



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

Company Name	EA Networks
Disclosure Date	28 August 2013
Disclosure Year (year ended)	31 March 2013

Templates for Schedules 1–10
Template Version 2.0. Prepared 21 December 2012

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Company Name	EA Networks
For Year Ended	31 March 2013

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.

sch ref

7	1(i): Expenditure metrics				
8					
9	Operational expenditure	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)
10	Network	14,077	432	50,083	2,586
11	Non-network	3,207	98	11,408	589
12		10,870	334	38,675	1,997
13	Expenditure on assets				Expenditure per MVA of capacity from EDB-owned distribution transformers (\$/MVA)
14	Network	45,796	1,407	162,932	8,413
15	Non-network	27,228	836	96,873	5,002
16		18,567	570	66,059	3,411
17	1(ii): Revenue metrics				
18					
19	Total consumer line charge revenue	Revenue per GWh energy delivered to ICPs (\$/GWh)	Revenue per average no. of ICPs (\$/ICP)		
20	Standard consumer line charge revenue	63,605	1,954		
21	Non-standard consumer line charge revenue	-	-		
22					
23	1(iii): Service intensity measures				
24					
25	Demand density	52			<i>Maximum coincident system demand per km circuit length (for supply) (kW/km)</i>
26	Volume density	184			<i>Total energy delivered to ICPs per km circuit length (for supply) (MWh/km)</i>
27	Connection point density	6			<i>Average number of ICPs per km circuit length (for supply) (ICPs/km)</i>
28	Energy intensity	30,716			<i>Total energy delivered to ICPs per Average number of ICPs (kWh/ICP)</i>
29					
30					
31	1(iv): Composition of regulatory income				
32					
33		(\$000)	% of revenue		
34	Operational expenditure	7,665	22.92%		
35	Pass-through and recoverable costs	6,705	20.05%		
36	Total depreciation	6,655	19.90%		
37	Total revaluation	1,621	4.85%		
38	Regulatory tax allowance	2,077	6.21%		
39	Regulatory profit/loss	11,968	35.78%		
40	Total regulatory income	33,448			
41	1(v): Reliability				
42					
43	Interruption rate	12.96			Interruptions per 100 circuit km

Company Name	EA Networks
For Year Ended	31 March 2013

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.

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		CY-2	CY-1	Current Year CY
		31 Mar 11	31 Mar 12	31 Mar 13
		%	%	%
7	2(i): Return on Investment			
8				
9	Post tax WACC			
10	ROI—comparable to a post tax WACC	-	5.25%	5.03%
11				
12	Mid-point estimate of post tax WACC			
13	25th percentile estimate	-	6.40%	5.85%
14	75th percentile estimate	-	5.68%	5.13%
15				
16				
17	Vanilla WACC			
18	ROI—comparable to a vanilla WACC	-	5.54%	5.81%
19				
20	Mid-point estimate of vanilla WACC			
21	25th percentile estimate	-	7.22%	6.62%
22	75th percentile estimate	-	6.51%	5.91%
23				
24	2(ii): Information Supporting the ROI			
25				
26	Total opening RAB value	190,501		
27	plus Opening deferred tax	(2,960)		
28	Opening RIV		187,541	
29				
30	Operating surplus / (deficit)	19,078		
31	less Regulatory tax allowance	2,077		
32	less Assets commissioned	23,974		
33	plus Asset disposals	1,610		
34	Notional net cash flows		(5,362)	
35				
36	Total closing RAB value	207,829		
37	less Adjustment resulting from asset allocation	(2)		
38	less Lost and found assets adjustment	-		
39	plus Closing deferred tax	(3,876)		
40	Closing RIV		203,955	
41				
42	ROI—comparable to a vanilla WACC		0.06	
43				
44	Leverage (%)		44%	
45	Cost of debt assumption (%)		6.31%	
46	Corporate tax rate (%)		28.00%	
47				
48	ROI—comparable to a post tax WACC		0.05	

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SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

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

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2(iii): Information Supporting the Monthly ROI

Cash flows	(\$000)						Notional net cash flows
	Total regulatory income	Expenses	Tax payments	Assets commissioned	Asset disposals		
April	2,673	1,161	-	284	126	1,354	
May	2,905	1,379	692	2,124	126	(1,165)	
June	2,760	1,236	-	638	126	1,012	
July	3,056	1,332	-	1,338	126	512	
August	3,328	1,245	692	397	126	1,119	
September	2,914	1,230	-	1,155	126	654	
October	2,998	1,294	-	612	126	1,218	
November	2,846	1,225	-	456	126	1,291	
December	2,819	1,413	-	440	126	1,091	
January	3,000	1,106	692	525	126	802	
February	2,691	1,225	-	13,087	126	(11,495)	
March	2,965	524	-	2,917	126	(350)	
Total	34,955	14,370	2,077	23,973	1,507	(3,958)	

	Opening / closing RAB	Adjustment resulting from asset allocation	Lost and found assets adjustment	Opening / closing deferred tax	Revenue related working capital	Total
Monthly ROI - opening RIV	190,501			(2,960)	2,594	190,135
Monthly ROI -closing RIV	207,829	(2)	-	(3,876)	2,965	206,916
Monthly ROI -closing RIV less term credit spread differential allowance						206,916
Monthly ROI—comparable to a vanilla WACC						0.07
Monthly ROI—comparable to a post-tax WACC						0.06

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

Year-end ROI—comparable to a vanilla WACC	0.06
Year-end ROI—comparable to a post-tax WACC	0.05

* 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.

Company Name **EA Networks**
 For Year Ended **31 March 2013**

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 3(i), 3(iv) and 3(v) and must provide explanatory comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes).

Non-exempt EDBs must also complete sections 3(ii) and 3(iii).

