COMMERCE COMMISSION
NEW ZEALAND

EDB Information Disclosure Requirements
Information Templates
for
Schedules 1–10

Company Name	EA Networks
Disclosure Date	29 August 2018
Disclosure Year (year ended)	31 March 2018

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

Table of Contents

Company Name	**EA Networks**
For Year Ended	**31 March 2018**

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**

sch ref		Expenditure per GWh energy delivered to ICPs ($/GWh)	Expenditure per average no. of ICPs ($/ICP)	Expenditure per MW maximum coincident system demand ($/MW)	Expenditure per km circuit length ($/km)	Expenditure per MVA of capacity from EDB-owned distribution transformers ($/MVA)
8						
9	**Operational expenditure**	22,204	628	66,598	3,861	20,062
10	Network	6,507	184	19,518	1,132	5,880
11	Non-network	15,697	444	47,080	2,730	14,183
12						
13	**Expenditure on assets**	30,220	854	90,640	5,255	27,304
14	Network	28,458	804	85,357	4,949	25,713
15	Non-network	1,761	50	5,282	306	1,591
16						

17 **1(ii): Revenue metrics**

sch ref		Revenue per GWh energy delivered to ICPs ($/GWh)	Revenue per average no. of ICPs ($/ICP)
18			
19	**Total consumer line charge revenue**	89,324	2,525
20	Standard consumer line charge revenue	89,324	2,525
21	Non-standard consumer line charge revenue	–	–
22			

23 **1(iii): Service intensity measures**

sch ref			
24			
25	Demand density	58	*Maximum coincident system demand per km of circuit length (for supply) (kW/km)*
26	Volume density	174	*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	28,269	*Total energy delivered to ICPs per average number of ICPs (kWh/ICP)*
29			

30 **1(iv): Composition of regulatory income**

sch ref		($000)	% of revenue
31			
32	Operational expenditure	12,062	24.37%
33	Pass-through and recoverable costs excluding financial incentives and wash-ups	13,315	26.91%
34	Total depreciation	9,240	18.67%
35	Total revaluations	2,756	5.57%
36	Regulatory tax allowance	2,781	5.62%
37	Regulatory profit/(loss) including financial incentives and wash-ups	14,845	30.00%
38	**Total regulatory income**	49,487	
39			

40 **1(v): Reliability**

sch ref			
41			
42	Interruption rate	17.64	*Interruptions per 100 circuit km*

Company Name	**EA Networks**
For Year Ended	**31 March 2018**

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 31 Mar 16 %	CY-1 31 Mar 17 %	Current Year CY 31 Mar 18 %
ROI – comparable to a post tax WACC			
Reflecting all revenue earned	5.71%	5.86%	5.58%
Excluding revenue earned from financial incentives	5.71%	5.86%	5.51%
Excluding revenue earned from financial incentives and wash-ups	5.71%	5.91%	5.56%
Mid-point estimate of post tax WACC	5.37%	4.77%	5.04%
25th percentile estimate	4.66%	4.05%	4.36%
75th percentile estimate	6.09%	5.48%	5.72%
ROI – comparable to a vanilla WACC			
Reflecting all revenue earned	6.36%	6.41%	6.17%
Excluding revenue earned from financial incentives	6.36%	6.41%	6.11%
Excluding revenue earned from financial incentives and wash-ups	6.36%	6.45%	6.15%
WACC rate used to set regulatory price path	7.19%	7.19%	7.19%
Mid-point estimate of vanilla WACC	6.02%	5.31%	5.60%
25th percentile estimate	5.30%	4.59%	4.92%
75th percentile estimate	6.74%	6.03%	6.29%

2(ii): Information Supporting the ROI

			($000)	
	Total opening RAB value	251,141		
plus	Opening deferred tax	(10,975)		
Opening RIV			240,166	
Line charge revenue			48,524	
	Expenses cash outflow	25,377		
add	Assets commissioned	14,921		
less	Asset disposals	218		
add	Tax payments	1,140		
less	Other regulated income	963		
Mid-year net cash outflows			40,257	
Term credit spread differential allowance			–	
	Total closing RAB value	259,359		
less	Adjustment resulting from asset allocation	(0)		
less	Lost and found assets adjustment	–		
plus	Closing deferred tax	(12,615)		
Closing RIV			246,744	
ROI – comparable to a vanilla WACC				6.17%
	Leverage (%)			44%
	Cost of debt assumption (%)			4.80%
	Corporate tax rate (%)			28%
ROI – comparable to a post tax WACC				5.58%

2(iii): Information Supporting the Monthly ROI

Opening RIV	N/A

	Line charge revenue	Expenses cash outflow	Assets commissioned	Asset disposals	Other regulated income	Monthly net cash outflows
April						–
May						–
June						–
July						–
August						–
September						–
October						–
November						–
December						–
January						–
February						–
March						–
Total	–	–	–	–	–	–

Tax payments	N/A
Term credit spread differential allowance	N/A
Closing RIV	N/A
Monthly ROI – comparable to a vanilla WACC	N/A
Monthly ROI – comparable to a post tax WACC	N/A

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

Year-end ROI – comparable to a vanilla WACC	5.97%
Year-end ROI – comparable to a post tax WACC	5.38%

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

2(v): Financial Incentives and Wash-Ups

Net recoverable costs allowed under incremental rolling incentive scheme	–	
Purchased assets – avoided transmission charge		
Energy efficiency and demand incentive allowance		
Quality incentive adjustment	207	
Other financial incentives		
Financial incentives		207
Impact of financial incentives on ROI		0.06%
Input methodology claw-back		
Recoverable customised price-quality path costs		
Catastrophic event allowance		
Capex wash-up adjustment	(146)	
Transmission asset wash-up adjustment		
2013–2015 NPV wash-up allowance		
Reconsideration event allowance		
Other wash-ups		
Wash-up costs		(146)
Impact of wash-up costs on ROI		–0.04%

