



Annual price-setting compliance statement

For the third assessment period (1 April 2022 - 31 March 2023)

Pursuant to requirement 11 of the Electricity Distribution Service Default Price-Quality Path Determination 2020 (dated 27 November 2019)

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1. INTRODUCTION

EA Networks is subject to regulation under Part 4 of the Commerce Act 1986. Pursuant to section 4 of the Act, the Commerce Commission set the default price path Determination for non-exempt electricity distribution companies like EA Networks.

The default price path Determination was published on 27 November 2019 and applies from 1 April 2020 to 31 March 2025. Under clause 11 of the Determination EA Networks is required by 1 April 2022 to publish an “annual price-setting compliance statement”, which has two key requirements:

Information on:

- 1) How we calculated forecast revenue, in particular:
 - The calculation of forecast revenue from prices together with supporting information for all components of the calculation.
 - The calculation of its forecast allowable revenue together with supporting information for all components of the calculation.

- 2) Compliance with the price path requirements, in particular:
 - If we have not complied with the price path, the reasons for the non-compliance.
 - If we have not complied with the price path, any actions we will be taking to mitigate any non-compliance and to prevent similar non-compliance in the future.
 - A statement whether EA Networks has complied with the requirements of the price path.

2. DATE OF COMPLETION

This updated statement was completed on 30 March 2022 and approved for release by EA Networks Directors.

We welcome enquiries concerning this compliance document, which should be sent to enquiries@eanetworks.co.nz. If you have suggestions regarding how we can improve this document, please contact us.

3 DIRECTORS CERTIFICATE

We, Paul Jason Munro and Philip John McKendry, being directors of Electricity Ashburton Limited trading as EA Networks certify that, having made all reasonable enquiry, to the best of our knowledge and belief, the attached annual price-setting compliance statement of EA Networks, and related information, prepared for the purpose of the Electricity Distribution Services Default Price-Quality Path Determination 2020 has been prepared in accordance with all the relevant requirements, and all forecasts used in the calculations for forecast revenue from prices and forecast allowable revenue are reasonable.



Paul Jason Munro

30 March 2022



Philip John McKendry

4 COMPLIANCE ASSESSMENT

4.1 Summary

The price-path compliance requirement in clause 8.4 of the Determination states:

“comply with the price path for an assessment period of the DPP regulatory period, a non-exempt EDB’s forecast revenue from prices for that assessment period of the DPP regulatory period must not exceed the lesser of:

(a) the forecast allowable revenue for that assessment period; and

(b) the amount determined in accordance with the following formula: the forecast revenue from prices for the previous assessment period x (1 + limit on annual percentage increase in forecast revenue from prices).”

EA Networks complies with the price path for the assessment period 1 April 2022 to 31 March 2023, as demonstrated below:

Demonstration that forecast allowable revenue is greater than forecast revenue from price	
	\$000
Forecast allowable revenue	41,749
Forecast revenue from prices	41,739
Compliance test: Comply with the test because forecast revenue from prices ≤ forecast allowable revenue.	

Maximum allowable forecast revenue from prices	
	\$000
Forecast revenue from prices from previous assessment period	41,268
Limit on annual percentage increase in forecast revenue from prices	10%
Maximum allowable forecast revenue from prices	45,395
Forecast revenue from prices for the current assessment period	41,739
Compliance test: Comply with the test as the forecast revenue from prices for the current period is ≤ the maximum allowable forecast revenue from prices.	

The remainder of this document contains more details about the costs and assumptions that underpin these forecasts. Section 5, details how *forecast allowable revenue* was calculated. Section 6 and Appendix B provide information about *forecast revenue from prices*.

4.2 Compliance with the determination

EA Networks is compliant with the Determination.

