



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

Company Name	<input type="text" value="EA Networks"/>
Disclosure Date	<input type="text" value="13 August 2015"/>
Disclosure Year (year ended)	<input type="text" value="31 March 2015"/>

Templates for Schedules 1–10 excluding 5f–5g
Template Version 4.1. Prepared 24 March 2015

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Company Name	EA Networks
For Year Ended	31 March 2015

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

7	1(i): Expenditure metrics				
8					
9		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 MVA of capacity from EDB-owned distribution transformers (\$/MVA)
10	Operational expenditure	14,638	495	54,300	17,328
11	Network	3,653	124	13,550	4,324
12	Non-network	10,985	372	40,750	13,004
13	Expenditure on assets	24,082	815	89,334	28,509
14	Network	23,389	791	86,764	27,689
15	Non-network	693	23	2,570	820
16					
17	1(ii): Revenue metrics				
18					
19		Revenue per GWh energy delivered to ICPs (\$/GWh)	Revenue per average no. of ICPs (\$/ICP)		
20	Total consumer line charge revenue	65,019	2,200		
21	Standard consumer line charge revenue	65,019	2,200		
22	Non-standard consumer line charge revenue	-	-		
23	1(iii): Service intensity measures				
24					
25	Demand density	56			Maximum coincident system demand per km of circuit length (for supply) (kW/km)
26	Volume density	207			Total energy delivered to ICPs per km of circuit length (for supply) (MWh/km)
27	Connection point density	6			Average number of ICPs per km of circuit length (for supply) (ICPs/km)
28	Energy intensity	33,830			Total energy delivered to ICPs per average number of ICPs (kWh/ICP)
29					
30	1(iv): Composition of regulatory income				
31					
32				(\$000)	% of revenue
33	Operational expenditure			9,121	22.11%
34	Pass-through and recoverable costs excluding financial incentives and wash-ups			8,514	20.64%
35	Total depreciation			7,375	17.88%
36	Total revaluations			184	0.45%
37	Regulatory tax allowance			2,413	5.85%
38	Regulatory profit/(loss) including financial incentives and wash-ups			14,014	33.97%
39	Total regulatory income			41,252	
40	1(v): Reliability				
41					
42	Interruption rate			15.14	Interruptions per 100 circuit km

Company Name	EA Networks
For Year Ended	31 March 2015

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

2(i): Return on Investment		CY-2	CY-1	Current Year CY
		31 Mar 13	31 Mar 14	31 Mar 15
		%	%	%
7	ROI – comparable to a post tax WACC			
8				
9	Reflecting all revenue earned	5.63%	7.42%	5.78%
10	Excluding revenue earned from financial incentives	5.63%	7.42%	5.78%
11	Excluding revenue earned from financial incentives and wash-ups	5.63%	7.42%	5.78%
12				
13				
14	Mid-point estimate of post tax WACC	5.85%	5.43%	6.10%
15	25th percentile estimate	5.13%	4.71%	5.39%
16	75th percentile estimate	6.56%	6.14%	6.82%
17				
18				
19	ROI – comparable to a vanilla WACC			
20	Reflecting all revenue earned	6.41%	8.10%	6.56%
21	Excluding revenue earned from financial incentives	6.41%	8.10%	6.56%
22	Excluding revenue earned from financial incentives and wash-ups	6.41%	8.10%	6.56%
23				
24	WACC rate used to set regulatory price path	8.77%	8.77%	8.77%
25				
26	Mid-point estimate of vanilla WACC	6.62%	6.11%	6.89%
27	25th percentile estimate	5.91%	5.39%	6.10%
28	75th percentile estimate	7.34%	6.83%	7.60%
29				
30	2(ii): Information Supporting the ROI			
31				
32	Total opening RAB value	220,521		
33	plus Opening deferred tax	(5,574)		
34	Opening RIV		214,947	
35				
36	Line charge revenue		40,514	
37				
38	Expenses cash outflow	17,635		
39	add Assets commissioned	13,834		
40	less Asset disposals	815		
41	add Tax payments	58		
42	less Other regulated income	738		
43	Mid-year net cash outflows		29,974	
44				
45	Term credit spread differential allowance		–	
46				
47	Total closing RAB value	226,349		
48	less Adjustment resulting from asset allocation	(0)		
49	less Lost and found assets adjustment	–		
50	plus Closing deferred tax	(7,930)		
51	Closing RIV		218,420	
52				
53	ROI – comparable to a vanilla WACC			6.56%
54				
55	Leverage (%)			44%
56	Cost of debt assumption (%)			6.36%
57	Corporate tax rate (%)			28%
58				
59	ROI – comparable to a post tax WACC			5.78%
60				

Company Name **EA Networks**
 For Year Ended **31 March 2015**

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).

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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		6.32%
95			
96	Year-end ROI – comparable to a post tax WACC		5.53%
97			
98	* 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.		
99			

2(v): Financial Incentives and Wash-Ups

100			
101			
102	Net recoverable costs allowed under incremental rolling incentive scheme		-
103	Purchased assets – avoided transmission charge		
104	Energy efficiency and demand incentive allowance		
105	Quality incentive adjustment		
106	Other financial incentives		
107	Financial incentives		-
108			
109	Impact of financial incentives on ROI		-
110			
111	Input methodology claw-back		
112	Recoverable customised price-quality path costs		
113	Catastrophic event allowance		
114	Capex wash-up adjustment		
115	Transmission asset wash-up adjustment		
116	2013–2015 NPV wash-up allowance		
117	Reconsideration event allowance		
118	Other wash-ups		
119	Wash-up costs		-
120			
121	Impact of wash-up costs on ROI		-