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3(i): Regulatory Profit		(\$000)
7	Income	
8	Line charge revenue	34,633
9	plus Gains / (losses) on asset disposals	(1,507)
10	plus Other regulated income (other than gains / (losses) on asset disposals)	322
11		
12		
13	Total regulatory income	33,448
14	Expenses	
15	less Operational expenditure	7,665
16		
17	less Pass-through and recoverable costs	6,705
18		
19	Operating surplus / (deficit)	19,078
20		
21	less Total depreciation	6,655
22		
23	plus Total revaluation	1,621
24		
25	Regulatory profit / (loss) before tax & term credit spread differential allowance	14,045
26		
27	less Term credit spread differential allowance	-
28		
29	Regulatory profit / (loss) before tax	14,045
30		
31	less Regulatory tax allowance	2,077
32		
33	Regulatory profit / (loss)	11,968
34		
35	3(ii): Pass-Through and Recoverable Costs	(\$000)
36	Pass-through costs	
37	Rates	139
38	Commerce Act levies	83
39	Electricity Authority levies	79
40	Other specified pass-through costs	-
41	Recoverable costs	
42	Net recoverable costs allowed under incremental rolling incentive scheme	-
43	Non-exempt EDB electricity lines service charge payable to Transpower	4,744
44	Transpower new investment contract charges	776
45	System operator services	13
46	Avoided transmission charge	871
47	Input Methodology claw-back	-
48	Recoverable customised price-quality path costs	-
49	Pass-through and recoverable costs	6,705

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sch ref

		(\$000)	
		CY-1	CY
		31 March 2012	31 March 2013
57	3(iii): Incremental Rolling Incentive Scheme		
58			
59			
60	Allowed controllable opex	-	-
61	Actual controllable opex	-	-
62			
63	Incremental change in year		-
64			
65			
66	CY-5 31 Mar 08	-	-
67	CY-4 31 Mar 09	-	-
68	CY-3 31 Mar 10	-	-
69	CY-2 31 Mar 11	-	-
70	CY-1 31 Mar 12	-	-
71	Net incremental rolling incentive scheme		-
72			
73	Net recoverable costs allowed under incremental rolling incentive scheme		-
74	3(iv): Merger and Acquisition Expenditure		
75	Merger and acquisition expenses		-
76			
77	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)		
78	3(v): Other Disclosures		
79	Self-insurance allowance		-

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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(i): Regulatory Asset Base Value (Rolled Forward)

	RAB CY-4 (\$000)	RAB CY-3 (\$000)	RAB CY-2 (\$000)	RAB CY-1 (\$000)	RAB CY (\$000)
Total opening RAB value		158,439	168,994	183,644	190,501
less Total depreciation		5,849	6,274	7,157	6,655
plus Total revaluations	-	3,232	4,070	2,849	1,621
plus Assets commissioned	-	14,297	17,595	12,490	23,974
less Asset disposals	-	1,125	741	1,325	1,610
plus Lost and found assets adjustment	-	-	-	-	-
plus Adjustment resulting from asset allocation	-	-	-	-	(2)
Total closing RAB value		168,994	183,644	190,501	207,829

4(ii): Unallocated Regulatory Asset Base

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
Total opening RAB value		190,501		190,501
less Total depreciation		6,655		6,655
plus Total revaluations		1,621		1,621
plus Assets commissioned (other than below)	13,511		13,511	
Assets acquired from a regulated supplier	-		-	
Assets acquired from a related party	10,463		10,463	
Assets commissioned		23,974		23,974
less Asset disposals (other than below)	1,610		1,610	
Asset disposals to a regulated supplier	-		-	
Asset disposals to a related party	-		-	
Asset disposals		1,610		1,610
plus Lost and found assets adjustment		(2)		-
plus Adjustment resulting from asset allocation				(2)
Total closing RAB value		207,830		207,829

* 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 non-regulated services. The RAB value represents the value of these assets after applying this cost allocation. Neither value includes works under construction.

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

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

58			
59			
60	CPI _t		1,174
61	CPI _{t-4}		1,164
62	Revaluation rate (%)		0.86%

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
65	Total opening RAB value	190,501	190,501	
66	less Opening RAB value of fully depreciated, disposed and lost assets	1,802	1,802	
67				
68	Total opening RAB value subject to revaluation	188,699	188,699	
69	Total revaluations		1,621	1,621

4(iv): Roll Forward of Works Under Construction

	Unallocated works under construction		Allocated works under construction	
73				
74	Works under construction—preceding disclosure year			
75	plus Capital expenditure	24,591	24,591	3,751
76	less Assets commissioned	23,974	23,974	
77	plus Adjustment resulting from asset allocation			
78	Works under construction - current disclosure year		4,368	4,368
79				
80	Highest rate of capitalised finance applied			5.05%

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

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4(v): Regulatory Depreciation

Depreciation - standard
 Depreciation - no standard life assets
 Depreciation - modified life assets
 Depreciation - alternative depreciation in accordance with CPP
Total depreciation

Unallocated RAB *		RAB	
(\$000)	(\$000)	(\$000)	(\$000)
6,655	-	6,655	-
-	-	-	-
-	-	-	-
-	-	-	-
6,655		6,655	

4(vi): Disclosure of Changes to Depreciation Profiles

(\$000 unless otherwise specified)

Asset or assets with changes to depreciation*	
	0
	0
	0
	0
	0
	0
	0
	0
	0

* include additional rows if needed

Reason for non-standard depreciation (text entry)	Closing RAB value		
	Depreciation charge for the period (RAB)	under 'non-standard' depreciation	Closing RAB value under 'standard' depreciation
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-

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
Total opening RAB value	9,645	902	17,830	49,056	42,252	27,448	36,142	380	6,846	190,501
less Total depreciation	251	27	531	1,737	1,019	970	1,267	16	837	6,655
plus Total revaluations	82	8	154	416	359	235	307	2	58	1,621
plus Assets commissioned	411	-	-	1,220	4,822	2,993	4,411	322	9,795	23,974
less Asset disposals	1	-	63	589	402	103	452	-	-	1,610
plus Lost and found assets adjustment	-	-	-	-	-	-	-	-	-	-
plus Adjustment resulting from asset allocation	-	-	-	-	-	-	-	-	(2)	(2)
plus Asset category transfers	-	-	-	-	-	-	-	-	-	-
Total closing RAB value	9,886	883	17,390	48,366	46,012	29,603	39,141	688	15,860	207,829
Asset Life										
Weighted average remaining asset life	32.5	35.2	33.4	38.8	45.3	34.8	32.7	17.8	23.3	(years)
Weighted average expected total asset life	46.4	54.8	40.5	45.0	55.1	45.0	40.7	21.1	25.9	(years)

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 2.8.

