



22 May 2015

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Ms Tina Higgins
Principal Council Officer
Select Committee on the Leasing of Electricity Infrastructure
Parliament House
Macquarie Street
Sydney NSW 2000

By email: electricityleasing@parliament.nsw.gov.au

Dear Ms Higgins

RE: Inquiry into the leasing of electricity infrastructure – Questions on Notice

Thank you for your letter of 19 May 2015 in which you requested a response to supplementary questions from the Committee and to questions the AER took on notice during our appearance on 14 May 2015.

This letter responds to your request. I would also draw your attention to an AER media release of 20 May 2015 which discusses issues raised in the supplementary questions.¹

Supplementary questions

How does the AER reconcile the language in its media release compared to the language in its 18 May letter?

On 13 May 2015, the AER wrote to the network businesses advising of its intention to revoke and substitute its determinations to address a small number of administrative errors in the 30 April determinations. This letter was written after some initial discussion with the businesses.

In subsequent consultation, the network businesses raised questions around the intended process to address the identified and agreed administrative errors. The AER sought further legal advice before making a final decision. As a result of this advice, the AER has decided not to revoke the distribution determinations at this time.

Why did the AER not mention this matter in its evidence to this committee on 15 May 2015? Was this not a serious omission and misleading, given the evidence from the AER proceeded on the basis of the existing final determination?

¹Available at <http://www.aer.gov.au/node/32477>

This was not a serious omission or misleading. The AER is seeking to correct 'material errors' that had been identified since the determinations were released. This is a specific legal term which relates to a clerical mistake or an accidental slip or omission, a miscalculation or mis-description.

The legislative framework has been specifically designed to address circumstances where errors are found and it is not unusual or uncommon in a document of the size and complexity of the AER's decisions.

These corrections will not impact on the AER's final decisions on the revenues of Endeavour Energy or Essential Energy. The AER expects there will be a minimal impact for the other businesses – a reduction of \$4.4m over four years for Ausgrid and a \$2.3m increase for Transgrid.

The AER did not bring this matter to the attention of the Committee given the clerical nature of the corrections and the minimal impacts of these corrections on the final determinations. Correcting these errors will not change the savings that customers should expect as a result of our decisions.

What does the AER propose doing in connection with the existing final determinations?

As noted above, we have decided not to revoke and substitute the regulatory determinations at this time.

We still intend to correct the errors in the final determinations as soon as practicable, in accordance with the National Electricity Rules. We anticipate this would occur no earlier than the latter of:

- A. the commencement of the next regulatory control period (1 July 2015); and
- B. once any appeal in relation to the distribution determination is resolved.

Are any changes to be made material or clerical only?

As highlighted above, the corrections are clerical and do not impact the determinations for Endeavour Energy and Essential Energy and have minor impacts on the determinations of Ausgrid and Transgrid. Correcting these errors will not change the savings that customers should expect as a result of our decisions.

What are the proposed changes?

The corrections are outlined in the appendices to letters sent to Ausgrid, Endeavour Energy, Essential Energy and Transgrid on 20 May 2015. Copies of those letters are attached for your reference.

The letters are also available at the AER website at each of the network business determinations.

Questions on notice

How would a change in ownership impact on an existing regulatory determination?

A change in ownership does not impact on an existing regulatory determination. There have been instances in the past where ownership of an energy network business

changed during a regulatory determination period. In these circumstances, the existing determination applied to the new owner of the network for the remainder of the regulatory period.

What are the total savings that will be made for electricity users over the next regulatory period for each of the businesses subject to your determination?

The AER's final decisions lower electricity network charges, with an expected reduction in typical customer bills of between 5.3 percent and 11.9 percent in 2015/16.

The table below estimates the impact of determinations on average residential and small business customer bills for each year of the regulatory period. It highlights significant falls in bills for customers of each distributor in 2015/16, followed by prices remaining relatively flat for the three years thereafter.

It also highlights that the transmission decision will lead to moderate falls in customer bills.

Estimated impact of decisions on typical customer bills compared to previous year [nominal (\$) and % change]

	2015-16	2016-17	2017-18	2018-19
Ausgrid				
Residential	-165 (-8.0%)	-23 (-1.2%)	-7 (-0.4%)	-7 (-0.4%)
Small Business	-264 (-8.0%)	-37 (-1.2%)	-11 (-0.4%)	-11 (-0.4%)
Essential				
Residential	-313 (-11.9%)	32 (1.4%)	37 (1.6%)	36 (1.5%)
Small Business	-528 (-11.9%)	54 (1.4%)	63 (1.6%)	61 (1.5%)
Endeavour				
Residential	-106 (-5.3%)	-12 (-0.6%)	-10 (-0.5%)	-15 (-0.8%)
Small Business	-152 (-5.3%)	-17 (-0.6%)	-14 (-0.5%)	-22 (-0.8%)
Transgrid				
Residential	-2 (-0.1%)	-25 (-1.1%)	-1 (-0.05%)	-1 (-0.05%)
Small Business	-4 (-0.1%)	-41 (-1.1%)	-2 (-0.05%)	-2 (-0.05%)

As highlighted in our appearance before the Committee, these price impacts are for a typical customer. Actual savings for customers depend on factors such as usage levels, consumption patterns and retail contracts.

What powers does the AER have to enforce its determinations? Can you fine companies that do not follow through and implement your decisions?

Transmission and distribution determinations are enforceable as civil penalty matters under the National Electricity Law. Declarations, penalties and injunctions are available as a consequence of breach. Directors of the corporations may also be liable for knowingly causing the company to fail to comply.

The National Electricity Law also allows for an order that the person in breach take such action, or adopt such practice, as the Court requires for remedying the breach. This might include refunds for affected customers if the breach involves overcharging of customers.

The AER also checks network tariffs annually and ensures that there is no over recovery of revenues by the businesses.

Is it possible for the Committee to get details of how many infringement notices have been issued to the State-owned businesses in New South Wales in recent years? Is that different to the privately owned companies that you regulate?

State owned businesses and privately owned businesses have the same compliance obligations under the Retail Law and Retail Rules.

The AER has recently issued seven infringement notices to distribution businesses in NSW. To date, the AER has not issued any infringement notices to privately owned distribution businesses in relation to issues under the Retail Law or Retail Rules. The AER has recently issued two infringement notices to AGL business entities in relation to the disconnection of customers on hardship and/or payment plan arrangements.

Should you have any questions, please feel free to contact me on (03) 9290 1423.

Yours sincerely

Michelle Groves
Chief Executive Officer

Contact Officer: Kurt Stevens
Contact Phone: (02) 6243 1329
Our Ref: 52294

20 May 2015

Mr Vince Graham
Chief Executive Officer
Ausgrid
Level 16, 570 George Street
SYDNEY NSW 2000

Dear Mr Graham

Correcting errors in Ausgrid distribution determination 2015–16 to 2018–19

Through discussions with Ausgrid in early May 2015, we have identified the following errors in the Ausgrid distribution determination 2015–16 to 2018–19 (the distribution determination):

1. inaccurate description of metering in Appendix A to the Overview
2. inaccurate public lighting prices
3. parameter missing for control mechanism

Following those discussions, in which AER and Ausgrid staff agreed the errors should be corrected as soon as practicable, we sent a letter on 13 May 2015 proposing that we revoke and substitute the distribution determination to achieve this outcome.

In response to that letter, there were further discussions between AER and Ausgrid staff during which Ausgrid's legal advisors raised concerns about the AER's ability under the National Electricity Rules to revoke and substitute the distribution determination and suggested we seek further legal advice.

We have sought further legal advice. As a result of this advice, we have decided not to revoke and substitute the distribution determination at this time.

We still intend to correct the above listed errors in the distribution determination as soon as practicable, in accordance with clause 6.13 of the National Electricity Rules. We anticipate this would occur no earlier than the latter of:

- A. the commencement of the next regulatory control period (1 July 2015); and
- B. once any appeal in relation to the distribution determination is resolved.

As a result of our decision, the period for making an application for review of our decision does not change.

If you have any queries on this matter please contact Kurt Stevens on (02) 6243 1329.

Yours sincerely

Paula Conboy
AER Chair

Attachment

Inaccurate description of metering in Appendix A to the Overview

Appendix A of the Overview to our final decision for the distribution determination includes a table of constituent decisions, on which the distribution determination is predicated. The table includes a misdescription. It reads as if the type 5 and 6 unrecovered metering costs are defined as standard control services. However, the AER's reasons in Attachment 13 and Attachment 16 of the final decision make it clear that standard control services do not include the type 5 and 6 unrecovered metering cost. These are classified as part of alternative control services (as part of the type 5 and 6 metering provision).

We propose to correct this error to ensure that the type 5 and 6 unrecovered metering cost is classified as part of alternative control services, in line with our decision. We propose the following correction:

Overview, Appendix A, page 59, lines 7 and 8:

- Delete ", type 5 and 6 unrecovered meter cost."

Overview, Appendix A, page 59, lines 9 and 10:

- Delete "Alternative control services include metering types 5 and 6 provision, maintenance, reading, data services and transfer administration services, ancillary network services and public lighting."
- Insert " Alternative control services include:
 - types 5 and 6 meter provision, maintenance, reading, data services, transfer administration services (including type 5 and 6 unrecovered meter cost)
 - ancillary network services
 - public lighting."

Inaccurate public lighting prices

The Ausgrid public lighting prices in Attachment 16 of the Ausgrid final decision are incorrect, for the following reasons:

- The public version of the public lighting model which Ausgrid provided and which we used for the final decision, included proxy numbers instead of actuals.
- A clerical miscalculation was made in calibrating the model. As a result, the prices the model calculated did not represent the final version of the model's inputs.

We propose to correct this error to ensure that Ausgrid's public light prices are accurate, in line with our decision. We propose the following correction:

Attachment 16, page 16-29, lines 1 to 8:

- Delete Table 16.10
- Delete "Our final decision on prices for each light type are set out in appendix X, including a reduction in post 2009 capital charges of 20 per cent from Ausgrid's revised proposal due to a lower WACC."
- Insert:

Table 16.10 Total opex, \$millions

	2015—16	2016—17	2017—18	2018—19
Revised Proposal	19.7	20.3	20.9	21.5
Final decision	16.0	16.4	16.9	17.3

Source: AER analysis.

Our final decision on prices for each light type are set out in appendix A.1, including a reduction in post 2009 capital charges of 20 per cent from Ausgrid's revised proposal due to a lower WACC.

Attachment 16, Appendix A.1, pages 16-68 to 16-85:

- Delete the appendix
- Insert Appendix A.1 to this letter.

Parameter missing for control mechanism

The revenue control formula in figure 14.1 of Attachment 14 of the final decision for Ausgrid, does not include a parameter for distribution use of system under and over recoveries from previous years. As our distribution determination uses a revenue cap, the revenue control formula should include this parameter.

We propose to correct this error so that the revenue control formula includes a parameter for distribution use of system under and over recoveries from previous years, in line with our decision. We propose the following correction:

Attachment 14, pages 14-19 to 14-20, Figure 14.1:

- Delete the figure.
- Insert:

Figure 14.1 Revenue cap formula

1. $TAR_t \geq \sum_{i=1}^n \sum_{j=1}^m p_t^{ij} q_t^{ij}$ $i=1, \dots, n$ and $j=1, \dots, m$ and $t=1, \dots, 5$
2. $TAR_t = AR_t \pm B_t \pm DUoS_t$
3. $AR_t = AR_{t-1}(1 + \Delta CPI_t)(1 - X_t)(1 + S_t)$

Where:

TAR_t is total annual revenue in year t.

p_t^{ij} is the price of component i of tariff j in year t.

q_t^{ij} is the forecast quantity of component i of tariff j in year t.

AR_t is the annual smoothed expected revenue for year t. For the 2015–16 regulatory year, AR_{t-1} is the annual smoothed expected revenue in the Post Tax Revenue Model for 2014–15.

B_t is:

- the approved pass through amounts (positive or negative) with respect to regulatory year t, as determined by the AER, plus
- the D-factor amounts we approve for 2013–14 (applies to Ausgrid’s pricing proposal for the regulatory year 2015–16).

$DUoS_t$ is an annual adjustment factor related to the balance of the DUoS unders and overs account with respect to regulatory year t.

$$\Delta CPI_t = \left[\frac{CPI_{Mar,t-2} + CPI_{Jun,t-2} + CPI_{Sep,t-1} + CPI_{Dec,t-1}}{CPI_{Mar,t-3} + CPI_{Jun,t-3} + CPI_{Sep,t-2} + CPI_{Dec,t-2}} \right] - 1$$

CPI means the all groups index number for the weighted average of eight capital cities as published by the ABS, or if the ABS does not or ceases to publish the index, then CPI will mean an index which the AER considers is the best estimate of the index.

X_t the smoothing factor determined in accordance with the PTRM as approved in the AER’s final decision, and annually revised for the return on debt update in accordance with the formula specified in the return on debt appendix I calculated for the relevant year.

S_t is the STPIS factor sum of the raw s-factors for all reliability of supply and customer service parameters (as applicable) to be applied in year t.¹ S_t for 2015–16 and 2016–17 are set at zero.

¹ In the formulas in the STPIS attachment, the AR_{t+1} is equivalent to AR_t in this formula. Calculations of the S factor adjustment are to be made accordingly.

Appendix

A.1 Public Lighting

A.1.1 Public Lighting Prices 2015-16

Opex			Post 2009 Annuity Charge		
Type	Revised Proposal	Final decision	Type	Revised Proposal	Final decision
Connection - O/U (P09)	\$92.80	\$92.80	0.5 Bracket	\$10.85	\$8.15
Connection - O/U	\$92.81	\$92.81	0.6 Bracket	\$10.58	\$7.95
Connection - UGR1	\$85.07	\$85.07	1 Bracket	\$9.95	\$7.48
Connection - UGR1 (P09)	\$85.07	\$85.07	1.2 Bracket	\$10.85	\$8.15
Connection - UGR2	\$30.93	\$30.93	1.5 Bracket	\$28.17	\$21.16
Connection - UGR2 (P09)	\$30.93	\$30.93	2 Bracket	\$15.34	\$11.52
Lamp - EMPTY	\$31.95	\$31.95	2.5 Bracket	\$16.47	\$12.37
Lamp - INC1x100	\$45.55	\$45.62	3 Bracket	\$24.01	\$18.03
Lamp - INC1x1000	\$80.52	\$80.62	3.5 Bracket	\$23.83	\$17.90
Lamp - INC1x1440	\$45.42	\$45.49	4 Bracket	\$29.30	\$22.01
Lamp - INC1x150	\$47.03	\$47.10	4.5 Bracket	\$25.53	\$19.18
Lamp - INC1x150 (P09)	\$47.03	\$47.10	5 Bracket	\$33.52	\$25.17
Lamp - INC1x200	\$47.55	\$47.62	6 Bracket	\$33.70	\$25.31
Lamp - INC1x300	\$53.48	\$53.55	6.5 Bracket	\$47.88	\$35.95
Lamp - INC1x40	\$45.57	\$45.64	7 Bracket	\$47.88	\$35.95
Lamp - INC1x500	\$62.69	\$62.76	8 Bracket	\$47.88	\$35.95
Lamp - INC1x60	\$45.55	\$45.62	1x40W TF	\$25.51	\$20.93
Lamp - INC1x75	\$45.55	\$45.62	1x80W TF	\$23.45	\$19.24
Lamp - INC3x100	\$52.48	\$52.55	1000W MBF	\$123.30	\$101.11
Lamp - LED1x237	\$34.91	\$34.92	1000W SON	\$123.30	\$101.11
Lamp - LED1x29	\$29.26	\$29.27	1000W SON FLOODLIGHT	\$101.09	\$82.91
Lamp - MBF1x1000	\$87.15	\$87.29	1000W/1500W MBI	\$136.52	\$111.95