Company Name **EA Networks**
 For Year Ended **31 March 2015**

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

sch ref		(\$000)
7	3(i): Regulatory Profit	
8	Income	
9	Line charge revenue	40,514
10	plus Gains / (losses) on asset disposals	2
11	plus Other regulated income (other than gains / (losses) on asset disposals)	736
12		
13	Total regulatory income	41,252
14	Expenses	
15	less Operational expenditure	9,121
16		
17	less Pass-through and recoverable costs excluding financial incentives and wash-ups	8,514
18		
19	Operating surplus / (deficit)	23,617
20		
21	less Total depreciation	7,375
22		
23	plus Total revaluations	184
24		
25	Regulatory profit / (loss) before tax	16,427
26		
27	less Term credit spread differential allowance	-
28		
29	less Regulatory tax allowance	2,413
30		
31	Regulatory profit/(loss) including financial incentives and wash-ups	14,014
32		
33	3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups	(\$000)
34	Pass through costs	
35	Rates	183
36	Commerce Act levies	124
37	Industry levies	113
38	CPP specified pass through costs	
39	Recoverable costs excluding financial incentives and wash-ups	
40	Electricity lines service charge payable to Transpower	5,517
41	Transpower new investment contract charges	1,597
42	System operator services	-
43	Distributed generation allowance	980
44	Extended reserves allowance	
45	Other recoverable costs excluding financial incentives and wash-ups	-
46	Pass-through and recoverable costs excluding financial incentives and wash-ups	8,514
47		

Company Name **EA Networks**
 For Year Ended **31 March 2015**

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).

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sch ref

		(\$000)	
		CY-1	CY
		31 Mar 14	31 Mar 15
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 10		
58	CY-4 31 Mar 11		
59	CY-3 31 Mar 12		
60	CY-2 31 Mar 13		
61	CY-1 31 Mar 14		
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 2015**

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

7 8 9	10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	4(i): Regulatory Asset Base Value (Rolled Forward)	for year ended				
			RAB 31 Mar 11 (\$000)	RAB 31 Mar 12 (\$000)	RAB 31 Mar 13 (\$000)	RAB 31 Mar 14 (\$000)	RAB 31 Mar 15 (\$000)
		Total opening RAB value	168,994	183,644	190,501	207,829	220,521
		less Total depreciation	6,274	7,157	6,655	6,958	7,375
		plus Total revaluations	4,070	2,849	1,621	3,159	184
		plus Assets commissioned	17,595	12,490	23,974	19,136	13,834
		less Asset disposals	741	1,325	1,610	1,614	815
		plus Lost and found assets adjustment	-	-	-	-	-
		plus Adjustment resulting from asset allocation	-	-	(2)	(1,031)	(0)
		Total closing RAB value	183,644	190,501	207,829	220,521	226,349

26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49	50	4(ii): Unallocated Regulatory Asset Base	Unallocated RAB *		RAB	
			(\$000)	(\$000)	(\$000)	(\$000)
		Total opening RAB value		221,551		220,521
		less Total depreciation		7,400		7,375
		plus Total revaluations		185		184
		plus Assets commissioned (other than below)	-		-	
		Assets acquired from a regulated supplier	-			
		Assets acquired from a related party	13,834		13,834	
		Assets commissioned		13,834		13,834
		less Asset disposals (other than below)	815		815	
		Asset disposals to a regulated supplier	-			
		Asset disposals to a related party	-			
		Asset disposals		815		815
		plus Lost and found assets adjustment				
		plus Adjustment resulting from asset allocation				(0)
		Total closing RAB value		227,355		226,349

* 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 2015**

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.

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

CPI _t	1,193
CPI _{t-4}	1,192
Revaluation rate (%)	0.08%

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
Total opening RAB value	221,551		220,521	
<i>less</i> Opening value of fully depreciated, disposed and lost assets	928		928	
Total opening RAB value subject to revaluation	220,623		219,593	
Total revaluations		185		184

4(iv): Roll Forward of Works Under Construction

	Unallocated works under construction		Allocated works under construction	
Works under construction—preceding disclosure year		1,348		1,348
<i>plus</i> Capital expenditure	14,184		14,184	
<i>less</i> Assets commissioned	13,834		13,834	
<i>plus</i> Adjustment resulting from asset allocation			-	
Works under construction - current disclosure year		1,698		1,698
Highest rate of capitalised finance applied				-

Company Name **EA Networks**
 For Year Ended **31 March 2015**

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)	(\$000)	(\$000)
79 Depreciation - standard	6,575		6,551	
80 Depreciation - no standard life assets	824		824	
81 Depreciation - modified life assets	-		-	
82 Depreciation - alternative depreciation in accordance with CPP	-		-	
83 Total depreciation		7,400		7,375

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

(\$000 unless otherwise specified)

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

* include additional rows if needed

96 4(vii): Disclosure by Asset Category

(\$000 unless otherwise specified)

	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	12,539	927	17,749	46,620	51,383	32,485	42,428	1,098	15,293	220,521
100 <i>less</i> Total depreciation	401	28	553	1,613	1,230	1,115	1,477	53	905	7,375
101 <i>plus</i> Total revaluations	11	1	15	39	43	27	35	1	13	184
102 <i>plus</i> Assets commissioned	325	-	-	1,495	1,498	6,524	3,210	160	622	13,834
103 <i>less</i> Asset disposals	22	2	-	357	80	120	217	-	18	815
104 <i>plus</i> Lost and found assets adjustment	-	-	-	-	-	-	-	-	-	-
105 <i>plus</i> Adjustment resulting from asset allocation	-	-	-	-	-	-	-	-	-	-
106 <i>plus</i> Asset category transfers	-	(131)	-	-	131	-	-	-	-	-
107 Total closing RAB value	12,452	767	17,210	46,184	51,745	37,801	43,979	1,206	15,005	226,349
109 Asset Life										
110 Weighted average remaining asset life	35.1	37.0	33.4	32.2	45.4	35.5	31.6	13.1	23.1	(years)
111 Weighted average expected total asset life	45.4	54.8	45.8	46.2	55.0	45.0	38.8	14.9	24.3	(years)