Company Name	**EA Networks**
For Year Ended	**31 March 2018**

SCHEDULE 3: REPORT ON REGULATORY PROFIT

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

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

sch ref				
7		**3(i): Regulatory Profit**		**($000)**
8		**Income**		
9		Line charge revenue		48,524
10	*plus*	Gains / (losses) on asset disposals		(184)
11	*plus*	Other regulated income (other than gains / (losses) on asset disposals)		1,147
12				
13		**Total regulatory income**		49,487
14		**Expenses**		
15	*less*	Operational expenditure		12,062
16				
17	*less*	Pass-through and recoverable costs excluding financial incentives and wash-ups		13,315
18				
19		**Operating surplus / (deficit)**		24,110
20				
21	*less*	Total depreciation		9,240
22				
23	*plus*	Total revaluations		2,756
24				
25		**Regulatory profit / (loss) before tax**		17,625
26				
27	*less*	Term credit spread differential allowance		–
28				
29	*less*	Regulatory tax allowance		2,781
30				
31		**Regulatory profit/(loss) including financial incentives and wash-ups**		14,845
32				
33		**3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups**	**($000)**	
34		**Pass through costs**		
35		Rates	174	
36		Commerce Act levies	94	
37		Industry levies	101	
38		CPP specified pass through costs	–	
39		**Recoverable costs excluding financial incentives and wash-ups**		
40		Electricity lines service charge payable to Transpower	10,717	
41		Transpower new investment contract charges	1,246	
42		System operator services	–	
43		Distributed generation allowance	983	
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**		13,315
47				

48	**3(iii): Incremental Rolling Incentive Scheme**		**($000)**	
49			**CY-1**	**CY**
50			**31 Mar 17**	**31 Mar 18**
51	Allowed controllable opex			
52	Actual controllable opex			
53				
54	Incremental change in year			
55				
56			**Previous years' incremental change**	**Previous years' incremental change adjusted for inflation**
57	CY-5	31 Mar 13		
58	CY-4	31 Mar 14		
59	CY-3	31 Mar 15		
60	CY-2	31 Mar 16		
61	CY-1	31 Mar 17		
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	*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)*			
69	**3(v): Other Disclosures**			
70				**($000)**
71	Self-insurance allowance			

Company Name	**EA Networks**
For Year Ended	**31 March 2018**

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

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

sch ref

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

sch ref		for year ended	RAB 31 Mar 14 ($000)	RAB 31 Mar 15 ($000)	RAB 31 Mar 16 ($000)	RAB 31 Mar 17 ($000)	RAB 31 Mar 18 ($000)
10	**Total opening RAB value**		207,829	220,521	226,349	237,258	251,141
12	*less* **Total depreciation**		6,958	7,375	7,616	8,152	9,240
14	*plus* **Total revaluations**		3,159	184	1,324	5,072	2,756
16	*plus* **Assets commissioned**		19,136	13,834	17,848	19,679	14,921
18	*less* **Asset disposals**		1,614	815	647	2,717	218
20	*plus* **Lost and found assets adjustment**		–	–	–	–	–
22	*plus* **Adjustment resulting from asset allocation**		(1,031)	–	(0)	(0)	(0)
24	**Total closing RAB value**		220,521	226,349	237,258	251,141	259,359

4(ii): Unallocated Regulatory Asset Base

sch ref		Unallocated RAB * ($000)	($000)	RAB ($000)	($000)
29	**Total opening RAB value**		251,141		251,141
30	*less*				
31	**Total depreciation**		9,240		9,240
32	*plus*				
33	**Total revaluations**		2,756		2,756
34	*plus*				
35	Assets commissioned (other than below)	10,196		10,196	
36	Assets acquired from a regulated supplier				
37	Assets acquired from a related party	4,724		4,724	
38	**Assets commissioned**		14,921		14,921
39	*less*				
40	Asset disposals (other than below)	218		218	
41	Asset disposals to a regulated supplier				
42	Asset disposals to a related party				
43	**Asset disposals**		218		218
45	*plus* **Lost and found assets adjustment**				
47	*plus* **Adjustment resulting from asset allocation**				(0)
49	**Total closing RAB value**		259,359		259,359

50 ** 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.*

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

sch ref		
54	CPI_4	1,011
55	CPI_4^{-4}	1,000
56	Revaluation rate (%)	1.10%

sch ref		Unallocated RAB * ($000)	($000)	RAB ($000)	($000)
60	Total opening RAB value	251,141		251,141	
61	*less* Opening value of fully depreciated, disposed and lost assets	605		605	
63	Total opening RAB value subject to revaluation	250,536		250,536	
64	**Total revaluations**		2,756		2,756

4(iv): Roll Forward of Works Under Construction

sch ref		Unallocated works under construction		Allocated works under construction	
68	**Works under construction—preceding disclosure year**		2,555		2,555
69	*plus* Capital expenditure	16,215		16,215	
70	*less* Assets commissioned	14,921		14,921	
71	*plus* Adjustment resulting from asset allocation				
72	**Works under construction - current disclosure year**		3,850		3,850
74	Highest rate of capitalised finance applied				

4(v): Regulatory Depreciation

sch ref		Unallocated RAB * ($000)	($000)	RAB ($000)	($000)
79	Depreciation - standard	8,154		8,154	
80	Depreciation - no standard life assets	1,086		1,086	
81	Depreciation - modified life assets				
82	Depreciation - alternative depreciation in accordance with CPP				
83	**Total depreciation**		9,240		9,240

4(vi): Disclosure of Changes to Depreciation Profiles

($000 unless otherwise specified)

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

95 ** include additional rows if needed*

4(vii): Disclosure by Asset Category

($000 unless otherwise specified)

sch ref		Subtransmission lines	Subtransmission cables	Zone substations	Distribution and LV lines	Distribution and LV cables	Distribution substations and transformers	Distribution switchgear	Other network assets	Non-network assets	Total
99	**Total opening RAB value**	13,197	866	22,459	46,954	60,538	55,597	35,300	1,138	15,092	251,141
100	*less* Total depreciation	458	29	1,064	1,785	1,447	1,812	1,509	24	1,112	9,240
101	*plus* Total revaluations	145	10	262	516	666	611	382	5	161	2,756
102	*plus* Assets commissioned	82	–	314	2,433	6,950	3,339	864	–	938	14,921
103	*less* Asset disposals	33	–	–	69	29	–	–	–	87	218
104	*plus* Lost and found assets adjustment	–	–	–	–	–	–	–	–	–	–
105	*plus* Adjustment resulting from asset allocation	–	–	–	–	–	–	–	–	–	–
106	*plus* Asset category transfers	(0)	–	1,461	0	0	(0)	(510)	(706)	(245)	0
107	**Total closing RAB value**	12,933	847	23,431	48,050	66,678	57,735	34,526	413	14,747	259,359
109	**Asset Life**										
110	Weighted average remaining asset life	34.1	34.5	33.5	31.5	45.1	37.3	28.3	12.1	20.4	(years)
111	Weighted average expected total asset life	49.1	55.0	43.9	50.7	55.0	45.0	38.1	15.9	23.4	(years)

Company Name	**EA Networks**
For Year Ended	**31 March 2018**

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.

