



**EDB Information Disclosure Requirements
Information Templates
for
Schedules 1–10**

Company Name	<input type="text" value="EA Networks"/>
Disclosure Date	<input type="text" value="19 August 2022"/>
Disclosure Year (year ended)	<input type="text" value="31 March 2022"/>

Templates for Schedules 1–10 excluding 5f–5g
Template Version 4.1. Prepared 21 December 2017

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Disclosure Template Instructions

These templates have been prepared for use by EDBs when making disclosures under clauses 2.3.1, 2.4.21, 2.4.22, 2.5.1, and 2.5.2 of the Electricity Distribution Information Disclosure Determination 2012.

Company Name and Dates

To prepare the templates for disclosure, the supplier's company name should be entered in cell C8, the date of the last day of the current (disclosure) year should be entered in cell C12, and the date on which the information is disclosed should be entered in cell C10 of the CoverSheet worksheet.

The cell C12 entry (current year) is used to calculate disclosure years in the column headings that show above some of the tables and in labels adjacent to some entry cells. It is also used to calculate the 'For year ended' date in the template title blocks (the title blocks are the light green shaded areas at the top of each template).

The cell C8 entry (company name) is used in the template title blocks.

Dates should be entered in day/month/year order (Example -"1 April 2013").

Data Entry Cells and Calculated Cells

Data entered into this workbook may be entered only into the data entry cells. Data entry cells are the bordered, unshaded areas (white cells) in each template. Under no circumstances should data be entered into the workbook outside a data entry cell.

In some cases, where the information for disclosure is able to be ascertained from disclosures elsewhere in the workbook, such information is disclosed in a calculated cell.

Validation Settings on Data Entry Cells

To maintain a consistency of format and to help guard against errors in data entry, some data entry cells test keyboard entries for validity and accept only a limited range of values. For example, entries may be limited to a list of category names, to values between 0% and 100%, or either a numeric entry or the text entry "N/A". Where this occurs, a validation message will appear when data is being entered. These checks are applied to keyboard entries only and not, for example, to entries made using Excel's copy and paste facility.

Conditional Formatting Settings on Data Entry Cells

Schedule 2 cells G79 and I79:L79 will change colour if the total cashflows do not equal the corresponding values in table 2(ii).

Schedule 4 cells P99:P105 and P107 will change colour if the RAB values do not equal the corresponding values in table 4(ii).

Schedule 9b columns AA to AE (2013 to 2017) contain conditional formatting. The data entry cells for future years are hidden (are changed from white to yellow).

Schedule 9b cells AG10 to AG60 will change colour if the total assets at year end for each asset class does not equal the corresponding values in column I in Schedule 9a.

Schedule 9c cell G30 will change colour if G30 (overhead circuit length by terrain) does not equal G18 (overhead circuit length by operating voltage).

Inserting Additional Rows and Columns

The templates for schedules 4, 5b, 5c, 5d, 5e, 6a, 8, 9d, and 9e may require additional rows to be inserted in tables marked 'include additional rows if needed' or similar. Column A schedule references should not be entered in additional rows, and should be deleted from additional rows that are created by copying and pasting rows that have schedule references.

Additional rows in schedules 5c, 6a, and 9e must not be inserted directly above the first row or below the last row of a table. This is to ensure that entries made in the new row are included in the totals.

Schedules 5d and 5e may require new cost or asset category rows to be inserted in allocation change tables 5d(iii) and 5e(ii). Accordingly, cell protection has been removed from rows 77 and 78 of the respective templates to allow blocks of rows to be copied. The four steps to add new cost category rows to table 5d(iii) are: Select Excel rows 69:77, copy, select Excel row 78, insert copied cells. Similarly, for table 5e(ii): Select Excel rows 70:78, copy, select Excel row 79, then insert copied cells.

The template for schedule 8 may require additional columns to be inserted between column P and U. To avoid interfering with the title block entries, these should be inserted to the left of column S. If inserting additional columns, the formulas for standard consumers total, non-standard consumers totals and total for all consumers will need to be copied into the cells of the added columns. The formulas can be found in the equivalent cells of the existing columns.

Disclosures by Sub-Network

If the supplier has sub-networks, schedules 8, 9a, 9b, 9c, 9e, and 10 must be completed for the network and for each sub-network. A copy of the schedule worksheet(s) must be made for each sub-network and named accordingly.

Schedule References

The references labelled 'sch ref' in the leftmost column of each template are consistent with the row references in the Electricity Distribution ID Determination 2012 (as issued on 21 December 2017). They provide a common reference between the rows in the determination and the template.

Description of Calculation References

Calculation cell formulas contain links to other cells within the same template or elsewhere in the workbook. Key cell references are described in a column to the right of each template. These descriptions are provided to assist data entry. Cell references refer to the row of the template and not the schedule reference.

Worksheet Completion Sequence

Calculation cells may show an incorrect value until precedent cell entries have been completed. Data entry may be assisted by completing the schedules in the following order:

1. Coversheet
2. Schedules 5a–5e
3. Schedules 6a–6b
4. Schedule 8
5. Schedule 3
6. Schedule 4
7. Schedule 2
8. Schedule 7
9. Schedules 9a–9e
10. Schedule 10

Company Name **EA Networks**For Year Ended **31 March 2022****SCHEDULE 1: ANALYTICAL RATIOS**

This schedule calculates expenditure, revenue and service ratios from the information disclosed. The disclosed ratios may vary for reasons that are company specific and, as a result, must be interpreted with care. The Commerce Commission will publish a summary and analysis of information disclosed in accordance with the ID determination. This will include information disclosed in accordance with this and other schedules, and information disclosed under the other requirements of the determination.

This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

1(i): Expenditure metrics		Expenditure per GWh energy delivered to ICPs (\$/GWh)	Expenditure per average no. of ICPs (\$/ICP)	Expenditure per MW maximum coincident system demand (\$/MW)	Expenditure per km circuit length (\$/km)	Expenditure per MVA of capacity from EDB-owned distribution transformers (\$/MVA)
7	1(i): Expenditure metrics					
8						
9	Operational expenditure	24,574	673	85,255	4,387	22,989
10	Network	6,977	191	24,204	1,245	6,527
11	Non-network	17,597	482	61,051	3,141	16,462
12						
13	Expenditure on assets	28,523	781	98,957	5,092	26,683
14	Network	26,948	738	93,492	4,811	25,210
15	Non-network	1,575	43	5,464	281	1,473
16						
17	1(ii): Revenue metrics					
18						
19	Total consumer line charge revenue	74,699	2,045			
20	Standard consumer line charge revenue	74,699	2,045			
21	Non-standard consumer line charge revenue	–	–			
22						
23	1(iii): Service intensity measures					
24						
25	Demand density	51				Maximum coincident system demand per km of circuit length (for supply) (kW/km)
26	Volume density	179				Total energy delivered to ICPs per km of circuit length (for supply) (MWh/km)
27	Connection point density	7				Average number of ICPs per km of circuit length (for supply) (ICPs/km)
28	Energy intensity	27,376				Total energy delivered to ICPs per average number of ICPs (kWh/ICP)
29						
30	1(iv): Composition of regulatory income					
31						
32						
33						
34						
35						
36						
37						
38						
39						
40	1(v): Reliability					
41						
42	Interruption rate		17.94			Interruptions per 100 circuit km

Company Name	EA Networks
For Year Ended	31 March 2022

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

This schedule requires information on the Return on Investment (ROI) for the EDB relative to the Commerce Commission's estimates of post tax WACC and vanilla WACC. EDBs must calculate their ROI based on a monthly basis if required by clause 2.3.3 of the ID Determination or if they elect to. If an EDB makes this election, information supporting this calculation must be provided in 2(iii).