Company Name **EA Networks**
 For Year Ended **31 March 2015**

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 1.10.

sch ref

		(\$000)	
7	5a(i): Regulatory Tax Allowance		
8	Regulatory profit / (loss) before tax		16,427
9			
10	<i>plus</i> Income not included in regulatory profit / (loss) before tax but taxable	5	*
11	Expenditure or loss in regulatory profit / (loss) before tax but not deductible	-	*
12	Amortisation of initial differences in asset values	2,203	
13	Amortisation of revaluations	500	
14			2,708
15			
16	<i>less</i> Total revaluations	184	
17	Income included in regulatory profit / (loss) before tax but not taxable	2	*
18	Discretionary discounts and customer rebates	4,498	
19	Expenditure or loss deductible but not in regulatory profit / (loss) before tax	-	*
20	Notional deductible interest	5,832	
21			10,516
22			
23	Regulatory taxable income		8,618
24			
25	<i>less</i> Utilised tax losses		
26	Regulatory net taxable income		8,618
27			
28	Corporate tax rate (%)	28%	
29	Regulatory tax allowance		2,413

* 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	70,563	
37	<i>less</i> Amortisation of initial differences in asset values	2,203	
38	<i>plus</i> Adjustment for unamortised initial differences in assets acquired	-	
39	<i>less</i> Adjustment for unamortised initial differences in assets disposed	318	
40	Closing unamortised initial differences in asset values		68,042
41			
42	Opening weighted average remaining useful life of relevant assets (years)		32
43			

Company Name **EA Networks**
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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 1.10.

sch ref

44	5a(iv): Amortisation of Revaluations		(\$000)
45			
46	Opening sum of RAB values without revaluations	207,661	
47			
48	Adjusted depreciation	6,874	
49	Total depreciation	7,375	
50	Amortisation of revaluations		500
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	(5,574)	
61			
62	plus Tax effect of adjusted depreciation	1,925	
63			
64	less Tax effect of tax depreciation	2,772	
65			
66	plus Tax effect of other temporary differences*	(9)	
67			
68	less Tax effect of amortisation of initial differences in asset values	617	
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	883	
73			
74	plus Deferred tax cost allocation adjustment	0	
75			
76	Closing deferred tax		(7,930)
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	113,628	
84	less Tax depreciation	9,900	
85	plus Regulatory tax asset value of assets commissioned	13,834	
86	less Regulatory tax asset value of asset disposals	336	
87	plus Lost and found assets adjustment	-	
88	plus Adjustment resulting from asset allocation	-	
89	plus Other adjustments to the RAB tax value	-	
90	Closing sum of regulatory tax asset values		117,226

Company Name **EA Networks**
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SCHEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS

This schedule provides information on the valuation of related party transactions, in accordance with section 2.3.6 and 2.3.7 of the ID 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

7 5b(i): Summary—Related Party Transactions

	(\$000)
8 Total regulatory income	
9 Operational expenditure	3,558
10 Capital expenditure	14,184
11 Market value of asset disposals	
12 Other related party transactions	

13 5b(ii): Entities Involved in Related Party Transactions

Name of related party	Related party relationship
14 Ashburton District Council	Significant Shareholder
15 Ashburton Contracting Limited	A subsidiary of Ashburton District Council
16 EA Network Contracting Limited	Contracting arm of EA Networks
17 EA Network Fibre	Fibre arm of EA Networks
18	
19	

* include additional rows if needed

21 5b(iii): Related Party Transactions

Name of related party	Related party transaction type	Description of transaction	Value of transaction (\$000)	Basis for determining value
22 Ashburton District Council	Opex	Rates	216	IM clause 2.2.11(5)(b)(i)
23 Ashburton District Council	Opex	Sundry items	4	IM clause 2.2.11(5)(b)(i)
24	[Select one]			[Select one]
25 EA Network fibre	Opex	Use of Communication network	738	IM clause 2.2.11(5)(b)(ii)
26	[Select one]			[Select one]
27 EA Network contracting	Opex	Maintenance of distribution system	1,389	IM clause 2.2.11(5)(g)
28 EA Network contracting	Opex	Non-network matintenance	301	IM clause 2.2.11(5)(g)
29 EA Network contracting	Opex	Fault maintenance	580	IM clause 2.2.11(5)(g)
30 EA Network contracting	Capex	Construtction of RAB assets	13,725	IM clause 2.2.11(5)(g)
31 EA Network contracting	Opex	Tree management	303	[Select one]
32	[Select one]			[Select one]
33 Ashburton contracting service	Opex	Maintenance of distribution system	4	IM clause 2.2.11(5)(b)(i)
34 Ashburton contracting service	Opex	Non-network matintenance	24	IM clause 2.2.11(5)(b)(i)
35 Ashburton contracting service	Capex	Construtction of RAB assets	459	IM clause 2.2.11(5)(b)(i)
36	[Select one]			[Select one]

* include additional rows if needed

Company Name **EA Networks**
 For Year Ended **31 March 2015**

SCHEDULE 5c: REPORT ON TERM CREDIT SPREAD DIFFERENTIAL ALLOWANCE

This schedule is only to be completed if, as at the date of the most recently published financial statements, the weighted average original tenor of the debt portfolio (both qualifying debt and non-qualifying debt) is greater than five years.
 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

5c(i): Qualifying Debt (may be Commission only)

