	1.013	1.019																				
<b>[ACTUAL] Sale Escalation</b>																											
Customer numbers escalation						0.53%	3.41%	0.68%	2.49%	2.37%	1.54%																
Customer numbers factor (95%) - base as at 30 June 2011	1.000	1.005	1.038	1.044	1.069	1.093	1.109																				
Customer numbers factor (95%) - base as at 30 June 2013			1.000	1.006	1.030	1.053	1.069																				
Customer numbers factor (95%) - base as at 30 June 2014				1.000	1.024	1.047	1.062																				
Line length annual growth						1.42%	0.09%	1.35%	1.35%	0.79%	0.53%																
Number of distribution transformers annual growth						1.44%	0.47%	1.50%	1.11%	0.85%	0.64%																
Zone substation capacity annual growth						4.45%	0.82%	4.15%	-0.61%	-2.76%	0.51%																
Network growth escalation						2.44%	0.46%	2.33%	0.62%	-0.37%	0.56%																
Network growth factor (95%) - base as at 30 June 2011	1.000	1.023	1.028	1.050	1.057	1.053	1.058																				
Network growth factor (95%) - base as at 30 June 2013			1.000	1.022	1.028	1.025	1.030																				
Network growth factor (95%) - base as at 30 June 2014				1.000	1.006	1.002	1.008																				
Network growth factor (30%) - base as at 30 June 2011	1.000	1.007	1.009	1.016	1.018	1.017	1.018																				
Network growth factor (30%) - base as at 30 June 2013			1.000	1.007	1.009	1.017	1.018																				
Network growth factor (30%) - base as at 30 June 2014				1.000	1.002	1.001	1.002																				
<b>Adjusting EIB for differences between actual and forecast scale escalation</b>																											
<b>Year ending 30 June</b>																											
						<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>																	
<b>[APPROVED] Operating expenditure subject to scale escalation with ACTUAL scale escalation [\$M real as at 30 June 2017]</b>																											
<b>Distribution</b>																											
Reliability Operations						1.70	1.74	1.75	1.74	1.75																	
SCADA & Communications						4.64	4.74	4.77	4.76	4.78																	
Non-revenue cap services						-	-	-	-	-																	
Network Operations						16.10	16.21	16.24	16.22	16.25																	
Smartgrid						-	-	-	-	-																	
Maintenance Strategy						-	-	-	-	-																	
Preventive Condition						44.90	45.90	46.17	46.00	46.25																	
Preventive Routine						41.61	44.08	44.34	44.18	44.42																	
Corrective Deferred						29.12	29.77	29.94	29.84	30.00																	
Corrective Emergency						67.08	68.57	68.97	68.73	69.09																	
Call Centre						7.90	7.96	8.14	8.33	8.45																	

















## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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		
9 <b>Modelled Inflation</b>														
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 <b>Post-tax WACC</b>														
13 Real									3.60%	3.95%	3.95%	3.95%	3.95%	3.95%
14 Nominal										5.87%	5.87%	5.87%	5.87%	5.87%
15 Real WACC deflating factor										0.962	0.925	0.890	0.856	0.824
16 Nominal WACC deflating factor										0.945	0.892	0.843	0.796	0.752
17 <b>Asset Value</b>									2017	2018	2019	2020	2021	2022
18 <b>Asset Value (Real \$ M 30/06/17)</b>														
19 Opening Asset Value									5,723.09	5,798.40	6,008.37	6,208.58	6,442.94	6,582.38
20 Capex									357.43	472.63	481.97	517.29	408.86	411.24
21 Depreciation									-281.50	-258.30	-274.85	-278.57	-269.42	-262.49
22 Accelerated Depreciation									-	-4.37	-6.90	-4.37	-	-
23 Redundant Assets									-0.62	-	-	-	-	-
24 Closing Asset Value									5,798.40	6,008.37	6,208.58	6,442.94	6,582.38	6,731.13
25 <b>Asset Value</b>									2017	2018	2019	2020	2021	2022
26 <b>Asset Value (Nominal \$ m)</b>														
27 Opening balance (start period)									5,614.52	5,798.40	6,118.92	6,439.16	6,805.17	7,080.38
28 Inflation on opening value									108.568	106.691	112.588	118.480	125.215	130.279
29 Opening balance (end period)									5,723.09	5,905.09	6,231.51	6,557.64	6,930.39	7,210.66
30 Capex									357.43	481.33	499.86	546.38	439.79	450.49
31 Depreciation									-281.50	-263.05	-285.06	-294.23	-289.80	-287.54
32 Accelerated depreciation									-	-4.45	-7.16	-4.61	-	-
33 Redundant Assets									-0.62	-	-	-	-	-
34 Closing balance									5,798.40	6,118.92	6,439.16	6,805.17	7,080.38	7,373.61
35 <b>Deferred Revenue Account (Real \$ M 30/06/17)</b>									2017	2018	2019	2020	2021	2022
36 <b>Deferred Revenue Account</b>														
37 Opening Value									693.85	685.05	676.58	667.77	658.62	649.11
38 Payment to Principal						42.00 years			-8.81	-8.47	-8.80	-9.15	-9.51	-9.89
39 Closing Asset Value									685.05	676.58	667.77	658.62	649.11	639.22
40 <b>Deferred Revenue Recovery (Real Annuity)</b>														
41 Payment to Principal									8.81	8.47	8.80	9.15	9.51	9.89
42 Return on Opening Value									25.01	27.09	26.75	26.40	26.04	25.66
43 Revenue Recovery to be added to CoS									33.813	35.553	35.553	35.553	35.553	35.553
44														
45 <b>Working Capital (Nominal \$ m)</b>									2017	2018	2019	2020	2021	2022
46 <b>Expenses</b>														
47 Opex									351.13	276.40	278.39	283.42	294.34	295.80
48 Capex									357.43	481.33	499.86	546.38	439.79	450.49
49 Total Expenses									708.56	757.73	778.25	829.80	734.14	746.29
50 <b>Working Capital</b>														
51 Receivables						45.00 days				149.189	148.552	145.551	142.882	140.223

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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			
52 Tariff equalisation									-	-	-	-	-	-	
53 Inventory									4.00%	19.25	19.99	21.86	17.59	18.02	
54 Prepayment									0.00%						
55 Creditors									26.09 days	-54.16	-55.63	-59.15	-52.48	-53.34	
56 End of year working capital									118.86	114.28	112.92	108.25	108.00	104.90	
57 Working Capital									-	-	-	-	-	-	
58 Opening Balance									118.86	114.28	112.92	112.92	108.25	108.00	
59 Variation									-4.58	-1.36	-4.66	-4.66	-0.26	-3.10	
60 Closing Balance									114.28	112.92	108.25	108.25	108.00	104.90	
61															
62 Cost of Service (Nominal \$ m)									2017	2018	2019	2020	2021	2022	
63 Gross Cost of Service															
									PV	Sum					
64 Opex									1,205.10	1,428.36	276.40	278.39	283.42	294.34	295.80
65 Depreciation									1,197.73	1,419.69	263.05	285.06	294.23	289.80	287.54
66 Accelerated Depreciation									14.48	16.22	4.45	7.16	4.61	-	-
67 Redundant Assets									-	-	-	-	-	-	-
68 Deferred Revenue Recovery									158.48	187.82	36.21	36.87	37.55	38.24	38.95
69 Tax									342.33	393.48	152.43	65.16	62.47	51.47	61.94
70 Imputation Credits									-171.17	-196.74	-76.22	-32.58	-31.23	-25.74	-30.97
71 Tariff Equalisation									717.00	845.00	167.00	198.00	162.00	157.00	161.00
72 Return on Assets									1,590.15	1,891.50	340.17	358.97	377.76	399.23	415.37
73 Inflationary gain in return on asset									-498.74	-593.25	-106.69	-112.59	-118.48	-125.22	-130.28
74 Return on Working Capital									27.97	32.99	6.97	6.70	6.62	6.35	6.34
75 Cost of Service									4,583.34	5,425.05	1,063.77	1,091.14	1,078.95	1,085.49	1,105.69
76 Additional deferred revenue									-	-	-	-	-	-	-
77 Cost of Service (adjusted)									4,583.34	5,425.05	1,063.77	1,091.14	1,078.95	1,085.49	1,105.69
78															
79 Net Cost of Service (Nominal \$ m)									2017	2018	2019	2020	2021	2022	
80 Gross CoS									4,583.34	5,425.05	1,063.77	1,091.14	1,078.95	1,085.49	1,105.69
81 Non-revenue cap services revenue									-	-	-	-	-	-	-
82 IAM Revenue Adjustment									-6.87	-7.28	-	-	-	-	-
83 SSAM Revenue Adjustment									231.56	245.15	7.28	245.15			
84 Unforeseen Events Revenue Adjustment									-	-	-	-	-	-	-
85 Technical Rule Change Revenue Adjustment									-	-	-	-	-	-	-
86 D-Factor Revenue Adjustment									8.41	8.90	8.90				
87 GSM Revenue Adjustment									142.26	171.21	27.87	30.41	30.97	24.24	57.72
88 k-factor adjustment									35.02	37.08	37.08				
89 Net Cost of Service									4,993.72	5,880.11	1,375.49	1,121.56	1,109.92	1,109.73	1,163.41
90 Net CoS excluding K factor									4,958.70	5,843.04	1,338.41	1,121.56	1,109.92	1,109.73	1,163.41
91											1,262.20	1,088.97	1,078.69	1,084.00	1,132.44
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									4,993.72	5,880.11	1,375.49	1,121.56	1,109.92	1,109.73	1,163.41