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		(\$000)
7	5a(i): Regulatory Tax Allowance	
8	Regulatory profit / (loss) before tax	14,045
9		
10	<i>plus</i> Income not included in regulatory profit / (loss) before tax but taxable	-
11	Expenditure or loss in regulatory profit / (loss) before tax but not deductible	-
12	Amortisation of initial differences in asset values	2,252
13	Amortisation of revaluations	343
14		2,595
15		
16	<i>less</i> Income included in regulatory profit / (loss) before tax but not taxable	-
17	Discretionary discounts and consumer rebates	4,015
18	Expenditure or loss deductible but not in regulatory profit / (loss) before tax**	-
19	Notional deductible interest	5,207
20		9,222
21		
22	Regulatory taxable income	7,417
23		
24	<i>less</i> Utilised tax losses	-
25	Regulatory net taxable income	7,417
26		
27	Corporate tax rate (%)	28%
28	Regulatory tax allowance	2,077

* Workings to be provided in Schedule 14
 ** Excluding discretionary discounts and consumer rebates

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).

		(\$000)
34	5a(iii): Amortisation of Initial Difference in Asset Values	
35		
36	Opening unamortised initial differences in asset values	76,636
37	Amortisation of initial differences in asset values	2,252
38	Adjustment for unamortised initial differences in assets acquired	-
39	Adjustment for unamortised initial differences in assets disposed	1,198
40	Closing unamortised initial differences in asset values	73,186
41		
42	Opening weighted average remaining asset life (years)	34

		(\$000)
43	5a(iv): Amortisation of Revaluations	
44		
45	Opening Sum of RAB values without revaluations	180,869
46		
47	Adjusted depreciation	6,312
48	Total depreciation	6,655
49	Amortisation of revaluations	343

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57	5a(v): Reconciliation of Tax Losses		(\$000)
58			
59	Opening tax losses	-	
60	plus Current period tax losses	-	
61	less Utilised tax losses	-	
62	Closing tax losses		-

63	5a(vi): Calculation of Deferred Tax Balance		(\$000)
64			
65	Opening deferred tax	(2,960)	
66			
67	plus Tax effect of adjusted depreciation	1,767	
68			
69	less Tax effect of total tax depreciation	2,263	
70			
71	plus Tax effect of other temporary differences*	2	
72			
73	less Tax effect of amortisation of initial differences in asset values	631	
74			
75	plus Deferred tax balance relating to assets acquired in the disclosure year	208	
76			
77	less Deferred tax balance relating to assets disposed in the disclosure year	-	
78			
79	plus Deferred tax cost allocation adjustment	-	
80			
81	Closing deferred tax		(3,876)
82			

83 **5a(vii): Disclosure of Temporary Differences**
 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).
 84
 85

86	5a(viii): Regulatory Tax Asset Base Roll-Forward		(\$000)
87			
88	Opening sum of regulatory tax asset values	91,918	
89	less Tax depreciation	8,083	
90	plus Regulatory tax asset value of assets commissioned	23,974	
91	less Regulatory tax asset value of asset disposals	972	
92	plus Lost and found assets adjustment	-	
93	plus Other adjustments to the RAB tax value	-	
94	Closing sum of regulatory tax asset values		106,837

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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.

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5b(i): Summary—Related Party Transactions

	(\$000)
Total regulatory income	1
Operational expenditure	2,453
Capital expenditure	10,441
Market value of asset disposals	-
Other related party transactions	-

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

Name of related party	Related party relationship			
Ashburton District Council	Significant shareho	-	-	-
EA Network contracting	Contracting arm of	-	-	-
EA Network fibre	Fibre arm of EA Net	-	-	-
-	-	-	-	-
-	-	-	-	-

* include additional rows if needed

5b(iii): Related Party Transactions

Name of related party	Related party transaction type	Description of transaction	Value of transaction (\$000)	Basis for determining value
Ashburton District Council	Opex	Rates	139	Market Value
Ashburton District Council	Opex	lease of land	41	Market Value
Ashburton District Council	Opex	Sundry Items	2	Market Value
Ashburton District Council	Sales	Sundry Items	1	Market Value
Ashburton District Council	Capex	Refund of Building consent	-22	Market Value
	[Select one]			
EA network fibre	Opex	Use of communication network	700	Directors certificate
EA network fibre	Opex	Use of staff	(32)	Directly attributable
	[Select one]			
EA Contracting	Opex	Maintenance & emergency response	1,603	Directly attributable
EA Contracting	Capex	Construction of network assets	10,463	Directly attributable
	[Select one]			
	[Select one]			
	[Select one]			
	[Select one]			

* include additional rows if needed

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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

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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							-	-	-

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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 2013**

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		507			
12	Not directly attributable	-	-	-	-	-
13	Total attributable to regulated service		507			
14	Vegetation management					
15	Directly attributable		196			
16	Not directly attributable	-	-	-	-	-
17	Total attributable to regulated service		196			
18	Routine and corrective maintenance and inspection					
19	Directly attributable		351			
20	Not directly attributable	-	-	-	-	-
21	Total attributable to regulated service		351			
22	Asset replacement and renewal					
23	Directly attributable		692			
24	Not directly attributable	-	-	-	-	-
25	Total attributable to regulated service		692			
26	System operations and network support					
27	Directly attributable		2,528			
28	Not directly attributable	-	-	-	-	-
29	Total attributable to regulated service		2,528			
30	Business support					
31	Directly attributable		2,937			
32	Not directly attributable	-	454	149	603	-
33	Total attributable to regulated service		3,391			
34						
35	Operating costs directly attributable		7,211			
36	Operating costs not directly attributable	-	454	149	603	-
37	Operating expenditure		7,665			