Opex			Post 2009 Annuity Charge			
FLOODLIG						
Lamp - MBF1x1000 (P09)	\$87.15	\$87.29	100W MBI	\$47.03	\$38.58	
Lamp - MBF1x125	\$63.79	\$45.25	100W MBI FLOODLIG HT	\$50.85	\$41.71	
Lamp - MBF1x125 (P09)	\$63.79	\$45.25	100W SON	\$50.01	\$41.02	
Lamp - MBF1x160	\$44.05	\$44.10	100W SON -	PARKVILLE	\$134.21	\$110.05
Lamp - MBF1x250	\$73.54	\$51.61	100W SON FLOODLIG HT	\$72.96	\$59.84	
Lamp - MBF1x250 (P09)	\$73.54	\$51.61	100W SON -PLAIN	\$50.01	\$41.02	
Lamp - MBF1x400	\$75.82	\$51.61	125W MBF	\$37.01	\$30.37	
Lamp - MBF1x400 (P09)	\$75.82	\$51.61	125W MBF - BOURKE HILL	\$99.01	\$81.20	
Lamp - MBF1x42	\$68.06	\$42.22	125W MBF - HYDE PARK	\$76.55	\$62.78	
Lamp - MBF1x42 (P09)	\$68.06	\$42.22	125W MBF -	NOSTALGI A	\$100.91	\$82.75
Lamp - MBF1x50	\$75.65	\$45.43	125W MBF -	PARKVILLE	\$122.75	\$100.66
Lamp - MBF1x50 (P09)	\$75.65	\$45.43	125W MBF BOLLARD	\$68.14	\$55.89	
Lamp - MBF1x500	\$80.99	\$81.06	125W MBF -PLAIN	\$37.01	\$30.37	
Lamp - MBF1x700	\$71.34	\$71.41	125W/250W MBF FLOODLIG HT	\$48.30	\$39.62	
Lamp - MBF1x80	\$52.40	\$44.20	135W SOX	\$53.40	\$43.80	
Lamp - MBF1x80 (P09)	\$52.40	\$44.20	150W SON	\$50.45	\$41.38	
Lamp - MBF1x800	\$80.99	\$81.06	150W SON - HYDE PARK	\$76.55	\$62.78	
Lamp - MBF2x125	\$119.07	\$63.43	150W SON -	\$134.21	\$110.05	

Opex			Post 2009 Annuity Charge		
				PARKVILLE	
Lamp - MBF2x125 (P09)	\$119.07	\$63.43	150W SON PARKWAY 1	\$59.95	\$49.17
Lamp - MBF2x160	\$50.40	\$50.47	150W SON FLOODLIG HT	\$58.86	\$48.28
Lamp - MBF2x175	\$50.40	\$50.47	150W SON GEC 'BOSTON 3'	\$122.75	\$100.86
Lamp - MBF2x400	\$109.75	\$63.85	150W/250W MBI FLOODLIG HT	\$89.75	\$73.60
Lamp - MBF2x80	\$71.36	\$54.38	180W SOX	\$59.18	\$48.55
Lamp - MBF3x160	\$53.32	\$79.37	2x14W TF - T5 PIERLITE M	\$37.98	\$31.16
Lamp - MBF3x250	\$141.98	\$79.37	2x175W MBF - PARKWAY 2	\$149.03	\$122.20
Lamp - MBF3x400	\$147.26	\$79.37	2x20W TF	\$25.43	\$20.86
Lamp - MBF3x80	\$88.96	\$65.60	2x20W TF - WAVERLE Y	\$25.43	\$20.86
Lamp - MBF4x1000	\$236.13	\$188.72	2x250W SON FLOODLIG HT	\$82.34	\$67.53
Lamp - MBF4x80	\$105.31	\$76.81	2x26W TF MACQUARI E DEC.	\$116.30	\$95.37
Lamp - MBF6x125	\$234.91	\$124.69	2x400W MBF - PARKWAY 2	\$149.03	\$122.20
Lamp - MBF6x160	\$59.79	\$124.69	2x400W MBI FLOODLIG HT	\$151.22	\$124.01
Lamp - MBF9x160	\$66.83	\$170.63	2x400W SON FLOODLIG HT	\$163.03	\$133.69

Opex			Post 2009 Annuity Charge		
Lamp - MBI1x100	\$60.25	\$60.32	2x40W TF	\$39.43	\$32.34
Lamp - MBI1x100 (P09)	\$60.25	\$60.32	2x70W SON - BOURKE HILL	\$158.26	\$129.77
Lamp - MBI1x1000	\$110.26	\$110.33	2x80W MBF - BOURKE HILL	\$79.08	\$64.85
Lamp - MBI1x1000 (P09)	\$110.26	\$110.33	250W MBF	\$49.57	\$40.67
Lamp - MBI1x150	\$92.36	\$92.43	250W MBF - PARKVILLE	\$125.87	\$103.22
Lamp - MBI1x150 (P09)	\$92.36	\$92.43	250W MBF - PARKWAY 1	\$59.95	\$49.17
Lamp - MBI1x1500	\$89.14	\$89.21	250W MBI - SMARTPOL E	\$24.45	\$20.07
Lamp - MBI1x250	\$59.60	\$59.67	250W SON	\$50.45	\$41.38
Lamp - MBI1x250 (P09)	\$59.60	\$59.67	250W SON - PARKVILLE	\$144.86	\$118.79
Lamp - MBI1x3745	\$45.42	\$45.49	250W SON - PARKWAY 1	\$59.95	\$49.17
Lamp - MBI1x400	\$60.56	\$60.63	250W SON FLOODLIG HT	\$58.86	\$48.28
Lamp - MBI1x400 (P09)	\$60.56	\$60.63	250W SON GEC 'BOSTON 3'	\$125.06	\$102.55
Lamp - MBI1x500	\$77.23	\$77.30	2X14W TF - T5 PIERLIGHT	\$37.98	\$31.16
Lamp - MBI1x70	\$55.85	\$55.89	3x400W MBF - PARKWAY 3	\$149.03	\$122.20
Lamp - MBI1x70 (P09)	\$55.85	\$55.89	4x1000W MBF	\$130.04	\$106.64
Lamp - MBI1x70 II	\$67.15	\$67.22	4x20W TF	\$62.49	\$51.25
Lamp - MBI2x400	\$74.08	\$74.15	4x20W TF - WAVERLE	\$62.49	\$51.25

Opex			Post 2009 Annuity Charge		
			Y		
Lamp - MBI4x150	\$218.10	\$218.17	4x250W SON	\$92.53	\$75.88
Lamp - SON1x100	\$82.89	\$83.12	4x40W TF	\$74.16	\$60.82
Lamp - SON1x100 (P09)	\$82.89	\$83.12	4x40W TF - WAVERLE Y	\$68.88	\$56.49
Lamp - SON1x1000	\$86.29	\$86.37	4x600W SON	\$140.23	\$114.99
Lamp - SON1x1000 (P09)	\$86.29	\$86.37	400W MBF	\$39.93	\$32.76
Lamp - SON1x120	\$54.76	\$54.85	400W MBF - PARKWAY 1	\$82.34	\$67.53
Lamp - SON1x150	\$85.83	\$71.50	400W MBF FLOODLIG HT	\$90.44	\$74.17
Lamp - SON1x150 (P09)	\$85.83	\$71.50	400W MBI - SMARTPOL E	\$24.45	\$20.07
Lamp - SON1x150 AR	\$64.16	\$64.28	400W MBI FLOODLIG HT	\$68.45	\$56.14
Lamp - SON1x220	\$66.44	\$66.53	400W SON	\$54.71	\$44.87
Lamp - SON1x250	\$87.88	\$74.85	400W SON - PARKWAY 1	\$59.95	\$49.17
Lamp - SON1x250 (P09)	\$87.88	\$74.85	400W SON FLOODLIG HT	\$58.86	\$48.28
Lamp - SON1x250 AR	\$65.18	\$65.31	40W SOX	\$25.51	\$20.93
Lamp - SON1x310	\$65.41	\$65.50	42W MBF SYLVANIA SUB ECO	\$34.84	\$28.58
Lamp - SON1x360	\$65.41	\$65.50	500W MBI FLOODLIG HT	\$86.51	\$70.95
Lamp - SON1x400	\$95.00	\$72.86	50W MBF	\$26.10	\$21.42
Lamp - SON1x400 (P09)	\$95.00	\$72.86	50W MBF - BOURKE HILL	\$79.08	\$64.85
Lamp - SON1x400 AR	\$91.71	\$91.86	50W MBF - NOSTALGI	\$79.08	\$64.85

Opex:			Post 2009 Annuity Charge		
			A		
Lamp - SON1x50	\$47.79	\$47.85	50W MBF - PLAIN	\$26.10	\$21.42
Lamp - SON1x50 (P09)	\$47.79	\$47.85	50W MBF BOLLARD	\$49.85	\$40.88
Lamp - SON1x70	\$63.76	\$63.89	50W SON	\$25.23	\$20.70
Lamp - SON1x70 (P09)	\$63.76	\$63.89	50W SON - BOURKE HILL	\$88.52	\$72.59
Lamp - SON2x250	\$135.76	\$120.47	50W SON - NOSTALGI A	\$39.76	\$32.61
Lamp - SON2x250 (P09)	\$135.76	\$120.47	60W SOX	\$25.51	\$20.93
Lamp - SON2x400	\$148.21	\$112.92	700W MBF	\$53.18	\$43.62
Lamp - SON2x70	\$92.67	\$92.92	70W MBI	\$32.83	\$26.93
Lamp - SON3x70	\$166.56	\$176.64	70W MBI - MACQUARI E DEC.	\$137.10	\$112.43
Lamp - SON4x250	\$214.01	\$214.83	70W SON	\$28.73	\$23.57
Lamp - SON4x600	\$227.40	\$228.29	70W SON - BOURKE HILL	\$88.52	\$72.59
Lamp - SON4x70	\$143.08	\$143.52	70W SON - GEC BOSTON 2	\$103.65	\$84.99
Lamp - SON8x70	\$221.27	\$221.98	70W SON - NOSTALGI A	\$82.50	\$67.65
Lamp - SOX1x135	\$60.92	\$61.01	70W SON - PARKVILLE	\$103.65	\$84.99
Lamp - SOX1x150	\$60.92	\$61.01	70W SON - REGAL/FLI NDERS	\$146.52	\$120.14
Lamp - SOX1x180	\$129.38	\$129.46	70W SON BOLLARD	\$62.82	\$51.52
Lamp - SOX1x90	\$54.67	\$54.73	70W SON FLOODLIG HT	\$34.78	\$28.53
Lamp - TF1x16	\$45.22	\$45.29	70W SON - PLAIN	\$28.73	\$23.57
Lamp - TF1x176	\$52.38	\$52.48	750W MBI FLOODLIG	\$86.51	\$70.95

Opex			Post 2009 Annuity Charge		
			HT		
Lamp - TF1x20	\$45.22	\$45.29	80W MBF	\$24.86	\$20.40
Lamp - TF1x236	\$52.38	\$52.48	80W MBF - PLAIN	\$24.86	\$20.40
Lamp - TF1x26	\$45.22	\$45.29	80W MBF - BEGA+CU RVE BRA	\$129.62	\$106.28
Lamp - TF1x40	\$65.99	\$66.17	80W MBF - BOURKE HILL	\$60.38	\$49.52
Lamp - TF1x40 (P09)	\$65.99	\$66.17	80W MBF - GEC BOSTON 2	\$103.65	\$84.99
Lamp - TF1x60	\$45.22	\$45.29	80W MBF - NOSTALGI A	\$77.75	\$63.76
Lamp - TF1x80	\$45.57	\$45.64	80W MBF - REGAL/FLI NDERS	\$141.31	\$115.87
Lamp - TF2x14 T5	\$52.60	\$52.67	80W MBF - SYLVANIA SUBUR	\$24.86	\$20.40
Lamp - TF2x14 T5 (P09)	\$52.60	\$52.67	80W MBF BOLLARD	\$49.85	\$40.88
Lamp - TF2x20	\$54.86	\$54.98	80W MBF TOORAK	\$70.88	\$58.13
Lamp - TF2x20 (P09)	\$54.86	\$54.98	90W SOX	\$70.76	\$58.04
Lamp - TF2x26	\$45.77	\$45.84	BOLLARD	\$39.01	\$29.28
Lamp - TF2x26 (P09)	\$45.77	\$45.84	C4	\$64.76	\$48.62
Lamp - TF2x40	\$45.77	\$45.84	COLUMN 10.5M- 13.5M	\$734.30	\$551.79
Lamp - TF2x58	\$45.77	\$45.84	COLUMN 14M-15M	\$734.30	\$551.79
Lamp - TF2x80	\$45.77	\$45.84	COLUMN 2.5M-3.5M	\$661.06	\$496.81
Lamp - TF3x20	\$46.33	\$46.40	COLUMN 4- 6.5M ORION WATE	\$675.42	\$507.59
Lamp - TF3x40	\$46.33	\$46.40	COLUMN 4M-6.5M	\$698.58	\$524.98

Opex			Post 2009 Annually Charge		
Lamp - TF3x80	\$47.28	\$47.35	COLUMN 7M-10M	\$686.91	\$516.22
Lamp - TF4x20	\$46.88	\$46.95	DECORATI VE COLUMN	\$713.48	\$536.16
Lamp - TF4x40	\$46.88	\$46.95	DEDICATE D SUPPORT & COND	\$671.30	\$504.49
Lamp - TF4x40 (P09)	\$46.88	\$46.95	HYDE PARK STANDARD	\$767.51	\$576.72
Lamp - TF4x80	\$48.13	\$48.20	INCANDES CENT	\$19.75	\$16.21
Lamp - TF5x58	\$47.43	\$47.50	MACQUARI E STANDARD	\$46.49	\$34.90
Lamp - TF5x65	\$47.43	\$47.50	MAST 15.5M-30M	\$694.45	\$521.88
Lamp - TF5x80	\$48.98	\$49.05	MAST 23M	\$694.45	\$521.88
Lamp - TF6x20	\$47.98	\$48.05	MAST 25M	\$694.45	\$521.88
Lamp - TF6x36	\$47.98	\$48.05	NIL	\$5.11	\$3.84
Lamp - TF6x80	\$49.83	\$49.90	O/U	\$10.40	\$8.53
Lamp - TH1x1000	\$61.80	\$61.91	ORION DOUBLE ARM	\$31.57	\$23.70
Lamp - TH1x1500	\$59.76	\$59.87	POLO 10.5M DECORATI VE 2M	\$62.83	\$47.17
Lamp - TH1x400	\$67.27	\$67.38	POLO 4.5M DECORATI VE 1.2	\$62.83	\$47.17
Lamp - TH1x500	\$56.05	\$56.15	ROCKS STANDARD	\$683.52	\$513.67
Lamp - TH1x500 (P09)	\$56.05	\$56.15	SMARTPOL E DOUBLE	\$5.11	\$3.84
Lamp - TH1x750	\$62.52	\$62.63	SMARTPOL E SINGLE LONG	\$5.11	\$3.84
			SMARTPOL E SINGLE SHORT	\$5.11	\$3.84

Opex	Post 2009 Annuity Charge		
	SUSPENDE		
	D	\$15.88	\$11.92
	T1	\$21.35	\$16.03
	T2	\$28.68	\$21.53
	T2A	\$28.68	\$21.53
	T3	\$28.68	\$21.53
	T3A	\$28.68	\$21.53
	T4	\$28.95	\$21.74
	T5	\$28.95	\$21.74
	T6	\$33.70	\$25.31
	T7	\$33.70	\$25.31
	TH FLOODLIG HT	\$146.94	\$120.49
	UGORDA	\$10.40	\$8.53
	UGR1	\$14.44	\$11.84
	UGR2	\$10.40	\$8.53
	UGS	\$10.40	\$8.53
	EMPTY	\$16.27	\$13.36
	PRIVATE	\$5.11	\$3.84
	PRIVATE	\$16.27	\$13.36
	0.5 (P09)	\$10.85	\$8.15
	1.2 (P09)	\$10.85	\$8.15
	1000W SON (P09)	\$123.30	\$101.11
	100W SON (P09)	\$50.01	\$41.02
	100W SON Floodlight (P09)	\$72.96	\$59.84
	100W SON -PLAIN (P09)	\$50.01	\$41.02
	125W MBF (P09)	\$37.01	\$30.37
	125W MBF -PLAIN	\$37.01	\$30.37

Opex	Post 2009 Annuity Charge		
	(P09)		
	150W SON - Parkway 1 (P09)	\$59.95	\$49.17
	150W SON (P09)	\$50.45	\$41.38
	150W SON Active Reactor	\$73.60	\$60.37
	150W SON Floodlight (P09)	\$58.86	\$48.28
	1x29W LED	\$46.34	\$38.01
	2.0 (P09)	\$15.34	\$11.52
	250W SON - Parkway 1(P09)	\$59.95	\$49.17
	250W SON (P09)	\$50.45	\$41.38
	250W SON Active Reactor	\$73.60	\$60.37
	250W SON Floodlight (P09)	\$58.86	\$48.28
	2x14W TF - T5 Pierlight (P09)	\$37.98	\$31.16
	3.0 (P09)	\$24.01	\$18.03
	3.5 (P09)	\$23.83	\$17.90
	4.0 (P09)	\$29.30	\$22.01
	400W SON - Parkway 1(P09)	\$59.95	\$49.17
	400W SON (P09)	\$54.71	\$44.87
	400W SON Active Reactor	\$82.34	\$67.53
	400W SON Floodlight (P09)	\$58.86	\$48.28