5 Calculating forecast allowable revenue

The 2022/23 assessment period is the third annual assessment period under the Determination. EA Networks forecast allowable revenue for each annual assessment period is determined in accordance with the following:

$$\begin{aligned} \text{Forecast allowable revenue} = & \text{Forecast net allowable revenue} \\ & + \text{Forecast pass-through and recoverable costs} \\ & + \text{Opening wash-up account balance} \\ & + \text{Pass-through balance allowance} \end{aligned}$$

The calculation of EA Networks forecast allowable revenue for the 2022/23 assessment period is provided in table below.

Calculating EA Networks forecast allowable revenue.

EA Networks forecast allowable revenue 2022/23 = Forecast net allowable revenue + Forecast pass-through and recoverable costs + opening wash-up account balance + pass-through balance allowance.

Calculation Components	Amount (\$000)
Forecast net allowable revenue	34,594
Forecast pass-through costs	501
Forecast recoverable costs	6,880
Pass-through balance allowance	0
Opening wash-up account balance	(226)
Forecast allowable revenue	41,749

The four components of forecast allowable revenue for the 2022/23 assessment period are described in more detail below.

5.1 Forecast net allowable revenue

Forecast net allowable revenue for the assessment period is specified in Schedule 1.4 of the Determination.

For the 2022/23 assessment period, the forecast amount is **\$34.594M**.

5.2 Forecast pass-through costs

This is EA Networks forecast of pass-through costs for the year. These costs must be demonstrably reasonably.

For the 2022/23 assessment period, the forecast amount is **\$0.501M**.

Section 6.1.1.(b) provides more detail about how these forecast values were determined.

5.3 Forecast recoverable costs

For the 2022/23 assessment period, the forecast amount is **\$6.880M**.

Section 6.1.1.(b) provides more detail about how these forecast values were determined.

5.4 Opening wash-up account balance

The opening wash-up account balance represents any under or over-recoveries of revenue resulting from differences between actual and forecast values two year ago (2020/21 year), less any voluntary under-charging forgone for the previous assessment period. This balance is adjusted for the time value of money specified by the Commerce Commission. We have used the value resulting from the wash-up amount calculation stated in our Default Price-Quality Path Annual Compliance Statement 1 April 2020 – 31 March 2021 Assessment Period to determine the value of the wash up balance from the 2020/21 year.

Opening wash-up account balance (\$000)	
Wash up balance from the 2020/21 year	(208)
67 th percentile estimate of post-tax WACC	4.23%
Opening wash-up account balance	(226)

5.5 Pass-through balance allowance

The determination defines that the pass-through balance allowance for the third assessment period is nil.

6. Calculating forecast revenue from prices

EA Networks forecast revenue from prices is equal to the total of each of its prices for the assessment period multiplied by the forecast quantities they apply to. The Determination requires that these forecasts are demonstrably reasonable.

Prices are made up of fixed and variable volume components multiplied by quantities. Quantities are made up of units consumed, number of connections, installed capacity and demand. So forecasted allowable revenue requires forecasting of the number of connections, consumption, installed capacity and demand. The quantity forecasts are developed using a 'bottom-up' approach at the tariff class level.

To forecast quantities for 2022/23 we have used a trend analysis of 4 years actual quantities (from 2017/18 to 2020/21), by tariff group. When the result of trend analysis, by tariff group, was not consistent with what we expect for 2022/23 would have anticipated, we changed our forecasting method to gain a result that was in line with what we were anticipating, taking into account wider factors.

6.1 Components of revenue from prices

The following table shows the elements of forecast revenue from prices:

Forecast allowable revenue from prices	(\$000)
Components	
Delivery price revenue (Distribution)	34,594
Forecast pass-through costs	501
Forecast recoverable costs	6,880
Opening wash-up account balance	(226)
Forecast allowable revenue	41,749
Voluntary under-charging	(10)
Total Forecast revenue from Prices	41,739

Appendix B details a breakdown of how forecast revenue from is calculated from Price * Quantities. The allocation of costs to tariff groups is detailed in the Pricing Methodology which is downloadable from our website.