sch ref

sch ref				($000)	
7	**5a(i): Regulatory Tax Allowance**			($000)	
8		**Regulatory profit / (loss) before tax**		17,625	
10	*plus*	Income not included in regulatory profit / (loss) before tax but taxable	188		*
11		Expenditure or loss in regulatory profit / (loss) before tax but not deductible	192		*
12		Amortisation of initial differences in asset values	2,143		
13		Amortisation of revaluations	749		
14				3,272	
16	*less*	Total revaluations	2,756		
17		Income included in regulatory profit / (loss) before tax but not taxable	–		*
18		Discretionary discounts and customer rebates	2,858		
19		Expenditure or loss deductible but not in regulatory profit / (loss) before tax	398		*
20		Notional deductible interest	4,955		
21				10,967	
23		**Regulatory taxable income**		9,930	
25	*less*	Utilised tax losses			
26		Regulatory net taxable income		9,930	
28		Corporate tax rate (%)	28%		
29		**Regulatory tax allowance**		2,781	
31		* Workings to be provided in Schedule 14			

32 **5a(ii): Disclosure of Permanent Differences**

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

sch ref				($000)
34	**5a(iii): Amortisation of Initial Difference in Asset Values**			($000)
36		Opening unamortised initial differences in asset values	62,211	
37	*less*	Amortisation of initial differences in asset values	2,143	
38	*plus*	Adjustment for unamortised initial differences in assets acquired		
39	*less*	Adjustment for unamortised initial differences in assets disposed	75	
40		Closing unamortised initial differences in asset values		59,993
42		Opening weighted average remaining useful life of relevant assets (years)		29
44	**5a(iv): Amortisation of Revaluations**			($000)
46		Opening sum of RAB values without revaluations	233,880	
48		Adjusted depreciation	8,491	
49		Total depreciation	9,240	
50		Amortisation of revaluations		749
52	**5a(v): Reconciliation of Tax Losses**			($000)
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)
60		**Opening deferred tax**	(10,975)	
62	*plus*	Tax effect of adjusted depreciation	2,378	
64	*less*	Tax effect of tax depreciation	3,340	
66	*plus*	Tax effect of other temporary differences*	8	
68	*less*	Tax effect of amortisation of initial differences in asset values	600	
70	*plus*	Deferred tax balance relating to assets acquired in the disclosure year	–	
72	*less*	Deferred tax balance relating to assets disposed in the disclosure year	86	
74	*plus*	Deferred tax cost allocation adjustment	0	
76		**Closing deferred tax**		(12,615)

78 **5a(vii): Disclosure of Temporary Differences**

79 *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).*

sch ref				($000)
81	**5a(viii): Regulatory Tax Asset Base Roll-Forward**			
82				($000)
83		**Opening sum of regulatory tax asset values**	132,029	
84	*less*	Tax depreciation	11,927	
85	*plus*	Regulatory tax asset value of assets commissioned	14,921	
86	*less*	Regulatory tax asset value of asset disposals	431	
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**		134,592

Company Name	**EA Networks**
For Year Ended	**31 March 2018**

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

sch ref	5b(i): Summary—Related Party Transactions	($000)
8	Total regulatory income	
9	Operational expenditure	3,943
10	Capital expenditure	4,724
11	Market value of asset disposals	
12	Other related party transactions	

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

sch ref	Name of related party	Related party relationship
15	EA Networks field services	A division of EA Networks which supplies electricity distribution contracting services
16	EA Networks Fibre	A division of EA Networks which supplies fibre communication services
17	Ashburton District Council	Significant shareholder
18		
19		

20 ** include additional rows if needed*

21 **5b(iii): Related Party Transactions**

sch ref	Name of related party	Related party transaction type	Description of transaction	Value of transaction ($000)	Basis for determining value
23	EA Networks field services	Opex	Service interruptions and emergencies	774	ID clause 2.3.6(1)(b)
24	EA Networks field services	Opex	Vegetation management	138	ID clause 2.3.6(1)(b)
25	EA Networks field services	Opex	Network maintenance	1,640	ID clause 2.3.6(1)(b)
26	EA Networks field services	Opex	System operations and network support	301	ID clause 2.3.6(1)(b)
27	EA Networks field services	Opex	Business support	135	ID clause 2.3.6(1)(b)
28	EA Networks field services	Capex	RAB assets	4,724	IM clause 2.2.11(5)(g)
29		[Select one]			[Select one]
30	EA Networks Fibre	Opex	System operations and network support	776	ID clause 2.3.6(1)(f)
31		[Select one]			[Select one]
32	Ashburton District Council	Opex	Rates	178	ID clause 2.3.6(1)(a)
37		[Select one]			[Select one]

38 ** include additional rows if needed*

Company Name	**EA Networks**
For Year Ended	**31 March 2018**

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 2018**

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

5d(i): Operating Cost Allocations

	Value allocated ($000s)				
	Arm's length deduction	**Electricity distribution services**	**Non-electricity distribution services**	**Total**	**OVABAA allocation increase ($000s)**
Service interruptions and emergencies					
Directly attributable		774			
Not directly attributable		–	–	–	
Total attributable to regulated service		774			
Vegetation management					
Directly attributable		290			
Not directly attributable		–	–	–	
Total attributable to regulated service		290			
Routine and corrective maintenance and inspection					
Directly attributable		918			
Not directly attributable		–	–	–	
Total attributable to regulated service		918			
Asset replacement and renewal					
Directly attributable		1,553			
Not directly attributable		–	–	–	
Total attributable to regulated service		1,553			
System operations and network support					
Directly attributable		3,317			
Not directly attributable		–	–	–	
Total attributable to regulated service		3,317			
Business support					
Directly attributable		5,210			
Not directly attributable			–	–	
Total attributable to regulated service		5,210			
Operating costs directly attributable		12,060			
Operating costs not directly attributable	–	–	–	–	–
Operational expenditure		12,060			

5d(ii): Other Cost Allocations

Pass through and recoverable costs	**($000)**
Pass through costs	
Directly attributable	369
Not directly attributable	
Total attributable to regulated service	369
Recoverable costs	
Directly attributable	12,946
Not directly attributable	
Total attributable to regulated service	12,946

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

			($000)	
Change in cost allocation 1			**CY-1**	**Current Year (CY)**
Cost category		Original allocation		
Original allocator or line items		New allocation		
New allocator or line items		Difference	–	–

Rationale for change

			($000)	
Change in cost allocation 2			**CY-1**	**Current Year (CY)**
Cost category		Original allocation		
Original allocator or line items		New allocation		
New allocator or line items		Difference	–	–