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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		
95														
96 Smoothed Revenue						4,993.72	5,895.12		1,235.04	1,210.09	1,204.92	1,183.81	1,158.93	1,137.37
97 Delta PV						-0.00				165.40	-83.36	-73.89	-49.20	26.04
98						OK								
99 Energy Transported (GWh)						56,905.87			13,769	13,691	13,656	13,505	13,276	13,083
100 Annual Average Tariff						87.75			89.70	88.39	88.23	87.66	87.30	86.93
101 Annual tariff variation									7.21%	-1.46%	-0.17%	-0.41%	-0.41%	-0.41%
102														
103 RECONCILIATION									2017	2018	2019	2020	2021	2022
104 Net cash flow analysis (Nominal \$ m)						PV								
105 Smoothed Revenue Cap Services Revenue						4,993.72			1,375.49	1,121.56	1,109.92	1,109.73	1,163.41	
106 (-) additional deferred revenue from transmission						-			-	-	-	-	-	-
107 Opex						-1,205.10			-276.40	-278.39	-283.42	-294.34	-295.80	
108 Capex						-2,050.02			-481.33	-499.86	-546.38	-439.79	-450.49	
109 Non-revenue cap services revenue						-			-	-	-	-	-	-
110 Tax Payable						-342.33			-152.434	-65.162	-62.467	-51.474	-61.940	
111 Less Value of Imputation Credits						171.17			76.217	32.581	31.233	25.737	30.970	
112 Tariff Equalisation						-717.00			-167.000	-198.000	-162.000	-157.000	-161.000	
113 IAM Revenue Adjustment						6.87			7.278	-	-	-	-	-
114 SSAM Revenue Adjustment						-231.56			-245.146	-	-	-	-	-
115 Unforeseen Events Revenue Adjustment						-			-	-	-	-	-	-
116 Technical Rule Change Revenue Adjustment						-			-	-	-	-	-	-
117 D-Factor Revenue Adjustment						-8.41			-8.901	-	-	-	-	-
118 GSM Revenue Adjustment						-142.26			-27.870	-30.411	-30.970	-24.244	-57.720	
119 K-Factor						-35.02			-37.077	-	-	-	-	-
120 Asset Opening Value						-5,798.40			-5,798.404					
121 Asset Closing Value						5,544.81								7,373.611
122 Deferred Revenue Opening Value						-685.05			-685.045					
123 Defferred Revenue closing Value						526.56								700.234
124 Opening Value of Working Capital						-118.86			-118.859					
125 Closing Value of working capital						78.88								104.898
126 Working capital variation						12.01			4.579	1.363	4.664	0.256	3.100	
127 Net Cash Flow						-			-6,602.308	67.408	83.676	60.582	168.868	8,349.270
128						OK								