Voluntary under-charging

The **\$0.010M** is the difference between Forecast allowable revenue and where EA Networks have decided to set prices.

6.1.1 Analysis of the components and calculation of forecast revenue from prices

This section provides a breakdown of the components of forecast revenue from prices.

6.1.1.(a) Delivery price revenue (Distribution)

Total delivery price revenue or forecast net allowable revenue as it is otherwise known, is specified in Schedule 1.4 of the Determination so no calculation is necessary for this component of forecast allowable revenue. The pricing methodology, downloadable from www.eanetworks.co.nz, gives additional details concerning how Delivery Price revenue is allocated to load groups.

6.1.1.(b) Delivery price revenue (Pass-through and recoverable revenue)

Delivery price revenue (Pass-through and recoverable costs)	(\$000)
Components	
Forecast pass-through cost	501
Forecast recoverable cost	6,880
Total Forecast revenue from Prices	7,381

This sub-section explains how EA Networks has calculated the wash-up account balance, pass-through and recoverable revenue, and pass-through balance allowance.

Forecast pass-through and recoverable costs

The Determination requires a forecast of pass-through and recoverable costs. The two tables below provide a breakdown of EA Networks' pass-through and recoverable cost forecasts for the year ending 31 March 2023.

Forecast pass-through costs	(\$000)
Components	
Commerce Commission levies	165
Electricity Authority levies	109
Utilities Disputes levies	12
Council rates	215
Total forecast pass-through costs	501

Forecast recoverable costs	(\$000)
Components	
IRIS incentive adjustment	(1,496)
Transpower connection charge	307
Transpower interconnection charge	5,881
Transpower new investment charges	1,697
System operator services charge	0
Avoided operator service charges	0
Distributed generation allowance	0
Claw-back	0
Catastrophic event allowance	0
Quality incentive adjustment	(45)
Capex wash-up adjustment	517
Transmission asset wash-up adjustment	0
Reconsideration event allowance	0
Quality standard variation engineers fees	0
Urgent project allowance	0
Fire and Emergency New Zealand	19
Innovation project allowance	0
Total forecast recoverable costs	6,880

Forecast pass-through and recoverable costs	7,381
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The Determination requires that all forecasts of pass-through costs and recoverable costs used to calculate forecast allowable must be demonstrably reasonable.

Method of forecasting pass-through costs	
Components	Forecasting Methodology
Commerce Commission levies	Historical charges with CPI adjustment
Electricity Authority levies	Historical charges with CPI adjustment
Utilities Disputes Levies	Historical charges with CPI adjustment
Council Rates	Historical charges with CPI adjustment

Method of forecasting recoverable costs	
Components	Forecasting Methodology
IRIS incentive adjustment	Commerce Commission spreadsheet
Transpower connection charge	Notified prices
Transpower interconnection charge	Notified prices
Transpower new investment charges	Notified price and an additional repayment.
Quality incentive adjustment	2020/21 DPP compliance statement
Capex wash-up adjustment	Based on the calculation defined in the Determination
Fire and Emergency Levy	Historical charges with CPI adjustment

Why do we believe that a CPI adjusting approach to forecast pass-through cost is reasonable?

Where possible, we have used actual cost (notified prices). When we have not been able to source the actual cost for 2022/23 we have increased the 2021/22 actual costs by Westpac CPI forecasted (CPI adjustment).

Our internal budgeting process uses CPI forecast as a predictor of likely future costs in the absence of better information. This means our approach to determining the likely pass-through costs is consistent with our financial modeling on which we base business decisions.

For the disclosure year we have based our CPI adjustment on the Westpac CPI forecast issued in November 2021. The forecast can be downloaded from.

<https://www.westpac.co.nz/business/economic-updates/economic-and-financial-forecasts/>

Why do we believe that our approach to forecasting recoverable cost is reasonable?

When possible, we used actual costs (notified prices). When notified actual costs are not available, we have used audited numbers, or the Commerce Commission supplied spreadsheets to work out the value of forecasted recoverable cost.