EDBs must provide explanatory comment on their ROI in Schedule 14 (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

	CY-2 31 Mar 20 %	CY-1 31 Mar 21 %	Current Year CY 31 Mar 22 %
2(i): Return on Investment			
ROI – comparable to a post tax WACC			
Reflecting all revenue earned	6.47%	4.40%	9.45%
Excluding revenue earned from financial incentives	6.57%	4.36%	9.77%
Excluding revenue earned from financial incentives and wash-ups	6.62%	4.36%	9.64%
Mid-point estimate of post tax WACC			
25th percentile estimate	4.20%	3.72%	3.52%
75th percentile estimate	3.59%	3.04%	2.84%
	4.95%	4.40%	4.20%
ROI – comparable to a vanilla WACC			
Reflecting all revenue earned	6.89%	4.73%	9.75%
Excluding revenue earned from financial incentives	7.00%	4.69%	10.07%
Excluding revenue earned from financial incentives and wash-ups	7.04%	4.69%	9.94%
WACC rate used to set regulatory price path	7.19%	4.57%	4.57%
Mid-point estimate of vanilla WACC			
25th percentile estimate	4.69%	4.05%	3.82%
75th percentile estimate	4.01%	3.37%	3.14%
	5.37%	4.73%	4.50%
2(ii): Information Supporting the ROI			
			(\$000)
Total opening RAB value	300,961		
plus Opening deferred tax	(16,769)		
Opening RIV		284,192	
Line charge revenue		41,405	
Expenses cash outflow	21,768		
add Assets commissioned	11,600		
less Asset disposals	444		
add Tax payments	2,102		
less Other regulated income	(21)		
Mid-year net cash outflows		35,047	
Term credit spread differential allowance		-	
Total closing RAB value	321,934		
less Adjustment resulting from asset allocation	(109)		
less Lost and found assets adjustment	-		
plus Closing deferred tax	(16,414)		
Closing RIV		305,629	
ROI – comparable to a vanilla WACC			9.75%
Leverage (%)			42%
Cost of debt assumption (%)			2.55%
Corporate tax rate (%)			28%
ROI – comparable to a post tax WACC			9.45%

Company Name **EA Networks**
 For Year Ended **31 March 2022**

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

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sch ref

2(iii): Information Supporting the Monthly ROI

61									
62									
63	Opening RIV								N/A
64									
65									
66		Line charge revenue	Expenses cash outflow	Assets commissioned	Asset disposals	Other regulated income	Monthly net cash outflows		
67	April								-
68	May								-
69	June								-
70	July								-
71	August								-
72	September								-
73	October								-
74	November								-
75	December								-
76	January								-
77	February								-
78	March								-
79	Total	-	-	-	-	-	-		-
80									
81	Tax payments								N/A
82									
83	Term credit spread differential allowance								N/A
84									
85	Closing RIV								N/A
86									
87									
88	Monthly ROI – comparable to a vanilla WACC								N/A
89									
90	Monthly ROI – comparable to a post tax WACC								N/A
91									

2(iv): Year-End ROI Rates for Comparison Purposes

92			
93			
94	Year-end ROI – comparable to a vanilla WACC		9.83%
95			
96	Year-end ROI – comparable to a post tax WACC		9.53%
97			

* these year-end ROI values are comparable to the ROI reported in pre 2012 disclosures by EDBs and do not represent the Commission's current view on ROI.

2(v): Financial Incentives and Wash-Ups

102	Net recoverable costs allowed under incremental rolling incentive scheme	(1,195)	
103	Purchased assets – avoided transmission charge	-	
104	Energy efficiency and demand incentive allowance		
105	Quality incentive adjustment	(19)	
106	Other financial incentives	-	
107	Financial incentives		(1,214)
108			
109	Impact of financial incentives on ROI		-0.32%
110			
111	Input methodology claw-back	-	
112	CPP application recoverable costs	-	
113	Catastrophic event allowance	-	
114	Capex wash-up adjustment	502	
115	Transmission asset wash-up adjustment	-	
116	2013–15 NPV wash-up allowance	-	
117	Reconsideration event allowance	-	
118	Other wash-ups	-	

Company Name **EA Networks**
 For Year Ended **31 March 2022**

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

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119	Wash-up costs	502
120		
121	Impact of wash-up costs on ROI	0.13%

Company Name **EA Networks**
 For Year Ended **31 March 2022**

SCHEDULE 3: REPORT ON REGULATORY PROFIT

This schedule requires information on the calculation of regulatory profit for the EDB for the disclosure year. All EDBs must complete all sections and provide explanatory comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

7	3(i): Regulatory Profit	(\$000)
8	Income	
9	Line charge revenue	41,405
10	plus Gains / (losses) on asset disposals	(247)
11	plus Other regulated income (other than gains / (losses) on asset disposals)	226
12		
13	Total regulatory income	41,384
14	Expenses	
15	less Operational expenditure	13,621
16		
17	less Pass-through and recoverable costs excluding financial incentives and wash-ups	8,147
18		
19	Operating surplus / (deficit)	19,616
20		
21	less Total depreciation	10,873
22		
23	plus Total revaluations	20,799
24		
25	Regulatory profit / (loss) before tax	29,541
26		
27	less Term credit spread differential allowance	-
28		
29	less Regulatory tax allowance	1,747
30		
31	Regulatory profit/(loss) including financial incentives and wash-ups	27,795
32		
33	3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups	(\$000)
34	Pass through costs	
35	Rates	207
36	Commerce Act levies	91
37	Industry levies	108
38	CPP specified pass through costs	-
39	Recoverable costs excluding financial incentives and wash-ups	
40	Electricity lines service charge payable to Transpower	4,557
41	Transpower new investment contract charges	3,137
42	System operator services	-
43	Distributed generation allowance	-
44	Extended reserves allowance	-
45	Other recoverable costs excluding financial incentives and wash-ups	47
46	Pass-through and recoverable costs excluding financial incentives and wash-ups	8,147
47		

Company Name **EA Networks**
 For Year Ended **31 March 2022**

SCHEDULE 3: REPORT ON REGULATORY PROFIT

This schedule requires information on the calculation of regulatory profit for the EDB for the disclosure year. All EDBs must complete all sections and provide explanatory comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes).
 This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

		(\$000)	
		CY-1	CY
		31 Mar 21	31 Mar 22
48	3(iii): Incremental Rolling Incentive Scheme		
49			
50			
51	Allowed controllable opex	-	-
52	Actual controllable opex	-	-
53			
54	Incremental change in year		-
55			
		Previous years' incremental change	Previous years' incremental change adjusted for inflation
56			
57	CY-5 31 Mar 17	-	-
58	CY-4 31 Mar 18	-	-
59	CY-3 31 Mar 19	-	-
60	CY-2 31 Mar 20	-	-
61	CY-1 31 Mar 21	-	-
62	Net incremental rolling incentive scheme		-
63			
64	Net recoverable costs allowed under incremental rolling incentive scheme		-
65	3(iv): Merger and Acquisition Expenditure		
70			(\$000)
66	Merger and acquisition expenditure		-
67			
68	<i>Provide commentary on the benefits of merger and acquisition expenditure to the electricity distribution business, including required disclosures in accordance with section 2.7, in Schedule 14 (Mandatory Explanatory Notes)</i>		
69	3(v): Other Disclosures		
70			(\$000)
71	Self-insurance allowance		-

Company Name **EA Networks**
 For Year Ended **31 March 2022**

SCHEDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWARD)

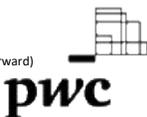
This schedule requires information on the calculation of the Regulatory Asset Base (RAB) value to the end of this disclosure year. This informs the ROI calculation in Schedule 2. EDBs must provide explanatory comment on the value of their RAB in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