Issuing party	Issue date	Pricing date	Original tenor (in years)	Coupon rate (%)	Book value at issue date (NZD)	Book value at date of financial statements (NZD)	Term Credit Spread Difference	Cost of executing an interest rate swap	Debt issue cost readjustment
* include additional rows if needed						-	-	-	-

5c(ii): Attribution of Term Credit Spread Differential

Gross term credit spread differential				-
Total book value of interest bearing debt				
Leverage		44%		
Average opening and closing RAB values				
Attribution Rate (%)				-
Term credit spread differential allowance				-

Company Name **EA Networks**
 For Year Ended **31 March 2015**

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

		Value allocated (\$000s)				
		Arm's length deduction	Electricity distribution services	Non-electricity distribution services	Total	OVABAA allocation increase (\$000s)
7	5d(i): Operating Cost Allocations					
8						
9						
10	Service interruptions and emergencies					
11	Directly attributable		580			
12	Not directly attributable				-	
13	Total attributable to regulated service		580			
14	Vegetation management					
15	Directly attributable		303			
16	Not directly attributable				-	
17	Total attributable to regulated service		303			
18	Routine and corrective maintenance and inspection					
19	Directly attributable		409			
20	Not directly attributable				-	
21	Total attributable to regulated service		409			
22	Asset replacement and renewal					
23	Directly attributable		984			
24	Not directly attributable				-	
25	Total attributable to regulated service		984			
26	System operations and network support					
27	Directly attributable		3,336			
28	Not directly attributable				-	
29	Total attributable to regulated service		3,336			
30	Business support					
31	Directly attributable		3,509			
32	Not directly attributable				-	
33	Total attributable to regulated service		3,509			
34						
35	Operating costs directly attributable		9,121			
36	Operating costs not directly attributable	-	-	-	-	-
37	Operational expenditure		9,121			
38						

Company Name **EA Networks**
 For Year Ended **31 March 2015**

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**

	(\$000)
40 Pass through and recoverable costs	
41 Pass through costs	
42 Directly attributable	420
43 Not directly attributable	
44 Total attributable to regulated service	420
45 Recoverable costs	
46 Directly attributable	8,094
47 Not directly attributable	
48 Total attributable to regulated service	8,094

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

		(\$000)	
		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 Rationale for change			

		(\$000)	
		CY-1	Current Year (CY)
60 Change in cost allocation 2			
61 Cost category			
62 Original allocator or line items			
63 New allocator or line items			
64		-	-
65 Rationale for change			

		(\$000)	
		CY-1	Current Year (CY)
69 Change in cost allocation 3			
70 Cost category			
71 Original allocator or line items			
72 New allocator or line items			
73		-	-
74 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 2015**

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
Subtransmission lines		
Directly attributable		12,452
Not directly attributable		
Total attributable to regulated service		12,452
Subtransmission cables		
Directly attributable		767
Not directly attributable		
Total attributable to regulated service		767
Zone substations		
Directly attributable		17,210
Not directly attributable		
Total attributable to regulated service		17,210
Distribution and LV lines		
Directly attributable		46,184
Not directly attributable		
Total attributable to regulated service		46,184
Distribution and LV cables		
Directly attributable		51,745
Not directly attributable		
Total attributable to regulated service		51,745
Distribution substations and transformers		
Directly attributable		37,801
Not directly attributable		
Total attributable to regulated service		37,801
Distribution switchgear		
Directly attributable		43,979
Not directly attributable		
Total attributable to regulated service		43,979
Other network assets		
Directly attributable		1,206
Not directly attributable		
Total attributable to regulated service		1,206
Non-network assets		
Directly attributable		15,005
Not directly attributable		
Total attributable to regulated service		15,005
Regulated service asset value directly attributable		226,349
Regulated service asset value not directly attributable		-
Total closing RAB value		226,349

5e(ii): Changes in Asset Allocations* †

		(\$000)	
		CY-1	Current Year (CY)
Change in asset value allocation 1			
Asset category			
Original allocator or line items			
New allocator or line items			
		-	-
Rationale for change			
Change in asset value allocation 2			
Asset category			
Original allocator or line items			
New allocator or line items			
		-	-
Rationale for change			
Change in asset value allocation 3			
Asset category			
Original allocator or line items			
New allocator or line items			
		-	-
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 compone
 † include additional rows if needed

Company Name **EA Networks**
 For Year Ended **31 March 2015**

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			3,738
9	System growth			3,608
10	Asset replacement and renewal			3,285
11	Asset relocations			365
12	Reliability, safety and environment:			
13	Quality of supply	3,341		
14	Legislative and regulatory	-		
15	Other reliability, safety and environment	237		
16	Total reliability, safety and environment			3,578
17	Expenditure on network assets			14,574
18	Expenditure on non-network assets			432
19				
20	Expenditure on assets			15,006
21	plus Cost of financing			
22	less Value of capital contributions			822
23	plus Value of vested assets			
24				
25	Capital expenditure			14,184
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			3,092
29	Research and development			
30	6a(iii): Consumer Connection			
31	<i>Consumer types defined by EDB*</i>		(\$000)	(\$000)
32	General		1,732	
33	Irrigation		1,772	
34	Industrial		234	
35	[EDB consumer type]			
36	[EDB consumer type]			
37	<i>* include additional rows if needed</i>			
38	Consumer connection expenditure			3,738
39	less Capital contributions funding consumer connection expenditure	670		
40	Consumer connection less capital contributions			3,069
41				
42	6a(iv): System Growth and Asset Replacement and Renewal			
43			System Growth	Asset Replacement and Renewal
44			(\$000)	(\$000)
45	Subtransmission	-		797
46	Zone substations	58		-
47	Distribution and LV lines	499		219
48	Distribution and LV cables	387		575
49	Distribution substations and transformers	1,853		1,356
50	Distribution switchgear	79		338
51	Other network assets	731		-
52	System growth and asset replacement and renewal expenditure	3,608		3,285
53	less Capital contributions funding system growth and asset replacement and renewal	-		7
54	System growth and asset replacement and renewal less capital contributions	3,608		3,278
55				
56	6a(v): Asset Relocations			
57	<i>Project or programme*</i>		(\$000)	(\$000)
58	[14035] SH1 Walnut Ave Intersection re-design (re-locate sub)		364	
59	[10038] Methven Highway 66kV UG		1	
60	[14026] SH1 UG conversion - Works Rd to Dromore		-	
61	[Description of material project or programme]			
62	[Description of material project or programme]			
63	<i>* include additional rows if needed</i>			
64	All other projects or programmes - asset relocations	-		
65	Asset relocations expenditure			365
66	less Capital contributions funding asset relocations	146		
67	Asset relocations less capital contributions			220