6.1.1(c). Wash-up account balance

Schedule 1.7 of the Determination sets out the requirements to calculate the wash-up account balance. The calculation of the wash-up account balance of **\$0.266M** is shown in section 5.4.

6.1.1(d) Voluntary under-charging

The voluntary under-charging of **(\$0.010M)** represents the difference between forecasted allowable revenue and forecast revenue from prices.

Appendix A: Compliance references

The following tables describe the Determination requirements and the section of this Statement that addresses them:

Table A:1 Price Path Summary

Determination clause	Requirement	Section of document
11.2 (a)	State whether or not the non-exempt EDB has: <ol style="list-style-type: none"> I. In respect of the first assessment period of the DPP regulatory period complied with the price path in clause 8.3 for the assessment period; or II. In respect of the second to fifth assessment periods of the DPP regulatory period, complied with the price path in clause 8.4 for the assessment period. 	4.1
11.2 (b)	State the date on which the statement was prepared.	2
11.2 (c)	Include a certificate in the form set out in Schedule 6, signed by at least one director of the non-exempt EDB.	3
11.3	The 'annual price-setting compliance statement' must include the following information:	
11.3 (a)	The non-exempt EDB's calculation of <i>its forecast revenue from prices</i> together with supporting information for all components of the calculation.	6 & Appendix B
11.3 (b)	The non-exempt EDB's calculation of <i>its forecast allowable revenue</i> from prices together with supporting information for all components of the calculation.	5 & 6
11.3 (c)	If the non-exempt EDB has not complied with the price path, the reasons for the non-compliance.	N/A
11.3 (d)	If the non-exempt EDB has not complied with the price path, any actions taken to mitigate any non-compliance and to prevent similar non-compliance in future.	N/A