Opex	Post 2009 Annuity Charge		
	42W MBF - Sylvania Suburban Ec (P09)	\$34.84	\$28.58
	70W MBI II	\$28.83	\$23.66
	70W MBI II AERO	\$29.93	\$24.55
	70W SON - Nostalgia (P09)	\$82.50	\$67.65
	70W SON (P09)	\$28.73	\$23.57
	70W SON Floodlight (P09)	\$34.78	\$28.53
	70W SON - PLAIN (P09)	\$28.73	\$23.57
	80W MBF - Bourke Hill (P09)	\$60.38	\$49.52
	80W MBF - PLAIN (P09)	\$24.86	\$20.40
	80W MBF - Sylvania Suburban (P09)	\$24.86	\$20.40
	Column 10.5m-13.5m (P09)	\$734.30	\$551.79
	Column 2.5m-3.5m (P09)	\$661.06	\$496.81
	Column 4m-6.5m (P09)	\$698.58	\$524.98
	Column 7m-10m (P09)	\$686.91	\$516.22
	Dedicated Support & Conductor (P09)	\$52.96	\$39.75
	Macquarie Standard (P09)	\$46.49	\$34.90

Opex	Post 2009 Annuity Charge		
	O/U (P09)	\$10.40	\$8.53
	Orion Double Arm (P09)	\$31.57	\$23.70
	Suspended (P09)	\$10.77	\$8.09
	T1 (P09)	\$23.92	\$17.96
	T2A (P09)	\$28.68	\$21.53
	T3 (P09)	\$28.68	\$21.53
	T4 (P09)	\$28.95	\$21.74
	T5 (P09)	\$28.95	\$21.74
	T6 (P09)	\$33.70	\$25.31
	T7 (P09)	\$33.70	\$25.31
	UGR1 (P09)	\$14.44	\$11.84
	UGR2 (P09)	\$10.40	\$8.53

Table 16.21: Pre-2009 capital charge

Customer	FY16		FY17		FY18		FY19	
	Revised proposal	Final decision	Revised proposal	Final decision	Revised proposal	Final decision	Revised proposal	Final decision
Customer 1	\$211,219	\$201,867	\$159,491	\$145,680	\$120,431	\$105,132	\$90,937	\$75,870
Customer 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Customer 3	\$477,006	\$451,774	\$465,345	\$417,417	\$453,969	\$385,673	\$442,871	\$356,343
Customer 4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Customer 5	\$1,073,877	\$1,024,697	\$998,965	\$909,562	\$829,279	\$807,364	\$864,454	\$716,648
Customer 6	\$266	\$250	\$185	\$163	\$128	\$106	\$89	\$69
Customer 7	\$313,694	\$303,468	\$278,116	\$260,279	\$246,573	\$223,236	\$218,607	\$191,465
Customer 8	\$206,654	\$196,186	\$205,682	\$185,371	\$204,714	\$175,153	\$203,751	\$165,498
Customer 9	\$711,356	\$678,833	\$692,919	\$631,008	\$674,960	\$586,552	\$657,466	\$545,228
Customer 10	\$9,843	\$9,167	\$8,060	\$6,991	\$6,600	\$5,331	\$5,404	\$4,065
Customer 11	\$222,481	\$212,298	\$215,877	\$196,589	\$209,470	\$182,004	\$203,252	\$168,519
Customer 12	\$445,947	\$423,141	\$435,827	\$392,389	\$425,936	\$363,873	\$416,270	\$337,428
Customer 12	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Customer 14	\$640,182	\$619,456	\$583,137	\$545,989	\$531,175	\$481,235	\$483,844	\$424,161
Customer 15	\$1,446,136	\$1,386,732	\$1,345,948	\$1,237,643	\$1,252,702	\$1,104,583	\$1,165,916	\$955,829
Customer 16	\$2,702	\$2,492	\$2,301	\$1,957	\$1,959	\$1,536	\$1,668	\$1,206
Customer 17	\$2,906	\$2,686	\$2,848	\$2,432	\$2,790	\$2,203	\$2,734	\$1,995

Customer	FY16	FY17	FY18	FY19
Customer 38	\$0	\$0	\$0	\$0
Customer 39	\$350,843	\$334,761	\$315,487	\$338,058
Customer 40	\$776,094	\$751,753	\$634,705	\$513,953
Customer 41	\$684,656	\$657,371	\$637,985	\$707,064
Customer 42	\$175,818	\$170,740	\$136,294	\$97,650
Customer 43	\$318,324	\$303,295	\$267,934	\$253,726
Customer 44	\$528,980	\$496,487	\$545,828	\$659,706
Customer 45	\$194,471	\$185,964	\$143,725	\$102,669
Customer 46	\$0	\$0	\$0	\$0
Customer 47	\$0	\$0	\$0	\$0
Customer 48	\$131,639	\$126,872	\$114,994	\$94,470
Customer 49	\$421,181	\$406,915	\$340,220	\$272,981
Customer 50	\$104,465	\$99,185	\$98,943	\$98,461
Customer 51	\$506	\$469	\$418	\$330
Customer 52	\$502	\$462	\$362	\$221
Customer 53	\$502	\$462	\$362	\$221
Customer 54	\$1,694	\$1,586	\$1,487	\$1,307
Customer 55	\$0	\$0	\$0	\$0
Customer 56	\$1,720	\$1,573	\$1,449	\$1,229
Customer 57	\$0	\$0	\$0	\$0

Customer	FY16	FY17	FY18	FY19				
Customer 58	\$1,091,792	\$1,058,083	\$1,120,469	\$1,052,348	\$1,149,898	\$1,046,645	\$1,180,101	\$1,040,972
Customer 59	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Customer 60	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Customer 61	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Customer 62	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Customer 63	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Customer 64	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Customer 65	\$905	\$839	\$896	\$770	\$887	\$707	\$878	\$648
Customer 66	\$864	\$803	\$777	\$671	\$698	\$560	\$627	\$468
Customer 67	\$266,651	\$258,060	\$204,259	\$191,309	\$156,466	\$141,824	\$119,855	\$105,140
Customer 68	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Customer 68	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Customer 70	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Customer 71	\$160	\$152	\$143	\$129	\$127	\$110	\$114	\$93
Customer 72	\$5,244	\$4,906	\$5,172	\$4,528	\$5,101	\$4,178	\$5,031	\$3,856
Customer 73	\$168,637	\$154,908	\$132,487	\$111,793	\$104,086	\$80,678	\$81,773	\$58,223
Customer 74	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Customer 75	\$282,252	\$267,777	\$313,306	\$281,994	\$347,776	\$296,965	\$386,038	\$312,732
Customer 76	\$43	\$42	\$24	\$23	\$13	\$13	\$8	\$7
Customer 77	\$1,012	\$922	\$528	\$438	\$276	\$208	\$144	\$99

Customer	FY16	FY17	FY18	FY19
Customer 78	\$0	\$0	\$0	\$0
Customer 79	\$0	\$0	\$0	\$0
Customer 80	\$827,659	\$793,638	\$738,367	\$639,104
Customer 81	\$25,929	\$24,297	\$25,546	\$28,241
Customer 82	\$633,164	\$604,634	\$563,390	\$489,150
Customer 83	\$129	\$118	\$35	\$3
Customer 84	\$0	\$0	\$0	\$0
Customer 85	\$0	\$0	\$0	\$0
Customer 86	\$0	\$0	\$0	\$0
Customer 87	\$261	\$244	\$137	\$43
Customer 88	\$132,834	\$125,066	\$130,707	\$142,763
Customer 89	\$7,843	\$7,576	\$6,895	\$5,712
Customer 90	\$196,724	\$190,234	\$169,088	\$133,587
Customer 91	\$1,635,789	\$1,572,512	\$1,488,153	\$1,332,768
Customer 92	\$0	\$0	\$0	\$0
Customer 93	\$53,585	\$50,564	\$49,878	\$48,534
Customer 94	\$0	\$0	\$0	\$0
Customer 95	\$0	\$0	\$0	\$0
Customer 96	\$0	\$0	\$0	\$0
Customer 97	\$25,657	\$24,037	\$20,594	\$15,117

Customer	FY16	FY17	FY18	FY19				
Customer 98	\$70,800	\$68,525	\$69,671	\$65,267	\$68,561	\$62,163	\$67,468	\$59,207
Customer 99	\$753,213	\$730,309	\$676,479	\$635,965	\$607,563	\$553,808	\$545,668	\$482,265
Customer 100	\$346,975	\$332,342	\$326,071	\$299,149	\$306,426	\$269,270	\$287,965	\$242,376
Customer 101	\$398,230	\$379,643	\$385,668	\$350,506	\$373,502	\$323,606	\$361,719	\$298,770
Customer 102	\$407,729	\$391,314	\$368,220	\$339,168	\$332,540	\$293,971	\$300,318	\$254,798
Customer 103	\$1,016,057	\$963,995	\$1,022,407	\$920,316	\$1,028,796	\$878,616	\$1,035,225	\$838,805
Customer 104	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$20,628,888	\$19,763,014	\$19,813,573	\$18,178,342	\$19,131,609	\$16,801,994	\$18,569,411	\$15,602,547

Contact Officer: Kurt Stevens
Contact Phone: (02) 6243 1329
Our Ref: 54420

20 May 2015

Mr Vince Graham
Chief Executive Officer
Endeavour Energy
51 Huntingwood Drive,
HUNTINGWOOD NSW 2148

Dear Mr Graham

Correcting errors in Endeavour Energy distribution determination 2015–16 to 2018–19

Through discussions with Endeavour Energy in early May 2015, we have identified the following errors in the Endeavour Energy distribution determination 2015–16 to 2018–19 (the distribution determination):

1. inaccurate description of metering in Appendix A to the Overview
2. parameter missing for control mechanism

Following those discussions, in which AER and Endeavour Energy staff agreed the errors should be corrected as soon as practicable, we sent a letter on 13 May 2015 proposing that we revoke and substitute the distribution determination to achieve this outcome.

In response to that letter, there were further discussions between AER and Endeavour Energy staff in which Endeavour Energy's legal advisors raised concerns about the AER's ability under the National Electricity Rules to revoke and substitute the distribution determination and suggested we seek further legal advice.

We have sought further legal advice. As a result of this advice, we have decided not to revoke and substitute the distribution determination at this time.

We still intend to correct the above listed errors in the distribution determination as soon as practicable, in accordance with clause 6.13 of the National Electricity Rules. We anticipate this would occur no earlier than the latter of:

- A. the commencement of the next regulatory control period (1 July 2015); and
- B. once any appeal in relation to our distribution determinations is resolved.

As a result of our decision, the period for making an application for review of our decision does not change.

If you have any queries on this matter please contact Kurt Stevens on (02) 6243 1329.

Yours sincerely

Paula Conboy
AER Chair

Attachment

Inaccurate description of metering in Appendix A to the Overview

Appendix A of the Overview to our final decision for the distribution determination includes a table of constituent decisions, on which the distribution determination is predicated. The table includes a misdescription. It reads as if the type 5 and 6 unrecovered metering costs are defined as standard control services. However, the AER's reasons in Attachment 13 and Attachment 16 of the final decision make it clear that standard control services do not include the type 5 and 6 unrecovered metering cost. These are classified as part of alternative control services (as part of the type 5 and 6 metering provision).

We propose to correct this error to ensure that the type 5 and 6 unrecovered metering cost is classified as part of alternative control services, in line with our decision. We propose the following correction:

Overview, Appendix A, page 53, lines 7 and 8:

- Delete ", type 5 and 6 unrecovered meter cost."

Overview, Appendix A, page 53, lines 9 and 10:

- Delete "Alternative control services include metering types 5 and 6 provision, maintenance, reading, data services and transfer administration services, ancillary network services and public lighting."
- Insert " Alternative control services include:
 - types 5 and 6 meter provision, maintenance, reading, data services, transfer administration services (including type 5 and 6 unrecovered meter cost)
 - ancillary network services
 - public lighting."

Parameter missing for control mechanism

The revenue control formula in figure 14.1 of Attachment 14 of the final decision for Endeavour Energy does not include a parameter for distribution use of system under and over recoveries from previous years. As our distribution determination uses a revenue cap, the revenue control formula should include this parameter.

We propose to correct this error so that the revenue control formula includes a parameter for distribution use of system under and over recoveries from previous years, in line with our decision. We propose the following correction:

Attachment 14, pages 14-15 to 14-16, Figure 14.1:

- Delete the figure
- Insert:

Figure 14.1 Revenue cap formula

1. $TAR_t \geq \sum_{i=1}^n \sum_{j=1}^m p_t^{ij} q_t^{ij}$ $i=1, \dots, n$ and $j=1, \dots, m$ and $t=1, \dots, 5$
2. $TAR_t = AR_t \pm B_t \pm DUoS_t$

$$3. AR_t = AR_{t-1}(1 + \Delta CPI_t)(1 - X_t)(1 + S_t)$$

Where:

TAR_t is total annual revenue in year t.

p_t^{ij} is the price of component i of tariff j in year t.

q_t^{ij} is the forecast quantity of component i of tariff j in year t.

AR_t is the annual smoothed expected revenue for year t. For the 2015–16 regulatory year, AR_{t-1} is the annual smoothed expected revenue in the Post Tax Revenue Model for 2014–15.

B_t is:

- the approved pass through amounts (positive or negative) with respect to regulatory year t, as determined by the AER, plus
- the D-factor amounts we approve for 2013–14 (applies to Endeavour Energy's pricing proposal for the regulatory year 2015–16).

$DUoS_t$ is an annual adjustment factor related to the balance of the DUoS unders and overs account with respect to regulatory year t.

$$\Delta CPI_t = \left[\frac{CPI_{Mar,t-2} + CPI_{Jun,t-2} + CPI_{Sep,t-1} + CPI_{Dec,t-1}}{CPI_{Mar,t-3} + CPI_{Jun,t-3} + CPI_{Sep,t-2} + CPI_{Dec,t-2}} \right] - 1$$

CPI means the all groups index number for the weighted average of eight capital cities as published by the ABS, or if the ABS does not or ceases to publish the index, then CPI will mean an index which the AER considers is the best estimate of the index.

X_t the smoothing factor determined in accordance with the PTRM as approved in the AER's final decision, and annually revised for the return on debt update in accordance with the formula specified in the return on debt appendix I calculated for the relevant year.

S_t is the STPIS factor sum of the raw s-factors for all reliability of supply and customer service parameters (as applicable) to be applied in year t.¹ S_t for 2015–16 and 2016–17 are set at zero.

¹ In the formulas in the STPIS attachment, the AR_{t-1} is equivalent to AR_t in this formula. Calculations of the S factor adjustment are to be made accordingly.

Contact Officer: Kurt Stevens
Contact Phone: (02) 6243 1329
Our Ref: 54419

20 May 2015

Mr Vince Graham
Chief Executive Officer
Essential Energy
PO Box 5730
PORT MACQUARIE NSW 2444

Dear Mr Graham

Correcting errors in Essential Energy distribution determination 2015–16 to 2018–19

Through discussions with Essential Energy in early May 2015, we have identified the following errors in the Essential Energy distribution determination 2015–16 to 2018–19 (the distribution determination):

1. inaccurate description of metering in Appendix A to the Overview
2. inaccurate public lighting prices
3. parameter missing for control mechanism

Following those discussions, in which AER and Essential Energy staff agreed the errors should be corrected as soon as practicable, we sent a letter on 13 May 2015 proposing that we revoke and substitute the distribution determination to achieve this outcome.

In response to that letter, there were further discussions between AER and Essential Energy staff during in which Essential Energy's legal advisors raised concerns about the AER's ability under the National Electricity Rules to revoke and substitute the distribution determination and suggested we seek further legal advice.

We have sought further legal advice. As a result of this advice, we have decided not to revoke and substitute the distribution determination at this time.

We still intend to correct the above listed errors in the distribution determination as soon as practicable, in accordance with clause 6.13 of the National Electricity Rules. We anticipate this would occur no earlier than the latter of:

- A. the commencement of the next regulatory control period (1 July 2015); and
- B. once any appeal in relation to our distribution determinations is resolved.

As a result of our decision, the period for making an application for review of our decision does not change.

If you have any queries on this matter please contact Kurt Stevens on (02) 6243 1329.