Company Name **EA Networks**
 For Year Ended **31 March 2013**

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

45	5d(ii): Other Cost Allocations	
46	Pass through and recoverable costs	
47	Pass through costs	
48	Directly attributable	301
49	Not directly attributable	-
50	Total attributable to regulated service	301
51	Recoverable costs	
52	Directly attributable	6,403
53	Not directly attributable	-
54	Total attributable to regulated service	6,403

56	5d(iii): Changes in Cost Allocations* †				
					(\$000)
				CY-1	Current Year (CY)
58	Change in cost allocation 1			31 Mar 12	31 Mar 13
59	Cost category	0	Original allocation	-	-
60	Original allocator or line items	0	New allocation	-	-
61	New allocator or line items	0	Difference	-	-
62					
63	Rationale for change				
64					
65				CY-1	Current Year (CY)
66	Change in cost allocation 2			31 Mar 12	31 Mar 13
67	Cost category		Original allocation		
68	Original allocator or line items		New allocation		
69	New allocator or line items		Difference	-	-
70					
71	Rationale for change				
72					
73				CY-1	Current Year (CY)
74	Change in cost allocation 3			31 Mar 12	31 Mar 13
75	Cost category		Original allocation		
76	Original allocator or line items		New allocation		
77	New allocator or line items		Difference	-	-
78					
79	Rationale for change				
80					

* 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.

† include additional rows if needed

Company Name **EA Networks**
 For Year Ended **31 March 2013**

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

7 5e(i): Regulated Service Asset Values

	Value allocated (\$000s) Electricity distribution services
Subtransmission lines	
Directly attributable	9,886
Not directly attributable	-
Total attributable to regulated service	9,886
Subtransmission cables	
Directly attributable	883
Not directly attributable	-
Total attributable to regulated service	883
Zone substations	
Directly attributable	17,390
Not directly attributable	-
Total attributable to regulated service	17,390
Distribution and LV lines	
Directly attributable	48,366
Not directly attributable	-
Total attributable to regulated service	48,366
Distribution and LV cables	
Directly attributable	46,012
Not directly attributable	-
Total attributable to regulated service	46,012
Distribution substations and transformers	
Directly attributable	29,603
Not directly attributable	-
Total attributable to regulated service	29,603
Distribution switchgear	
Directly attributable	39,141
Not directly attributable	-
Total attributable to regulated service	39,141
Other network assets	
Directly attributable	688
Not directly attributable	-
Total attributable to regulated service	688
Non-network assets	
Directly attributable	15,860
Not directly attributable	-
Total attributable to regulated service	15,860
Regulated service asset value directly attributable	207,829
Regulated service asset value not directly attributable	-
Total closing RAB value	207,829

57 5e(ii): Changes in Asset Allocations* †

		(\$000)	
		CY-1	Current Year (CY)
		31 Mar 12	31 Mar 13
Change in asset value allocation 1			
Asset category	0	-	-
Original allocator or line items	0	-	-
New allocator or line items	0	-	-
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 component.
 † include additional rows if needed

Company Name **EA Networks**
 For Year Ended **31 March 2013**

SCHEDULE 5h: REPORT ON TRANSITIONAL FINANCIAL INFORMATION

This schedule requires information on:

- the calculation of the initial RAB value for the EDB, as of 31 March 2009;
- how the initial RAB value has been rolled forward to 31 March 2011;
- a summary of revaluations,
- the value of works under construction, and
- regulatory tax.

EDBs must complete this schedule in relation to the year ending 31 March 2012, and at that time must provide explanatory comment in Schedule 14b (Explanatory Notes on Transitional Financial Information) on the tax effect of temporary differences disclosed in part 5h(vii) of this schedule.

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 Regulatory Asset Base Value

5h(i): Establishment of Initial Regulatory Asset Base Value

	Unallocated Initial RAB	
	(\$000)	(\$000)
2009 disclosed assets - 'Total Regulatory Asset Base Value (Excluding FDC)' as of 31 March 2009		154,717
2009 modified asset values (adjusted for results of asset adjustment process)		154,717
Adjustment to reinstate 2009 modified asset values to unallocated amounts		-
Unallocated 2009 modified asset values		154,717
<i>less</i> (to the extent included in row 13)		
Assets not used to supply electricity distribution services		(6)
Easement land		-
Non-qualifying intangible assets		-
Works under construction		-
Unallocated asset values excluded from unallocated 2009 modified asset values		(6)
<i>plus</i> FDC allowance of 2.45% (Network assets)		3,716
Unallocated initial RAB values		158,439

5h(ii): Roll forward of Unallocated Regulatory Asset Base Value - 2010, 2011 and 2012

	2010		2011		2012	
	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)
Total opening RAB value		158,439		168,994		183,644
<i>less</i>						
Total depreciation		5,849		6,274		7,157
<i>plus</i>						
Total revaluations		3,232		4,070		2,849
<i>plus</i>						
Assets commissioned (other than below)	7,361		5,291		539	
Assets acquired from a regulated supplier	-		-		-	
Assets acquired from a related party	6,936		12,305		11,951	
Assets commissioned		14,297		17,595		12,490
<i>less</i>						
Asset disposals (other than below)	1,125		741		1,325	
Assets disposed of to a regulated supplier	-		-		-	
Assets disposed of to a related party	-		-		-	
Asset disposals		1,125		741		1,325
<i>plus</i>						
Lost and found assets adjustment		1		-		1
Total closing RAB value		168,994		183,644		190,501

5h(iii): Calculation of Revaluation Rate and Indexed Revaluation

(\$000 unless otherwise specified)

	2010	2011	2012	
CPI at CPI reference date—preceding disclosure year	1,097	1,119	1,146	
CPI at CPI reference date—current disclosure year	1,119	1,146	1,164	
Revaluation rate (%)	2.05%	2.42%	1.57%	
Total opening RAB value	158,439	168,994	183,644	
<i>less</i> Opening RAB value of fully depreciated, disposed and lost assets	506	706	2,275	
Total opening RAB value subject to revaluation	157,933	168,288	181,370	
Total revaluations		3,232	4,070	2,849