Company Name **EA Networks**
 For Year Ended **31 March 2015**

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

		(\$000)	(\$000)
68			
69	6a(vi): Quality of Supply		
70	<i>Project or programme*</i>		
71	[00180] AMP - 22kV Conversion Boundary Rd	12	
72	[10009] Rawles Crossing Road 22kV (4km)	156	
73	[10020] Dobson Street, Chalmers Ave to Willow Street UG	108	
74	[10021] South Street, Chalmers Ave to Willow Street UG	9	
	[10022] Dolma Street, Methven UG	352	
	[10024] 64 Middle Road to Belt Road UG	45	
	[10023] Carters Terrace, Grove Street UG	-	
	[10025] Albert Street - Adam Street UG	180	
	[10028] Chalmers Ave/Nelson Street, Havelock Street to Eaton Street UG	12	
	[10029] Hoods Road/Pattons Road/Ashburton Gorge Road, Mt Somers UG	737	
	[10032] Methven Highway UG	(0)	
	[10033] Digbys Bridge UG	131	
	[10063] Northern 66kV Ring Protection Upgrade	40	
	[10074] Lauriston Protection	104	
	[10076] Carew Protection and 66kV VTs	24	
	[15025] Elgin ZS Line Diff Protection	-	
	[15030] Wakanui ZS Line Protection	-	
	[15035] Overdale ZS Line Diff and BZ Protection	83	
	[15040] Methven ZS Line Diff and BZ Protection	-	
	[15045] HBK System Synchronising	-	
	[10077] Carew & Coldstream Battery Chargers	6	
	[10080] Methven 10MVA 11/22kV Transformer	200	
	[10082] Pendarves Building Design	122	
	[10085] Modify RMU for Reclose	136	
	[10087] 66kV Lightning Arrestors at Zone Subs	7	
	[10088] Additional RMUs	759	
	[10093] SCADA and Comms to Existing Sites	3	
	[10095] RMU Fault Detectors	88	
	[14018] AMP - Rakaia 22kV Security, Railway Tce	2	
	[Unbudgeted] All other quality of supply projects or programmes	6	
	[Brought forward forward] 22kV Conversion 2012 - Lagmhor (Stage 1	7	
	[13017] Janitza Harmonic Recorders	10	
	[13115] Replace/Reposition available NULE *3	-	
	[14040] 11kv Reconfiguration Morgan st & Alington St Methven	-	
	[Description of material project or programme]		
75			
76	<i>* include additional rows if needed</i>		
77	All other projects programmes - quality of supply		
78	Quality of supply expenditure		3,341
79	less Capital contributions funding quality of supply		
80	Quality of supply less capital contributions		3,341
81	6a(vii): Legislative and Regulatory		
82	<i>Project or programme*</i>		
83	[Description of material project or programme]		
84	[Description of material project or programme]		
85	[Description of material project or programme]		
86	[Description of material project or programme]		
87	[Description of material project or programme]		
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>		
97	[10094] Substation Security Monitoring	63	
	[90009] Unscheduled Other Reliability, Safety and Environment	147	
	[13014] New upgrade earthing sys comv & swgr	1	
99	[16004] Substation Surveillance Only	5	
100	<i>* include additional rows if needed</i>		
101	All other projects or programmes - other reliability, safety and environment	21	
102	Other reliability, safety and environment expenditure		237
103	less Capital contributions funding other reliability, safety and environment		

Company Name **EA Networks**
 For Year Ended **31 March 2015**

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

104	Other reliability, safety and environment less capital contributions			237
105				
106	6a(ix): Non-Network Assets			
107	Routine expenditure			
108	Project or programme*	(\$000)		(\$000)
109	Other	12		
110	Vehicles	129		
111	Information Technology	54		
112	[Description of material project or programme]			
113	[Description of material project or programme]			
114	* include additional rows if needed			
115	All other projects or programmes - routine expenditure	54		
116	Routine expenditure			248
117	Atypical expenditure			
118	Project or programme*	(\$000)		(\$000)
119	Network Billing system	-		
120	99016 Back-up control Facilities at ex-Methuen Substation	-		
121	190025 Asset/works management software	20		
122	13024 GPS Vehicle Management, Radio Access Dispatching	70		
123	GIS Electricity Implementation	-		
124	* include additional rows if needed			
125	All other projects or programmes - atypical expenditure	94		
126	Atypical expenditure			184
127				
128	Expenditure on non-network assets			432