Yours sincerely

Paula Conboy
AER Chair

Attachment

Inaccurate description of metering in Appendix A to the Overview

Appendix A of the Overview to our final decision for the distribution determination includes a table of constituent decisions, on which the distribution determination is predicated. The table includes a misdescription. It reads as if the type 5 and 6 unrecovered metering costs are defined as standard control services. However, the AER's reasons in Attachment 13 and Attachment 16 of the final decision make it clear that standard control services do not include the type 5 and 6 unrecovered metering cost. These are classified as part of alternative control services (as part of the type 5 and 6 metering provision).

We propose to correct this error to ensure that the type 5 and 6 unrecovered metering cost is classified as part of alternative control services, in line with our decision. We propose the following correction:

Overview, Appendix A, page 60, lines 7 and 8:

- Delete ", type 5 and 6 unrecovered meter cost."

Overview, Appendix A, page 60, lines 9 and 10:

- Delete "Alternative control services include metering types 5 and 6 provision, maintenance, reading, data services and transfer administration services, ancillary network services and public lighting."
- Insert " Alternative control services include:
 - types 5 and 6 meter provision, maintenance, reading, data services, transfer administration services (including type 5 and 6 unrecovered meter cost)
 - ancillary network services
 - public lighting."

Inaccurate public lighting prices

The Essential Energy public lighting prices in Attachment 16 of the Essential Energy final decision are incorrect. Essential Energy has advised that, in the model it developed and provided to us for the purposes of making the final decision, the starting point (or current tariff) from which net present value smoothing is applied was incorrect. The column within the model that was used to smooth prices contained a theoretical build-up of a tariff without overheads. This is a misapplication by Essential Energy of its model. As a result, Essential Energy's public lighting prices appear to be based upon false or materially misleading information.

We propose to correct this error to ensure that Essential Energy's public lighting prices are accurate, in line with our decision. We propose the following correction:

Attachment 16, page 16-33, lines 3 to 11:

- Delete Table 16.15
- Delete "Final decision prices for each light type are set out in appendix X."
- Insert:

Table 16.15 Total Revenue, \$ millions

	2015—16	2016—17	2017—18	2018—19
Initial Proposal	14.9	15.4	15.9	16.5
Revised Proposal	13.3	13.5	13.7	13.9
Final decision	10.7	12.3	14.2	16.4
change from previous year (percentage)	15	15	15	15

Source: AER analysis.

Final decision prices for each light type are set out in appendix A.2.”

Attachment 16, Appendix A.2, pages 16-79 to 16-113:

- Delete the appendix
- Insert Appendix A.2 to this letter.

Parameter missing for control mechanism

The revenue control formula in figure 14.1 of Attachment 14 of the final decision for Essential Energy, does not include a parameter for distribution use of system under and over recoveries from previous years. As our distribution determination uses a revenue cap, the revenue control formula should include this parameter.

We propose to correct this error so that the revenue control formula includes a parameter for distribution use of system under and over recoveries from previous years, in line with our decision. We propose the following correction:

Attachment 14, page 14-15, Figure 14.1:

- Delete the figure
- Insert:

Figure 14.1 Revenue cap formula

1. $TAR_t \geq \sum_{i=1}^n \sum_{j=1}^m p_t^{ij} q_t^{ij}$ $i=1, \dots, n$ and $j=1, \dots, m$ and $t=1, \dots, 5$
2. $TAR_t = AR_t \pm B_t \pm DUoS_t$
3. $AR_t = AR_{t-1}(1 + \Delta CPI_t)(1 - X_t)(1 + S_t)$

Where:

TAR_t is total annual revenue in year t.

p_t^{ij} is the price of component i of tariff j in year t.

q_t^{ij} is the forecast quantity of component i of tariff j in year t.

AR_t is the annual smoothed expected revenue for year t. For the 2015–16 regulatory year, AR_{t-1} is the annual smoothed expected revenue in the Post Tax Revenue Model for 2014–15.

B_t is:

- the approved pass through amounts (positive or negative) with respect to regulatory year t, as determined by the AER, plus
- the D-factor amounts we approve for 2013–14 (applies to Essential Energy's pricing proposal for the regulatory year 2015–16).

$DUoS_t$ is an annual adjustment factor related to the balance of the DUoS unders and overs account with respect to regulatory year t.

$$\Delta CPI_t = \left[\frac{CPI_{Mar,t-2} + CPI_{Jun,t-2} + CPI_{Sep,t-1} + CPI_{Dec,t-1}}{CPI_{Mar,t-3} + CPI_{Jun,t-3} + CPI_{Sep,t-2} + CPI_{Dec,t-2}} \right] - 1$$

CPI means the all groups index number for the weighted average of eight capital cities as published by the ABS, or if the ABS does not or ceases to publish the index, then CPI will mean an index which the AER considers is the best estimate of the index.

X_t the smoothing factor determined in accordance with the PTRM as approved in the AER's final decision, and annually revised for the return on debt update in accordance with the formula specified in the return on debt appendix I calculated for the relevant year.

S_t is the STPIS factor sum of the raw s-factors for all reliability of supply and customer service parameters (as applicable) to be applied in year t.¹ S_t for 2015–16 and 2016–17 are set at zero.

¹ In the formulas in the STPIS attachment, the AR_{t+1} is equivalent to AR_t in this formula. Calculations of the S factor adjustment are to be made accordingly.

Appendix

A.2 Public Lighting

Table 16.27 Public lighting 2015-16 Prices – Final decision

ANNUALTARIFF_ID	Tariff Type	Dedicated Support Type	No. of Lights	SLUOS charge	
				Revised proposal	Final decision
FLU0010-ST-0990-001-B	1	STEEL POLE	1	\$ 151.85	\$ 173.05
FLU0050-ST-0010-001-B	1	SHARED OR NO POLE	1	\$ 62.62	\$ 67.34
FLU0050-ST-0740-001-B	1	SHARED OR NO POLE	2	\$ 69.93	\$ 76.35
FLU0060-ST-0010-001-B	1	SHARED OR NO POLE	1	\$ 64.93	\$ 72.52
FLU0060-ST-0810-001-B	1	WOOD POLE	1	\$ 117.05	\$ 131.87
FLU0060-ST-0990-001-B	1	STEEL POLE	1	\$ 154.25	\$ 178.27
FLU0080-ST-0010-001-B	1	SHARED OR NO POLE	1	\$ 70.26	\$ 83.15
FLU0100-ST-0010-001-B	1	SHARED OR NO POLE	1	\$ 62.48	\$ 67.29
FLU0130-ST-0010-001-B	1	SHARED OR NO POLE	1	\$ 61.14	\$ 65.88
FLU0130-ST-0740-001-B	1	SHARED OR NO POLE	2	\$ 68.45	\$ 74.90
FLU0130-ST-0810-001-B	1	WOOD POLE	1	\$ 113.26	\$ 125.23
FLU0130-ST-0990-001-B	1	STEEL POLE	1	\$ 150.47	\$ 171.63
FLU0130-ST-1000-001-B	1	STEEL POLE	2	\$ 150.95	\$ 178.19
FLU0140-ST-0010-001-B	1	SHARED OR NO POLE	1	\$ 62.45	\$ 69.79
FLU0140-ST-0810-001-B	1	WOOD POLE	1	\$ 114.57	\$ 129.13
FLU0190-ST-0010-001-B	1	SHARED OR NO POLE	1	\$ 67.52	\$ 71.61
FLU0240-ST-0010-001-B	1	SHARED OR NO POLE	1	\$ 66.00	\$ 67.63
FLU0350-ST-1620-001-B	1	SHARED OR NO POLE	1	\$ 81.39	\$ 73.72
HPS0010-ST-0040-001-B	1	SHARED OR NO POLE	1	\$ 89.34	\$ 75.38
HPS0010-ST-0360-001-B	1	STEEL POLE	1	\$ 178.67	\$ 181.13
HPS0010-TA-0090-001-B	1	SHARED OR NO POLE	1	\$ 89.86	\$ 71.13
HPS0010-TA-0140-001-B	1	WOOD POLE	1	\$ 141.98	\$ 130.47
HPS0010-TA-0170-001-B	1	STEEL POLE	1	\$ 179.18	\$ 176.87
HPS0010-TA-1210-001-B	1	WOOD POLE	2	\$ 144.35	\$ 139.93
HPS0020-ST-0040-001-B	1	SHARED OR NO POLE	1	\$ 92.50	\$ 76.43
HPS0020-ST-0350-001-B	1	WOOD POLE	1	\$ 144.63	\$ 135.78
HPS0020-ST-0360-001-B	1	STEEL POLE	1	\$ 181.83	\$ 182.17

ANNUALTARIFF_ID	Tariff Type	Dedicated Support Type	No. of Lights	SLUOS charge	
HPS0020-ST-0730-001-B	1	STEEL POLE	2	\$ 183.66	\$ 190.40
HPS0020-ST-0750-001-B	1	SHARED OR NO POLE	3	\$ 109.82	\$ 97.79
HPS0020-ST-0890-001-B	1	SHARED OR NO POLE	2	\$ 101.16	\$ 87.11
HPS0020-ST-0910-001-B	1	WOOD POLE	2	\$ 145.81	\$ 143.77
HPS0020-TA-0090-001-B	1	SHARED OR NO POLE	1	\$ 92.02	\$ 75.50
HPS0020-TA-0140-001-B	1	WOOD POLE	1	\$ 144.15	\$ 134.84
HPS0020-TA-0170-001-B	1	STEEL POLE	1	\$ 181.35	\$ 181.23
HPS0070-ST-0040-001-B	1	SHARED OR NO POLE	1	\$ 92.50	\$ 76.43
HPS0090-ST-0050-001-B	1	SHARED OR NO POLE	1	\$ 141.21	\$ 108.54
HPS0090-ST-0220-001-B	1	WOOD POLE	1	\$ 193.33	\$ 167.88
HPS0090-ST-0310-001-B	1	STEEL POLE	1	\$ 220.87	\$ 202.35
HPS0090-ST-0690-001-B	1	STEEL POLE	2	\$ 227.87	\$ 216.95
HPS0090-ST-0710-001-B	1	STEEL POLE	3	\$ 239.42	\$ 233.19
HPS0090-ST-0980-001-B	1	WOOD POLE	2	\$ 199.69	\$ 182.26
HPS0090-ST-1010-001-B	1	SHARED OR NO POLE	2	\$ 155.03	\$ 125.59
HPS0090-ST-1360-001-B	1	R/BOUT COLUMN	3	\$ 305.23	\$ 314.37
HPS0090-TA-0050-001-B	1	SHARED OR NO POLE	1	\$ 132.27	\$ 107.58
HPS0090-TA-0220-001-B	1	WOOD POLE	1	\$ 184.39	\$ 166.93
HPS0090-TA-0310-001-B	1	STEEL POLE	1	\$ 211.93	\$ 201.40
HPS0090-TA-0890-001-B	1	STEEL POLE	2	\$ 218.93	\$ 216.00
HPS0090-TA-1010-001-B	1	SHARED OR NO POLE	2	\$ 146.09	\$ 124.63
HPS0090-TA-1370-001-B	1	R/BOUT COLUMN	4	\$ 308.98	\$ 330.07
HPS0100-ST-0230-001-B	1	WOOD POLE	1	\$ 190.39	\$ 173.47
HPS0100-ST-0430-001-B	1	STEEL POLE	3	\$ 236.76	\$ 239.13
HPS0100-ST-0610-001-B	1	SHARED OR NO POLE	1	\$ 143.84	\$ 120.99
HPS0100-ST-1070-001-B	1	WOOD POLE	1	\$ 195.96	\$ 180.33
HPS0110-ST-0060-001-B	1	SHARED OR NO POLE	1	\$ 142.89	\$ 110.11
HPS0110-ST-0230-001-B	1	WOOD POLE	1	\$ 195.01	\$ 169.46
HPS0110-ST-0320-001-B	1	STEEL POLE	1	\$ 222.55	\$ 203.93
HPS0110-ST-0390-001-B	1	STEEL POLE	2	\$ 229.69	\$ 218.70
HPS0110-ST-0470-001-B	1	STEEL POLE	4	\$ 254.21	\$ 251.94
HPS0110-ST-0550-001-B	1	R/BOUT COLUMN	3	\$ 307.20	\$ 316.30
HPS0110-ST-0590-001-B	1	R/BOUT COLUMN	4	\$ 320.02	\$ 333.11

ANNUALTARIFF_ID	Tariff Type	Dedicated Support Type	No. of Lights		SLUOS charge
HPS0110-ST-0610-001-B	1	SHARED OR NO POLE	1	\$ 148.46	\$ 116.98
HPS0110-ST-0760-001-B	1	WOOD POLE	2	\$ 201.51	\$ 184.00
HPS0110-ST-0930-001-B	1	WOOD POLE	3	\$ 212.99	\$ 200.33
HPS0110-ST-0960-001-B	1	SHARED OR NO POLE	2	\$ 156.85	\$ 127.34
HPS0110-ST-1070-001-B	1	WOOD POLE	1	\$ 200.58	\$ 176.32
HPS0110-ST-1120-001-B	1	STEEL POLE	1	\$ 228.12	\$ 210.79
HPS0110-ST-1160-001-B	1	WOOD POLE	2	\$ 212.65	\$ 197.74
HPS0110-ST-1450-001-B	1	R/BOUT COLUMN	4	\$ 342.30	\$ 360.59
HPS0110-TA-0060-001-B	1	SHARED OR NO POLE	1	\$ 132.79	\$ 104.98
HPS0110-TA-0230-001-B	1	WOOD POLE	1	\$ 184.91	\$ 164.32
HPS0110-TA-0320-001-B	1	STEEL POLE	1	\$ 212.45	\$ 198.79
HPS0110-TA-0390-001-B	1	STEEL POLE	2	\$ 219.59	\$ 213.57
HPS0110-TA-0590-001-B	1	R/BOUT COLUMN	4	\$ 309.93	\$ 327.98
HPS0110-TA-0960-001-B	1	SHARED OR NO POLE	2	\$ 146.75	\$ 122.21
HPS0110-TA-1120-001-B	1	STEEL POLE	1	\$ 218.02	\$ 205.66
HPS0110-TA-1450-001-B	1	R/BOUT COLUMN	4	\$ 332.20	\$ 355.46
HPS0140-ST-0070-001-B	1	SHARED OR NO POLE	1	\$ 142.27	\$ 118.29
HPS0140-ST-0330-001-B	1	STEEL POLE	1	\$ 221.93	\$ 212.11
HPS0140-ST-0400-001-B	1	STEEL POLE	2	\$ 233.07	\$ 231.82
HPS0140-ST-1030-001-B	1	SHARED OR NO POLE	2	\$ 160.23	\$ 140.46
HPS0160-ST-0070-001-B	1	SHARED OR NO POLE	1	\$ 150.94	\$ 124.73
HPS0160-ST-0240-001-B	1	WOOD POLE	1	\$ 203.06	\$ 184.08
HPS0160-ST-0330-001-B	1	STEEL POLE	1	\$ 230.60	\$ 218.55
HPS0160-ST-0620-001-B	1	SHARED OR NO POLE	1	\$ 149.48	\$ 122.94
HPS0160-ST-0770-001-B	1	WOOD POLE	2	\$ 213.56	\$ 203.56
HPS0170-ST-0070-001-B	1	SHARED OR NO POLE	1	\$ 151.23	\$ 119.42
HPS0170-ST-0240-001-B	1	WOOD POLE	1	\$ 203.36	\$ 178.76
HPS0170-ST-0330-001-B	1	STEEL POLE	1	\$ 230.89	\$ 213.23
HPS0170-ST-0400-001-B	1	STEEL POLE	2	\$ 242.04	\$ 232.94
HPS0170-ST-0600-001-B	1	R/BOUT COLUMN	4	\$ 340.37	\$ 357.22
HPS0170-ST-0620-001-B	1	SHARED OR NO POLE	1	\$ 149.77	\$ 117.62
HPS0170-ST-0660-001-B	1	SHARED OR NO POLE	2	\$ 166.28	\$ 137.98
HPS0170-ST-0770-001-B	1	WOOD POLE	2	\$ 213.85	\$ 198.24