5h(iv): Works Under Construction

	Unallocated works under construction		Allocated works under construction	
Works under construction—year ended 2009				
<i>plus</i> Capital expenditure—year ended 2010		19,103		19,103
<i>less</i> Assets commissioned—year ended 2010		14,297		14,297
<i>plus</i> Adjustment resulting from asset allocation—year ended 2010				-
Works under construction—year ended 2010		4,806		4,806
<i>plus</i> Capital expenditure—year ended 2011		15,126		15,126
<i>less</i> Assets commissioned—year ended 2011		17,595		17,595
<i>plus</i> Adjustment resulting from asset allocation—year ended 2011				-
Works under construction—year ended 2011		2,337		2,337
<i>plus</i> Capital expenditure—year ended 2012		13,904		13,904
<i>less</i> Assets commissioned—year ended 2012		12,490		12,490
<i>plus</i> Adjustment resulting from asset allocation—year ended 2012				-
Works under construction—year ended 2012		3,751		3,751

Company Name	EA Networks
For Year Ended	31 March 2013

SCHEDULE 5h: REPORT ON TRANSITIONAL FINANCIAL INFORMATION

This schedule requires information on:

- the calculation of the initial RAB value for the EDB, as of 31 March 2009;
- how the initial RAB value has been rolled forward to 31 March 2011;
- a summary of revaluations,
- the value of works under construction, and
- regulatory tax.

EDBs must complete this schedule in relation to the year ending 31 March 2012, and at that time must provide explanatory comment in Schedule 14b (Explanatory Notes on Transitional Financial Information) on the tax effect of temporary differences disclosed in part 5h(vii) of this schedule.

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)		
88				
89	5h(v): Initial Difference in Asset Values and Amortisation	2010		
90	Sum of initial RAB values	158,439		
91	Sum of regulatory tax asset values	72,984		
92	Sum of initial differences in asset values	85,455		
93				
94		2010	2011	2012
95	Opening unamortised initial differences in asset values	85,455	82,374	79,631
96	less Amortisation of initial difference in asset values	2,402	2,285	2,271
97	Adjustment for unamortised initial differences in assets acquired	-	-	-
98	Adjustment for unamortised initial differences in assets disposed	679	458	725
99	Closing unamortised initial differences in asset values	82,374	79,631	76,636
100				
101	Opening weighted average remaining asset life (years)	36	36	35
102				
103				
104				
105				
106				
107				
108				
109	5h(vi): Reconciliation of Tax Losses (EDB Business)	2010	2011	2012
110	Opening tax losses	-	-	-
111	plus Current period tax losses	-	-	-
112	less Utilised tax losses	-	-	-
113	Closing tax losses	-	-	-
114				
115	5h(vii): Calculation of Deferred Tax Balance	2010	2011	2012
116	Opening deferred tax	-	(1,163)	(2,067)
117				
118	plus Tax effect of adjusted depreciation	1,755	1,843	1,918
119				
120	plus Tax effect of total tax depreciation	(2,208)	(2,202)	(2,303)
121				
122	plus Tax effect of other temporary differences *	6	(26)	34
123				
124	less Tax effect of amortisation of initial differences in asset values	721	686	636
125				
126	plus Deferred tax balance relating to assets acquired in the disclosure year	5	15	94
127				
128	plus Deferred tax cost allocation adjustment	-	151	-
129				
130	Closing deferred tax	(1,163)	(2,067)	(2,960)
131	5h(viii): Disclosure of Temporary Differences			
132	In Schedule 14, provide descriptions and workings of items recorded in the asterisked category in Schedule 5h(vii) (Tax effect of other temporary differences).			
133	5h(ix): Regulatory Tax Asset Base Roll-Forward	(\$000)		
134	Sum of unallocated initial RAB values	158,439		
135	Sum of adjusted tax values	73,069		
136	Sum of tax asset values	73,069		
137	Result of asset allocation ratio	1		
138	Opening Sum of regulatory tax asset values	72,984	79,914	88,212
139	less Regulatory tax depreciation	7,360	7,339	8,225
140	plus Regulatory tax asset value of assets commissioned	14,297	17,595	12,490
141	less Regulatory tax asset value of asset disposals	7	1,958	559
142	plus Lost and found assets adjustment	-	-	-
143	plus Other adjustments to the RAB tax value	-	-	-
144	Closing sum of regulatory tax asset values	79,914	88,212	91,918

Company Name **EA Networks**
 For Year Ended **31 March 2013**

SCHEDULE 5i: REPORT ON INITIAL RAB ADJUSTMENT

Under clause 2.2.1 of the IM determination an EDB may undertake an asset adjustment process in setting their initial RAB.
 If the EDB has adjusted its RAB in accordance with clause 2.2.1 of the IM determination, it must complete this schedule when disclosing information relating to the year ending 31 March 2012.

sch ref

7	Summary of Engineer's Valuation Adjustments (at time asset enters regulatory asset register)						
8		2004 *	2005	2006	2007	2008	2009
9	Asset adjustment process - adjustments	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)
10	Include load control relays						
11							
12	Correct asset register errors for 2004 ODV assets						
13	[Insert details of asset or similar asset type]						
14	[Insert details of asset or similar asset type]						
15	[Insert details of asset or similar asset type]						
16							
17	Correct asset register errors for 2005 – 2009 assets						
18	[Insert details of asset or similar asset type]						
19	[Insert details of asset or similar asset type]						
20	[Insert details of asset or similar asset type]						
21							
22	Re-apply an existing multiplier to 2004 ODV assets						
23	[Insert details of asset or similar asset type]						
24	[Insert details of asset or similar asset type]						
25	[Insert details of asset or similar asset type]						
26							
27	Re-apply a modified multiplier to 2004 ODV assets						
28	[Insert details of asset or similar asset type]						
29	[Insert details of asset or similar asset type]						
30	[Insert details of asset or similar asset type]						
31							
32	Re-apply optimisation or EV tests to 2004 ODV assets						
33	[Insert details of asset or similar asset type]						
34	[Insert details of asset or similar asset type]						
35	[Insert details of asset or similar asset type]						
36							
37							
38	Total value of adjustments by disclosure year						

* Includes assets which first entered the regulatory asset register in a disclosure year prior to 2004.