Rationale for change

			($000)	
Change in cost allocation 3			**CY-1**	**Current Year (CY)**
Cost category		Original allocation		
Original allocator or line items		New allocation		
New allocator or line items		Difference	–	–

Rationale for change

** 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 2018**

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	12,933
Not directly attributable	
Total attributable to regulated service	12,933
Subtransmission cables	
Directly attributable	847
Not directly attributable	
Total attributable to regulated service	847
Zone substations	
Directly attributable	23,431
Not directly attributable	
Total attributable to regulated service	23,431
Distribution and LV lines	
Directly attributable	48,050
Not directly attributable	
Total attributable to regulated service	48,050
Distribution and LV cables	
Directly attributable	66,678
Not directly attributable	
Total attributable to regulated service	66,678
Distribution substations and transformers	
Directly attributable	57,735
Not directly attributable	
Total attributable to regulated service	57,735
Distribution switchgear	
Directly attributable	34,526
Not directly attributable	
Total attributable to regulated service	34,526
Other network assets	
Directly attributable	413
Not directly attributable	
Total attributable to regulated service	413
Non-network assets	
Directly attributable	14,747
Not directly attributable	
Total attributable to regulated service	14,747
Regulated service asset value directly attributable	259,359
Regulated service asset value not directly attributable	–
Total closing RAB value	259,359

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

			($000) CY-1	Current Year (CY)
Change in asset value allocation 1				
Asset category		Original allocation		
Original allocator or line items		New allocation		
New allocator or line items		Difference	–	–
Rationale for change				

			($000) CY-1	Current Year (CY)
Change in asset value allocation 2				
Asset category		Original allocation		
Original allocator or line items		New allocation		
New allocator or line items		Difference	–	–
Rationale for change				

			($000) CY-1	Current Year (CY)
Change in asset value allocation 3				
Asset category		Original allocation		
Original allocator or line items		New allocation		
New allocator or line items		Difference	–	–
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 2018**

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		2,178
9		System growth		3,138
10		Asset replacement and renewal		8,398
11		Asset relocations		28
12		Reliability, safety and environment:		
13		Quality of supply	1,668	
14		Legislative and regulatory	–	
15		Other reliability, safety and environment	49	
16		**Total reliability, safety and environment**		1,718
17		**Expenditure on network assets**		15,460
18		Expenditure on non-network assets		957
19				
20		**Expenditure on assets**		16,416
21	*plus*	Cost of financing		
22	*less*	Value of capital contributions		201
23	*plus*	Value of vested assets		
24				
25		**Capital expenditure**		16,215
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		5,352
29		Research and development		
30		**6a(iii): Consumer Connection**		
31		*Consumer types defined by EDB**	**($000)**	**($000)**
32		ICP's which have changed their capacity	189	
33		Safety related	414	
34		Large new connections	114	
35		Rural with no transformer new connections	222	
		Rural with transformer new connections	1,056	
		Subdivision new connections	20	
36		Urban new connections	163	
37		** include additional rows if needed*		
38		**Consumer connection expenditure**		2,178
39				
40	*less*	Capital contributions funding consumer connection expenditure	185	
41		**Consumer connection less capital contributions**		1,993
42		**6a(iv): System Growth and Asset Replacement and Renewal**		**Asset**
43			**System Growth**	**Replacement and Renewal**
44			**($000)**	**($000)**
45		Subtransmission	45	584
46		Zone substations	32	40
47		Distribution and LV lines	507	1,885
48		Distribution and LV cables	561	5,142
49		Distribution substations and transformers	1,892	236
50		Distribution switchgear	101	511
51		Other network assets	–	–
52		**System growth and asset replacement and renewal expenditure**	3,138	8,398
53	*less*	Capital contributions funding system growth and asset replacement and renewal	–	8
54		**System growth and asset replacement and renewal less capital contributions**	3,138	8,390
55				
56		**6a(v): Asset Relocations**		
57		*Project or programme**	**($000)**	**($000)**
58		[2017-2018] unplanned relocation line requested by customer	28	
59		[Description of material project or programme]		
60		[Description of material project or programme]		
61		[Description of material project or programme]		
62		[Description of material project or programme]		
63		** include additional rows if needed*		
64		All other projects or programmes - asset relocations		
65		**Asset relocations expenditure**		28
66	*less*	Capital contributions funding asset relocations	8	
67		**Asset relocations less capital contributions**		20
68				
69		**6a(vi): Quality of Supply**		
70		*Project or programme**	**($000)**	**($000)**
71		[2016-2017][358] ZSS TIN 22/11 Transformer and Switchgear	95	
72		[2017-2018] Rural Ring Main Unit Installations	730	
73		[2017-2018] SCADA - Distribution Automatiom	252	
74		[2017-2018] ZSS - Replace Beckwith VRR - Dorie, Coldstream, Wakanui	52	
		[2017-2018] ZSS MTV & TIN - Neutral Switch	10	
		[2017-2018] 66/22kV OH New River Piles Ashburton River North Branch	66	
75		[2017-2018] 22kV UG New Tinwald ZZS Hinds Hwy, Fords Rd Tie Cable	331	
76		** include additional rows if needed*		
77		All other projects programmes - quality of supply	132	
78		**Quality of supply expenditure**		1,668
79	*less*	Capital contributions funding quality of supply	–	
80		**Quality of supply less capital contributions**		1,668
81		**6a(vii): Legislative and Regulatory**		
82		*Project or programme**	**($000)**	**($000)**
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		** include additional rows if needed*		
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		*Project or programme**	**($000)**	**($000)**
95		[2017-2018] ZZ Substation Surveillance Programme	9	
96		[2017-2018] Earthing upgrade	26	
97		[Description of material project or programme]		
98		[Description of material project or programme]		
99		[Description of material project or programme]	–	
100		** include additional rows if needed*		
101		All other projects or programmes - other reliability, safety and environment	14	
102		**Other reliability, safety and environment expenditure**		49
103	*less*	Capital contributions funding other reliability, safety and environment		
104		**Other reliability, safety and environment less capital contributions**		49
105				
106		**6a(ix): Non-Network Assets**		
107		**Routine expenditure**		
108		*Project or programme**	**($000)**	**($000)**
109		[2017-2018] Routine Vehicles	162	
110		[2017-2018] Routine Info Tech	81	
111		[2017-2018] Routine Building Work	13	
112		[2017-2018] Routine Plant	3	
113				
114				
115		All other projects or programmes - routine expenditure		
116		**Routine expenditure**		259
117		**Atypical expenditure**		
118		*Project or programme**	**($000)**	**($000)**
119		[2017-2018] DMR Repeater Stations for Rakaia Gorge	5	
120		[2017-2018] Software - ICP Management	257	
121		[2016-2018] Software - ERP Development	291	
122		[2017-2018] Software/Hardware - IT Field Mobility	18	
		[2017-2018] Hardware (IT) - New and Upgraded	19	
123		[2017-2018] Transformer Test Equipment	87	
124		** include additional rows if needed*		
125		All other projects or programmes - atypical expenditure	21	
126		**Atypical expenditure**		698
127				
128		**Expenditure on non-network assets**		957