Company Name **EA Networks**
 For Year Ended **31 March 2015**

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	580	
9	Vegetation management	303	
10	Routine and corrective maintenance and inspection	409	
11	Asset replacement and renewal	984	
12	Network opex		2,276
13	System operations and network support	3,336	
14	Business support	3,509	
15	Non-network opex		6,845
16			
17	Operational expenditure		9,121
18	6b(ii): Subcomponents of Operational Expenditure (where known)		
19	Energy efficiency and demand side management, reduction of energy losses		-
20	Direct billing*		-
21	Research and development		-
22	Insurance		169
23	* Direct billing expenditure by suppliers that directly bill the majority of their consumers		

Company Name	EA Networks
For Year Ended	31 March 2015

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

7(i): Revenue		Target (\$000) ¹	Actual (\$000)	% variance
7				
8	Line charge revenue	37,404	40,514	8%
7(ii): Expenditure on Assets		Forecast (\$000) ²	Actual (\$000)	% variance
9				
10	Consumer connection	3,763	3,738	(1%)
11	System growth	3,423	3,608	5%
12	Asset replacement and renewal	4,883	3,285	(33%)
13	Asset relocations	431	365	(15%)
14	Reliability, safety and environment:			
15	Quality of supply	1,724	3,341	94%
16	Legislative and regulatory	11	–	(100%)
17	Other reliability, safety and environment	567	237	(58%)
18	Total reliability, safety and environment	2,302	3,578	55%
19	Expenditure on network assets	14,802	14,574	(2%)
20	Expenditure on non-network assets	1,878	432	(77%)
21	Expenditure on assets	16,680	15,006	(10%)
7(iii): Operational Expenditure				
22				
23	Service interruptions and emergencies	722	580	(20%)
24	Vegetation management	265	303	14%
25	Routine and corrective maintenance and inspection	604	409	(32%)
26	Asset replacement and renewal	721	984	36%
27	Network opex	2,312	2,276	(2%)
28	System operations and network support	2,538	3,336	31%
29	Business support	4,224	3,509	(17%)
30	Non-network opex	6,762	6,845	1%
31	Operational expenditure	9,074	9,121	1%
7(iv): Subcomponents of Expenditure on Assets (where known)				
32				
33	Energy efficiency and demand side management, reduction of energy losses		–	–
34	Overhead to underground conversion	2,324	3,092	33%
35	Research and development		–	–
36				
7(v): Subcomponents of Operational Expenditure (where known)				
37				
38	Energy efficiency and demand side management, reduction of energy losses		–	–
39	Direct billing		–	–
40	Research and development		–	–
41	Insurance	194	169	(13%)
42				

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 2015
Network / Sub-Network	Total Network

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(j): Billed Quantities by Price Component

Billed quantities by price component

Consumer group name or price category code	Type or types (eg residential, commercial)	Standard or non-standard consumer group (specify)	Average no. of ICPs in disclosure year	Energy delivered to ICPs in disclosure year (MWh)	Unit charging basis (eg, days, kW of demand, kVA of capacity, etc.)	Price component																			
						General Supply	Uncontrolled Energy	Controlled Off Peak Energy	Night Boost 10	Night Rate	Under Verandah	Floodlight	Export kWh	Generation Credit	Connected kW	Connected kW	Industrial MD	Industrial Peak MD	Industrial Anytime MD	Industrial Energy	Large User Fixed	Large User MD	Large User Connected kW	Large User Energy	Streetlighting
						per day	per kWh	per kWh	per kWh	per kWh	per day	per day	per kWh	per kWh	per kW day	per kW	per kVA per month	per kVA per month	per kVA per month	per kWh	per month	per kVA per month	per kW day	per kWh	per fitting per day
General Supply - 20 kVA	General	Standard	14,453	120,816		14,567	87,278,170	29,156,811	863,542	4,550,240	18	5	51,208	25,759	-	-	-	-	-	-	-	-	-	-	-
General Supply - 50 kVA	General	Standard	1,493	38,752		1,497	35,765,207	2,363,506	68,768	885,438	7	4	2,555	100	-	-	-	-	-	-	-	-	-	-	-
General Supply - 100 kVA	General	Standard	632	58,414		636	57,947,597	607,710	7,449	349,975	3	2	503	-	-	-	-	-	-	-	-	-	-	-	-
General Supply - 150 kVA	General	Standard	227	35,278		225	34,972,327	463,381	-	144,045	1	-	13,818	12,091	-	-	-	-	-	-	-	-	-	-	-
General Supply - less than 5 kVA	General	Standard	43	0		43	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Irrigation	Irrigation	Standard	1,511	253,707		-	255,874,723	-	-	-	-	-	-	-	129,741	10,593	-	-	-	-	-	-	-	-	-
Industrial 400V Supply - kVA	Industrial	Standard	41	54,156		-	-	-	-	-	-	1	-	-	-	-	11,434	-	-	-	54,619,093	-	-	-	-
Direct Supply - Day Demand	Industrial	Standard	1	1,368		-	-	-	-	-	-	-	-	-	-	-	281	-	288	1,379,670	-	-	-	-	
Direct Supply - Peak Demand	Industrial	Standard	3	1,708		-	-	-	-	-	-	-	-	-	-	-	575	822	1,722,765	-	-	-	-	-	
CHP	Large User	Standard	1	32,463		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	6,444	-	32,463,487	
Silver Fern Farms	Large User	Standard	1	12,902		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3,032	-	12,902,134	
Mt Huft Ski Area	Large User	Standard	1	2,437		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,088	-	2,436,657	
Highbank Generation	Generation	Standard	1	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	18,148	-	92,673,118	
Montalto Generation	Generation	Standard	1	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,464	-	10,164,197	
Cleardale Generation	Generation	Standard	1	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	694	-	3,257,807	
Highbank Pumps	Large User	Standard	1	9,517		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,649	9,600	
Street Lighting	Lighting	Standard	9	1,589		-	593	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,062	
<i>Add extra rows for additional consumer groups or price category codes as necessary</i>																									
Standard consumer totals						16,968	471,838,626	32,591,407	939,759	5,929,698	29	11	68,084	37,950	129,741	10,593	11,715	575	1,110	57,721,528	6	36,519	9,600	163,414,713	3,062
Non-standard consumer totals						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total for all consumers						16,968	471,838,626	32,591,407	939,759	5,929,698	29	11	68,084	37,950	129,741	10,593	11,715	575	1,110	57,721,528	6	36,519	9,600	163,414,713	3,062