Appendix B Detailed forecast revenue from prices

Tariff type	Tariff group	2017-2018 average daily quantities	2018-2019 average daily quantities	2019-2020 average daily quantities	2021-2021 average daily quantities	2021-2022 forecasted average daily quantities	Tariff Status	2022-2023 forecasted average daily quantities	2022-2023 forecast quantities	Forecast approach
General supply										
<i>Fixed daily charges</i>										
General	GS05 less than 5 kVA	0	0	0	0	0	Open	0	53	Annual trend not realistic, use more recent 44 month registry trend
General	GS20 20 kVA	42	42	42	41	41	Open	44	15,998	Annual trend not realistic, use more recent 44 month registry trend
General	GS50 50 kVA	4	4	4	4	4	Open	5	1,730	Annual trend not realistic, use more recent 44 month registry trend
General	G100 100 kVA	2	2	2	2	2	Open	2	728	Annual trend not realistic, use more recent 44 month registry trend
General	G150 150 kVA	1	1	1	1	1	Open	1	306	Annual trend not realistic, use more recent 44 month registry trend
<i>Volume charges (kWh)</i>										
General	GUEN Uncontrolled Energy	614,558	605,746	630,535	621,968	629,957	Open	634,658	231,650,300	Standard forecast approach
General	GCCP Controlled Off-Peak Energy	89,267	89,647	87,164	87,302	86,251	Open	85,413	31,175,600	Standard forecast approach
General	G10N Night Boost 10	2,645	2,453	2,228	2,126	1,917	Open	1,739	634,600	Standard forecast approach
General	GNEN Night only	14,866	14,265	12,745	12,229	11,168	Open	10,225	3,732,200	Standard forecast approach
General	GEDG Embedded Generation Export KWH	899	854	852	1,079	1,056	Open	1,109	404,900	Standard forecast approach
General	GUDG Embedded Generation Credit	349	423	422	381	418	Open	428	156,200	Standard forecast approach
<i>Other charges (number of fittings)</i>										
General	MCRF Floodlight	0	0	0	0	0	Open	0	2	Standard forecast approach
General	MCRU Under Verandah	0	0	0	0	0	Open	0	7	Standard forecast approach
Irrigation										
Irrigation	ISCH Charheable KW	374	376	383	386	390	Open	386	140,731	Quantities expected to be static, ECAN is constraining new consents, and any limited growth is likely to be offset by relinquishing backup pumps where piped irrigation schemes is now being used.
Irrigation	ISMR Irrigation Managed Trail (kW)	-	-	0	0	0	Closed	0	62	as above
Irrigation	ISCF Irrigation Harmonic Penalty (kW)	2	3	3	2	3	Open	2	885	as above
Irrigation	IUEN Uncontrolled Energy (kW)	479,434	372,124	582,134	686,295	529,997	Open	529,997	193,448,800	Set to average of prior years (does not drive any revenue)
Industrial										
<i>kva</i>										
Industrial	ICMD Industrial Supply - kVA	31	33	31	30	30	Open	30	11,092	No growth forecasted from 2020-21
Industrial	ICDYM Industrial Supply - Day Demand	1	1	1	2	2	Open	2	806	No growth forecasted from 2020-21
Industrial	ICDYAD Industrial Supply - Anytime Demand	-	-	-	-	-	Open	-	-	No growth forecasted from 2020-21
Industrial	ICDPD Industrial Supply - Peak Demand	2	2	5	7	8	Open	7	2,424	No growth forecasted from 2020-21
Industrial	ICDAM Industrial Supply - Anytime Demand	2	2	6	7	9	Open	7	2,660	No growth forecasted from 2020-21
<i>Industrial Uncontrolled</i>										
Industrial	IEMD Industrial Supply Energy - kVA	150,709	162,147	156,236	158,211	160,975	Open	162,635	59,361,600	Standard forecast approach