4(i): Regulatory Asset Base Value (Rolled Forward)		for year ended				
		RAB 31 Mar 18 (\$000)	RAB 31 Mar 19 (\$000)	RAB 31 Mar 20 (\$000)	RAB 31 Mar 21 (\$000)	RAB 31 Mar 22 (\$000)
	Total opening RAB value	251,141	259,359	268,447	292,650	300,961
less	Total depreciation	9,240	9,530	9,990	10,649	10,873
plus	Total revaluations	2,756	3,831	6,771	4,429	20,799
plus	Assets commissioned	14,921	16,376	29,987	15,501	11,600
less	Asset disposals	218	773	1,095	976	444
plus	Lost and found assets adjustment	-	-	-	-	-
plus	Adjustment resulting from asset allocation	(0)	(816)	(1,470)	6	(109)
	Total closing RAB value	259,359	268,447	292,650	300,961	321,934

4(ii): Unallocated Regulatory Asset Base		Unallocated RAB *		RAB	
		(\$000)	(\$000)	(\$000)	(\$000)
	Total opening RAB value		303,283		300,961
less	Total depreciation		11,043		10,873
plus	Total revaluations		20,960		20,799
plus	Assets commissioned (other than below)	6,983		6,824	
	Assets acquired from a regulated supplier				
	Assets acquired from a related party	4,776		4,776	
	Assets commissioned		11,759		11,600
less	Asset disposals (other than below)	401		401	
	Asset disposals to a regulated supplier	-		-	
	Asset disposals to a related party	43		43	
	Asset disposals		444		444
plus	Lost and found assets adjustment		-		-
plus	Adjustment resulting from asset allocation				(109)
	Total closing RAB value		324,515		321,934

* The 'unallocated RAB' is the total value of those assets used wholly or partially to provide electricity distribution services without any allowance being made for the allocation of costs to services provided by the supplier that are not electricity distribution services. The RAB value represents the value of these assets after applying this cost allocation. Neither value includes works under construction.



Company Name **EA Networks**
 For Year Ended **31 March 2022**

SCHEDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWARD)

This schedule requires information on the calculation of the Regulatory Asset Base (RAB) value to the end of this disclosure year. This informs the ROI calculation in Schedule 2. EDBs must provide explanatory comment on the value of their RAB in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

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4(iii): Calculation of Revaluation Rate and Revaluation of Assets

CPI _t	1,142
CPI _{t-4}	1,068
Revaluation rate (%)	6.93%

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
Total opening RAB value	303,283		300,961	
less Opening value of fully depreciated, disposed and lost assets	785		785	
Total opening RAB value subject to revaluation	302,498		300,176	
Total revaluations		20,960		20,799

4(iv): Roll Forward of Works Under Construction

	Unallocated works under construction		Allocated works under construction	
Works under construction—preceding disclosure year		5,673		5,673
plus Capital expenditure	14,947		14,947	
less Assets commissioned	11,759		11,600	
plus Adjustment resulting from asset allocation			(159)	
Works under construction - current disclosure year		8,861		8,861

Highest rate of capitalised finance applied -

Company Name **EA Networks**
 For Year Ended **31 March 2022**

SCHEDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWARD)

This schedule requires information on the calculation of the Regulatory Asset Base (RAB) value to the end of this disclosure year. This informs the ROI calculation in Schedule 2. EDBs must provide explanatory comment on the value of their RAB in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

76 **4(v): Regulatory Depreciation**

	Unallocated RAB *	RAB
	(\$000)	(\$000)
77		
78		
79	9,472	9,472
80	1,571	1,401
81	-	-
82	-	-
83		
84		
	11,043	10,873

85 **4(vi): Disclosure of Changes to Depreciation Profiles**

(\$000 unless otherwise specified)

86	Asset or assets with changes to depreciation*	Reason for non-standard depreciation (text entry)	Depreciation charge for the period (RAB)	Closing RAB value under 'non-standard' depreciation	Closing RAB value under 'standard' depreciation
87					
88					
89					
90					
91					
92					
93					
94					
95					

* include additional rows if needed

96 **4(vii): Disclosure by Asset Category**

(\$000 unless otherwise specified)

98		Subtransmission lines	Subtransmission cables	Zone substations	Distribution and LV lines	Distribution and LV cables	Distribution substations and transformers	Distribution switchgear	Other network assets	Non-network assets	Total
99	Total opening RAB value	13,748	3,511	27,552	50,724	80,487	63,843	35,800	2,294	23,002	300,961
100	less Total depreciation	497	82	1,098	1,968	1,966	2,097	1,585	179	1,401	10,873
101	plus Total revaluations	951	243	1,907	3,512	5,576	4,398	2,477	159	1,576	20,799
102	plus Assets commissioned	387	-	1,172	1,484	1,751	5,009	1,111	355	331	11,600
103	less Asset disposals	25	-	-	28	16	294	38	-	43	444
104	plus Lost and found assets adjustment	-	-	-	-	-	-	-	-	-	-
105	plus Adjustment resulting from asset allocation	-	-	-	-	-	-	-	-	(109)	(109)
106	plus Asset category transfers	-	-	-	-	-	-	-	-	-	-
107	Total closing RAB value	14,564	3,672	29,533	53,724	85,832	70,859	37,765	2,629	23,356	321,934
108											
109	Asset Life										
110	Weighted average remaining asset life	33.1	48.7	33.1	30.1	44.7	35.7	26.2	12.8	20.5	(years)
111	Weighted average expected total asset life	45.1	55.0	44.1	45.9	55.1	45.0	36.6	15.4	24.6	(years)



Company Name **EA Networks**
 For Year Ended **31 March 2022**

SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE

This schedule requires information on the calculation of the regulatory tax allowance. This information is used to calculate regulatory profit/loss in Schedule 3 (regulatory profit). EDBs must provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 100

sch ref

		(\$000)	
7	5a(i): Regulatory Tax Allowance		
8	Regulatory profit / (loss) before tax		29,541
9			
10	<i>plus</i> Income not included in regulatory profit / (loss) before tax but taxable	58	*
11	Expenditure or loss in regulatory profit / (loss) before tax but not deductible	32	*
12	Amortisation of initial differences in asset values	2,086	
13	Amortisation of revaluations	1,252	
14			3,428
15			
16	<i>less</i> Total revaluations	20,799	
17	Income included in regulatory profit / (loss) before tax but not taxable	-	*
18	Discretionary discounts and customer rebates	2,927	
19	Expenditure or loss deductible but not in regulatory profit / (loss) before tax	-	*
20	Notional deductible interest	3,006	
21			26,731
22			
23	Regulatory taxable income		6,238
24			
25	<i>less</i> Utilised tax losses	-	
26	Regulatory net taxable income		6,238
27			
28	Corporate tax rate (%)	28%	
29	Regulatory tax allowance		1,747

* Workings to be provided in Schedule 14

5a(ii): Disclosure of Permanent Differences

In Schedule 14, Box 5, provide descriptions and workings of items recorded in the asterisked categories in Schedule 5a(i).