Company Name	EA Networks
For Year Ended	31 March 2015
Network / Sub-Network	Total Network

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	Type or types (eg residential, commercial)	Standard or non-standard consumer group (specify)	Charge revenue in disclosure year	Revenue foregone from posted discounts (if applicable)	Total distribution line charge revenue	Total transmission line charge revenue (if available)	Price component	General Supply	Uncontrolled Energy	Controlled Off Peak Energy	Night Boost 10	Night Rate	Under Verandah	Floodlight	Export kWh	Generation Credit	Connected kW	Connected kW	Industrial MD	Industrial Peak MD	Industrial Anytime MD	Industrial Energy	Large User Fixed	Large User MD	Large User Connected kW	Large User Energy	Streetlighting			
								per day	per kWh	per kWh	per kWh	per kWh	per day	per day	per kWh	per kWh	per kW day	per kW	per kVA per month	per kVA per month	per kVA per month	per kWh	per month	per kVA per month	per kW day	per kWh	per fitting per day			
General Supply - 20 kVA	General	Standard	\$9,272		\$9,272			\$798	\$7,952	\$507	\$15		\$2	\$1																
General Supply - 50 kVA	General	Standard	\$3,467		\$3,467			\$164	\$3,260	\$41	\$1		\$1	\$0																
General Supply - 100 kVA	General	Standard	\$5,428		\$5,428			\$139	\$5,277	\$11	\$0		\$0	\$0																
General Supply - 150 kVA	General	Standard	\$3,270		\$3,270			\$74	\$3,189	\$8			\$0																	
General Supply - less than 5 kVA	General	Standard	\$9		\$9			\$9	\$0																					
Irrigation		Standard	\$15,007		\$15,007				\$0								\$15,855	(\$847)												
Industrial 400V Supply - kVA	Industrial	Standard	\$1,800		\$1,800									\$0					\$1,800											
Direct Supply - Day Demand	Industrial	Standard	\$44		\$44															\$44										
Direct Supply - Peak Demand	Industrial	Standard	\$114		\$114																\$36	\$78								
CMP	Large User	Standard	\$646		\$646																		\$243	\$404						
Silver Fern Farms	Large User	Standard	\$222		\$222																			\$33	\$190					
MT Huft Ski Area	Large User	Standard	\$197		\$197																				\$129	\$68				
Highbank Generation	Generation	Standard	\$386		\$386																									
Montalto Generation	Generation	Standard	\$34		\$34																					\$34				
Cleardale Generation	Generation	Standard	\$31		\$31																					\$31				
Highbank Pumps	Large User	Standard	\$324		\$324																							\$324		
Street Lighting	Lighting	Standard	\$261		\$261																							\$261		
Add extra rows for additional consumer groups or price category codes as necessary								\$1,184	\$19,679	\$567	\$16		\$3	\$1				(\$3)	\$15,855	(\$847)	\$1,844	\$36	\$78			\$856	\$662	\$324		\$261
Standard consumer totals					\$40,514																									
Non-standard consumer totals																														
Total for all consumers					\$40,514			\$1,184	\$19,679	\$567	\$16		\$3	\$1				(\$3)	\$15,855	(\$847)	\$1,844	\$36	\$78			\$856	\$662	\$324		\$261

8(iii): Number of ICPs directly billed
 Number of directly billed ICPs at year end:

Company Name	EA Networks
For Year Ended	31 March 2015
Network / Sub-network Name	Total Network

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
					year (quantity)	year (quantity)		(1-4)
8	All	Overhead Line	Concrete poles / steel structure	No.	2,690	2,670	(20)	4
9	All	Overhead Line	Wood poles	No.	26,817	26,716	(101)	4
10	All	Overhead Line	Other pole types	No.	-	-	-	N/A
11	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	390	390	(0)	4
12	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	-	-	-	N/A
13	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	7	7	(0)	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.	23	24	1	3
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.	48	48	-	3
26	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	69	129	60	3
27	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	28	29	1	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.	36	36	-	3
31	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	169	169	-	3
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	-	-	-	N/A
33	HV	Zone Substation Transformer	Zone Substation Transformers	No.	28	28	-	3
34	HV	Distribution Line	Distribution OH Open Wire Conductor	km	1,999	1,994	(5)	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	181	196	15	3
38	HV	Distribution Cable	Distribution UG PILC	km	4	4	0	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.	28	28	-	3
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	-	-	-	N/A
42	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	8,396	7,737	(659)	2
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	161	174	13	2
44	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	367	398	31	3
45	HV	Distribution Transformer	Pole Mounted Transformer	No.	4,761	4,747	(14)	3
46	HV	Distribution Transformer	Ground Mounted Transformer	No.	1,950	2,101	151	3
47	HV	Distribution Transformer	Voltage regulators	No.	3	3	-	3
48	HV	Distribution Substations	Ground Mounted Substation Housing	No.	320	365	45	2
49	LV	LV Line	LV OH Conductor	km	102	101	(1)	2
50	LV	LV Cable	LV UG Cable	km	307	320	13	3
51	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	264	272	8	3
52	LV	Connections	OH/UG consumer service connections	No.	18,684	19,027	343	3
53	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	143	145	2	1
54	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	1	1	-	2
55	All	Capacitor Banks	Capacitors including controls	No.	-	-	-	N/A
56	All	Load Control	Centralised plant	Lot	3	3	-	3
57	All	Load Control	Relays	No.	327	343	16	1
58	All	Civils	Cable Tunnels	km	-	-	-	N/A