Company Name	**EA Networks**
For Year Ended	**31 March 2018**

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			
7	**6b(i): Operational Expenditure**	**($000)**	**($000)**
8	Service interruptions and emergencies	774	
9	Vegetation management	290	
10	Routine and corrective maintenance and inspection	918	
11	Asset replacement and renewal	1,553	
12	**Network opex**		3,535
13	System operations and network support	3,317	
14	Business support	5,210	
15	**Non-network opex**		8,527
16			
17	**Operational expenditure**		12,062
18	**6b(ii): Subcomponents of Operational Expenditure (where known)**		
19	Energy efficiency and demand side management, reduction of energy losses		22
20	Direct billing*		–
21	Research and development		–
22	Insurance		140
23	** Direct billing expenditure by suppliers that directly bill the majority of their consumers*		

Company Name	**EA Networks**
For Year Ended	**31 March 2018**

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	**7(i): Revenue**	**Target ($000) [1]**	**Actual ($000)**	**% variance**
8	Line charge revenue	47,960	48,524	1%
9	**7(ii): Expenditure on Assets**	**Forecast ($000) [2]**	**Actual ($000)**	**% variance**
10	Consumer connection	2,990	2,178	(27%)
11	System growth	3,312	3,138	(5%)
12	Asset replacement and renewal	10,399	8,398	(19%)
13	Asset relocations	–	28	–
14	Reliability, safety and environment:			
15	Quality of supply	2,254	1,668	(26%)
16	Legislative and regulatory	–	–	–
17	Other reliability, safety and environment	549	49	(91%)
18	**Total reliability, safety and environment**	2,803	1,718	(39%)
19	**Expenditure on network assets**	19,504	15,460	(21%)
20	Expenditure on non-network assets	2,129	957	(55%)
21	Expenditure on assets	21,633	16,416	(24%)
22	**7(iii): Operational Expenditure**			
23	Service interruptions and emergencies	847	774	(9%)
24	Vegetation management	611	290	(53%)
25	Routine and corrective maintenance and inspection	811	918	13%
26	Asset replacement and renewal	846	1,553	84%
27	**Network opex**	3,115	3,535	13%
28	System operations and network support	3,424	3,317	(3%)
29	Business support	5,188	5,210	0%
30	**Non-network opex**	8,612	8,527	(1%)
31	**Operational expenditure**	11,727	12,062	3%
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	9,446	5,352	(43%)
35	Research and development		–	–
36				
37	**7(v): Subcomponents of Operational Expenditure (where known)**			
38	Energy efficiency and demand side management, reduction of energy losses		22	–
39	Direct billing		–	–
40	Research and development		–	–
41	Insurance		140	–
42				
43	*1 From the nominal dollar target revenue for the disclosure year disclosed under clause 2.4.3(3) of this determination*			
44	*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 2018**
Network / Sub-Network Name	**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(i): Billed Quantities by Price Component

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	Average no. of ICPs in disclosure year	Energy delivered to ICPs in disclosure year (MWh)
General Supply - 20 kVA	General	Standard	14.995	123.562
General Supply - 50 kVA	General	Standard	1.600	35.943
General Supply - 100 kVA	General	Standard	650	58.238
General Supply - 150 kVA	General	Standard	269	44.137
kVA	General	Standard	46	0
Irrigation	Irrigation	Standard	1.590	173.875
Irrigation Harmonic Penalty	Irrigation	Standard	7	1.413
Industrial 400V Supply - kVA	Industrial	Standard	39	52.963
Direct Supply - Day Demand	Industrial	Standard	1	1.178
Direct Supply - Peak Demand	Industrial	Standard	4	2.192
CMP	Large User	Standard	1	34.985
Silver Fern Farms	Large User	Standard	1	5.094
Mt Hutt Ski Area	Large User	Standard	1	2.202
Highbank Pumps	Large User	Standard	1	5.712
Highbank Generation	Generation	Standard	1	–
Montalto Generation	Generation	Standard	1	–
Cleardale Generation	Generation	Standard	1	–
Lavington Generation	Generation	Standard	1	–
Street Lighting	Street Lighting	Standard	8	1.739
		Standard consumer totals	19,217	543,235
		Non-standard consumer totals	–	–
		Total for all consumers	19,217	543,235

Billed quantities by price component

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
Unit charging basis (eg, days, kW of demand, kVA of capacity, etc.)	per day	per kWh	per kWh	per kWh	per kWh	per day	per day	per kWh	per kWh	per kW day	per kW
General Supply - 20 kVA	15.027	89.438.401	28.613.297	793.019	4.490.457	12	3	227.319	115.862	–	–
General Supply - 50 kVA	1.602	32.969.477	2.283.111	105.817	556.355	3	2	28.647	3.668	–	–
General Supply - 100 kVA	651	57.144.804	835.723	56.944	199.571	1	3	1.182	–	–	–
General Supply - 150 kVA	269	43.642.021	331.574	–	100.971	–	–	62.336	8.637	–	–
kVA	45	23	–	–	–	–	–	–	–	–	–
Irrigation	–	173.875.441	–	–	–	–	–	–	–	137.127	606
Irrigation Harmonic Penalty	–	1.413.467	–	–	–	–	–	–	–	650	–
Industrial 400V Supply - kVA	–	–	–	–	–	–	–	–	–	–	–
Direct Supply - Day Demand	–	–	–	–	–	–	–	–	–	–	–
Direct Supply - Peak Demand	–	–	–	–	–	–	–	–	–	–	–
CMP	–	–	–	–	–	–	–	–	–	–	–
Silver Fern Farms	–	–	–	–	–	–	–	–	–	–	–
Mt Hutt Ski Area	–	–	–	–	–	–	–	–	–	–	–
Highbank Pumps	–	–	–	–	–	–	–	–	–	–	–
Highbank Generation	–	–	–	–	–	–	–	–	–	–	–
Montalto Generation	–	–	–	–	–	–	–	–	–	–	–
Cleardale Generation	–	–	–	–	–	–	–	–	–	–	–
Lavington Generation	–	–	–	–	–	–	–	–	–	–	–
Street Lighting	–	–	–	–	–	–	–	–	–	–	–
Standard consumer totals	17,594	398,483,635	32,063,705	955,779	5,347,354	16	8	319,484	128,167	137,778	606
Non-standard consumer totals	–	–	–	–	–	–	–	–	–	–	–
Total for all consumers	17,594	398,483,635	32,063,705	955,779	5,347,354	16	8	319,484	128,167	137,778	606