5a(iii): Amortisation of Initial Difference in Asset Values

(\$000)

36	Opening unamortised initial differences in asset values	52,149	
37	<i>less</i> Amortisation of initial differences in asset values	2,086	
38	<i>plus</i> Adjustment for unamortised initial differences in assets acquired	-	
39	<i>less</i> Adjustment for unamortised initial differences in assets disposed	236	
40	Closing unamortised initial differences in asset values		49,827
41			
42	Opening weighted average remaining useful life of relevant assets (years)		25

Company Name **EA Networks**
 For Year Ended **31 March 2022**

SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE

This schedule requires information on the calculation of the regulatory tax allowance. This information is used to calculate regulatory profit/loss in Schedule 3 (regulatory profit). EDBs must provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 70

sch ref

5a(iv): Amortisation of Revaluations			(\$000)
44			
45			
46	Opening sum of RAB values without revaluations	270,039	
47			
48	Adjusted depreciation	9,621	
49	Total depreciation	10,873	
50	Amortisation of revaluations		1,252
51			
52	5a(v): Reconciliation of Tax Losses		(\$000)
53			
54	Opening tax losses	-	
55	plus Current period tax losses	-	
56	less Utilised tax losses	-	
57	Closing tax losses		-
58	5a(vi): Calculation of Deferred Tax Balance		(\$000)
59			
60	Opening deferred tax	(16,769)	
61			
62	plus Tax effect of adjusted depreciation	2,694	
63			
64	less Tax effect of tax depreciation	3,609	
65			
66	plus Tax effect of other temporary differences*	1,882	
67			
68	less Tax effect of amortisation of initial differences in asset values	584	
69			
70	plus Deferred tax balance relating to assets acquired in the disclosure year	-	
71			
72	less Deferred tax balance relating to assets disposed in the disclosure year	26	
73			
74	plus Deferred tax cost allocation adjustment	(1)	
75			
76	Closing deferred tax		(16,414)
77			
78	5a(vii): Disclosure of Temporary Differences		
79	<i>In Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 5a(vi) (Tax effect of other temporary differences).</i>		
80			
81	5a(viii): Regulatory Tax Asset Base Roll-Forward		
82			(\$000)
83	Opening sum of regulatory tax asset values	157,126	
84	less Tax depreciation	12,890	
85	plus Regulatory tax asset value of assets commissioned	11,600	
86	less Regulatory tax asset value of asset disposals	228	
87	plus Lost and found assets adjustment	-	
88	plus Adjustment resulting from asset allocation	(112)	
89	plus Other adjustments to the RAB tax value	-	
90	Closing sum of regulatory tax asset values		155,496

Company Name **EA Networks**
 For Year Ended **31 March 2022**

SCHEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS

This schedule provides information on the valuation of related party transactions, in accordance with clause 2.3.6 of the ID determination. This information is part of audited disclosure information (as defined in clause 1.4 of the ID determination), and so is subject to the assurance report required by clause 2.8.

sch ref

	(\$000)	(\$000)
7 5b(i): Summary—Related Party Transactions		
8 Total regulatory income		58
9		
10 Market value of asset disposals		21
11		
12 Service interruptions and emergencies	950	
13 Vegetation management	252	
14 Routine and corrective maintenance and inspection	642	
15 Asset replacement and renewal (opex)	1,000	
16 Network opex		2,844
17 Business support	78	
18 System operations and network support	350	
19 Operational expenditure		3,272
20 Consumer connection	1,266	
21 System growth	903	
22 Asset replacement and renewal (capex)	2,035	
23 Asset relocations	82	
24 Quality of supply	556	
25 Legislative and regulatory	-	
26 Other reliability, safety and environment	360	
27 Expenditure on non-network assets		25
28 Expenditure on assets		5,227
29 Cost of financing		-
30 Value of capital contributions		-
31 Value of vested assets		-
32 Capital Expenditure		5,227
33 Total expenditure		8,499
34		
35 Other related party transactions		822

5b(iii): Total Opex and Capex Related Party Transactions

	Name of related party	Nature of opex or capex service provided	Total value of transactions (\$000)
37	EA Networks Field Services	Service interruptions and emergencies	949
38	EA Networks Field Services	Vegetation management	252
39	EA Networks Field Services	Routine and corrective maintenance and inspection	642
40	EA Networks Field Services	Asset replacement and renewal (opex)	998
41	EA Networks Field Services	Business support	55
42	EA Networks Field Services	System operations and network support	300
43	EA Networks Field Services	Consumer connection	1,261
44	EA Networks Field Services	System growth	902
45	EA Networks Field Services	Asset replacement and renewal (capex)	1,874
46	EA Networks Field Services	Asset relocations	82
47	EA Networks Field Services	Quality of supply	556
48	EA Networks Field Services	Other reliability, safety and environment	250
49	EA Networks Field Services	Expenditure on non-network assets	13
50	Ashburton district council	Business support	20
	Ashburton district council	System operations and network support	25
	Ashburton district council	Asset replacement and renewal (capex)	111
	Ashburton district council	Expenditure on non-network assets	12
	Ashbuton contracting limited	Asset replacement and renewal (opex)	2
	Ashbuton contracting limited	Consumer connection	4
	Ashbuton contracting limited	Asset replacement and renewal (capex)	50
	Ashbuton contracting limited	System growth	1
	Ashbuton contracting limited	Other reliability, safety and environment	109
51	Orion	System operations and network support	24
	Other	Service interruptions and emergencies	1
	Other	Business support	3
	Other	System operations and network support	1
	Other	Consumer connection	1
52	Other	Other reliability, safety and environment	1
53	Total value of related party transactions		8,499

Company Name

EA Networks

For Year Ended

31 March 2022

SCHEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS

This schedule provides information on the valuation of related party transactions, in accordance with clause 2.3.6 of the ID determination.

This information is part of audited disclosure information (as defined in clause 1.4 of the ID determination), and so is subject to the assurance report required by clause 2.8.

sch ref

54

** include additional rows if needed*

55

Company Name **EA Networks**
 For Year Ended **31 March 2022**

SCHEDULE 5d: REPORT ON COST ALLOCATIONS

This schedule provides information on the allocation of operational costs. EDBs must provide explanatory comment on their cost allocation in Schedule 14 (Mandatory Explanatory Notes), including on the impact of any reclassifications. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

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5d(i): Operating Cost Allocations

	Value allocated (\$000s)				
	Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	OVABAA allocation increase (\$000s)
Service interruptions and emergencies					
Directly attributable		1,028			
Not directly attributable	-	-	-	-	-
Total attributable to regulated service		1,028			
Vegetation management					
Directly attributable		547			
Not directly attributable	-	-	-	-	-
Total attributable to regulated service		547			
Routine and corrective maintenance and inspection					
Directly attributable		1,032			
Not directly attributable	-	-	-	-	-
Total attributable to regulated service		1,032			
Asset replacement and renewal					
Directly attributable		1,260			
Not directly attributable	-	-	-	-	-
Total attributable to regulated service		1,260			
System operations and network support					
Directly attributable		3,727			
Not directly attributable	-	-	-	-	-
Total attributable to regulated service		3,727			
Business support					
Directly attributable		453			
Not directly attributable	-	5,574	806	6,380	-
Total attributable to regulated service		6,027			
Operating costs directly attributable		8,047			
Operating costs not directly attributable	-	5,574	806	6,380	-
Operational expenditure		13,621			

Company Name **EA Networks**
 For Year Ended **31 March 2022**

SCHEDULE 5d: REPORT ON COST ALLOCATIONS

This schedule provides information on the allocation of operational costs. EDBs must provide explanatory comment on their cost allocation in Schedule 14 (Mandatory Explanatory Notes), including on the impact of any reclassifications. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

39 **5d(ii): Other Cost Allocations**

Pass through and recoverable costs		(S000)
Pass through costs		
41	Directly attributable	406
42	Not directly attributable	-
43	Total attributable to regulated service	406
Recoverable costs		
45	Directly attributable	7,741
46	Not directly attributable	-
47	Total attributable to regulated service	7,741

50 **5d(iii): Changes in Cost Allocations* †**

		(S000)	
		CY-1	Current Year (CY)
51	Change in cost allocation 1		
52	Cost category		
53	Original allocator or line items		
54	New allocator or line items		
55		-	-
56			
57	Rationale for change		

		(S000)	
		CY-1	Current Year (CY)
61	Change in cost allocation 2		
62	Cost category		
63	Original allocator or line items		
64	New allocator or line items		
65		-	-
66			
67	Rationale for change		