ANNUALTARIFF_ID	Tariff Type	Dedicated Support Type	No. of Lights	SLUOS charge	
HPS0170-ST-0900-001-B	1	WOOD POLE	2	\$ 222.28	\$ 208.64
HPS0170-ST-1030-001-B	1	SHARED OR NO POLE	2	\$ 169.20	\$ 141.58
HPS0170-ST-1080-001-B	1	WOOD POLE	1	\$ 192.63	\$ 170.48
HPS0170-ST-1130-001-B	1	STEEL POLE	2	\$ 250.46	\$ 243.34
HPS0170-ST-1170-001-B	1	STEEL POLE	1	\$ 235.11	\$ 218.43
HPS0170-ST-1250-001-B	1	WOOD POLE	3	\$ 241.97	\$ 235.11
HPS0170-TA-0070-001-B	1	SHARED OR NO POLE	1	\$ 145.53	\$ 118.63
HPS0170-TA-0240-001-B	1	WOOD POLE	1	\$ 197.65	\$ 177.97
HPS0170-TA-0330-001-B	1	STEEL POLE	1	\$ 225.19	\$ 212.44
HPS0170-TA-0400-001-B	1	STEEL POLE	2	\$ 236.33	\$ 232.15
HPS0170-TA-0600-001-B	1	R/BOUT COLUMN	4	\$ 334.66	\$ 356.43
HPS0170-TA-1080-001-B	1	WOOD POLE	1	\$ 186.93	\$ 169.69
HPS0180-ST-0860-001-B	1	R/BOUT COLUMN	3	\$ 356.00	\$ 372.35
HPS0180-ST-0870-001-B	1	R/BOUT COLUMN	4	\$ 377.04	\$ 399.30
HPS0180-ST-1490-001-B	1	R/BOUT COLUMN	2	\$ 336.09	\$ 345.81
HPS0250-ST-0120-001-B	1	SHARED OR NO POLE	1	\$ 161.94	\$ 236.85
HPS0250-ST-0840-001-B	1	R/BOUT COLUMN	3	\$ 319.94	\$ 435.25
HPS0250-ST-0850-001-B	1	R/BOUT COLUMN	2	\$ 300.04	\$ 408.70
HPS0250-ST-1050-001-B	1	R/BOUT COLUMN	4	\$ 340.98	\$ 462.20
INC0030-ST-0010-001-B	1	SHARED OR NO POLE	1	\$ 45.91	\$ 82.41
INC0040-ST-0010-001-B	1	SHARED OR NO POLE	1	\$ 45.91	\$ 82.41
INC0050-ST-0010-001-B	1	SHARED OR NO POLE	1	\$ 45.91	\$ 82.41
INC0100-ST-0810-001-B	1	WOOD POLE	1	\$ 95.07	\$ 142.92
INC0100-ST-0990-001-B	1	STEEL POLE	1	\$ 132.27	\$ 189.32
LPS0030-ST-0040-001-B	1	SHARED OR NO POLE	1	\$ 102.00	\$ 90.52
LPS0030-ST-0350-001-B	1	WOOD POLE	1	\$ 154.13	\$ 149.86
LPS0030-ST-0360-001-B	1	STEEL POLE	1	\$ 191.33	\$ 196.26
LPS0030-ST-0890-001-B	1	SHARED OR NO POLE	2	\$ 110.66	\$ 101.20
LPS0040-ST-0050-001-B	1	SHARED OR NO POLE	1	\$ 119.37	\$ 111.42
LPS0040-ST-0220-001-B	1	WOOD POLE	1	\$ 171.50	\$ 170.77
LPS0040-ST-0310-001-B	1	STEEL POLE	1	\$ 199.03	\$ 205.24
LPS0050-ST-0060-001-B	1	SHARED OR NO POLE	1	\$ 122.26	\$ 114.64
LPS0050-ST-0230-001-B	1	WOOD POLE	1	\$ 174.39	\$ 173.99

ANNUALTARIFF_ID	Tariff Type	Dedicated Support Type	No. of Lights	SLUOS charge	
LPS0050-ST-0320-001-B	1	STEEL POLE	1	\$ 201.92	\$ 208.46
LPS0060-ST-0060-001-B	1	SHARED OR NO POLE	1	\$ 155.60	\$ 129.55
MHR0060-ST-0060-001-B	1	SHARED OR NO POLE	1	\$ 124.41	\$ 121.62
MHR0060-ST-0320-001-B	1	STEEL POLE	1	\$ 204.07	\$ 215.44
MHR0060-ST-0610-001-B	1	SHARED OR NO POLE	1	\$ 129.98	\$ 128.49
MHR0060-ST-1070-001-B	1	WOOD POLE	1	\$ 182.10	\$ 187.83
MHR0060-ST-1120-001-B	1	STEEL POLE	1	\$ 209.64	\$ 222.30
MHR0070-ST-0060-001-B	1	SHARED OR NO POLE	1	\$ 124.74	\$ 124.54
MHR0070-ST-0320-001-B	1	STEEL POLE	1	\$ 204.40	\$ 218.36
MHR0070-ST-0620-001-B	1	SHARED OR NO POLE	1	\$ 127.28	\$ 127.68
MHR0070-ST-1080-001-B	1	WOOD POLE	1	\$ 170.14	\$ 180.54
MHR0070-ST-1130-001-B	1	STEEL POLE	2	\$ 227.97	\$ 253.40
MHR0070-ST-1170-001-B	1	STEEL POLE	1	\$ 212.62	\$ 228.49
MVA0010-ST-0010-001-B	1	SHARED OR NO POLE	1	\$ 69.95	\$ 64.64
MVA0010-ST-0740-001-B	1	SHARED OR NO POLE	2	\$ 77.26	\$ 73.65
MVA0010-ST-0810-001-B	1	WOOD POLE	1	\$ 122.07	\$ 123.98
MVA0010-ST-0990-001-B	1	STEEL POLE	1	\$ 159.28	\$ 170.38
MVA0020-ST-0010-001-B	1	SHARED OR NO POLE	1	\$ 69.95	\$ 64.85
MVA0020-ST-0740-001-B	1	SHARED OR NO POLE	2	\$ 77.26	\$ 73.87
MVA0020-ST-0810-001-B	1	WOOD POLE	1	\$ 122.08	\$ 124.20
MVA0020-ST-0990-001-B	1	STEEL POLE	1	\$ 159.28	\$ 170.59
MVA0020-ST-1000-001-B	1	STEEL POLE	2	\$ 159.77	\$ 177.16
MVA0020-ST-1260-001-B	1	WOOD POLE	2	\$ 121.92	\$ 130.53
MVA0080-ST-0010-001-B	1	SHARED OR NO POLE	1	\$ 67.79	\$ 64.37
MVA0080-ST-0810-001-B	1	WOOD POLE	1	\$ 119.91	\$ 123.72
MVA0080-ST-0820-001-B	1	SHARED OR NO POLE	3	\$ 82.41	\$ 82.41
MVA0080-ST-0990-001-B	1	STEEL POLE	1	\$ 157.12	\$ 170.12
MVA0080-ST-1000-001-B	1	STEEL POLE	2	\$ 157.60	\$ 176.68
MVA0170-ST-0020-001-B	1	SHARED OR NO POLE	1	\$ 95.16	\$ 91.99
MVA0190-ST-0020-001-B	1	SHARED OR NO POLE	1	\$ 98.13	\$ 96.92
MVA0190-ST-0200-001-B	1	WOOD POLE	1	\$ 150.25	\$ 156.26
MVA0190-ST-0290-001-B	1	STEEL POLE	1	\$ 177.79	\$ 190.73
MVA0190-ST-0370-001-B	1	STEEL POLE	2	\$ 185.33	\$ 206.00

ANNUALTARIFF_ID	Tariff Type	Dedicated Support Type	No. of Lights	SLUOS charge	
MVA0190-ST-0940-001-B	1	SHARED OR NO POLE	2	\$ 112.49	\$ 114.63
MVA0220-ST-0030-001-B	1	SHARED OR NO POLE	1	\$ 110.04	\$ 112.82
MVA0220-ST-0210-001-B	1	WOOD POLE	1	\$ 162.17	\$ 172.17
MVA0220-ST-0300-001-B	1	STEEL POLE	1	\$ 189.71	\$ 208.64
MVA0220-ST-0380-001-B	1	STEEL POLE	2	\$ 197.40	\$ 222.10
MVA0220-ST-0950-001-B	1	SHARED OR NO POLE	2	\$ 124.56	\$ 130.73
MVA0250-ST-0300-001-B	1	STEEL POLE	1	\$ 178.03	\$ 191.86
FLU0010-ST-0010-002-B	2	SHARED OR NO POLE	1	\$ 43.60	\$ 43.96
FLU0010-ST-0990-002-B	2	STEEL POLE	1	\$ 57.25	\$ 56.34
FLU0040-ST-0010-002-B	2	SHARED OR NO POLE	1	\$ 48.27	\$ 45.63
FLU0050-ST-0010-002-B	2	SHARED OR NO POLE	1	\$ 43.70	\$ 43.99
FLU0050-ST-0990-002-B	2	STEEL POLE	1	\$ 57.34	\$ 56.38
FLU0060-ST-0010-002-B	2	SHARED OR NO POLE	1	\$ 46.00	\$ 49.18
FLU0060-ST-0740-002-B	2	SHARED OR NO POLE	2	\$ 46.00	\$ 49.18
FLU0060-ST-0810-002-B	2	WOOD POLE	1	\$ 60.94	\$ 62.65
FLU0060-ST-0830-002-B	2	SHARED OR NO POLE	4	\$ 46.00	\$ 49.18
FLU0060-ST-0990-002-B	2	STEEL POLE	1	\$ 59.65	\$ 61.56
FLU0060-ST-1000-002-B	2	STEEL POLE	2	\$ 52.82	\$ 59.11
FLU0070-ST-0010-002-B	2	SHARED OR NO POLE	1	\$ 48.64	\$ 54.48
FLU0080-ST-0010-002-B	2	SHARED OR NO POLE	1	\$ 51.33	\$ 59.80
FLU0080-ST-0990-002-B	2	STEEL POLE	1	\$ 64.98	\$ 72.19
FLU0100-ST-0010-002-B	2	SHARED OR NO POLE	1	\$ 43.56	\$ 43.94
FLU0100-ST-0990-002-B	2	STEEL POLE	1	\$ 57.20	\$ 56.33
FLU0100-ST-1000-002-B	2	STEEL POLE	2	\$ 50.38	\$ 53.88
FLU0130-ST-0010-002-B	2	SHARED OR NO POLE	1	\$ 42.21	\$ 42.54
FLU0130-ST-0740-002-B	2	SHARED OR NO POLE	2	\$ 42.21	\$ 42.54
FLU0130-ST-0810-002-B	2	WOOD POLE	1	\$ 57.15	\$ 56.02
FLU0130-ST-0990-002-B	2	STEEL POLE	1	\$ 55.86	\$ 54.92
FLU0130-ST-1000-002-B	2	STEEL POLE	2	\$ 49.04	\$ 52.47
FLU0140-ST-0010-002-B	2	SHARED OR NO POLE	1	\$ 43.52	\$ 46.44
FLU0140-ST-0740-002-B	2	SHARED OR NO POLE	2	\$ 43.52	\$ 46.44
FLU0140-ST-0830-002-B	2	SHARED OR NO POLE	4	\$ 43.52	\$ 46.44
FLU0140-ST-0990-002-B	2	STEEL POLE	1	\$ 57.17	\$ 58.83

ANNUALTARIFF_ID	Tariff Type	Dedicated Support Type	No. of Lights	SLUOS charge	
FLU0140-ST-1260-002-B	2	WOOD POLE	2	\$ 50.99	\$ 57.24
FLU0220-ST-0990-002-B	2	STEEL POLE	1	\$ 60.72	\$ 56.67
FLU0240-ST-0010-002-B	2	SHARED OR NO POLE	1	\$ 47.07	\$ 44.28
FLU0240-ST-0810-002-B	2	WOOD POLE	1	\$ 62.01	\$ 57.76
FLU0240-ST-0990-002-B	2	STEEL POLE	1	\$ 60.72	\$ 56.67
FLU0250-ST-0010-002-B	2	SHARED OR NO POLE	1	\$ 48.47	\$ 48.22
FLU0350-ST-1620-002-B	2	SHARED OR NO POLE	1	\$ 60.31	\$ 47.72
FLU0350-ST-1660-002-B	2	WOOD POLE	1	\$ 75.25	\$ 61.20
FLU0350-ST-1700-002-B	2	STEEL POLE	1	\$ 73.96	\$ 60.10
HPS0010-ST-0040-002-B	2	SHARED OR NO POLE	1	\$ 69.07	\$ 50.38
HPS0010-ST-0350-002-B	2	WOOD POLE	1	\$ 84.01	\$ 63.85
HPS0010-ST-0360-002-B	2	STEEL POLE	1	\$ 82.72	\$ 62.76
HPS0010-ST-0890-002-B	2	SHARED OR NO POLE	2	\$ 69.07	\$ 50.38
HPS0010-ST-0910-002-B	2	WOOD POLE	2	\$ 76.54	\$ 61.17
HPS0010-TA-0090-002-B	2	SHARED OR NO POLE	1	\$ 68.40	\$ 44.66
HPS0010-TA-0140-002-B	2	WOOD POLE	1	\$ 83.34	\$ 58.13
HPS0010-TA-0170-002-B	2	STEEL POLE	1	\$ 82.05	\$ 57.05
HPS0020-ST-0040-002-B	2	SHARED OR NO POLE	1	\$ 72.23	\$ 51.42
HPS0020-ST-0350-002-B	2	WOOD POLE	1	\$ 87.17	\$ 64.90
HPS0020-ST-0360-002-B	2	STEEL POLE	1	\$ 85.87	\$ 63.81
HPS0020-ST-0730-002-B	2	STEEL POLE	2	\$ 79.05	\$ 61.36
HPS0020-ST-0750-002-B	2	SHARED OR NO POLE	3	\$ 72.23	\$ 51.42
HPS0020-ST-0880-002-B	2	STEEL POLE	4	\$ 75.64	\$ 60.14
HPS0020-ST-0890-002-B	2	SHARED OR NO POLE	2	\$ 72.23	\$ 51.42
HPS0020-ST-0910-002-B	2	WOOD POLE	2	\$ 79.70	\$ 62.22
HPS0020-TA-0090-002-B	2	SHARED OR NO POLE	1	\$ 70.56	\$ 49.03
HPS0020-TA-0140-002-B	2	WOOD POLE	1	\$ 85.50	\$ 62.50
HPS0020-TA-0170-002-B	2	STEEL POLE	1	\$ 84.21	\$ 61.41
HPS0070-ST-0040-002-B	2	SHARED OR NO POLE	1	\$ 72.23	\$ 51.42
HPS0070-ST-0350-002-B	2	WOOD POLE	1	\$ 87.17	\$ 64.90
HPS0070-ST-0360-002-B	2	STEEL POLE	1	\$ 85.87	\$ 63.81
HPS0080-ST-0050-002-B	2	SHARED OR NO POLE	1	\$ 72.40	\$ 55.02
HPS0080-ST-0310-002-B	2	STEEL POLE	1	\$ 86.04	\$ 67.41

ANNUAL TARIFF_ID	Tariff Type	Dedicated Support Type	No. of Lights	SLUOS charge	
HPS0090-ST-0050-002-B	2	SHARED OR NO POLE	1	\$ 106.10	\$ 65.23
HPS0090-ST-0220-002-B	2	WOOD POLE	1	\$ 121.04	\$ 78.71
HPS0090-ST-0310-002-B	2	STEEL POLE	1	\$ 119.75	\$ 77.62
HPS0090-ST-0690-002-B	2	STEEL POLE	2	\$ 112.92	\$ 75.17
HPS0090-ST-0710-002-B	2	STEEL POLE	3	\$ 110.65	\$ 74.35
HPS0090-ST-0720-002-B	2	STEEL POLE	4	\$ 109.51	\$ 73.94
HPS0090-ST-0980-002-B	2	WOOD POLE	2	\$ 113.57	\$ 76.02
HPS0090-ST-1010-002-B	2	SHARED OR NO POLE	2	\$ 106.10	\$ 65.23
HPS0090-ST-1360-002-B	2	R/BOUT COLUMN	3	\$ 110.65	\$ 74.35
HPS0090-ST-1370-002-B	2	R/BOUT COLUMN	4	\$ 109.51	\$ 73.94
HPS0090-TA-0050-002-B	2	SHARED OR NO POLE	1	\$ 97.16	\$ 64.27
HPS0090-TA-0220-002-B	2	WOOD POLE	1	\$ 112.10	\$ 77.75
HPS0090-TA-0310-002-B	2	STEEL POLE	1	\$ 110.81	\$ 76.66
HPS0100-ST-0060-002-B	2	SHARED OR NO POLE	1	\$ 103.02	\$ 70.64
HPS0100-ST-0230-002-B	2	WOOD POLE	1	\$ 117.96	\$ 84.12
HPS0100-ST-0320-002-B	2	STEEL POLE	1	\$ 116.67	\$ 83.03
HPS0100-ST-0390-002-B	2	STEEL POLE	2	\$ 109.84	\$ 80.58
HPS0100-ST-0610-002-B	2	SHARED OR NO POLE	1	\$ 103.02	\$ 70.64
HPS0100-ST-1070-002-B	2	WOOD POLE	1	\$ 117.96	\$ 84.12
HPS0100-ST-1120-002-B	2	STEEL POLE	1	\$ 116.67	\$ 83.03
HPS0100-ST-1160-002-B	2	WOOD POLE	2	\$ 110.49	\$ 81.43
HPS0110-ST-0060-002-B	2	SHARED OR NO POLE	1	\$ 107.64	\$ 66.63
HPS0110-ST-0230-002-B	2	WOOD POLE	1	\$ 122.58	\$ 80.10
HPS0110-ST-0320-002-B	2	STEEL POLE	1	\$ 121.28	\$ 79.01
HPS0110-ST-0390-002-B	2	STEEL POLE	2	\$ 114.46	\$ 76.57
HPS0110-ST-0430-002-B	2	STEEL POLE	3	\$ 112.19	\$ 75.75
HPS0110-ST-0470-002-B	2	STEEL POLE	4	\$ 111.05	\$ 75.34
HPS0110-ST-0510-002-B	2	R/BOUT COLUMN	2	\$ 114.46	\$ 76.57
HPS0110-ST-0550-002-B	2	R/BOUT COLUMN	3	\$ 112.19	\$ 75.75
HPS0110-ST-0590-002-B	2	R/BOUT COLUMN	4	\$ 111.05	\$ 75.34
HPS0110-ST-0610-002-B	2	SHARED OR NO POLE	1	\$ 107.64	\$ 66.63
HPS0110-ST-0650-002-B	2	SHARED OR NO POLE	2	\$ 107.64	\$ 66.63
HPS0110-ST-0760-002-B	2	WOOD POLE	2	\$ 115.11	\$ 77.42