Price component	Industrial MD	Industrial Peak MD	Industrial Anytime MD	Industrial Energy	Large User Fixed	Large User MD	Large User Connected kW	Large User Energy	Streetlighting
Unit charging basis (eg, days, kW of demand, kVA of capacity, etc.)	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 Supply - 50 kVA	–	–	–	–	–	–	–	–	–
General Supply - 100 kVA	–	–	–	–	–	–	–	–	–
General Supply - 150 kVA	–	–	–	–	–	–	–	–	–
kVA	–	–	–	–	–	–	–	–	–
Irrigation	–	–	–	–	–	–	–	–	–
Irrigation Harmonic Penalty	–	–	–	–	–	–	–	–	–
Industrial 400V Supply - kVA	11.570	–	–	52.963.028	–	–	–	–	–
Direct Supply - Day Demand	224	–	–	1.178.061	–	–	–	–	–
Direct Supply - Peak Demand	–	733	852	2.192.214	–	–	–	–	–
CMP	–	–	–	–	1	5.801	–	34.985.040	–
Silver Fern Farms	–	–	–	–	1	1.195	–	5.094.334	–
Mt Hutt Ski Area	–	–	–	–	1	997	–	2.201.622	–
Highbank Pumps	–	–	–	–	–	–	9.600	5.712.146	–
Highbank Generation	–	–	–	–	1	–	–	122.855.905	–
Montalto Generation	–	–	–	–	1	–	–	10.509.598	–
Cleardale Generation	–	–	–	–	1	–	–	3.955.646	–
Lavington Generation	–	–	–	–	1	–	–	3.103.671	–
Street Lighting	–	–	–	–	–	–	–	–	3.352
Standard consumer totals	11,795	733	852	56,333,303	7	7,993	9,600	188,417,962	3,352
Non-standard consumer totals	–	–	–	–	–	–	–	–	–
Total for all consumers	11,795	733	852	56,333,303	7	7,993	9,600	188,417,962	3,352

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

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	Total line charge revenue in disclosure year	Notional revenue foregone from posted discounts (if applicable)	Total distribution line charge revenue	Total transmission line charge revenue (if available)
General Supply - 20 kVA	General	Standard	$9.482	–	$7.374	$2.108
General Supply - 50 kVA	General	Standard	$3.225	–	$2.447	$778
General Supply - 100 kVA	General	Standard	$5.370	–	$4.022	$1.349
General Supply - 150 kVA	General	Standard	$4.074	–	$3.044	$1.030
kVA	General	Standard	$9	–	$9	$0
Irrigation	Irrigation	Standard	$21.914	–	$15.352	$6.562
Irrigation Harmonic Penalty	Irrigation	Standard	$128	–	$97	$31
Industrial 400V Supply - kVA	Industrial	Standard	$1.821	–	$1.193	$629
Direct Supply - Day Demand	Industrial	Standard	$35	–	$23	$12
Direct Supply - Peak Demand	Industrial	Standard	$127	–	$87	$40
CMP	Large User	Standard	$606	–	$291	$315
Silver Fern Farms	Large User	Standard	$107	–	$42	$65
Mt Hutt Ski Area	Large User	Standard	$192	–	$138	$54
Highbank Pumps	Large User	Standard	$689	–	$229	$459
Highbank Generation	Generation	Standard	$386	–	$386	–
Montalto Generation	Generation	Standard	$34	–	$34	–
Cleardale Generation	Generation	Standard	$31	–	$31	–
Lavington Generation	Generation	Standard	$8	–	$8	–
Street Lighting	Street Lighting	Standard	$285	–	$285	–
		Standard consumer totals	$48,524	–	$35,092	$13,432
		Non-standard consumer totals	–	–	–	–
		Total for all consumers	$48,524	–	$35,092	$13,432

Line charge revenues ($000) by price component

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
Rate (eg, $ per day, $ per kWh, etc.)	per day	per kWh	per kWh	per kWh	per kWh	per day	per day	per kWh	per kWh	per kW day	per kW
General Supply - 20 kVA	$823	$8.146	$498	$14	–	$1	$0	–	–	–	–
General Supply - 50 kVA	$175	$3.007	$40	$2	–	$0	$0	–	–	–	–
General Supply - 100 kVA	$142	$5.212	$15	$1	–	$0	$0	–	–	–	–
General Supply - 150 kVA	$88	$3.980	$6	–	–	–	–	–	–	–	–
kVA	$9	$0	–	–	–	–	–	–	–	–	–
Irrigation	–	–	–	–	–	–	–	–	–	$21.963	($48)
Irrigation Harmonic Penalty	–	–	–	–	–	–	–	–	–	$128	–
Industrial 400V Supply - kVA	–	–	–	–	–	–	–	–	–	–	–
Direct Supply - Day Demand	–	–	–	–	–	–	–	–	–	–	–
Direct Supply - Peak Demand	–	–	–	–	–	–	–	–	–	–	–
CMP	–	–	–	–	–	–	–	–	–	–	–
Silver Fern Farms	–	–	–	–	–	–	–	–	–	–	–
Mt Hutt Ski Area	–	–	–	–	–	–	–	–	–	–	–
Highbank Pumps	–	–	–	–	–	–	–	–	–	–	–
Highbank Generation	–	–	–	–	–	–	–	–	–	–	–
Montalto Generation	–	–	–	–	–	–	–	–	–	–	–
Cleardale Generation	–	–	–	–	–	–	–	–	–	–	–
Lavington Generation	–	–	–	–	–	–	–	–	–	–	–
Street Lighting	–	–	–	–	–	–	–	–	–	–	–
Standard consumer totals	$1,238	$20,345	$558	$17	–	$2	$1	–	–	$22,090	($48)
Non-standard consumer totals	–	–	–	–	–	–	–	–	–	–	–
Total for all consumers	$1,238	$20,345	$558	$17	–	$2	$1	–	–	$22,090	($48)