		(S000)	
		CY-1	Current Year (CY)
70	Change in cost allocation 3		
71	Cost category		
72	Original allocator or line items		
73	New allocator or line items		
74		-	-
75			
76	Rationale for change		

78 * a change in cost allocation must be completed for each cost allocator change that has occurred in the disclosure year. A movement in an allocator metric is not a change in allocator or component.
 79 † include additional rows if needed

Company Name **EA Networks**
 For Year Ended **31 March 2022**

SCHEDULE 5e: REPORT ON ASSET ALLOCATIONS

This schedule requires information on the allocation of asset values. This information supports the calculation of the RAB value in Schedule 4. EDBs must provide explanatory comment on their cost allocation in Schedule 14 (Mandatory Explanatory Notes), including on the impact of any changes in asset allocations. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

5e(i): Regulated Service Asset Values		Value allocated (\$000s)
		Electricity distribution services
7	Subtransmission lines	
8	Directly attributable	14,564
9	Not directly attributable	-
10	Total attributable to regulated service	14,564
11	Subtransmission cables	
12	Directly attributable	3,672
13	Not directly attributable	-
14	Total attributable to regulated service	3,672
15	Zone substations	
16	Directly attributable	29,533
17	Not directly attributable	-
18	Total attributable to regulated service	29,533
19	Distribution and LV lines	
20	Directly attributable	53,724
21	Not directly attributable	-
22	Total attributable to regulated service	53,724
23	Distribution and LV cables	
24	Directly attributable	85,832
25	Not directly attributable	-
26	Total attributable to regulated service	85,832
27	Distribution substations and transformers	
28	Directly attributable	70,859
29	Not directly attributable	-
30	Total attributable to regulated service	70,859
31	Distribution switchgear	
32	Directly attributable	37,765
33	Not directly attributable	-
34	Total attributable to regulated service	37,765
35	Other network assets	
36	Directly attributable	2,627
37	Not directly attributable	2
38	Total attributable to regulated service	2,629
39	Non-network assets	
40	Directly attributable	16,305
41	Not directly attributable	7,051
42	Total attributable to regulated service	23,356
43	Regulated service asset value directly attributable	314,881
44	Regulated service asset value not directly attributable	7,053
45	Total closing RAB value	321,934

5e(ii): Changes in Asset Allocations* †		(\$000)	
		CY-1	Current Year (CY)
51	Change in asset value allocation 1		
52	Asset category	Original allocation	
53	Original allocator or line items	New allocation	
54	New allocator or line items	Difference	
55		-	-
56	Rationale for change		
57			
58	Change in asset value allocation 2		
59	Asset category	Original allocation	
60	Original allocator or line items	New allocation	
61	New allocator or line items	Difference	
62		-	-
63	Rationale for change		
64			
65	Change in asset value allocation 3		
66	Asset category	Original allocation	
67	Original allocator or line items	New allocation	
68	New allocator or line items	Difference	
69		-	-
70	Rationale for change		

* a change in asset allocation must be completed for each allocator or component change that has occurred in the disclosure year. A movement in an allocator metric is not a change in allocator or component
 † include additional rows if needed

Company Name **EA Networks**
 For Year Ended **31 March 2022**

SCHEDULE 6a: REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR

This schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of which capital contributions are received, but excluding assets that are vested assets. Information on expenditure on assets must be provided on an accounting accruals basis and must exclude finance costs. EDBs must provide explanatory comment on their expenditure on assets in Schedule 14 (Explanatory Notes to Templates). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

7	6a(i): Expenditure on Assets		(\$000)	(\$000)
8	Consumer connection			3,816
9	System growth			2,834
10	Asset replacement and renewal			6,301
11	Asset relocations			199
12	Reliability, safety and environment:			
13	Quality of supply	1,311		
14	Legislative and regulatory	-		
15	Other reliability, safety and environment	476		
16	Total reliability, safety and environment			1,787
17	Expenditure on network assets			14,937
18	Expenditure on non-network assets			873
19				
20	Expenditure on assets			15,810
21	plus Cost of financing			-
22	less Value of capital contributions			863
23	plus Value of vested assets			-
24				
25	Capital expenditure			14,947
26	6a(ii): Subcomponents of Expenditure on Assets (where known)			(\$000)
27	Energy efficiency and demand side management, reduction of energy losses			-
28	Overhead to underground conversion			2,368
29	Research and development			-
30	6a(iii): Consumer Connection		(\$000)	(\$000)
31	<i>Consumer types defined by EDB*</i>			
32	Industry/Large Connection		627	
33	New Subdivision		1,148	
34	Urban		168	
35	Tariff group change		231	
	Rural with transformer		1,104	
	Rural without transformers		340	
	Safety		198	
36				
37	<i>* include additional rows if needed</i>			
38	Consumer connection expenditure			3,816
39				
40	less Capital contributions funding consumer connection expenditure		627	
41	Consumer connection less capital contributions			3,189
42	6a(iv): System Growth and Asset Replacement and Renewal		System Growth	Asset Replacement and Renewal
43			(\$000)	(\$000)
44				
45	Subtransmission		-	514
46	Zone substations		191	155
47	Distribution and LV lines		1	2,025
48	Distribution and LV cables		8	2,468
49	Distribution substations and transformers		2,123	719
50	Distribution switchgear		342	374
51	Other network assets		169	46
52	System growth and asset replacement and renewal expenditure		2,834	6,301
53	less Capital contributions funding system growth and asset replacement and renewal		-	103
54	System growth and asset replacement and renewal less capital contributions		2,834	6,198
55				
56	6a(v): Asset Relocations		(\$000)	(\$000)
57	<i>Project or programme*</i>			
58				
59				
60				
61				
62				
63	<i>* include additional rows if needed</i>			
64	All other projects or programmes - asset relocations		199	
65	Asset relocations expenditure			199
66	less Capital contributions funding asset relocations		-	
67	Asset relocations less capital contributions			199

Company Name **EA Networks**
 For Year Ended **31 March 2022**

SCHEDULE 6a: REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR

This schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of which capital contributions are received, but excluding assets that are vested assets. Information on expenditure on assets must be provided on an accounting accruals basis and must exclude finance costs. EDBs must provide explanatory comment on their expenditure on assets in Schedule 14 (Explanatory Notes to Templates). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

68				
69	6a(vi): Quality of Supply			
70	<i>Project or programme*</i>	(\$000)	(\$000)	
71	11kV Core Network Centres	171		
72	Ring main unit	414		
73	ZSS MTV - Reconfiguration	609		
74	ZSS Upgrading 110dc Supply	56		
75				
76	<i>* include additional rows if needed</i>			
77	All other projects programmes - quality of supply	61		
78	Quality of supply expenditure		1,311	
79	less Capital contributions funding quality of supply	-		
80	Quality of supply less capital contributions		1,311	
81	6a(vii): Legislative and Regulatory			
82	<i>Project or programme*</i>	(\$000)	(\$000)	
83				
84				
85				
86				
87				
88	<i>* include additional rows if needed</i>			
89	All other projects or programmes - legislative and regulatory			
90	Legislative and regulatory expenditure		-	
91	less Capital contributions funding legislative and regulatory			
92	Legislative and regulatory less capital contributions		-	
93	6a(viii): Other Reliability, Safety and Environment			
94	<i>Project or programme*</i>	(\$000)	(\$000)	
95	Distribution earthing	360		
96	UG Conversion - State Hwy Road Crossings	116		
97				
98				
99				
100	<i>* include additional rows if needed</i>			
101	All other projects or programmes - other reliability, safety and environment	-		
102	Other reliability, safety and environment expenditure		476	
103	less Capital contributions funding other reliability, safety and environment	133		
104	Other reliability, safety and environment less capital contributions		343	
105				
106	6a(ix): Non-Network Assets			
107	Routine expenditure			
108	<i>Project or programme*</i>	(\$000)	(\$000)	
109	Routine Info Tech	273		
110	Routine Plant	32		
111	ZSS ASH - Building Improvement	69		
112	Stock transferred to critical spare	209		
113				
114	<i>* include additional rows if needed</i>			
115	All other projects or programmes - routine expenditure	1		
116	Routine expenditure		584	
117	Atypical expenditure			
118	<i>Project or programme*</i>	(\$000)	(\$000)	
119	Non-Network - Aerial Photography	12		
120	Non-Network - Software - Distribution Management Software	218		
121	Inhouse software development	59		
122				
123				
124	<i>* include additional rows if needed</i>			
125	All other projects or programmes - atypical expenditure	-		
126	Atypical expenditure		289	
127				
128	Expenditure on non-network assets		873	