Industrial	IEDS Direct Supply Energy - kVA	-	-	571	7,275	7,561	Open	9,800	3,577,100	Standard forecast approach
Industrial	ICEN Uncontrolled Energy	-	-	9,937	14,425	19,393	Open	24,714	9,020,600	Standard forecast approach
Industrial	IDEN Day Energy	2,154	1,978	2,758	718	1,020	Open	667	243,500	Standard forecast approach
Industrial	INEN Night Energy	445	364	658	218	325	Open	286	104,500	Standard forecast approach
Large users										
Large User	LUCM ANZCO Seafield Plant (Fixed daily charge)	0	0	0	0	0	Closed	0	1	Standard forecast approach
Large User	LECM CMP Energy (kWh)	95,849	91,367	89,292	93,319	90,040	Closed	89,073	32,511,800	Standard forecast approach
Large User	LMCM CMP MD (kVA)	16	15	15	17	16	Closed	17	6,034	Standard forecast approach
Large User	LJPP Talley's Fairfield Plant (Fixed daily charge)	0	0	0	0	0	Closed	0	1	Standard forecast approach
Large User	LEPP Talley's Fairfield Plant Energy (kWh)	13,957	11,730	11,679	8,440	7,300	Closed	5,640	2,058,600	Standard forecast approach
Large User	LMPP Talley's Fairfield Plant Maximum demand (kVA)	3	3	2	2	1	Closed	2	551	Specific site info - use prior year
Large User	LUMH Mt Hutt Ski Aera (Fixed daily charge)	0	0	0	0	0	Closed	0	1	Standard forecast approach
Large User	LEMH Mt Hutt Ski Aera Energy (kWh)	6,032	7,035	6,825	6,252	6,648	Closed	6,693	2,443,100	Standard forecast approach
Large User	LMMH Mt Hutt Ski Aera Maximum demand (kVA)	3	3	3	3	3	Closed	3	1,132	Standard forecast approach
Large User	LUHP Highbank Pumps (kW per day)	26	26	26	26	26	Closed	26	9,600	Chargeable kW of Pumps
Large User	LEHP Highbank Pumps Energy (kWh)	15,650	13,316	20,264	12,818	15,125	Closed	14,970	5,464,100	Standard forecast approach
Large User	LMHP Highbank Pumps Maximum demand (kVA)	-	-	-	-	-	Closed	-	-	No revenue
Generation										
Generation	LUHB Highbank (Fixed daily charge)	0	0	0	0	0	Closed	0	1	Standard forecast approach
Generation	LEHB Highbank Energy (kWh)	336,592	355,616	226,827	331,293	276,410	Closed	261,942	95,608,800	Standard forecast approach
Generation	LMHB Highbank Maximum demand (kVA)	-	-	-	-	-	Closed	-	-	Standard forecast approach
Generation	LUHO Montalto (Fixed daily charge)	0	0	0	0	0	Closed	0	1	Standard forecast approach
Generation	LEMO Montalto Energy (kWh)	28,793	28,920	27,609	28,415	27,823	Closed	27,579	10,066,200	Standard forecast approach
Generation	LMMO Montalto Maximum demand (kVA)	0	0	0	0	0	Closed	0	1	Standard forecast approach
Generation	LUCD Cleardale (Fixed daily charge)	0	0	0	0	0	Closed	0	1	Standard forecast approach
Generation	LECD Cleardale Energy (kWh)	10,837	9,074	9,988	4,382	3,958	Closed	2,113	771,100	Standard forecast approach
Generation	LMCD Cleardale Maximum demand (kVA)	-	-	-	-	-	Closed	-	-	Standard forecast approach
Generation	LUVN Lavington (Fixed daily charge)	0	0	0	0	0	Closed	0	1	Standard forecast approach
Generation	LELN Lavington Energy (kWh)	8,503	6,828	6,085	8,212	7,003	Closed	6,841	2,497,000	Standard forecast approach
Generation	LMLN Lavington Maximum demand (kVA)	-	-	-	-	-	Closed	-	-	Standard forecast approach
Streetlights (Number of Fixtures)										
Street Lighting	MCSL Streetlighting	9	9	7	10	9	Closed	10	3,657	12 month average to Sept 2021 - amended to exclude Metered ICPs