Price component	Industrial MD	Industrial Peak MD	Industrial Anytime MD	Industrial Energy	Large User Fixed	Large User MD	Large User Connected kW	Large User Energy	Streetlighting
Rate (eg, $ per day, $ per kWh, etc.)	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 Supply - 50 kVA	–	–	–	–	–	–	–	–	–
General Supply - 100 kVA	–	–	–	–	–	–	–	–	–
General Supply - 150 kVA	–	–	–	–	–	–	–	–	–
kVA	–	–	–	–	–	–	–	–	–
Irrigation	–	–	–	–	–	–	–	–	–
Irrigation Harmonic Penalty	–	–	–	–	–	–	–	–	–
Industrial 400V Supply - kVA	$1.821	–	–	–	–	–	–	–	–
Direct Supply - Day Demand	$35	–	–	–	–	–	–	–	–
Direct Supply - Peak Demand	–	$46	$81	–	–	–	–	–	–
CMP	–	–	–	–	$243	$363	–	–	–
Silver Fern Farms	–	–	–	–	$33	$75	–	–	–
Mt Hutt Ski Area	–	–	–	–	$129	$62	–	–	–
Highbank Pumps	–	–	–	–	–	–	$689	–	–
Highbank Generation	–	–	–	–	$386	–	–	–	–
Montalto Generation	–	–	–	–	$34	–	–	–	–
Cleardale Generation	–	–	–	–	$31	–	–	–	–
Lavington Generation	–	–	–	–	$8	–	–	–	–
Street Lighting	–	–	–	–	–	–	–	–	$285
Standard consumer totals	$1,857	$46	$81	–	$864	$501	$689	–	$285
Non-standard consumer totals	–	–	–	–	–	–	–	–	–
Total for all consumers	$1,857	$46	$81	–	$864	$501	$689	–	$285

Check: OK

8(iii): Number of ICPs directly billed

Number of directly billed ICPs at year end: 0

Company Name	**EA Networks**
For Year Ended	**31 March 2018**
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

	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								
9	All	Overhead Line	Concrete poles / steel structure	No.	2,458	2,483	25	4
10	All	Overhead Line	Wood poles	No.	26,690	27,187	497	4
11	All	Overhead Line	Other pole types	No.	–	–	–	N/A
12	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	395	387	(8)	4
13	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	–	–	–	N/A
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km	7	7	0	4
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km	–	–	–	N/A
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km	–	–	–	N/A
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km	–	–	–	N/A
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km	–	–	–	N/A
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km	–	–	–	N/A
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km	–	–	–	N/A
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km	–	–	–	N/A
22	HV	Subtransmission Cable	Subtransmission submarine cable	km	–	–	–	N/A
23	HV	Zone substation Buildings	Zone substations up to 66kV	No.	21	28	7	3
24	HV	Zone substation Buildings	Zone substations 110kV+	No.	–	–	–	N/A
25	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.	6	–	(6)	N/A
26	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	42	68	26	3
27	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.	124	–	(124)	N/A
28	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	22	157	135	3
29	HV	Zone substation switchgear	33kV RMU	No.	–	–	–	N/A
30	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	–	–	–	N/A
31	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	29	32	3	3
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	159	207	48	3
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	–	3	3	3
34	HV	Zone Substation Transformer	Zone Substation Transformers	No.	34	36	2	3
35	HV	Distribution Line	Distribution OH Open Wire Conductor	km	2,013	2,021	8	3
36	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	–	–	–	N/A
37	HV	Distribution Line	SWER conductor	km	–	–	–	N/A
38	HV	Distribution Cable	Distribution UG XLPE or PVC	km	217	265	48	3
39	HV	Distribution Cable	Distribution UG PILC	km	4	4	–	3
40	HV	Distribution Cable	Distribution Submarine Cable	km	–	–	–	N/A
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	23	26	3	3
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.	–	–	–	N/A
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	7,618	7,650	32	2
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.	207	–	(207)	N/A
45	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	469	481	12	3
46	HV	Distribution Transformer	Pole Mounted Transformer	No.	5,280	5,154	(126)	3
47	HV	Distribution Transformer	Ground Mounted Transformer	No.	2,090	2,176	86	3
48	HV	Distribution Transformer	Voltage regulators	No.	2	2	–	3
49	HV	Distribution Substations	Ground Mounted Substation Housing	No.	384	501	117	3
50	LV	LV Line	LV OH Conductor	km	101	96	(5)	3
51	LV	LV Cable	LV UG Cable	km	344	344	(0)	3
52	LV	LV Street lighting	LV OH/UG Streetlight circuit	km	270	272	2	3
53	LV	Connections	OH/UG consumer service connections	No.	19,449	19,653	204	2
54	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	153	202	49	2
55	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	1	1	–	2
56	All	Capacitor Banks	Capacitors including controls	No	–	–	–	N/A
57	All	Load Control	Centralised plant	Lot	3	3	–	N/A
58	All	Load Control	Relays	No	354	381	27	1
59	All	Civils	Cable Tunnels	km	–	–	–	N/A

Company Name: EA Networks
For Year Ended: 31 March 2018
Network / Sub-network Name:

SCHEDULE 9b: ASSET AGE PROFILE

This schedule requires a summary of the age profile (based on year of installation) of the 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