ANNUAL TARIFF_ID	Tariff Type	Dedicated Support Type	No. of Lights	SLUOS charge	
HPS0110-ST-0960-002-B	2	SHARED OR NO POLE	2	\$ 107.64	\$ 66.63
HPS0110-ST-0970-002-B	2	SHARED OR NO POLE	4	\$ 107.64	\$ 66.63
HPS0110-ST-1070-002-B	2	WOOD POLE	1	\$ 122.58	\$ 80.10
HPS0110-ST-1120-002-B	2	STEEL POLE	1	\$ 121.28	\$ 79.01
HPS0110-ST-1140-002-B	2	STEEL POLE	2	\$ 114.46	\$ 76.57
HPS0110-ST-1160-002-B	2	WOOD POLE	2	\$ 115.11	\$ 77.42
HPS0110-ST-1380-002-B	2	R/BOUT COLUMN	3	\$ 112.19	\$ 75.75
HPS0110-ST-1450-002-B	2	R/BOUT COLUMN	4	\$ 111.05	\$ 75.34
HPS0110-TA-0060-002-B	2	SHARED OR NO POLE	1	\$ 97.54	\$ 61.50
HPS0110-TA-0230-002-B	2	WOOD POLE	1	\$ 112.48	\$ 74.97
HPS0110-TA-0320-002-B	2	STEEL POLE	1	\$ 111.18	\$ 73.88
HPS0110-TA-0590-002-B	2	R/BOUT COLUMN	4	\$ 100.95	\$ 70.21
HPS0110-TA-1070-002-B	2	WOOD POLE	1	\$ 112.48	\$ 74.97
HPS0120-ST-0860-002-B	2	R/BOUT COLUMN	3	\$ 128.15	\$ 92.84
HPS0120-ST-1490-002-B	2	R/BOUT COLUMN	2	\$ 130.42	\$ 93.66
HPS0140-ST-0070-002-B	2	SHARED OR NO POLE	1	\$ 103.02	\$ 69.88
HPS0140-ST-0330-002-B	2	STEEL POLE	1	\$ 116.67	\$ 82.27
HPS0160-ST-0070-002-B	2	SHARED OR NO POLE	1	\$ 111.69	\$ 76.32
HPS0160-ST-0240-002-B	2	WOOD POLE	1	\$ 126.63	\$ 89.80
HPS0160-ST-0330-002-B	2	STEEL POLE	1	\$ 125.34	\$ 88.71
HPS0160-ST-0400-002-B	2	STEEL POLE	2	\$ 118.51	\$ 86.26
HPS0160-ST-0620-002-B	2	SHARED OR NO POLE	1	\$ 111.69	\$ 76.32
HPS0160-ST-1130-002-B	2	STEEL POLE	2	\$ 118.51	\$ 86.26
HPS0160-ST-1170-002-B	2	STEEL POLE	1	\$ 125.34	\$ 88.71
HPS0170-ST-0070-002-B	2	SHARED OR NO POLE	1	\$ 111.98	\$ 71.00
HPS0170-ST-0240-002-B	2	WOOD POLE	1	\$ 126.92	\$ 84.48
HPS0170-ST-0270-002-B	2	R/BOUT COLUMN	3	\$ 116.53	\$ 80.12
HPS0170-ST-0330-002-B	2	STEEL POLE	1	\$ 125.63	\$ 83.39
HPS0170-ST-0400-002-B	2	STEEL POLE	2	\$ 118.81	\$ 80.94
HPS0170-ST-0440-002-B	2	STEEL POLE	3	\$ 116.53	\$ 80.12
HPS0170-ST-0480-002-B	2	STEEL POLE	4	\$ 115.39	\$ 79.72
HPS0170-ST-0560-002-B	2	R/BOUT COLUMN	3	\$ 116.53	\$ 80.12
HPS0170-ST-0600-002-B	2	R/BOUT COLUMN	4	\$ 115.39	\$ 79.72

ANNUALTARIFF_ID	Tariff Type	Dedicated Support Type	No. of Lights	SLUOS charge	
HPS0170-ST-0620-002-B	2	SHARED OR NO POLE	1	\$ 111.98	\$ 71.00
HPS0170-ST-0660-002-B	2	SHARED OR NO POLE	2	\$ 111.98	\$ 71.00
HPS0170-ST-0770-002-B	2	WOOD POLE	2	\$ 119.45	\$ 81.80
HPS0170-ST-1030-002-B	2	SHARED OR NO POLE	2	\$ 111.98	\$ 71.00
HPS0170-ST-1080-002-B	2	WOOD POLE	1	\$ 111.98	\$ 71.00
HPS0170-ST-1130-002-B	2	STEEL POLE	2	\$ 118.81	\$ 80.94
HPS0170-ST-1170-002-B	2	STEEL POLE	1	\$ 125.63	\$ 83.39
HPS0170-TA-0600-002-B	2	R/BOUT COLUMN	4	\$ 109.69	\$ 78.92
HPS0180-ST-0870-002-B	2	R/BOUT COLUMN	4	\$ 135.21	\$ 101.00
HPS0190-ST-1470-002-B	2	R/BOUT COLUMN	1	\$ 161.15	\$ 124.49
HPS0250-ST-0120-002-B	2	SHARED OR NO POLE	1	\$ 95.74	\$ 155.19
HPS0250-ST-1050-002-B	2	R/BOUT COLUMN	4	\$ 99.15	\$ 163.90
INC0030-ST-0010-002-B	2	SHARED OR NO POLE	1	\$ 26.99	\$ 59.06
INC0030-ST-0810-002-B	2	WOOD POLE	1	\$ 41.93	\$ 72.54
INC0030-ST-0820-002-B	2	SHARED OR NO POLE	3	\$ 26.99	\$ 59.06
INC0030-ST-0990-002-B	2	STEEL POLE	1	\$ 40.63	\$ 71.45
INC0050-ST-0010-002-B	2	SHARED OR NO POLE	1	\$ 26.99	\$ 59.06
INC0050-ST-0810-002-B	2	WOOD POLE	1	\$ 41.93	\$ 72.54
INC0080-ST-0010-002-B	2	SHARED OR NO POLE	1	\$ 24.02	\$ 60.23
INC0090-ST-0010-002-B	2	SHARED OR NO POLE	1	\$ 24.02	\$ 60.23
INC0100-ST-0740-002-B	2	SHARED OR NO POLE	2	\$ 24.02	\$ 60.23
INC0110-ST-0010-002-B	2	SHARED OR NO POLE	1	\$ 24.02	\$ 60.23
INC0160-ST-0620-002-B	2	SHARED OR NO POLE	1	\$ 22.28	\$ 59.61
LPS0030-ST-0040-002-B	2	SHARED OR NO POLE	1	\$ 81.73	\$ 65.51
LPS0030-ST-0360-002-B	2	STEEL POLE	1	\$ 95.38	\$ 77.90
LPS0030-ST-0890-002-B	2	SHARED OR NO POLE	2	\$ 81.73	\$ 65.51
LPS0040-ST-0050-002-B	2	SHARED OR NO POLE	1	\$ 84.26	\$ 68.11
LPS0040-ST-0220-002-B	2	WOOD POLE	1	\$ 99.20	\$ 81.59
LPS0040-ST-0310-002-B	2	STEEL POLE	1	\$ 97.91	\$ 80.50
LPS0050-ST-0060-002-B	2	SHARED OR NO POLE	1	\$ 87.01	\$ 71.16
LPS0060-ST-0060-002-B	2	SHARED OR NO POLE	1	\$ 120.35	\$ 86.07
LPS0060-ST-0230-002-B	2	WOOD POLE	1	\$ 135.29	\$ 99.55
LPS0060-ST-0320-002-B	2	STEEL POLE	1	\$ 134.00	\$ 98.45

ANNUALTARIFF_ID	Tariff Type	Dedicated Support Type	No. of Lights	SLUOS charge	
LPS0060-ST-0390-002-B	2	STEEL POLE	2	\$ 127.17	\$ 96.00
LPS0060-ST-0590-002-B	2	R/BOUT COLUMN	4	\$ 123.76	\$ 94.78
LPS0060-ST-0960-002-B	2	SHARED OR NO POLE	2	\$ 120.35	\$ 86.07
LPS0090-ST-0070-002-B	2	SHARED OR NO POLE	1	\$ 120.35	\$ 86.07
MHR0010-ST-0040-002-B	2	SHARED OR NO POLE	1	\$ 67.10	\$ 67.29
MHR0010-ST-0360-002-B	2	STEEL POLE	1	\$ 80.75	\$ 79.67
MHR0010-ST-0730-002-B	2	STEEL POLE	2	\$ 73.92	\$ 77.22
MHR0030-ST-0050-002-B	2	SHARED OR NO POLE	1	\$ 84.61	\$ 76.50
MHR0030-ST-0310-002-B	2	STEEL POLE	1	\$ 98.25	\$ 88.89
MHR0030-ST-0690-002-B	2	STEEL POLE	2	\$ 91.43	\$ 86.44
MHR0030-ST-0710-002-B	2	STEEL POLE	3	\$ 89.16	\$ 85.62
MHR0060-ST-0060-002-B	2	SHARED OR NO POLE	1	\$ 89.16	\$ 78.13
MHR0060-ST-0320-002-B	2	STEEL POLE	1	\$ 102.80	\$ 90.52
MHR0060-ST-0390-002-B	2	STEEL POLE	2	\$ 95.98	\$ 88.07
MHR0060-ST-0590-002-B	2	R/BOUT COLUMN	4	\$ 92.57	\$ 86.85
MHR0060-ST-0610-002-B	2	SHARED OR NO POLE	1	\$ 89.16	\$ 78.13
MHR0060-ST-0650-002-B	2	SHARED OR NO POLE	2	\$ 89.16	\$ 78.13
MHR0060-ST-1070-002-B	2	WOOD POLE	1	\$ 104.10	\$ 91.61
MHR0060-ST-1120-002-B	2	STEEL POLE	1	\$ 102.80	\$ 90.52
MHR0060-ST-1160-002-B	2	WOOD POLE	2	\$ 96.63	\$ 88.93
MHR0070-ST-0060-002-B	2	SHARED OR NO POLE	1	\$ 89.49	\$ 81.06
MHR0070-ST-0320-002-B	2	STEEL POLE	1	\$ 103.14	\$ 93.45
MHR0070-ST-0390-002-B	2	STEEL POLE	2	\$ 96.32	\$ 91.00
MHR0070-ST-0470-002-B	2	STEEL POLE	4	\$ 92.90	\$ 89.78
MHR0070-ST-0620-002-B	2	SHARED OR NO POLE	1	\$ 89.49	\$ 81.06
MHR0070-ST-0660-002-B	2	SHARED OR NO POLE	2	\$ 89.49	\$ 81.06
MHR0070-ST-1080-002-B	2	WOOD POLE	1	\$ 89.49	\$ 81.06
MHR0070-ST-1170-002-B	2	STEEL POLE	1	\$ 103.14	\$ 93.45
MHR0100-ST-0120-002-B	2	SHARED OR NO POLE	1	\$ 95.53	\$ 154.38
MVA0010-ST-0010-002-B	2	SHARED OR NO POLE	1	\$ 51.02	\$ 41.29
MVA0010-ST-0810-002-B	2	WOOD POLE	1	\$ 65.96	\$ 54.77
MVA0010-ST-0990-002-B	2	STEEL POLE	1	\$ 64.67	\$ 53.68
MVA0010-ST-1000-002-B	2	STEEL POLE	2	\$ 57.84	\$ 51.23

ANNUALTARIFF_ID	Tariff Type	Dedicated Support Type	No. of Lights	SLUOS charge	
MVA0020-ST-0010-002-B	2	SHARED OR NO POLE	1	\$ 51.02	\$ 41.51
MVA0020-ST-0740-002-B	2	SHARED OR NO POLE	2	\$ 51.02	\$ 41.51
MVA0020-ST-0810-002-B	2	WOOD POLE	1	\$ 65.97	\$ 54.98
MVA0020-ST-0820-002-B	2	SHARED OR NO POLE	3	\$ 51.02	\$ 41.51
MVA0020-ST-0990-002-B	2	STEEL POLE	1	\$ 64.67	\$ 53.89
MVA0020-ST-1000-002-B	2	STEEL POLE	2	\$ 57.85	\$ 51.44
MVA0020-ST-1260-002-B	2	WOOD POLE	2	\$ 58.49	\$ 52.30
MVA0020-ST-1460-002-B	2	STEEL POLE	3	\$ 55.57	\$ 50.63
MVA0080-ST-0010-002-B	2	SHARED OR NO POLE	1	\$ 48.86	\$ 41.03
MVA0080-ST-0740-002-B	2	SHARED OR NO POLE	2	\$ 48.86	\$ 41.03
MVA0080-ST-0810-002-B	2	WOOD POLE	1	\$ 63.80	\$ 54.51
MVA0080-ST-0990-002-B	2	STEEL POLE	1	\$ 62.51	\$ 53.41
MVA0190-ST-0020-002-B	2	SHARED OR NO POLE	1	\$ 62.48	\$ 52.94
MVA0190-ST-0200-002-B	2	WOOD POLE	1	\$ 77.42	\$ 66.42
MVA0190-ST-0290-002-B	2	STEEL POLE	1	\$ 76.13	\$ 65.33
MVA0190-ST-0370-002-B	2	STEEL POLE	2	\$ 69.30	\$ 62.88
MVA0190-ST-0450-002-B	2	STEEL POLE	4	\$ 65.89	\$ 61.66
MVA0190-ST-0780-002-B	2	WOOD POLE	2	\$ 69.95	\$ 63.74
MVA0190-ST-0940-002-B	2	SHARED OR NO POLE	2	\$ 62.48	\$ 52.94
MVA0220-ST-0030-002-B	2	SHARED OR NO POLE	1	\$ 74.24	\$ 68.86
MVA0220-ST-0210-002-B	2	WOOD POLE	1	\$ 89.18	\$ 82.14
MVA0220-ST-0300-002-B	2	STEEL POLE	1	\$ 87.89	\$ 81.04
MVA0220-ST-0380-002-B	2	STEEL POLE	2	\$ 81.06	\$ 78.60
MVA0220-ST-0460-002-B	2	STEEL POLE	4	\$ 77.65	\$ 77.37
MVA0220-ST-0790-002-B	2	WOOD POLE	2	\$ 81.71	\$ 79.46
MVA0220-ST-0950-002-B	2	SHARED OR NO POLE	2	\$ 74.24	\$ 68.86
MVA0260-ST-0250-002-B	2	WOOD POLE	1	\$ 121.98	\$ 89.39
MVA0290-ST-1040-002-B	2	SHARED OR NO POLE	2	\$ 145.70	\$ 120.48
FLU0350-ST-1620-003-B	3	SHARED OR NO POLE	1	\$ 104.17	\$ 111.35
FLU0350-ST-1630-003-B	3	SHARED OR NO POLE	2	\$ 118.94	\$ 136.60
FLU0350-ST-1660-003-B	3	WOOD POLE	1	\$ 207.63	\$ 238.14
FLU0350-ST-1670-003-B	3	WOOD POLE	2	\$ 214.94	\$ 260.70
FLU0350-ST-1700-003-B	3	STEEL POLE	1	\$ 277.48	\$ 328.77