Company Name **EA Networks**
 For Year Ended **31 March 2013**

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			4,694
9	System growth			6,112
10	Asset replacement and renewal			3,915
11	Asset relocations			-
12	Reliability, safety and environment:			
13	Quality of supply		-	
14	Legislative and regulatory		-	
15	Other reliability, safety and environment		105	
16	Total reliability, safety and environment			105
17	Expenditure on network assets			14,826
18	Non-network assets			10,110
19				
20	Expenditure on assets			24,936
21	plus Cost of financing			190
22	less Value of capital contributions			535
23	plus Value of vested assets			-
24				
25	Capital expenditure			24,591
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			3,605
29	Research and development			-
30	6a(iii): Consumer Connection		(\$000)	(\$000)
31	<i>Consumer types defined by EDB*</i>			
32	General		4,564	
33	Industrial		12	
34	Irrigation		85	
35	Large		33	
36			0	
37	<i>* include additional rows if needed</i>			
38	Consumer connection expenditure			4,694
39				
40	less Capital contributions funding consumer connection expenditure		535	
41	Consumer connection less capital contributions			4,159
42	6a(iv): System Growth and Asset Replacement and Renewal			
43			System Growth	Asset Replacement and Renewal
44			(\$000)	(\$000)
45	Subtransmission		-	-
46	Zone substations		-	-
47	Distribution and LV lines		2,163	298
48	Distribution and LV cables		587	3,612
49	Distribution substations and transformers		1,656	5
50	Distribution switchgear		1,694	-
51	Other network assets		12	-
52	System growth and asset replacement and renewal expenditure		6,112	3,915
53	less Capital contributions funding system growth and asset replacement and renewal		-	-
54	System growth and asset replacement and renewal less capital contributions		6,112	3,915
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 asset relocations projects or programmes			
65	Asset relocations expenditure			-
66	less Capital contributions funding asset relocations			
67	Asset relocations less capital contributions			-

Company Name **EA Networks**
 For Year Ended **31 March 2013**

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

75	6a(vi): Quality of Supply		
76	Project or programme*	(\$000)	(\$000)
77		-	-
78		-	-
79		-	-
80		-	-
81		-	-
82	<i>* include additional rows if needed</i>		
83	All other quality of supply projects or programmes		
84	Quality of supply expenditure		-
85	less Capital contributions funding quality of supply		-
86	Quality of supply less capital contributions		-
87	6a(vii): Legislative and Regulatory		
88	Project or programme*	(\$000)	(\$000)
89			
90			
91			
92			
93			
94	<i>* include additional rows if needed</i>		
95	All other legislative and regulatory projects or programmes		
96	Legislative and regulatory expenditure		-
97	less Capital contributions funding legislative and regulatory		-
98	Legislative and regulatory less capital contributions		-
99	6a(viii): Other Reliability, Safety and Environment		
100	Project or programme*	(\$000)	(\$000)
101	22kV Conversion	1	
102	Other	10	
103	Protection	42	
104	Small projects	52	
105		-	
106	<i>* include additional rows if needed</i>		
107	All other reliability, safety and environment projects or programmes		
108	Other reliability, safety and environment expenditure		105
109	less Capital contributions funding other reliability, safety and environment		-
110	Other reliability, safety and environment less capital contributions		105
111			
112	6a(ix): Non-Network Assets		
113	Routine expenditure		
114	Project or programme*	(\$000)	(\$000)
115	Communications	175	
116	Computer	38	
117	Computers	36	
118	Land	8	
	New Building	-	
	Other	43	
	vehicles	213	
	Consignment Stock	321	
120	<i>* include additional rows if needed</i>		
121	All other routine expenditure projects or programmes		
122	Routine expenditure		834
123	Atypical expenditure		
124	Project or programme*	(\$000)	(\$000)
125	New Building	8,210	
126	Software development	1,066	
127		0	
128		0	
129		0	
130	<i>* include additional rows if needed</i>		
131	All other atypical expenditure projects or programmes		
132	Atypical expenditure		9,276
133			

Company Name **EA Networks**
 For Year Ended **31 March 2013**

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

134	Non-network assets expenditure	10,110
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Company Name **EA Networks**
 For Year Ended **31 March 2013**

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

This schedule requires a breakdown of operating 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 operating 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	507	
9	Vegetation management	196	
10	Routine and corrective maintenance and inspection	351	
11	Asset replacement and renewal	692	
12	Network opex		1,746
13	System operations and network support	2,528	
14	Business support	3,391	
15	Non-network opex		5,919
16			
17	Operational expenditure		7,665
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		181
23	* Direct billing expenditure by suppliers that directly bill the majority of their consumers		

Company Name	EA Networks
For Year Ended	31 March 2013

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	7(i): Revenue			
8	Line charge revenue	34,007	34,633	2%
7(ii): Expenditure on Assets		Forecast (\$000) ²	Actual (\$000)	% variance
9	7(ii): Expenditure on Assets			
10	Consumer connection	4,041	4,694	16%
11	System growth	6,024	6,112	1%
12	Asset replacement and renewal	3,377	3,915	16%
13	Asset relocations	-	-	-
14	Reliability, safety and environment:			
15	Quality of supply	-	-	-
16	Legislative and regulatory	-	-	-
17	Other reliability, safety and environment	363	105	(71%)
18	Total reliability, safety and environment	363	105	(71%)
19	Expenditure on network assets	13,805	14,826	7%
20	Non-network capex	-	10,110	-
21	Expenditure on assets	13,805	24,936	81%
7(iii): Operational Expenditure				
22	7(iii): Operational Expenditure			
23	Service interruptions and emergencies	421	507	20%
24	Vegetation management	-	196	-
25	Routine and corrective maintenance and inspection	1,725	351	(80%)
26	Asset replacement and renewal	-	692	-
27	Network opex	2,146	1,746	(19%)
28	System operations and network support	-	2,528	-
29	Business support	-	3,391	-
30	Non-network opex	-	5,919	-
31	Operational expenditure	2,146	7,665	257%
7(iv): Subcomponents of Expenditure on Assets (where known)				
32	7(iv): Subcomponents of Expenditure on Assets (where known)			
33	Energy efficiency and demand side management, reduction of energy losses	-	-	-
34	Overhead to underground conversion	-	3,605	-
35	Research and development	-	-	-
36				
7(v): Subcomponents of Operational Expenditure (where known)				
37	7(v): Subcomponents of Operational Expenditure (where known)			
38	Energy efficiency and demand side management, reduction of energy losses	-	-	-
39	Direct billing	-	-	-
40	Research and development	-	-	-
41	Insurance	-	181	-
42				