Company Name	EA Networks
For Year Ended	31 March 2015
Network / Sub-network Name	Total Network

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)	Overhead (km)	Underground (km)
11	> 66kV	–	–
12	50kV & 66kV	285	2
13	33kV	104	5
14	SWER (all SWER voltages)	–	–
15	22kV (other than SWER)	1,150	48
16	6.6kV to 11kV (inclusive—other than SWER)	845	152
17	Low voltage (< 1kV)	101	320
18	Total circuit length (for supply)	2,485	527
19			
20	Dedicated street lighting circuit length (km)	35	236
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)		–
22			
23	Overhead circuit length by terrain (at year end)	Circuit length (km)	(% of total overhead length)
24	Urban	116	5%
25	Rural	2,314	93%
26	Remote only	55	2%
27	Rugged only	–	–
28	Remote and rugged	–	–
29	Unallocated overhead lines	–	–
30	Total overhead length	2,485	100%
31			
32		Circuit length (km)	(% of total circuit length)
33	Length of circuit within 10km of coastline or geothermal areas (where known)	467	16%
34		Circuit length (km)	(% of total overhead length)
35	Overhead circuit requiring vegetation management	2,485	100%

Company Name **EA Networks**
 For Year Ended **31 March 2015**

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 on Orion Network	13	17
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			

* 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 2015
Network / Sub-network Name	Total Network

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			
11	Consumer types defined by EDB*		Number of connections (ICPs)
12	General	291	
13	Irrigation	40	
14	Industrial	1	
15	Large User	-	
16	* include additional rows if needed		
17	Connections total	332	
18			
19	Distributed generation		
20	Number of connections made in year	48	connections
21	Capacity of distributed generation installed in year	0.18	MVA
22	9e(ii): System Demand		
23			
24			
25	Maximum coincident system demand		Demand at time of maximum coincident demand (MW)
26	GXP demand	167	
27	plus Distributed generation output at HV and above	1	
28	Maximum coincident system demand	168	
29	less Net transfers to (from) other EDBs at HV and above	(0)	
30	Demand on system for supply to consumers' connection points	168	
31	Electricity volumes carried		Energy (GWh)
32	Electricity supplied from GXPs	568	
33	less Electricity exports to GXPs	8	
34	plus Electricity supplied from distributed generation	106	
35	less Net electricity supplied to (from) other EDBs	(0)	
36	Electricity entering system for supply to consumers' connection points	666	
37	less Total energy delivered to ICPs	623	
38	Electricity losses (loss ratio)	43	6.5%
39			
40	Load factor	0.45	
41	9e(iii): Transformer Capacity		
42			(MVA)
43	Distribution transformer capacity (EDB owned)	526	
44	Distribution transformer capacity (Non-EDB owned, estimated)	13	
45	Total distribution transformer capacity	539	
46			
47	Zone substation transformer capacity	325	

Company Name	EA Networks
For Year Ended	31 March 2015
Network / Sub-network Name	Total Network

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)	167	
12	Class C (unplanned interruptions on the network)	289	
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)		
18	Class I (interruptions caused by parties not included above)		
19	Total	456	
20			
21	Interruption restoration	≤3Hrs	>3hrs
22	Class C interruptions restored within	239	50
23			
24	SAIFI and SAIDI by class	SAIFI	SAIDI
25	Class A (planned interruptions by Transpower)		
26	Class B (planned interruptions on the network)	0.28	66.7
27	Class C (unplanned interruptions on the network)	1.78	131.5
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)		
33	Class I (interruptions caused by parties not included above)		
34	Total	2.05	198.2
35			
36	Normalised SAIFI and SAIDI	Normalised SAIFI	Normalised SAIDI
37	Classes B & C (interruptions on the network)	1.84	188.6
38			
39	Quality path normalised reliability limit	SAIFI reliability limit	SAIDI reliability limit
40	SAIFI and SAIDI limits applicable to disclosure year*	2.00	222.1
41	* not applicable to exempt EDBs		

Company Name	EA Networks
For Year Ended	31 March 2015
Network / Sub-network Name	Total Network

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	0.07	5.4
Vegetation	0.28	22.4
Adverse weather	0.05	4.3
Adverse environment	0.02	1.1
Third party interference	0.24	32.9
Wildlife		
Human error	0.03	0.0
Defective equipment	0.89	53.8
Cause unknown	0.20	11.5

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

Main equipment involved	SAIFI	SAIDI
Subtransmission lines	0.02	4.9
Subtransmission cables		
Subtransmission other		
Distribution lines (excluding LV)	0.16	42.8
Distribution cables (excluding LV)	0.09	19.0
Distribution other (excluding LV)		

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

Main equipment involved	SAIFI	SAIDI
Subtransmission lines	0.26	16.5
Subtransmission cables	0.26	13.1
Subtransmission other		
Distribution lines (excluding LV)	1.08	78.3
Distribution cables (excluding LV)	0.12	20.8
Distribution other (excluding LV)	0.06	2.8

10(v): Fault Rate

Main equipment involved	Number of Faults	Circuit length (km)	Fault rate (faults per 100km)
Subtransmission lines	12	389	3.08
Subtransmission cables	1	7	14.29
Subtransmission other	-		
Distribution lines (excluding LV)	351	1,995	17.59
Distribution cables (excluding LV)	3	200	1.50
Distribution other (excluding LV)	4		
Total	371		