Company Name **EA Networks**
 For Year Ended **31 March 2022**

SCHEDULE 6b: REPORT ON OPERATIONAL EXPENDITURE FOR THE DISCLOSURE YEAR

This schedule requires a breakdown of operational expenditure incurred in the disclosure year. EDBs must provide explanatory comment on their operational expenditure in Schedule 14 (Explanatory notes to templates). This includes explanatory comment on any atypical operational expenditure and assets replaced or renewed as part of asset replacement and renewal operational expenditure, and additional information on insurance. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

		(\$000)	(\$000)
7	6b(i): Operational Expenditure		
8	Service interruptions and emergencies	1,028	
9	Vegetation management	547	
10	Routine and corrective maintenance and inspection	1,032	
11	Asset replacement and renewal	1,260	
12	Network opex		3,867
13	System operations and network support	3,727	
14	Business support	6,027	
15	Non-network opex		9,754
16			
17	Operational expenditure		13,621
18	6b(ii): Subcomponents of Operational Expenditure (where known)		
19	Energy efficiency and demand side management, reduction of energy losses		18
20	Direct billing*		-
21	Research and development		64
22	Insurance		298
23	* Direct billing expenditure by suppliers that directly bill the majority of their consumers		

Company Name **EA Networks**For Year Ended **31 March 2022****SCHEDULE 7: COMPARISON OF FORECASTS TO ACTUAL EXPENDITURE**

This schedule compares actual revenue and expenditure to the previous forecasts that were made for the disclosure year. Accordingly, this schedule requires the forecast revenue and expenditure information from previous disclosures to be inserted.

EDBs must provide explanatory comment on the variance between actual and target revenue and forecast expenditure in Schedule 14 (Mandatory Explanatory Notes). This information is part of the audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8. For the purpose of this audit, target revenue and forecast expenditures only need to be verified back to previous disclosures.

sch ref

	Target (\$000) ¹	Actual (\$000)	% variance
7(i): Revenue			
Line charge revenue	41,268	41,405	0%
7(ii): Expenditure on Assets	Forecast (\$000) ²	Actual (\$000)	% variance
Consumer connection	2,523	3,816	51%
System growth	2,094	2,834	35%
Asset replacement and renewal	8,404	6,301	(25%)
Asset relocations	–	199	–
Reliability, safety and environment:			
Quality of supply	1,520	1,311	(14%)
Legislative and regulatory	–	–	–
Other reliability, safety and environment	160	476	198%
Total reliability, safety and environment	1,680	1,787	6%
Expenditure on network assets	14,701	14,937	2%
Expenditure on non-network assets	912	873	(4%)
Expenditure on assets	15,613	15,810	1%
7(iii): Operational Expenditure			
Service interruptions and emergencies	810	1,028	27%
Vegetation management	723	547	(24%)
Routine and corrective maintenance and inspection	732	1,032	41%
Asset replacement and renewal	1,308	1,260	(4%)
Network opex	3,573	3,867	8%
System operations and network support	3,907	3,727	(5%)
Business support	5,956	6,027	1%
Non-network opex	9,863	9,754	(1%)
Operational expenditure	13,436	13,621	1%
7(iv): Subcomponents of Expenditure on Assets (where known)			
Energy efficiency and demand side management, reduction of energy losses	–	–	–
Overhead to underground conversion	3,040	2,368	(22%)
Research and development	135	–	(100%)
7(v): Subcomponents of Operational Expenditure (where known)			
Energy efficiency and demand side management, reduction of energy losses	–	18	–
Direct billing	–	–	–
Research and development	250	64	(74%)
Insurance	467	298	(36%)

¹ From the nominal dollar target revenue for the disclosure year disclosed under clause 2.4.3(3) of this determination

² From the CY+1 nominal dollar expenditure forecasts disclosed in accordance with clause 2.6.6 for the forecast period starting at the beginning of the disclosure year (the second to last disclosure of Schedules 11a and 11b)

Company Name

EA Networks

For Year Ended

31 March 2022

SCHEDULE 7: COMPARISON OF FORECASTS TO ACTUAL EXPENDITURE

This schedule compares actual revenue and expenditure to the previous forecasts that were made for the disclosure year. Accordingly, this schedule requires the forecast revenue and expenditure information from previous disclosures to be inserted.

EDBs must provide explanatory comment on the variance between actual and target revenue and forecast expenditure in Schedule 14 (Mandatory Explanatory Notes). This information is part of the audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8. For the purpose of this audit, target revenue and forecast expenditures only need to be verified back to previous disclosures.

sch ref

Company Name **EA Networks**
 For Year Ended **31 March 2022**
 Network / Sub-Network Name

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

This schedule requires the billed quantities and associated line charge revenues for each price category code used by the EDB in its pricing schedules. Information is also required on the number of ICPs that are included in each consumer group or price category code, and the energy delivered to these ICPs.

sch ref

8(i): Billed Quantities by Price Component

Consumer group name or price category code	Consumer type or types (eg. residential, commercial etc.)	Standard or non-standard consumer group (specify)	Average no. of ICPs in disclosure year	Energy delivered to ICPs in disclosure year (MWh)	
General Supply - less than 5 kVA	Ancillary supplies	Standard	49	5	
General Supply - 20 kVA	commercial	Standard	15,813	127,774	
General Supply - 50 kVA	commercial	Standard	1,701	33,159	
General Supply - 100 kVA	commercial	Standard	713	57,605	
General Supply - 150 kVA	Commercial	Standard	295	46,345	
Irrigation	Irrigation	Standard	1,616	179,520	
Industrial	Industrial	Standard	44	67,642	
Large Users	Large industrial	Standard	4	41,207	
Generation	Generation	Standard	4	-	
Street Lighting	Public streetlighting	Standard	9	1,022	
Differences	NA	Standard	-	-	
Standard consumer totals				20,247	554,284
Non-standard consumer totals				-	-
Total for all consumers				20,247	554,284

Add extra rows for additional consumer groups or price category codes as necessary

Unit charging basis (eg. days, kW of demand, kVA of capacity, etc.)