## ERA Western Power AA4 Revenue Model, Sept 2018 [Final 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%	3.95%	3.95%	3.95%	3.95%	3.95%
14 Nominal										5.87%	5.87%	5.87%	5.87%	5.87%
15 Nominal WACC deflating factor										0.945	0.892	0.843	0.796	0.752
16 Asset Value (Real\$ M 30/06/17)									2017	2018	2019	2020	2021	2022
17 Asset Value														
18 Opening Asset Value									3,135.46	3,108.63	3,122.87	3,184.96	3,237.67	3,231.74
19 Capex									104.07	123.95	177.31	174.74	122.86	123.76
20 Depreciation									-129.44	-109.71	-115.21	-122.03	-128.80	-132.25
21 Accelerated Depreciation									-	-	-	-	-	-
22 Redundant Assets									-1.45	-	-	-	-	-
23 Closing Asset Value									3,108.63	3,122.87	3,184.96	3,237.67	3,231.74	3,223.24
24 Asset Value (Nominal \$M)									2017	2018	2019	2020	2021	2022
25 Asset Value														
26 Opening balance (start period)									3,075.98	3,108.63	3,180.33	3,303.25	3,419.70	3,476.24
27 Inflation on opening value									59.480	57.199	58.518	60.780	62.923	63.963
28 Opening balance (end period)									3,135.46	3,165.83	3,238.85	3,364.03	3,482.62	3,540.20
29 Capex									104.07	126.23	183.89	184.56	132.15	135.57
30 Depreciation									-129.44	-111.72	-119.49	-128.89	-138.54	-144.87
31 Accelerated depreciation									-	-	-	-	-	-
32 Redundant Assets									-1.45	-	-	-	-	-
33 Closing balance									3,108.63	3,180.33	3,303.25	3,419.70	3,476.24	3,530.90
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	92.04	91.23	90.39	89.52
37 Payment to Principal				50.00	years				-0.82	-0.78	-0.81	-0.84	-0.87	-0.91
38 Closing Asset Value									92.81	92.04	91.23	90.39	89.52	88.61
39 Deferred Revenue Recovery (Real Annuity)														
40 Payment to Principal									0.82	0.78	0.81	0.84	0.87	0.91
41 Return on Opening Value									3.37	3.67	3.64	3.61	3.57	3.54
42 Revenue Recovery to be added to CoS									4.198	4.446	4.446	4.446	4.446	4.446
43 Working Capital (Nominal \$ m)									2017	2018	2019	2020	2021	2022
44 Expenses														
45 Opex									105.65	83.64	83.63	84.85	87.72	87.26
46 Capex									104.07	126.23	183.89	184.56	132.15	135.57
47 Total Expenses									209.71	209.87	267.52	269.41	219.87	222.83
48 Working Capital														
49 Receivables				45.00	days					35.27	37.37	46.12	52.69	59.78
50 Inventory				4.00%						5.05	7.36	7.38	5.29	5.42

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision]