Forecast Revenue from Prices (FRFP)							
			FY2023	FY2023 Forecast	Days	Price x	
			Delivery Prices	Quantities	applicable	Quantity	
General Supply							
Fixed Charges							
GS05	General Supply - less than 5 kVA	GS05	0.5320 \$/con/day	52.7 cons	365 days	10.2	
GS20	General Supply - 20 kVA	GS20	0.3000 \$/con/day	15,998.0 cons	365 days	1,751.8	
GS50	General Supply - 50 kVA	GS50	0.7500 \$/con/day	1,730.1 cons	365 days	473.6	
G100	General Supply - 100 kVA	G100	2.5800 \$/con/day	727.5 cons	365 days	685.1	
G150	General Supply - 150 kVA	G150	4.6000 \$/con/day	305.6 cons	365 days	513.1	
Volume charges							
All GS	Uncontrolled	GUEN	0.0689 \$/kWh	231,650.3 MWh		15,960.7	
All GS	Controlled 16	GCOP	0.0140 \$/kWh	31,175.6 MWh		436.5	
All GS	Night Boost	G10N	0.0140 \$/kWh	634.6 MWh		8.9	
All GS	Night only	GNEEN	0.0000 \$/kWh	3,732.2 MWh		-	
All GS	Embedded Generation Export kWh	GEDG	0.0000 \$/kWh	404.9 MWh		-	
All GS	Embedded Generation Generation Credi	GUDG	0.0000 \$/kWh	156.2 MWh		-	
Other charges							
All GS	Floodlight - Closed	MCRF	0.2876 \$/fitting/day	1.7 fittings	365 days	0.2	
All GS	Under Verandah - Closed	MCRU	0.2532 \$/fitting/day	7.3 fittings	365 days	0.7	
Irrigation							
All irrigation	Chargeable kW	ISCH	0.3550 \$/kW/day	140,731.2 kW	365 days	18,235.2	
	Energy	IUEN	0.0000 \$/kWh	193,449 MWh		-	
ISCM	Irrigation Managed Trial	ISMR	0.0000 \$/kW/day	61.7 kW	365 days	-	
ISCF	Irrigation Harmonic Penalty	ISCF	0.4550 \$/kW/day	884.6 kW	365 days	146.9	
Industrial							
ICMD	Anytime Demand kVA	ICMD	0.3313 \$/kVA/day	11,092.0 kVA	365 days	1,341.3	
ICDYMD	Day Demand kVA	ICDYMD	0.3313 \$/kVA/day	806.0 kVA	365 days	97.5	
	Anytime Demand kVA	ICDYAD	0.0000 \$/kVA/day	0.0 kVA	365 days	-	
ICDPD	Peak Demand	ICDPD	0.0748 \$/kVA/day	2,424.0 kVA	365 days	66.2	
	Anytime Demand	ICDAM	0.2565 \$/kVA/day	2,660.0 kVA	365 days	249.0	
All Industrial	Uncontrolled	IEMD, IEDS, ICEN, IDEN, INEN	0.0000 \$/kWh	71,959 MWh		-	
Large user							
LUCM	ANZCO Seafield Plant	LUCM	693.9621 \$/day	1.0 cons	365 days	253.3	
	Energy	LECM	0.0000 \$/kWh	32,512 MWh		-	
	Maximum demand	LHCM	0.0754 \$/kVA/day	6,034.1 kVA	365 days	166.1	
LUPP	Talley's Fairfield Plant	LUPP	97.3238 \$/day	1.0 cons	365 days	35.5	
	Energy	LEPP	0.0000 \$/kWh	2,059 MWh		-	
	Maximum demand	LMPP	0.0764 \$/kVA/day	550.8 kVA	365 days	15.4	
LUMH	Mt Hutt Ski Area	LUMH	334.0691 \$/day	1.0 cons	365 days	121.9	
	Energy	LEMH	0.0000 \$/kWh	2,443 MWh		-	
	Maximum demand	LMMH	0.0576 \$/kVA/day	1,131.8 kVA	365 days	23.8	
LUHP	Highbank Pumps	LUHP	0.1385 \$/kW/day	9,600.0 kW	365 days	485.3	
	Energy	LEHP	0.0000 \$/kWh	5,464 MWh		-	
	Maximum demand	LMHP	0.0000 \$/kVA/day	0.0 kVA	365 days	-	
Generation							
LUHB	Highbank	LUHB	932.8355 \$/day	1.0 cons	365 days	340.5	
	Energy	LEHB	0.0000 \$/kWh	95,609 MWh		-	
	Maximum demand	LMHB	0.0000 \$/kVA/day	0.0 kVA	365 days	-	
LUMO	Montalto	LUMO	95.6232 \$/day	1.0 cons	365 days	34.9	
	Energy	LEMO	0.0000 \$/kWh	10,066 MWh		-	
	Maximum demand	LMMO	0.0000 \$/kVA/day	0.0 kVA	365 days	-	
LUCD	Cleardale	LUCD	68.5883 \$/day	1.0 cons	365 days	25.0	
	Energy	LECD	0.0000 \$/kWh	0 MWh		-	
	Maximum demand	LMCD	0.0000 \$/kVA/day	0.0 kVA	365 days	-	
	Interconnection credit	LTC	Not included in compliance assessment				
LULN	Lavington	LULN	19.2439 \$/day	1.0 cons	365 days	7.0	
		LELN	0.0000 \$/kWh	2,497 MWh		-	
		LMLN	0.0000 \$/kVA/day	0.0 kVA	365 days	-	
Streetlighting							
MCSL	Street Lighting	MCSL	0.1901 \$/fixture/day	3,656.8 fixtures	365 days	253.7	
						41,739	

Our approach to calculate quantities is detailed in Section 6