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

2 From the nominal dollar expenditure forecast and disclosed in the second to last AMP as the year CY+1 forecast

Company Name	EA Networks
For Year Ended	31 March 2013
% / 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	delivered to ICPs in disclosure year (MWh)	Unit charging basis (eg, days, kW of demand, kVA of capacity, etc.)	Billed quantities by price component																					
						General Supply	Uncontrolled Energy	Controlled Off-Peak Energy	Night Boost 10	Night Rate	Under Verandah	Floodlight	Substation 25 kWh /	Export kWh	Generation Credit	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 kWh	per kW day	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	13,987	119,703		14,057	84,820,247	28,480,581	842,068	6,355,547	17	7	334	428	421	-	-	-	-	-	-	-	-	-	-	-	
General Supply - 50 kVA	General	Standard	1,437	36,214		1,442	31,120,534	2,450,364	98,308	2,785,702	9	4	-	-	-	-	-	-	-	-	-	-	-	-	-		
General Supply - 100 kVA	General	Standard	591	51,939		593	44,464,939	669,550	96,091	7,053,731	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
General Supply - 150 kVA	General	Standard	173	22,691		173	19,961,874	311,930	-	2,548,252	1	0	-	87,909	23,222	-	-	-	-	-	-	-	-	-	-		
General Supply - less than 5 kVA	General	Standard	43	0		48	32	-	-	101	-	-	-	-	123,119	-	-	-	-	-	-	-	-	-	-		
Irrigation	Irrigation	Standard	1,436	199,516		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Industrial 400V Supply - kVA	Industrial	Standard	42	52,904		-	-	-	-	-	-	-	-	-	-	-	12,178	-	-	53,255,259	-	-	-	-	-		
Direct Supply - Day Demand	Industrial	Standard	1	1,539		-	-	-	-	-	-	-	-	-	-	-	306	-	306	1,548,850	-	-	-	-	-		
Direct Supply - Peak Demand	Industrial	Standard	2	1,871		-	-	-	-	-	-	-	-	-	-	-	-	675	794	1,883,082	-	-	-	-	-		
CMP	Large User	Standard	1	39,671		-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	7,736	-	-	39,670,695	-		
Silver Fern Farms	Large User	Standard	1	13,817		-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3,062	-	-	13,817,016	-		
MT Hutt Ski Area	Large User	Standard	1	1,948		-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	832	-	-	1,948,319	-		
Highbank Generation	Generation	Standard	1	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	22,221	-	-	104,363,192	-		
Montalto Generation	Generation	Standard	1	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,474	-	-	9,691,027	-		
Cleardale Generation	Generation	Standard	1	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	997	-	-	4,120,914	-		
Highbank Pumps	Large User	Standard	1	1,072		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,579	8,000	-	-	1,072,463		
Street Lighting	Street Lighting	Standard	8	1,620		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,124		
<i>Add extra rows for additional consumer groups or price category codes as necessary</i>																											
Standard consumer totals						17,727	544,505																				
Non-standard consumer totals																											
Total for all consumers						17,727	544,505																				
						16,310	381,209,067	31,932,426	1,036,468	18,743,332	29	14	334	88,337	23,643	123,119	12,484	675	1,103	56,687,191	6	38,902	8,000	174,683,626	3,124		
						16,310	381,209,067	31,932,426	1,036,468	18,743,332	29	14	334	88,337	23,643	123,119	12,484	675	1,103	56,687,191	6	38,902	8,000	174,683,626	3,124		

Company Name	EA Networks
For Year Ended	31 March 2013
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 year (quantity)	Items at end of year (quantity)	Net change	Data accuracy 1-4
8	All	Overhead Line	Concrete poles / steel structure	No.	2,742	2,711	(31)	4
9	All	Overhead Line	Wood poles	No.	26,736	26,807	71	4
10	All	Overhead Line	Other pole types	No.	-	-	-	N/A
11	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	374	382	8	4
12	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	-	-	-	N/A
13	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	6	6	(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	23	-	3
23	HV	Zone substation Buildings	Zone substations 110kV+	No.	-	-	-	N/A
24	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	-	-	-	2
25	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	45	45	-	2
26	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	73	74	1	2
27	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	-	-	-	2
28	HV	Zone substation switchgear	33kV RMU	No.	15	15	-	2
29	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	141	141	-	2
30	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	10	10	-	2
31	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	-	-	-	2
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	-	-	-	2
33	HV	Zone Substation Transformer	Zone Substation Transformers	No.	51	51	-	2
34	HV	Distribution Line	Distribution OH Open Wire Conductor	km	2,005	2,002	(3)	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	151	174	23	3
38	HV	Distribution Cable	Distribution UG PILC	km	5	5	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.	19	19	-	2
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.	552	609	57	2
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	7	8	1	2
44	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	317	331	14	2
45	HV	Distribution Transformer	Pole Mounted Transformer	No.	4,704	4,734	30	2
46	HV	Distribution Transformer	Ground Mounted Transformer	No.	1,570	1,885	315	2
47	HV	Distribution Transformer	Voltage regulators	No.	3	3	-	2
48	HV	Distribution Substations	Ground Mounted Substation Housing	No.	-	533	533	2
49	LV	LV Line	LV OH Conductor	km	109	107	(2)	2
50	LV	LV Cable	LV UG Cable	km	282	289	7	3
51	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	246	250	4	3
52	LV	Connections	OH/UG consumer service connections	No.	17,755	18,501	746	3
53	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	120	120	-	1
54	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	-	-	-	N/A
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.	299	311	12	1
58	All	Civils	Cable Tunnels	km	-	-	-	N/A