Price component

Billed quantities by price component

Fixed daily charge	Capacity Charge	Demand charge	Fixtures	Irrigation credit	Anytime supply	Controlled 16h supply	Day only supply	Night only supply	Night boost supply	Anytime injection
Cons	kW	kVA	Fixtures	kW	kWh	kWh	kWh	kWh	kWh	kWh
49	-	-	-	-	5,497	-	-	-	-	-
15,813	-	-	18	-	94,204,672	29,038,089	-	3,842,027	689,080	527,077
1,701	-	-	1	-	30,672,579	1,987,265	-	404,970	94,518	91,336
713	-	-	11	-	56,884,084	545,123	-	175,091	1,186	32,006
295	-	-	-	-	46,051,034	200,216	-	98,245	-	37,767
-	140,941	-	-	48	179,520,034	-	-	-	-	332,240
-	-	17,255	-	-	67,488,267	-	121,762	31,696	-	-
3	9,600	8,191	-	-	41,207,223	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	132,668,548
-	-	-	3,667	-	1,021,735	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	325,696
18,578	150,541	25,446	3,697	48	517,055,105	31,770,693	121,762	4,552,033	784,784	133,715,669
-	-	-	-	-	-	-	-	-	-	-
18,578	150,541	25,446	3,697	48	517,055,105	31,770,693	121,762	4,552,033	784,784	133,715,669

Add extra columns for additional billed quantities by price component as necessary

Company Name: **EA Networks**
 For Year Ended: **31 March 2022**
 Network / Sub-Network Name:

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

This schedule requires the billed quantities and associated line charge revenues for each price category code used by the EDB in its pricing schedules. Information is also required on the number of ICPs that are included in each consumer group or price category code, and the energy delivered to these ICPs.

8(ii): Line Charge Revenues (\$000) by Price Component

Line charge revenues (\$000) by price component

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	Total line charge revenue in disclosure year	Notional revenue foregone from posted discounts (if applicable)
General Supply - less than 5 kVA	Ancillary supplies	Standard	\$9	-
General Supply - 20 kVA	commercial	Standard	\$8,653	-
General Supply - 50 kVA	commercial	Standard	\$2,600	-
General Supply - 100 kVA	Commercial	Standard	\$4,580	-
General Supply - 150 kVA	Commercial	Standard	\$3,674	-
Irrigation	Irrigation	Standard	\$18,344	-
Industrial	Industrial	Standard	\$1,767	-
Large Users	Large industrial	Standard	\$1,115	-
Generation	Generation	Standard	\$408	-
Street Lighting	Public streetlighting	Standard	\$255	-
Differences	N/A	Standard	-	-
Standard consumer totals			\$41,405	-
Non-standard consumer totals			-	-
Total for all consumers			\$41,405	-

Total distribution line charge revenue	Total transmission line charge revenue (if available)	Rate (eg, \$ per day, \$ per kWh, etc.)
\$9	-	-
\$7,589	\$1,065	-
\$2,253	\$347	-
\$3,937	\$643	-
\$3,153	\$520	-
\$13,680	\$4,664	-
\$1,397	\$370	-
\$573	\$541	-
\$408	-	-
\$251	\$5	-
-	-	-
\$33,251	\$8,154	-
-	-	-
\$33,251	\$8,154	-

Price component

Fixed daily charge	Capacity Charge	Demand charge	Fixtures	Irrigation credit	Anytime supply	Controlled 16h supply	Day only supply	Night only supply	Night boost supply	Anytime injection
\$/con/day	\$/kWh/day	\$/kVA/day	\$/fixture/day	\$/kWh/day	\$/kWh	\$/kWh	\$/kWh	\$/kWh	\$/kWh	\$/kWh
\$9	-	-	-	-	-	-	-	-	-	-
\$866	-	-	\$2	-	\$7,310	\$465	-	-	\$11	-
\$186	-	-	\$0	-	\$2,380	\$32	-	-	\$2	-
\$156	-	-	\$1	-	\$4,414	\$9	-	-	\$0	-
\$97	-	-	-	-	\$3,574	\$3	-	-	-	-
-	\$18,346	-	-	(\$2)	-	-	-	-	-	-
-	-	\$1,767	-	-	-	-	-	-	-	-
\$411	\$482	\$222	-	-	-	-	-	-	-	-
\$408	-	-	-	-	-	-	-	-	-	-
-	-	-	\$255	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
\$2,133	\$18,828	\$1,989	\$258	(\$2)	\$17,678	\$508	-	-	\$13	-
-	-	-	-	-	-	-	-	-	-	-
\$2,133	\$18,828	\$1,989	\$258	(\$2)	\$17,678	\$508	-	-	\$13	-

Add extra columns for additional line charge revenues by price component as necessary

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at year end:

Check OK

Company Name	EA Networks
For Year Ended	31 March 2022
Network / Sub-network Name	

SCHEDULE 9a: ASSET REGISTER

This schedule requires a summary of the quantity of assets that make up the network, by asset category and asset class. All units relating to cable and line assets, that are expressed in km, refer to circuit lengths.

sch ref

sch ref	Voltage	Asset category	Asset class	Units	Items at start of	Items at end of	Net change	Data accuracy (1-4)
					year (quantity)	year (quantity)		
8	All	Overhead Line	Concrete poles / steel structure	No.	2,336	2,252	(84)	4
9	All	Overhead Line	Wood poles	No.	26,310	25,187	(1,123)	4
10	All	Overhead Line	Other pole types	No.	-	-	-	N/A
11	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	390	383	(6)	4
12	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	-	-	-	N/A
13	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	8	8	(1)	4
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	-	-	-	N/A
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	-	-	-	N/A
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	-	-	-	N/A
17	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	-	-	-	N/A
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	-	-	-	N/A
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	-	-	-	N/A
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	-	-	-	N/A
21	HV	Subtransmission Cable	Subtransmission submarine cable	km	-	-	-	N/A
22	HV	Zone substation Buildings	Zone substations up to 66kV	No.	20	20	-	4
23	HV	Zone substation Buildings	Zone substations 110kV+	No.	-	-	-	N/A
24	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	-	-	-	N/A
25	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	75	75	-	3
26	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	37	36	(1)	4
27	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	165	135	(30)	3
28	HV	Zone substation switchgear	33kV RMU	No.	-	-	-	N/A
29	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	-	-	-	N/A
30	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	21	12	(9)	3
31	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	189	191	2	3
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	2	-	(2)	3
33	HV	Zone Substation Transformer	Zone Substation Transformers	No.	35	31	(4)	3
34	HV	Distribution Line	Distribution OH Open Wire Conductor	km	1,939	1,936	(2)	3
35	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	-	-	-	N/A
36	HV	Distribution Line	SWER conductor	km	-	-	-	N/A
37	HV	Distribution Cable	Distribution UG XLPE or PVC	km	300	302	1	3
38	HV	Distribution Cable	Distribution UG PILC	km	5	4	(1)	3
39	HV	Distribution Cable	Distribution Submarine Cable	km	-	-	-	N/A
40	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	21	26	5	3
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	-	2	2	N/A
42	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	7,793	7,699	(94)	2
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	-	-	-	N/A
44	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	507	503	(4)	3
45	HV	Distribution Transformer	Pole Mounted Transformer	No.	1,147	4,614	3,467	3
46	HV	Distribution Transformer	Ground Mounted Transformer	No.	6,093	1,918	(4,175)	3
47	HV	Distribution Transformer	Voltage regulators	No.	1	1	-	3
48	HV	Distribution Substations	Ground Mounted Substation Housing	No.	540	558	18	3
49	LV	LV Line	LV OH Conductor	km	61	59	(1)	3
50	LV	LV Cable	LV UG Cable	km	408	413	5	3
51	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	319	316	(3)	3
52	LV	Connections	OH/UG consumer service connections	No.	20,382	20,665	283	3
53	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	812	829	17	3
54	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	1	1	-	3
55	All	Capacitor Banks	Capacitors including controls	No.	-	-	-	N/A
56	All	Load Control	Centralised plant	Lot	2	2	-	4
57	All	Load Control	Relays	No.	400	400	-	1
58	All	Civils	Cable Tunnels	km	-	-	-	N/A

Company Name	EA Networks
For Year Ended	31 March 2022
Network / Sub-network Name	

SCHEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES

This schedule requires a summary of the key characteristics of the overhead line and underground cable network. All units relating to cable and line assets, that are expressed in km, refer to circuit lengths.