ANNUALTARIFF_ID	Tariff Type	Dedicated Support Type	No. of Lights	SLUOS charge	
FLU0350-ST-1710-003-B	3	STEEL POLE	2	\$ 285.43	\$ 351.57
FLU0355-ST-1980-003-B	3	SHARED OR NO POLE	1	\$ 108.56	\$ 112.77
FLU0355-ST-2060-003-B	3	STEEL POLE	1	\$ 281.87	\$ 330.19
HPS0010-TA-0090-003-B	3	SHARED OR NO POLE	1	\$ 119.40	\$ 111.19
HPS0010-TA-0140-003-B	3	WOOD POLE	1	\$ 222.87	\$ 237.97
HPS0010-TA-0170-003-B	3	STEEL POLE	1	\$ 292.71	\$ 328.61
HPS0020-ST-0040-003-B	3	SHARED OR NO POLE	1	\$ 120.48	\$ 114.52
HPS0020-ST-0350-003-B	3	WOOD POLE	1	\$ 223.94	\$ 241.31
HPS0020-ST-0360-003-B	3	STEEL POLE	1	\$ 293.79	\$ 331.94
HPS0020-ST-0730-003-B	3	STEEL POLE	2	\$ 306.14	\$ 354.20
HPS0020-ST-0890-003-B	3	SHARED OR NO POLE	2	\$ 139.65	\$ 139.23
HPS0020-TA-0090-003-B	3	SHARED OR NO POLE	1	\$ 121.57	\$ 115.63
HPS0020-TA-0140-003-B	3	WOOD POLE	1	\$ 225.03	\$ 242.42
HPS0020-TA-0170-003-B	3	STEEL POLE	1	\$ 294.88	\$ 333.06
HPS0090-ST-0050-003-B	3	SHARED OR NO POLE	1	\$ 184.80	\$ 166.59
HPS0090-ST-0220-003-B	3	WOOD POLE	1	\$ 288.26	\$ 293.38
HPS0090-ST-0310-003-B	3	STEEL POLE	1	\$ 339.67	\$ 360.84
HPS0090-ST-0690-003-B	3	STEEL POLE	2	\$ 364.03	\$ 398.15
HPS0090-TA-0220-003-B	3	WOOD POLE	1	\$ 279.32	\$ 292.54
HPS0090-TA-0310-003-B	3	STEEL POLE	1	\$ 330.73	\$ 360.00
HPS0110-ST-0060-003-B	3	SHARED OR NO POLE	1	\$ 186.67	\$ 168.42
HPS0110-ST-0230-003-B	3	WOOD POLE	1	\$ 290.13	\$ 295.21
HPS0110-ST-0320-003-B	3	STEEL POLE	1	\$ 341.54	\$ 362.67
HPS0110-ST-0390-003-B	3	STEEL POLE	2	\$ 366.23	\$ 400.39
HPS0110-ST-0590-003-B	3	R/BOUT COLUMN	4	\$ 547.70	\$ 635.37
HPS0110-ST-0610-003-B	3	SHARED OR NO POLE	1	\$ 199.61	\$ 184.65
HPS0110-ST-0760-003-B	3	WOOD POLE	2	\$ 314.17	\$ 332.70
HPS0110-ST-0960-003-B	3	SHARED OR NO POLE	2	\$ 218.18	\$ 208.60
HPS0110-ST-1070-003-B	3	WOOD POLE	1	\$ 303.07	\$ 311.44
HPS0110-ST-1120-003-B	3	STEEL POLE	1	\$ 354.48	\$ 378.89
HPS0110-TA-0060-003-B	3	SHARED OR NO POLE	1	\$ 176.57	\$ 163.33
HPS0110-TA-0230-003-B	3	WOOD POLE	1	\$ 280.03	\$ 290.12
HPS0110-TA-0320-003-B	3	STEEL POLE	1	\$ 331.44	\$ 357.57

ANNUALTARIFF_ID	Tariff Type	Dedicated Support Type	No. of Lights	SLUOS charge	
HPS0170-ST-0070-003-B	3	SHARED OR NO POLE	1	\$ 200.31	\$ 184.50
HPS0170-ST-0240-003-B	3	WOOD POLE	1	\$ 303.77	\$ 311.29
HPS0170-ST-0330-003-B	3	STEEL POLE	1	\$ 355.18	\$ 378.75
HPS0170-ST-0620-003-B	3	SHARED OR NO POLE	1	\$ 196.92	\$ 180.26
HPS0170-ST-1130-003-B	3	STEEL POLE	2	\$ 408.75	\$ 452.68
HPS0170-ST-1170-003-B	3	STEEL POLE	1	\$ 364.97	\$ 391.03
MHR0060-ST-0060-003-B	3	SHARED OR NO POLE	1	\$ 168.18	\$ 180.27
MHR0060-ST-0320-003-B	3	STEEL POLE	1	\$ 323.06	\$ 374.52
MHR0060-ST-0610-003-B	3	SHARED OR NO POLE	1	\$ 181.13	\$ 196.49
MHR0060-ST-1120-003-B	3	STEEL POLE	1	\$ 336.00	\$ 390.74
MHR0070-ST-0620-003-B	3	SHARED OR NO POLE	1	\$ 174.43	\$ 190.66
MVA0020-ST-0010-003-B	3	SHARED OR NO POLE	1	\$ 96.14	\$ 100.61
MVA0020-ST-0810-003-B	3	WOOD POLE	1	\$ 199.61	\$ 227.40
MVA0020-ST-0990-003-B	3	STEEL POLE	1	\$ 269.45	\$ 318.03
MVA0190-ST-0020-003-B	3	SHARED OR NO POLE	1	\$ 142.43	\$ 155.88
MVA0190-ST-0200-003-B	3	WOOD POLE	1	\$ 245.90	\$ 282.67
MVA0190-ST-0290-003-B	3	STEEL POLE	1	\$ 297.30	\$ 350.12
FLU0130-ST-0010-004-B	4	SHARED OR NO POLE	1	\$ 42.21	\$ 42.70
FLU0240-ST-0010-004-B	4	SHARED OR NO POLE	1	\$ 47.07	\$ 44.44
FLU0350-ST-1620-004-B	4	SHARED OR NO POLE	1	\$ 60.31	\$ 47.96
FLU0350-ST-1630-004-B	4	SHARED OR NO POLE	2	\$ 60.31	\$ 47.96
FLU0350-ST-1640-004-B	4	SHARED OR NO POLE	3	\$ 60.31	\$ 47.96
FLU0350-ST-1650-004-B	4	SHARED OR NO POLE	4	\$ 60.31	\$ 47.96
FLU0350-ST-1660-004-B	4	WOOD POLE	1	\$ 75.25	\$ 61.47
FLU0350-ST-1670-004-B	4	WOOD POLE	2	\$ 67.78	\$ 58.79
FLU0350-ST-1700-004-B	4	STEEL POLE	1	\$ 73.96	\$ 60.38
FLU0350-ST-1710-004-B	4	STEEL POLE	2	\$ 67.14	\$ 57.93
FLU0350-ST-1720-004-B	4	STEEL POLE	3	\$ 64.86	\$ 57.11
FLU0350-ST-1730-004-B	4	STEEL POLE	4	\$ 63.73	\$ 56.71
FLU0355-ST-1980-004-B	4	SHARED OR NO POLE	1	\$ 64.74	\$ 49.46
FLU0355-ST-2060-004-B	4	STEEL POLE	1	\$ 78.39	\$ 61.87
HPS0010-TA-0090-004-B	4	SHARED OR NO POLE	1	\$ 68.40	\$ 44.89
HPS0010-TA-0140-004-B	4	WOOD POLE	1	\$ 83.34	\$ 58.39

ANNUAL TARIFF_ID	Tariff Type	Dedicated Support Type	No. of Lights	SLUOS charge	
HPS0010-TA-0170-004-B	4	STEEL POLE	1	\$ 82.05	\$ 57.31
HPS0020-ST-0040-004-B	4	SHARED OR NO POLE	1	\$ 72.23	\$ 51.67
HPS0020-ST-0350-004-B	4	WOOD POLE	1	\$ 87.17	\$ 65.18
HPS0020-ST-0360-004-B	4	STEEL POLE	1	\$ 85.87	\$ 64.08
HPS0020-ST-0730-004-B	4	STEEL POLE	2	\$ 79.05	\$ 61.64
HPS0020-ST-0880-004-B	4	STEEL POLE	4	\$ 75.64	\$ 60.41
HPS0020-ST-0890-004-B	4	SHARED OR NO POLE	2	\$ 72.23	\$ 51.67
HPS0020-ST-0910-004-B	4	WOOD POLE	2	\$ 79.70	\$ 62.50
HPS0020-TA-0090-004-B	4	SHARED OR NO POLE	1	\$ 70.56	\$ 49.33
HPS0020-TA-0140-004-B	4	WOOD POLE	1	\$ 85.50	\$ 62.85
HPS0020-TA-0170-004-B	4	STEEL POLE	1	\$ 84.21	\$ 61.75
HPS0090-ST-0050-004-B	4	SHARED OR NO POLE	1	\$ 106.10	\$ 65.52
HPS0090-ST-0220-004-B	4	WOOD POLE	1	\$ 121.04	\$ 79.02
HPS0090-ST-0310-004-B	4	STEEL POLE	1	\$ 119.75	\$ 77.93
HPS0090-ST-0690-004-B	4	STEEL POLE	2	\$ 112.92	\$ 75.48
HPS0090-ST-0710-004-B	4	STEEL POLE	3	\$ 110.65	\$ 74.66
HPS0090-ST-0720-004-B	4	STEEL POLE	4	\$ 109.51	\$ 74.25
HPS0090-ST-0980-004-B	4	WOOD POLE	2	\$ 113.57	\$ 76.34
HPS0090-ST-1010-004-B	4	SHARED OR NO POLE	2	\$ 106.10	\$ 65.52
HPS0090-ST-1360-004-B	4	R/BOUT COLUMN	3	\$ 110.65	\$ 74.66
HPS0090-TA-0050-004-B	4	SHARED OR NO POLE	1	\$ 97.16	\$ 64.68
HPS0090-TA-0310-004-B	4	STEEL POLE	1	\$ 110.81	\$ 77.09
HPS0110-ST-0080-004-B	4	SHARED OR NO POLE	1	\$ 107.64	\$ 66.94
HPS0110-ST-0230-004-B	4	WOOD POLE	1	\$ 122.58	\$ 80.44
HPS0110-ST-0320-004-B	4	STEEL POLE	1	\$ 121.28	\$ 79.35
HPS0110-ST-0390-004-B	4	STEEL POLE	2	\$ 114.46	\$ 76.90
HPS0110-ST-0430-004-B	4	STEEL POLE	3	\$ 112.19	\$ 76.09
HPS0110-ST-0470-004-B	4	STEEL POLE	4	\$ 111.05	\$ 75.68
HPS0110-ST-0550-004-B	4	R/BOUT COLUMN	3	\$ 112.19	\$ 76.09
HPS0110-ST-0590-004-B	4	R/BOUT COLUMN	4	\$ 111.05	\$ 75.68
HPS0110-ST-0610-004-B	4	SHARED OR NO POLE	1	\$ 107.64	\$ 66.94
HPS0110-ST-0650-004-B	4	SHARED OR NO POLE	2	\$ 107.64	\$ 66.94
HPS0110-ST-0760-004-B	4	WOOD POLE	2	\$ 115.11	\$ 77.76

ANNUAL TARIFF_ID	Tariff Type	Dedicated Support Type	No. of Lights	SLUOS charge	
HPS0110-ST-0960-004-B	4	SHARED OR NO POLE	2	\$ 107.64	\$ 66.94
HPS0110-ST-0970-004-B	4	SHARED OR NO POLE	4	\$ 107.64	\$ 66.94
HPS0110-ST-1070-004-B	4	WOOD POLE	1	\$ 122.58	\$ 80.44
HPS0110-ST-1120-004-B	4	STEEL POLE	1	\$ 121.28	\$ 79.35
HPS0110-ST-1160-004-B	4	WOOD POLE	2	\$ 115.11	\$ 77.76
HPS0110-ST-1380-004-B	4	R/BOUT COLUMN	3	\$ 112.19	\$ 76.09
HPS0110-ST-1450-004-B	4	R/BOUT COLUMN	4	\$ 111.05	\$ 75.88
HPS0110-TA-0060-004-B	4	SHARED OR NO POLE	1	\$ 97.54	\$ 61.85
HPS0110-TA-0230-004-B	4	WOOD POLE	1	\$ 112.48	\$ 75.35
HPS0110-TA-0320-004-B	4	STEEL POLE	1	\$ 111.18	\$ 74.26
HPS0110-TA-0590-004-B	4	R/BOUT COLUMN	4	\$ 100.95	\$ 70.58
HPS0120-ST-0860-004-B	4	R/BOUT COLUMN	3	\$ 128.15	\$ 93.42
HPS0170-ST-0070-004-B	4	SHARED OR NO POLE	1	\$ 111.98	\$ 71.37
HPS0170-ST-0240-004-B	4	WOOD POLE	1	\$ 126.92	\$ 84.88
HPS0170-ST-0270-004-B	4	R/BOUT COLUMN	3	\$ 116.53	\$ 80.52
HPS0170-ST-0330-004-B	4	STEEL POLE	1	\$ 125.63	\$ 83.79
HPS0170-ST-0400-004-B	4	STEEL POLE	2	\$ 118.81	\$ 81.34
HPS0170-ST-0440-004-B	4	STEEL POLE	3	\$ 116.53	\$ 80.52
HPS0170-ST-0480-004-B	4	STEEL POLE	4	\$ 115.39	\$ 80.11
HPS0170-ST-0560-004-B	4	R/BOUT COLUMN	3	\$ 116.53	\$ 80.52
HPS0170-ST-0600-004-B	4	R/BOUT COLUMN	4	\$ 115.39	\$ 80.11
HPS0170-ST-0620-004-B	4	SHARED OR NO POLE	1	\$ 111.98	\$ 71.37
HPS0170-ST-0660-004-B	4	SHARED OR NO POLE	2	\$ 111.98	\$ 71.37
HPS0170-ST-0900-004-B	4	WOOD POLE	2	\$ 119.45	\$ 82.19
HPS0170-ST-1030-004-B	4	SHARED OR NO POLE	2	\$ 111.98	\$ 71.37
HPS0170-ST-1130-004-B	4	STEEL POLE	2	\$ 118.81	\$ 81.34
HPS0170-ST-1170-004-B	4	STEEL POLE	1	\$ 125.63	\$ 83.79
HPS0190-ST-1470-004-B	4	R/BOUT COLUMN	1	\$ 161.15	\$ 125.49
HPS0250-ST-1050-004-B	4	R/BOUT COLUMN	4	\$ 99.15	\$ 166.19
MHR0010-ST-0040-004-B	4	SHARED OR NO POLE	1	\$ 67.10	\$ 67.92
MHR0010-ST-0360-004-B	4	STEEL POLE	1	\$ 80.75	\$ 80.33
MHR0060-ST-0060-004-B	4	SHARED OR NO POLE	1	\$ 89.16	\$ 78.78
MHR0060-ST-0320-004-B	4	STEEL POLE	1	\$ 102.80	\$ 91.20