Company Name	EA Networks
For Year Ended	31 March 2013
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)	Overhead (km)	Underground (km)
11	> 66kV	-	-
12	50kV & 66kV	265	1
13	33kV	117	5
14	SWER (all SWER voltages)	-	-
15	22kV (other than SWER)	1,098	38
16	6.6kV to 11kV (inclusive—other than SWER)	904	140
17	Low voltage (< 1kV)	107	289
18	Total circuit length (for supply)	2,491	473
19			
20	Dedicated street lighting circuit length (km)	36	214
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	76	3%
25	Rural	2,360	95%
26	Remote only	55	2%
27	Rugged only	-	-
28	Remote and rugged	-	-
29	Unallocated overhead lines	-	-
30	Total overhead length	2,491	100%
31			
32		Circuit length (km)	(% of total circuit length)
33	Length of circuit within 10km of coastline or geothermal areas (where known)	468	16%
34		Circuit length (km)	(% of total overhead length)
35	Overhead circuit requiring vegetation management	2,491	100%

Company Name **EA Networks**
 For Year Ended **31 March 2013**

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 - 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 2013
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	Consumer types defined by EDB*	Number of connections (ICPs)	
11	General	286	
12	Irrigation	60	
13	Industrial	-	
14	StreetLighting	-	
15		-	
16	* include additional rows if needed		
17	Connections total	346	
18			
19	Distributed generation		
20	Number of connections made in year	9	connections
21	Capacity of distributed generation installed in year	0	MVA
22	9e(ii): System Demand		
23			
24		Demand at time of maximum coincident demand (MW)	
25	Maximum coincident system demand		
26	GXP demand	152	
27	plus Distributed generation output at HV and above	1	
28	Maximum coincident system demand	153	
29	less Net transfers to (from) other EDBs at HV and above	0	
30	Demand on system for supply to consumers' connection points	153	
31	Electricity volumes carried	Energy (GWh)	Energy (GWh)
32	Electricity supplied from GXPs	495	
33	less Electricity exports to GXPs	24	
34	plus Electricity supplied from distributed generation	118	
35	less Net electricity supplied to (from) other EDBs	0	
36	Electricity entering system for supply to consumers' connection points	589	
37	less Total energy delivered to ICPs	545	
38	Electricity losses (loss ratio)	44	7.5%
39			
40	Load factor	0	
41	9e(iii): Transformer Capacity		
42		(MVA)	
43	Distribution transformer capacity (EDB owned)	496	
44	Distribution transformer capacity (Non-EDB owned)	13	
45	Total distribution transformer capacity	509	
46			
47	Zone substation transformer capacity	305	

Company Name	EA Networks
For Year Ended	31 March 2013
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

10(i): Interruptions

Interruptions by class	Number of interruptions	
	Class A (planned interruptions by Transpower)	-
Class B (planned interruptions on the network)	143	-
Class C (unplanned interruptions on the network)	240	-
Class D (unplanned interruptions by Transpower)	1	-
Class E (unplanned interruptions of EDB owned generation)	-	-
Class F (unplanned interruptions of generation owned by others)	-	-
Class G (unplanned interruptions caused by another disclosing entity)	-	-
Class H (planned interruptions caused by another disclosing entity)	-	-
Class I (interruptions caused by parties not included above)	-	-
Total	384	

Interruption restoration	≤3Hrs		>3hrs	
	Class C interruptions restored within	207		33

SAIFI and SAIDI by class	SAIFI		SAIDI	
	Class A (planned interruptions by Transpower)	-	-	-
Class B (planned interruptions on the network)	0.18	-	48.4	-
Class C (unplanned interruptions on the network)	1.60	-	114.5	-
Class D (unplanned interruptions by Transpower)	0.50	-	19.1	-
Class E (unplanned interruptions of EDB owned generation)	-	-	-	-
Class F (unplanned interruptions of generation owned by others)	-	-	-	-
Class G (unplanned interruptions caused by another disclosing entity)	-	-	-	-
Class H (planned interruptions caused by another disclosing entity)	-	-	-	-
Class I (interruptions caused by parties not included above)	-	-	-	-
Total	2.28		182.0	

Normalised SAIFI and SAIDI	Normalised SAIFI		Normalised SAIDI	
	Classes B & C (interruptions on the network)	1.48		150.3

Quality path normalised reliability limit	SAIFI reliability limit		SAIDI reliability limit	
	SAIFI and SAIDI limits applicable to disclosure year*	2.00		222.1
* not applicable to exempt EDBs				

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

Cause	SAIFI		SAIDI	
	Lightning	0.02	-	0.9
Vegetation	0.46	-	35.4	-
Adverse weather	0.15	-	12.2	-
Adverse environment	0.03	-	4.1	-
Third party interference	0.09	-	5.6	-
Wildlife	-	-	-	-
Human error	0.11	-	7.7	-
Defective equipment	0.47	-	27.4	-
Cause unknown	0.27	-	21.2	-

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

Main equipment involved	SAIFI		SAIDI	
	Subtransmission lines	0.01	-	1.5
Subtransmission cables	-	-	-	-
Subtransmission other	-	-	-	-
Distribution lines (excluding LV)	0.15	-	39.7	-
Distribution cables (excluding LV)	0.03	-	7.2	-
Distribution other (excluding LV)	-	-	-	-

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

Main equipment involved	SAIFI		SAIDI	
	Subtransmission lines	0.65	-	47.2
Subtransmission cables	-	-	-	-
Subtransmission other	0.04	-	6.2	-
Distribution lines (excluding LV)	0.83	-	57.0	-
Distribution cables (excluding LV)	0.05	-	3.3	-
Distribution other (excluding LV)	0.02	-	0.8	-

10(v): Fault Rate

Main equipment involved	Number of Faults		Circuit length (km)		Fault rate (faults per 100km)
	Subtransmission lines	13	-	382	
Subtransmission cables	-	-	-	6	-
Subtransmission other	2	-	-	-	-
Distribution lines (excluding LV)	226	-	2,002	-	11.29
Distribution cables (excluding LV)	11	-	178	-	6.18
Distribution other (excluding LV)	4	-	-	-	-
Total	256				