### Transmission 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													
									2017	2018	2019	2020	2021	2022
									30/06/2017	30/06/2018	30/06/2019	30/06/2020	30/06/2021	30/06/2022
									365	365	365	366	365	365
									11	12	13	14	15	16
									AA3			AA4		
51	Prepayment					0.00%			-	-	-	-	-	-
52	Creditors					26.09	days		-15.00	-19.12	-19.20	-15.72	-15.93	
53	End of year Working Capital							18.30	25.32	25.60	34.30	42.26	49.28	
54	<b>Working Capital</b>													
55	Opening Value								18.30	25.32	25.60	34.30	42.26	
56	Variation								7.03	0.28	8.70	7.95	7.02	
57	Closing Value								18.30	25.32	25.60	34.30	42.26	49.28
58														
59	<b>Cost of Service (Nominal \$ m)</b>								2017	2018	2019	2020	2021	2022
60	<b>Gross Cost of Service</b>													
						<b>PV</b>	<b>Sum</b>							
61	Opex					360.59	427.10		83.64	83.63	84.85	87.72	87.26	
62	Depreciation					540.01	643.52		111.72	119.49	128.89	138.54	144.87	
63	Accelerated Depreciation					-	-		-	-	-	-	-	
64	Redundant Assets					-	-		-	-	-	-	-	
65	Deferred Revenue Recovery					19.82	23.49		4.53	4.61	4.70	4.78	4.87	
66	Tax					100.44	119.19		24.89	21.43	22.28	22.37	28.22	
67	Imputation Credits					-50.22	-59.60		-12.45	-10.72	-11.14	-11.18	-14.11	
68	Tariff Equalisation					-	-							
69	Return on Assets					815.12	967.29		182.37	186.58	193.79	200.62	203.94	
70	Inflationary gain in return on asset					-255.66	-303.38		-57.20	-58.52	-60.78	-62.92	-63.96	
71	Return on Working Capital					7.07	8.55		1.07	1.49	1.50	2.01	2.48	
72	Cost of Service					1,537.18	1,826.16		338.59	347.99	364.09	381.93	393.57	
73	<b>Net Cost of Service</b>													
74	Gross CoS					1,537.18	1,826.16		338.59	347.99	364.09	381.93	393.57	
75	Non-revenue cap services revenue					-	-		-	-	-	-	-	
76	IAM Revenue Adjustment					-34.45	-36.47		-36.467					
77	SSAM Revenue Adjustment					12.84	13.59		13.593					
78	Unforeseen Events Revenue Adjustment					-	-		-					
79	Technical Rule Change Revenue Adjustment					-	-		-					
80	D-Factor Revenue Adjustment					-	-		-					
81	GSM Revenue Adjustment					44.93	54.07		8.801	9.603	9.780	7.656	18.227	
82	k-factor adjustment					1.18	1.25		1.248					
83	Net Cost of Service					1,561.67	1,858.60		325.76	357.59	373.87	389.59	411.79	
84	Net Cost of Service (excluding k factor)					1,560.50	1,857.36		324.51	357.59	373.87	389.59	411.79	
85	<b>Smoothed Cost of Service (Nominal \$ m)</b>								2017	2018	2019	2020	2021	2022
86	Net Revenue Cap Service Revenue = Net CoS					1,561.67	1,858.60		325.761	357.593	373.866	389.590	411.795	
87									<b>aximum reven</b>					
88	Smoothed Revenue					1,561.67			290.14	286.11	303.07	375.14	427.34	484.90
89	Delta PV					0.00				39.65	54.52	-1.28	-37.75	-73.10
90						OK								
91	Energy Transported (GWh)					74,283.06			17,764	17,698	17,663	17,628	17,502	17,309
92	Annual Average Tariff					89.02			16.33	16.17	17.16	21.28	24.42	28.01

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision]

### Transmission 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													
93	Annual tariff variation								2017	2018	2019	2020	2021	2022
94									30/06/2017	30/06/2018	30/06/2019	30/06/2020	30/06/2021	30/06/2022
95									365	365	365	366	365	365
96									11	12	13	14	15	16
97									AA3			AA4		
98									-10.13%	-1.02%	6.14%	14.73%	14.73%	14.73%
99														
100														
101														
102														
103														
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96	RECONCILIATION													
97	Net cash flow analysis [\$M Nominal]													
98	PV													
98	Smoothed Revenue Cap Services Revenue	1,561.67							2017	2018	2019	2020	2021	2022
99	Opex	-360.59												
100	Capex	-646.01												
101	Non-revenue cap services revenue	-												
102	Tax Payable	-100.44												
103	Less Value of Imputation Credits	50.22												
104	IAM Revenue Adjustment	34.45												
105	SSAM Revenue Adjustment	-12.84												
106	Unforeseen Events Revenue Adjustment	-												
107	Technical Rule Change Revenue Adjustment	-												
108	D-Factor Revenue Adjustment	-												
109	GSM Revenue Adjustment	-44.93												
110	K-Factor	-1.18												
111	Asset Opening Value	-3,108.63							-3,108.6					
112	Asset Closing Value	2,655.16												3,530.9
113	Deferred Revenue Opening Value	-92.81							-92.8					
114	Defferred Revenue closing Value	72.99												97.1
115	Opening Value of Working Capital	-18.30							-18.3					
116	Closing Value of working capital	37.05												49.3
117	Working capital variation	-25.83								-7.0	-0.3	-8.7	-8.0	-7.0
118	Net Cash Flow	-							-3,219.7	109.2	69.5	74.8	142.9	3,826.8
119														

# ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision]

## Incentive Rate Input

	2	3	4	5	6	7	8
<b>VCRs weighted to WA</b>							
<b>VCRs by feeder type escalated by CPI (\$/KWh) \$ real as at 30 June 2017</b>							
			<b>\$ per kWh</b>				
CBD				51.0			
Urban				43.2			
Rural short				41.9			
Rural long				43.1			
<b>Value of customer reliability (VCR) - AER STPIS approach</b>							
<b>WA - energy consumption (for 12 months) GWh</b>							
CBD				519.3			
Urban				9,063.5			
Rural short				2,994.2			
Rural long				1,067.8			
<b>Total</b>				<b>13,644.9</b>			
<b>SSAM Incentive Rate Input (\$ real as at 30 June 2017)</b>							
<b>Ratio of unplanned SAIDI to unplanned SAIFI</b>							
			<b>Ratio</b>				
CBD				1.50			
Urban				1.50			
Rural short				1.50			
Rural long				1.50			
<b>Revenue at risk</b>							
			<b>Average AA4 Revenue</b>	<b>Portion at risk</b>		<b>Revenue at risk</b>	
Transmission average revenue			353,407,555	1%		3,534,076	
Distribution average revenue			949,774,942	3%		23,744,374	
<b>Total average revenue</b>			<b>1,303,182,497</b>			<b>27,278,449</b>	
Total Revenue at Risk per annum						27,278,449	
Total Revenue at Risk for AA4						136,392,245	
<b>Transmission revenue at risk to determine incentive rate</b>							
			<b>Portion at risk</b>		<b>Revenue at risk</b>		
Circuit availability			50%		1,767,038		
Loss of supply event frequency >0.1 system minutes interrupted			15.0%		530,111		
Loss of supply event frequency >1 system minutes interrupted			15.0%		530,111		
Average outage duration			20%		706,815		
<b>Total</b>					<b>3,534,076</b>		<b>OK</b>
<b>Revenue at risk check</b>							
			<b>% of revenue per % change in performance</b>		<b>(per % change in performance)</b>		
Call Centre Performance (Dx avg revenue)			0.04%		379,910		
<b>AA4 SSB and SSAM Target</b>							
<b>Distribution Reference Service Benchmark - Statistical output</b>							
			<b>(SSB)</b>	<b>SST</b>	<b>SSB</b>	<b>SSB</b>	<b>SST</b>
CBD SAIDI			5.08	17.70	33.69	33.7	17.7
CBD SAIFI			0.02	0.12	0.21	0.21	0.12
URBAN SAIDI			94.96	101.76	130.62	130.6	101.8