ANNUALTARIFF_ID	Tariff Type	Dedicated Support Type	No. of Lights	SLUOS charge	
MHR0060-ST-0390-004-B	4	STEEL POLE	2	\$ 95.98	\$ 88.75
MHR0060-ST-0610-004-B	4	SHARED OR NO POLE	1	\$ 89.16	\$ 78.78
MHR0070-ST-0060-004-B	4	SHARED OR NO POLE	1	\$ 89.49	\$ 81.77
MHR0070-ST-0320-004-B	4	STEEL POLE	1	\$ 103.14	\$ 94.19
MHR0070-ST-0620-004-B	4	SHARED OR NO POLE	1	\$ 89.49	\$ 81.77
MHR0070-ST-1170-004-B	4	STEEL POLE	1	\$ 103.14	\$ 94.19
MHR0100-ST-0120-004-B	4	SHARED OR NO POLE	1	\$ 95.53	\$ 156.63
MVA0010-ST-0010-004-B	4	SHARED OR NO POLE	1	\$ 51.02	\$ 41.47
MVA0010-ST-0990-004-B	4	STEEL POLE	1	\$ 64.67	\$ 53.89
MVA0020-ST-0010-004-B	4	SHARED OR NO POLE	1	\$ 51.02	\$ 41.69
MVA0020-ST-0740-004-B	4	SHARED OR NO POLE	2	\$ 51.02	\$ 41.69
MVA0020-ST-0810-004-B	4	WOOD POLE	1	\$ 65.97	\$ 55.19
MVA0020-ST-0990-004-B	4	STEEL POLE	1	\$ 64.67	\$ 54.11
MVA0020-ST-1000-004-B	4	STEEL POLE	2	\$ 57.85	\$ 51.66
MVA0190-ST-0020-004-B	4	SHARED OR NO POLE	1	\$ 62.48	\$ 53.23
MVA0190-ST-0200-004-B	4	WOOD POLE	1	\$ 77.42	\$ 66.74
MVA0190-ST-0290-004-B	4	STEEL POLE	1	\$ 76.13	\$ 65.64
MVA0190-ST-0570-004-B	4	R/BOUT COLUMN	4	\$ 65.89	\$ 61.97
MVA0220-ST-0030-004-B	4	SHARED OR NO POLE	1	\$ 74.24	\$ 69.19
MVA0220-ST-0210-004-B	4	WOOD POLE	1	\$ 89.18	\$ 82.71
FLU0350-ST-1620-005-B	5	SHARED OR NO POLE	1	\$ 154.13	\$ 135.03
HPS0010-ST-0040-005-B	5	SHARED OR NO POLE	1	\$ 161.31	\$ 142.63
HPS0010-ST-0360-005-B	5	STEEL POLE	1	\$ 334.69	\$ 277.36
HPS0020-ST-0040-005-B	5	SHARED OR NO POLE	1	\$ 164.46	\$ 145.84
HPS0020-ST-0350-005-B	5	WOOD POLE	1	\$ 293.63	\$ 247.45
HPS0020-ST-0360-005-B	5	STEEL POLE	1	\$ 337.85	\$ 280.57
HPS0020-ST-0730-005-B	5	STEEL POLE	2	\$ 365.81	\$ 301.54
HPS0020-ST-0750-005-B	5	SHARED OR NO POLE	3	\$ 234.04	\$ 201.66
HPS0020-ST-0890-005-B	5	SHARED OR NO POLE	2	\$ 199.25	\$ 173.75
HPS0020-ST-0910-005-B	5	WOOD POLE	2	\$ 320.95	\$ 267.76
HPS0070-ST-0040-005-B	5	SHARED OR NO POLE	1	\$ 164.46	\$ 145.84
HPS0090-ST-0050-005-B	5	SHARED OR NO POLE	1	\$ 228.01	\$ 203.32
HPS0090-ST-0220-005-B	5	WOOD POLE	1	\$ 357.18	\$ 304.93

ANNUAL TARIFF ID	Tariff Type	Dedicated Support Type	No. of Lights	SLUOS charge	
HPS0090-ST-0310-005-B	5	STEEL POLE	1	\$ 380.29	\$ 322.07
HPS0090-ST-0690-005-B	5	STEEL POLE	2	\$ 416.82	\$ 350.12
HPS0090-ST-0710-005-B	5	STEEL POLE	3	\$ 457.91	\$ 382.79
HPS0090-ST-0980-005-B	5	WOOD POLE	2	\$ 393.07	\$ 332.31
HPS0090-ST-1010-005-B	5	SHARED OR NO POLE	2	\$ 271.37	\$ 238.30
HPS0090-ST-1360-005-B	5	R/BOUT COLUMN	3	\$ 581.50	\$ 476.29
HPS0090-TA-0050-005-B	5	SHARED OR NO POLE	1	\$ 219.07	\$ 194.23
HPS0090-TA-0220-005-B	5	WOOD POLE	1	\$ 348.24	\$ 295.84
HPS0090-TA-0310-005-B	5	STEEL POLE	1	\$ 371.35	\$ 312.99
HPS0090-TA-0690-005-B	5	STEEL POLE	2	\$ 407.88	\$ 341.03
HPS0090-TA-1010-005-B	5	SHARED OR NO POLE	2	\$ 262.43	\$ 229.21
HPS0090-TA-1370-005-B	5	R/BOUT COLUMN	4	\$ 614.79	\$ 501.03
HPS0100-ST-0230-005-B	5	WOOD POLE	1	\$ 354.25	\$ 301.92
HPS0100-ST-0430-005-B	5	STEEL POLE	3	\$ 455.28	\$ 380.02
HPS0110-ST-0060-005-B	5	SHARED OR NO POLE	1	\$ 229.70	\$ 205.01
HPS0110-ST-0230-005-B	5	WOOD POLE	1	\$ 358.87	\$ 306.62
HPS0110-ST-0320-005-B	5	STEEL POLE	1	\$ 381.98	\$ 323.76
HPS0110-ST-0390-005-B	5	STEEL POLE	2	\$ 418.66	\$ 351.93
HPS0110-ST-0470-005-B	5	STEEL POLE	4	\$ 502.27	\$ 418.67
HPS0110-ST-0550-005-B	5	R/BOUT COLUMN	3	\$ 583.49	\$ 478.23
HPS0110-ST-0590-005-B	5	R/BOUT COLUMN	4	\$ 625.87	\$ 512.17
HPS0110-ST-0760-005-B	5	WOOD POLE	2	\$ 394.91	\$ 334.12
HPS0110-ST-0930-005-B	5	WOOD POLE	3	\$ 435.93	\$ 366.70
HPS0110-ST-0960-005-B	5	SHARED OR NO POLE	2	\$ 273.21	\$ 240.11
HPS0110-TA-0060-005-B	5	SHARED OR NO POLE	1	\$ 219.60	\$ 194.74
HPS0110-TA-0230-005-B	5	WOOD POLE	1	\$ 348.77	\$ 296.35
HPS0110-TA-0320-005-B	5	STEEL POLE	1	\$ 371.88	\$ 313.49
HPS0110-TA-0390-005-B	5	STEEL POLE	2	\$ 408.56	\$ 341.66
HPS0110-TA-0590-005-B	5	R/BOUT COLUMN	4	\$ 615.77	\$ 501.90
HPS0110-TA-0960-005-B	5	SHARED OR NO POLE	2	\$ 263.11	\$ 229.84
HPS0140-ST-0070-005-B	5	SHARED OR NO POLE	1	\$ 235.34	\$ 208.77
HPS0140-ST-0330-005-B	5	STEEL POLE	1	\$ 387.61	\$ 327.52
HPS0140-ST-0400-005-B	5	STEEL POLE	2	\$ 434.55	\$ 364.15

ANNUALTARIFF_ID	Tariff Type	Dedicated Support Type	No. of Lights	SLUOS charge	
HPS0140-ST-1030-005-B	5	SHARED OR NO POLE	2	\$ 289.10	\$ 252.33
HPS0160-ST-0070-005-B	5	SHARED OR NO POLE	1	\$ 244.01	\$ 217.59
HPS0160-ST-0240-005-B	5	WOOD POLE	1	\$ 373.17	\$ 319.19
HPS0160-ST-0330-005-B	5	STEEL POLE	1	\$ 396.28	\$ 336.34
HPS0160-ST-0770-005-B	5	WOOD POLE	2	\$ 419.46	\$ 355.16
HPS0170-ST-0070-005-B	5	SHARED OR NO POLE	1	\$ 244.30	\$ 217.88
HPS0170-ST-0240-005-B	5	WOOD POLE	1	\$ 373.46	\$ 319.49
HPS0170-ST-0330-005-B	5	STEEL POLE	1	\$ 396.57	\$ 336.64
HPS0170-ST-0400-005-B	5	STEEL POLE	2	\$ 443.51	\$ 373.26
HPS0170-ST-0600-005-B	5	R/BOUT COLUMN	4	\$ 671.22	\$ 550.42
HPS0170-ST-0770-005-B	5	WOOD POLE	2	\$ 419.76	\$ 355.46
HPS0170-ST-1030-005-B	5	SHARED OR NO POLE	2	\$ 298.06	\$ 261.45
HPS0170-TA-0070-005-B	5	SHARED OR NO POLE	1	\$ 238.60	\$ 212.08
HPS0170-TA-0240-005-B	5	WOOD POLE	1	\$ 367.76	\$ 313.69
HPS0170-TA-0330-005-B	5	STEEL POLE	1	\$ 390.87	\$ 330.84
HPS0170-TA-0400-005-B	5	STEEL POLE	2	\$ 437.81	\$ 367.46
HPS0170-TA-0600-005-B	5	R/BOUT COLUMN	4	\$ 665.52	\$ 544.62
LPS0030-ST-0040-005-B	5	SHARED OR NO POLE	1	\$ 173.97	\$ 155.50
LPS0030-ST-0350-005-B	5	WOOD POLE	1	\$ 303.13	\$ 257.11
LPS0030-ST-0360-005-B	5	STEEL POLE	1	\$ 347.35	\$ 290.23
LPS0030-ST-0890-005-B	5	SHARED OR NO POLE	2	\$ 208.76	\$ 183.41
LPS0040-ST-0050-005-B	5	SHARED OR NO POLE	1	\$ 206.18	\$ 181.12
LPS0040-ST-0220-005-B	5	WOOD POLE	1	\$ 335.34	\$ 282.73
LPS0040-ST-0310-005-B	5	STEEL POLE	1	\$ 358.45	\$ 299.87
LPS0050-ST-0060-005-B	5	SHARED OR NO POLE	1	\$ 209.08	\$ 184.04
LPS0050-ST-0230-005-B	5	WOOD POLE	1	\$ 338.24	\$ 285.64
LPS0050-ST-0320-005-B	5	STEEL POLE	1	\$ 381.35	\$ 302.79
LPS0060-ST-0060-005-B	5	SHARED OR NO POLE	1	\$ 242.42	\$ 217.94
MHR0060-ST-0060-005-B	5	SHARED OR NO POLE	1	\$ 211.22	\$ 186.22
MHR0060-ST-0320-005-B	5	STEEL POLE	1	\$ 363.50	\$ 304.97
MHR0070-ST-0060-005-B	5	SHARED OR NO POLE	1	\$ 211.56	\$ 186.56
MHR0070-ST-0320-005-B	5	STEEL POLE	1	\$ 363.83	\$ 305.31
FLU0350-ST-1620-005-B	5	SHARED OR NO POLE	1	\$ 154.13	\$ 135.03

ANNUAL TARIFF_ID	Tariff Type	Dedicated Support Type	No. of Lights		SLUOS charge
HPS0020-ST-0040-005-B	5	SHARED OR NO POLE	1	\$ 164.46	\$ 145.84
HPS0020-ST-0350-005-B	5	WOOD POLE	1	\$ 293.63	\$ 247.45
HPS0020-ST-0360-005-B	5	STEEL POLE	1	\$ 337.85	\$ 280.57
HPS0020-ST-0730-005-B	5	STEEL POLE	2	\$ 365.81	\$ 301.54
HPS0020-ST-0890-005-B	5	SHARED OR NO POLE	2	\$ 199.25	\$ 173.75
HPS0090-ST-0050-005-B	5	SHARED OR NO POLE	1	\$ 228.01	\$ 203.32
HPS0090-ST-0220-005-B	5	WOOD POLE	1	\$ 357.18	\$ 304.93
HPS0090-ST-0310-005-B	5	STEEL POLE	1	\$ 380.29	\$ 322.07
HPS0090-ST-0690-005-B	5	STEEL POLE	2	\$ 416.82	\$ 350.12
HPS0090-TA-0220-005-B	5	WOOD POLE	1	\$ 348.24	\$ 295.84
HPS0090-TA-0310-005-B	5	STEEL POLE	1	\$ 371.35	\$ 312.99
HPS0110-ST-0060-005-B	5	SHARED OR NO POLE	1	\$ 229.70	\$ 205.01
HPS0110-ST-0230-005-B	5	WOOD POLE	1	\$ 358.87	\$ 306.62
HPS0110-ST-0320-005-B	5	STEEL POLE	1	\$ 381.98	\$ 323.76
HPS0110-ST-0390-005-B	5	STEEL POLE	2	\$ 418.66	\$ 351.93
HPS0110-ST-0590-005-B	5	R/BOU T COLUMN	4	\$ 625.87	\$ 512.17
HPS0110-ST-0760-005-B	5	WOOD POLE	2	\$ 394.91	\$ 334.12
HPS0110-ST-0960-005-B	5	SHARED OR NO POLE	2	\$ 273.21	\$ 240.11
HPS0110-TA-0060-005-B	5	SHARED OR NO POLE	1	\$ 219.60	\$ 194.74
HPS0110-TA-0230-005-B	5	WOOD POLE	1	\$ 348.77	\$ 296.35
HPS0110-TA-0320-005-B	5	STEEL POLE	1	\$ 371.88	\$ 313.49
HPS0170-ST-0070-005-B	5	SHARED OR NO POLE	1	\$ 244.30	\$ 217.88
HPS0170-ST-0240-005-B	5	WOOD POLE	1	\$ 373.46	\$ 319.49
HPS0170-ST-0330-005-B	5	STEEL POLE	1	\$ 396.57	\$ 336.64
MHR0060-ST-0060-005-B	5	SHARED OR NO POLE	1	\$ 211.22	\$ 186.22
MHR0060-ST-0320-005-B	5	STEEL POLE	1	\$ 363.50	\$ 304.97
MVA0190-ST-0290-005-B	5	STEEL POLE	1	\$ 342.68	\$ 282.69

Contact Officer: Lynley Jorgensen
Contact Phone: (03) 9290 1437
Our Ref: 53444

20 May 2015

Mr Peter McIntyre
Chief Executive Officer
TransGrid
180 Thomas Street
SYDNEY NSW 2000

Dear Mr McIntyre

Correcting errors in TransGrid Transmission determination 2015–16 to 2017–18

Through discussions with TransGrid in early May 2015, we have identified an error in the TransGrid transmission determination 2015-16 to 2017-18 (the transmission determination). The forecast asset disposal numbers (which we accepted) have been incorrectly allocated in the revenue modelling. They should be allocated to the 'Minor plant, motor vehicles & mobile plant (2014-18)' asset class, rather than the 'Business IT (2014-18)' asset class.

The revenue difference that would result from correcting this error is set out at table 1 – attached to this letter.

We have sought legal advice about how to correct this error. As a result, we have decided not to revoke and substitute the transmission determination at this time.

We still intend to correct the error mentioned above as soon as practicable, in accordance with clause 6A.15 of the National Electricity Rules. We anticipate this would occur no earlier than the latter of:

- A. the commencement of the next regulatory control period (1 July 2015); and
- B. once any appeal in relation to the transmission determination is resolved.

As a result of our decision, the period for making an application for review of our decision does not change.

If you have any queries on this matter please contact Lynley Jorgensen on (03) 9290 1437.

Yours sincerely

Paula Conboy
AER Chair

Table 1: Revenue difference from correcting error

	2014–15	2015–16	2016–17	2017–18	Total
Return on capital	415.7	421.2	435.4	443.94.0	1716.23
Regulatory depreciation ^(a)	98.3	113.63	128.47.7	113.04.8	453.34.0
Operating expenditure	174.2	177.1	186.2	183.5	720.9
Efficiency benefit sharing scheme (carryover amounts)	21.6	13.9	16.1	12.7	64.2
Net tax allowance	17.1	18.8	32.6	33.0	101.5
Annual building block revenue requirement (unsmoothed)	726.9	744.62	798.77.9	786.04.9	3056.24.0
Annual expected MAR (smoothed)	845.4	735.44.7	730.329.6	725.34.6	3036.44.3
X factor (%)	n/a ^b	15.0314% ^c	3.00% ^c	3.00% ^c	n/a

Source: AER analysis.

(a) Regulatory depreciation is straight-line depreciation net of the inflation indexation on the opening RAB.

(b) TransGrid is not required to apply an X factor for 2014–15 because we set the 2014–15 MAR in this decision consistent with the placeholder MAR approved in the transitional determination. We have set the 2014–15 MAR equal to TransGrid's placeholder MAR (\$845.4 million) for 2014–15. The MAR for 2014–15 is around 11.6 per cent lower than the approved MAR (\$934.2 million) in the final year of the 2009–14 regulatory control period (2013–14) in real terms, or 9.5 per cent lower in nominal terms.

(c) Applying the X factor for 2015–16 and the actual CPI of 1.72 per cent in accordance with the annual revenue adjustment formula set out in the transmission determination, the MAR for 2015–16 is \$730.629.9 million.

(d) The X factor will be revised to reflect the annual return on debt update.