sch ref

9				
10	Circuit length by operating voltage (at year end)			Total circuit length (km)
11	> 66kV	–	–	–
12	50kV & 66kV	322	4	326
13	33kV	61	1	62
14	SWER (all SWER voltages)	–	–	–
15	22kV (other than SWER)	1,545	143	1,688
16	6.6kV to 11kV (inclusive—other than SWER)	391	166	557
17	Low voltage (< 1kV)	59	413	472
18	Total circuit length (for supply)	2,378	727	3,105
19				
20	Dedicated street lighting circuit length (km)	16	300	316
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)			–
22				
23	Overhead circuit length by terrain (at year end)		(% of total circuit length)	
24	Urban	70	3%	
25	Rural	2,260	95%	
26	Remote only	48	2%	
27	Rugged only	–	–	
28	Remote and rugged	–	–	
29	Unallocated overhead lines	–	–	
30	Total overhead length	2,378	100%	
31				
32			(% of total circuit length)	
33	Length of circuit within 10km of coastline or geothermal areas (where known)	463	15%	
34			(% of total overhead length)	
35	Overhead circuit requiring vegetation management	2,379	100%	

Company Name **EA Networks**
 For Year Ended **31 March 2022**

SCHEDULE 9d: REPORT ON EMBEDDED NETWORKS

This schedule requires information concerning embedded networks owned by an EDB that are embedded in another EDB's network or in another embedded network.

sch ref

	Location *	Number of ICPs served	Line charge revenue (\$000)
8			
9	Upper Rakaia embedded network (supplied by Orion)	13	13
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26	* Extend embedded distribution networks table as necessary to disclose each embedded network owned by the EDB which is embedded in another EDB's network or in another embedded network		

Company Name **EA Networks**
 For Year Ended **31 March 2022**
 Network / Sub-network Name

SCHEDULE 9e: REPORT ON NETWORK DEMAND

This schedule requires a summary of the key measures of network utilisation for the disclosure year (number of new connections including distributed generation, peak demand and electricity volumes conveyed).

sch ref

8	9e(i): Consumer Connections		
9	Number of ICPs connected in year by consumer type		
10		Number of connections (ICPs)	
11	<i>Consumer types defined by EDB*</i>		
12	General Supply - less than 5 kVA	1	
13	General Supply - 20 kVA	270	
14	General Supply - 50 kVA	32	
15	General Supply - 100 kVA	11	
16	General Supply - 150 kVA	4	
17	Street Lighting	–	
18	Irrigation	19	
19	<i>* include additional rows if needed</i>		
20	Connections total	337	
21	Distributed generation		
22	Number of connections made in year	54	connections
23	Capacity of distributed generation installed in year	0.50	MVA
24	9e(ii): System Demand		
25		Demand at time of maximum coincident demand (MW)	
26	Maximum coincident system demand		
27	GXP demand	158	
28	<i>plus</i> Distributed generation output at HV and above	2	
29	Maximum coincident system demand	160	
30	<i>less</i> Net transfers to (from) other EDBs at HV and above	(0)	
31	Demand on system for supply to consumers' connection points	160	
32	Electricity volumes carried	Energy (GWh)	
33	Electricity supplied from GXPs	436	
34	<i>less</i> Electricity exports to GXPs	–	
35	<i>plus</i> Electricity supplied from distributed generation	134	
36	<i>less</i> Net electricity supplied to (from) other EDBs	(0)	
37	Electricity entering system for supply to consumers' connection points	570	
38	<i>less</i> Total energy delivered to ICPs	554	
39	Electricity losses (loss ratio)	16	2.8%
40	Load factor	0.41	
41	9e(iii): Transformer Capacity		
42		(MVA)	
43	Distribution transformer capacity (EDB owned)	593	
44	Distribution transformer capacity (Non-EDB owned, estimated)	13	
45	Total distribution transformer capacity	605	
46			
47	Zone substation transformer capacity	311	

Company Name	EA Networks
For Year Ended	31 March 2022
Network / Sub-network Name	

SCHEDULE 10: REPORT ON NETWORK RELIABILITY

This schedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and fault rate) for the disclosure year. EDBs must provide explanatory comment on their network reliability for the disclosure year in Schedule 14 (Explanatory notes to templates). The SAIFI and SAIDI information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

8	10(i): Interruptions		
9	Interruptions by class	Number of interruptions	
10	Class A (planned interruptions by Transpower)	–	
11	Class B (planned interruptions on the network)	251	
12	Class C (unplanned interruptions on the network)	304	
13	Class D (unplanned interruptions by Transpower)	–	
14	Class E (unplanned interruptions of EDB owned generation)	–	
15	Class F (unplanned interruptions of generation owned by others)	–	
16	Class G (unplanned interruptions caused by another disclosing entity)	–	
17	Class H (planned interruptions caused by another disclosing entity)	2	
18	Class I (interruptions caused by parties not included above)	–	
19	Total	557	
20			
21	Interruption restoration	≤3Hrs	>3hrs
22	Class C interruptions restored within	219	85
23			
24	SAIFI and SAIDI by class	SAIFI	SAIDI
25	Class A (planned interruptions by Transpower)	–	–
26	Class B (planned interruptions on the network)	0.36	106.64
27	Class C (unplanned interruptions on the network)	1.65	129.09
28	Class D (unplanned interruptions by Transpower)	–	–
29	Class E (unplanned interruptions of EDB owned generation)	–	–
30	Class F (unplanned interruptions of generation owned by others)	–	–
31	Class G (unplanned interruptions caused by another disclosing entity)	–	–
32	Class H (planned interruptions caused by another disclosing entity)	0.00	0.14
33	Class I (interruptions caused by parties not included above)	–	–
34	Total	2.01	235.9
35			
36	Normalised SAIFI and SAIDI	Normalised SAIFI	Normalised SAIDI
37	Classes B & C (interruptions on the network)	2.01	223.2
38			

Company Name	EA Networks
For Year Ended	31 March 2022
Network / Sub-network Name	

SCHEDULE 10: REPORT ON NETWORK RELIABILITY

This schedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and fault rate) for the disclosure year. EDBs must provide explanatory comment on their network reliability for the disclosure year in Schedule 14 (Explanatory notes to templates). The SAIFI and SAIDI information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

10(ii): Class C Interruptions and Duration by Cause

Cause	SAIFI	SAIDI
Lightning	0.01	1.09
Vegetation	0.20	43.58
Adverse weather	0.10	28.87
Adverse environment	–	–
Third party interference	0.16	14.04
Wildlife	0.05	2.84
Human error	0.50	1.99
Defective equipment	0.41	22.01
Cause unknown	0.22	14.67

10(iii): Class B Interruptions and Duration by Main Equipment Involved

Main equipment involved	SAIFI	SAIDI
Subtransmission lines	0.03	7.30
Subtransmission cables	–	–
Subtransmission other	–	–
Distribution lines (excluding LV)	0.32	95.28
Distribution cables (excluding LV)	0.01	4.06
Distribution other (excluding LV)	–	–

10(iv): Class C Interruptions and Duration by Main Equipment Involved

Main equipment involved	SAIFI	SAIDI
Subtransmission lines	0.29	7.45
Subtransmission cables	0.08	0.15
Subtransmission other	–	–
Distribution lines (excluding LV)	0.95	115.08
Distribution cables (excluding LV)	0.33	6.41
Distribution other (excluding LV)	–	–

10(v): Fault Rate

Main equipment involved	Number of Faults	Circuit length (km)	Fault rate (faults per 100km)
Subtransmission lines	10	383	2.61
Subtransmission cables	1	5	20.00
Subtransmission other	–	–	–
Distribution lines (excluding LV)	298	1,936	15.39
Distribution cables (excluding LV)	14	309	4.53
Distribution other (excluding LV)	–	–	–
Total	323		