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision] Incentive Rate Input

	2	3	4	5	6	7	8
48	URBAN SAIFI		0.89	1.06	1.27	1.27	1.06
49	Rural Short SAIDI		152.73	175.84	215.43	215.4	175.8
50	Rural Short SAIFI		1.65	1.90	2.34	2.34	1.90
51	Rural Long SAIDI		612.17	649.10	848.28	848.3	649.1
52	Rural Long SAIFI		3.89	4.45	5.70	5.70	4.45
53	Call Centre Performance		0.87	0.92	0.94	86.8%	92.1%
54	Streetlighting repair time – metropolitan areas					5.0	N/A
55	Streetlighting repair time –regional areas					9.0	N/A
56							
57	<b>Adjustments to Distribution Reference Service Benchmark</b>						
			(SSB)	SST	SSB	SSB	SST
58	CBD SAIDI		-	-	-	0.0	0.0
59	CBD SAIFI		-	-	-	0.00	0.00
60	URBAN SAIDI		-	5.00	-	0.0	5.0
61	URBAN SAIFI		-	0.03	-	0.00	0.03
62	Rural Short SAIDI		-	12.80	-	0.0	12.8
63	Rural Short SAIFI		-	0.06	-	0.00	0.06
64	Rural Long SAIDI		-	28.54	-	0.0	28.5
65	Rural Long SAIFI		-	0.16	-	0.00	-0.16
66	Call Centre Performance		-	0.02	-	0.0%	-2.0%
67	Streetlighting repair time – metropolitan areas					5.0	N/A
68	Streetlighting repair time –regional areas					9.0	N/A
69							
70	<b>Distribution Reference Service Benchmark</b>						
			(SSB)	SST	SSB	SSB	SST
71	CBD SAIDI		N/A	17.7	33.7	33.7	17.7
72	CBD SAIFI		N/A	0.12	0.21	0.21	0.12
73	URBAN SAIDI		N/A	106.8	130.6	130.6	106.8
74	URBAN SAIFI		N/A	1.09	1.27	1.27	1.09
75	Rural Short SAIDI		N/A	188.6	215.4	215.4	188.6
76	Rural Short SAIFI		N/A	1.96	2.34	2.34	1.96
77	Rural Long SAIDI		N/A	677.6	848.3	848.3	677.6
78	Rural Long SAIFI		N/A	4.29	5.70	5.70	4.29
79	Call Centre Performance		86.8%	90.1%	93.7%	86.8%	90.1%
80	Streetlighting repair time – metropolitan areas					5.0	N/A
81	Streetlighting repair time –regional areas					9.0	N/A
82							
83	<b>Transmission Reference Service Benchmark - statistical outputs</b>						
			(SSB)	SST	SSB	SSB	SST
84	Circuit availability		97.79	98.50	98.88	97.8	98.5
85	Loss of supply event frequency >0.1 system minutes interrupted		10.00	16.60	25.00	25	17
86	Loss of supply event frequency >1 system minutes interrupted		-	1.00	3.00	3	1
87	Average outage duration		657.07	859.80	1,234.01	1234.0	860.0
88							
89	<b>Adjustment to Transmission Reference Service Benchmark</b>						
			(SSB)	SST	SSB	SSB	SST
90	Circuit availability		-	-	-	0.0	0.0
91	Loss of supply event frequency >0.1 system minutes interrupted		-	-	-	0	0
92	Loss of supply event frequency >1 system minutes interrupted		-	1.00	2.00	2	1
93	Average outage duration		-	75.80	-	0.0	-76.0

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision]

### Incentive Rate Input

	2	3	4	5	6	7	8
4							
94							
95	<b>Transmission Reference Service Benchmark</b>						
96	Circuit availability		(SSB)	SST	SSB	SSB	SST
97	Loss of supply event frequency >0.1 system minutes interrupted	97.79	98.50	98.88	97.8	98.5	
98	Loss of supply event frequency >1 system minutes interrupted	10.00	16.60	25.00	25	17	
99	Average outage duration	-	2.00	5.00	5	2	
100		657.07	784.00	1,234.01	1234.0	784.0	
101	<b>AA4 expected performance levels - SSAM targets</b>						
102	CBD		SAIDI	SAIFI	CAIDI		
103	Urban	17.7	0.12	147.50			
104	Rural short	106.8	1.09	97.98			
105	Rural long	188.6	1.96	96.22			
		677.6	4.29	157.95			

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision]

### Incentive Rates

2	3	4	5
4			
5	<b>Incentive rates calculations (\$ Real as at 30 June 2017)</b>		
6	<b>SAIDI Incentive Rates</b>		<b>\$/kWh</b>
7	CBD		30.60
8	Urban		25.92
9	Rural short		25.14
10	Rural long		25.86
11			
12	<b>Convert a SAIDI minute to MWh</b>		<b>MWh/minute</b>
13	CBD		0.99
14	Urban		17.23
15	Rural short		5.69
16	Rural long		2.03
17			
18	<b>SAIDI incentive rate (\$ per minute)</b>		<b>\$ per minute</b>
19	CBD		30,215.0
20	Urban		446,660.0
21	Rural short		143,118.0
22	Rural long		52,503.0
23			
24	<b>SAIFI (\$0.01 per event) Incentive Rate</b>		<b>\$/kWh</b>
25	CBD		20.40
26	Urban		17.28
27	Rural short		16.76
28	Rural long		17.24
29			
30	<b>Convert an event to MWh (assumes each event of average duration - CAIDI = SAIDI/SAIFI)</b>		<b>MWh/event</b>
31	CBD		145.64
32	Urban		1,688.45
33	Rural short		547.79
34	Rural long		320.68
35			
36	<b>SAIFI incentive rate (\$ per 0.01 event)</b>		<b>\$ per 0.01 event</b>
37	CBD		29,711.0
38	Urban		291,763.0
39	Rural short		91,810.0
40	Rural long		55,285.0
41			
42	<b>Call centre performance incentive rates</b>		
43	<i>Call centre reward side incentive rate</i>		
44	Portion of revenue per % change in performance		0.04%
45	Reward side incentive rate per % change in performance	-	379,909.98
46			
47	Reward side incentive rate dollars per 0.1% change in performance	-	37,991.00
48			
49	SST		90.1%
50	PoE99		93.7%

## ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision]

### Incentive Rates

	2	3	4	5
4				
51	Difference		-3.6%	
52				
53	Reward side revenue at risk to PoE99	1,367,675.92		
54				
55	<i>Call centre penalty side incentive rate</i>			
56	Penalty side revenue at risk to PoE1	- 1,367,675.92		
57				
58	SST		90.1%	
59	PoE1		87%	
60	Difference		3.3%	
61				
62	Penalty side incentive rate per % change in performance	- 414,447.25		
63				
64	Penalty side incentive are dollars per 0.1% change in performance	- 41,444.72		
65				
66	<b>Transmission revenue at risk</b>			
67	Revenue at risk		1.0%	
68	Tranmission Revenue (AA4 average)	353,407,555		
69	Transmission Revenue at risk	3,534,076		
70				
71	<b>Circuit Availability Incentive Rate</b>			
72	<i>Circuit Availability reward side incentive rate</i>			
73	Portion of revenue at risk		50%	
74	Revenue at risk	1,767,038		
75				
76	PoE50		98.5	
77	PoE99		98.9	
78	Difference		-0.4	
79				
80	Reward side incentive rate dollars per 0.1% of total time	- 441,759.44		
81				
82	<i>Circuit Availability penalty side incentive rate</i>			
83	PoE50		98.5	
84	PoE1		97.8	
85	Difference		-0.7	
86				
87	Penalty side incentive rate dollars per 0.1% change in performance	- 252,433.97		
88				
89	<b>Loss of Supply Event Frequency &gt;0.1 system minutes interrupted incentive rates</b>			
90	<i>Loss of supply event frequency &gt;0.1, system minutes interrupted reward side incentive rate</i>			
91	Portion of revenue at risk		0.15	
92	Revenue at risk	530,111.33		
93				
94	PoE50		17	
95	PoE99		25	
96	Difference		8	



## ERA Western Power AA4 Revenue Model, Sept 2018 [Final Decision] Incentive Rates

2	3	4	5
4			
97			
98	Reward side incentive rate dollars per event	66,263.92	
99			
100	<i>Loss of supply event frequency &gt;0.1, system minutes interrupted reward side incentive rate</i>		
101	PoE50		17
102	PoE1		10
103	Difference		7
104			
105	Panelty side incentive rate dollars per event	75,730.19	
106			
107	<b>Loss of Supply Event Frequency &gt;1 system minutes interrupted incentive rates</b>		
108	<i>Loss of supply event frequency &gt;1, system minutes interrupted reward side incentive rate</i>		
109	Portion of revenue at risk		0.15
110	Revenue at risk	530,111.33	
111			
112	PoE50		2
113	PoE99		5
114	Difference		3
115			
116	Reward side incentive rate dollars per event	176,703.78	
117			
118	<i>Loss of supply event frequency &gt;1, system minutes interrupted reward side incentive rate</i>		
119	PoE50		2
120	PoE1		0
121	Difference		2
122			
123	Panelty side incentive rate dollars per event	265,055.67	
124			
125	<b>Average outage duration</b>		
126			
127	Portion of revenue at risk		20%
128	Revenue at risk	706,815.11	
129			
130	PoE50		784
131	PoE99		1234
132	Difference		450
133			
134	Reward side incentive rate dollars per event	1,570.70	
135			
136			
137	PoE50		784
138	PoE1		657
139	Difference		127
140			
141	Panelty side incentive rate dollars per event	5,565.47	