8 Disclosure Year (year ended): 31 March 2018

Number of assets at disclosure year end by installation date

sch ref	Voltage	Asset category	Asset class	Units	pre-1940	1940 –1949	1950 –1959	1960 –1969	1970 –1979	1980 –1989	1990 –1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	No. with age unknown	end of year (quantity)	No. with default dates	Data accuracy (1–4)
10	All	Overhead Line	Concrete poles / steel structure	No.		3	45	20	241	585	1,302		4	9	64	58	10				1	7	19	38	29	41		1	3	3		2,483		4
11	All	Overhead Line	Wood poles	No.		239	520	1,020	1,229	4,161	6,646	822	585	1,547	1,148	798	840	585	698	1,045	940	628	491	399	408	477	484	488	463	526		27,187		4
12	All	Overhead Line	Other pole types	No.																												–		N/A
13	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km			–	3	7	60	44	99	46	6	11	–	11	7	13	16	9	7	5	11	4	7	13	8	–	–		387		4
14	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km																												–		N/A
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km						4	1	–	–	1	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–		7		4
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km																												–		N/A
17	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km																												–		N/A
18	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km																												–		N/A
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km																												–		N/A
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km																												–		N/A
21	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km																												–		N/A
22	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km																												–		N/A
23	HV	Subtransmission Cable	Subtransmission submarine cable	km																												–		N/A
24	HV	Zone substation Buildings	Zone substations up to 66kV	No.				5	2	5		3		3	1	2		1	1		2								3			28		3
25	HV	Zone substation Buildings	Zone substations 110kV+	No.																												–		N/A
26	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.																											–	–		N/A
27	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.								7		15	2	3	7		7		8		5		4					10		68		3
28	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.																												–		N/A
29	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.				9	7	42	10	7	5	23	3	3	3	9	7					9	6				6	8		157		3
30	HV	Zone substation switchgear	33kV RMU	No.																												–		N/A
31	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.																											–	–		N/A
32	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.				15	2	13	2																					32		3
33	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.					9	31	6	4		5	5	27	6	21	10	18	1			5		6	8	8		37		207		3
34	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.											1		1													1		3		3
35	HV	Zone Substation Transformer	Zone Substation Transformers	No.			1	5	2	5	2	5		2	2		4				1			2	1	1				3		36		3
36	HV	Distribution Line	Distribution OH Open Wire Conductor	km		9	37	49	109	377	606	117	90	64	53	28	56	69	57	45	45	29	29	33	19	21	33	33	6	7		2,021		3
37	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km																												–		N/A
38	HV	Distribution Line	SWER conductor	km																												–		N/A
39	HV	Distribution Cable	Distribution UG XLPE or PVC	km				1	3	38	29	5	4	5	7	5	4	7	11	5	6	6	11	12	18	7	15	24	26	16		265		3
40	HV	Distribution Cable	Distribution UG PILC	km				–	3	1	–																					4		3
41	HV	Distribution Cable	Distribution Submarine Cable	km																												–		N/A
42	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.				4	2	2	5	1	1	3	1	2	4	1														26		3
43	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.																												–		N/A
44	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.		14	50	68	95	245	535	65	140	264	344	351	335	302	243	459	590	301	301	321	307	233	212	254	216	5	1,400	7,650		2
45	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.																												–		N/A
46	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.				2	19	60	93	15	10	8	9	11	6	28	16	27	6	29	11	19	20	25	18	12	25	12		481		3
47	HV	Distribution Transformer	Pole Mounted Transformer	No	1	8	89	368	694	475	629	176	74	48	181	200	125	156	315	104	263	203	52	229	139	110	137	171	168	39		5,154		3
48	HV	Distribution Transformer	Ground Mounted Transformer	No.		2	44	62	154	162	192	27	18	29	39	44	74	116	86	85	121	88	99	123	112	63	130	166	57	83		2,176		3
49	HV	Distribution Transformer	Voltage regulators	No.				1	1																							2		3
50	HV	Distribution Substations	Ground Mounted Substation Housing	No.				6	40	71	102	14	9	7	3	9	9	14	13	14	13	21	35	15	26	24	22	12	1	21		501		3
51	LV	LV Line	LV OH Conductor	km		8	7	22	9	19	21	1	1	1	1	1	1	1	1	1	1	–	–	–	–	–	–	–	–	–		96		3
52	LV	LV Cable	LV UG Cable	km				5	22	50	74	8	8	4	7	5	8	12	11	9	10	7	17	10	12	14	15	11	16	9		344		3
53	LV	LV Street lighting	LV OH/UG Streetlight circuit	km		4	4	16	18	41	60	6	6	4	4	4	4	6	7	5	7	6	15	6	8	11	8	10	11	1		272		3
54	LV	Connections	OH/UG consumer service connections	No.								14,169	287	294	287	342	271	223	362	422	469	263	339	284	331	309	293	268	211	229		19,653		2
55	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.										2	5	2	1	6	1	6	1			9	3	3	6	9	20	51	77	202		2
56	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot																											1	1		2
57	All	Capacitor Banks	Capacitors including controls	No																											–	–		N/A
58	All	Load Control	Centralised plant	Lot						2										1												3		N/A
59	All	Load Control	Relays	No																											381	381		1
60	All	Civils	Cable Tunnels	km																												–		N/A

Company Name	**EA Networks**
For Year Ended	**31 March 2018**
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)**	**Total circuit length (km)**
11	> 66kV	–	–	–
12	50kV & 66kV	288	2	290
13	33kV	99	5	104
14	SWER (all SWER voltages)	–	–	–
15	22kV (other than SWER)	1,347	104	1,451
16	6.6kV to 11kV (inclusive—other than SWER)	674	165	839
17	Low voltage (< 1kV)	96	344	440
18	**Total circuit length (for supply)**	2,504	620	3,124
19				
20	Dedicated street lighting circuit length (km)	33	239	272
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	100	4%	
25	Rural	2,354	94%	
26	Remote only	50	2%	
27	Rugged only	–	–	
28	Remote and rugged	–	–	
29	Unallocated overhead lines	–	–	
30	**Total overhead length**	2,504	100%	
31				
32		**Circuit length (km)**	**(% of total circuit length)**	
33	Length of circuit within 10km of coastline or geothermal areas (where known)	468	15%	
34		**Circuit length (km)**	**(% of total overhead length)**	
35	Overhead circuit requiring vegetation management	2,504	100%	

Company Name	**EA Networks**
For Year Ended	**31 March 2018**

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

26 ** Extend embedded distribution networks table as necessary to disclose each embedded network owned by the EDB which is embedded in another EDB's network or in another embedded network*

Company Name	**EA Networks**
For Year Ended	**31 March 2018**
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

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		185	
12	Irrigation		6	
13	Industrial		2	
14	Large Generation		–	
15				
16	** include additional rows if needed*			
17	**Connections total**		193	
18				
19	**Distributed generation**			
20	Number of connections made in year		27	**connections**
21	Capacity of distributed generation installed in year		0.15	**MVA**
22	**9e(ii): System Demand**			
23				
24			**Demand at time of maximum coincident demand (MW)**	
25	**Maximum coincident system demand**			
26	GXP demand		180	
27	Distributed generation output at HV and above	*plus*	1	
28	**Maximum coincident system demand**		181	
29	Net transfers to (from) other EDBs at HV and above	*less*	(0)	
30	**Demand on system for supply to consumers' connection points**		181	
31	**Electricity volumes carried**		**Energy (GWh)**	
32	Electricity supplied from GXPs		441	
33	Electricity exports to GXPs	*less*	1	
34	Electricity supplied from distributed generation	*plus*	140	
35	Net electricity supplied to (from) other EDBs	*less*	(0)	
36	**Electricity entering system for supply to consumers' connection points**		581	
37	Total energy delivered to ICPs	*less*	543	
38	**Electricity losses (loss ratio)**		37	6.5%
39				
40	**Load factor**		0.37	
41	**9e(iii): Transformer Capacity**			
42			**(MVA)**	
43	Distribution transformer capacity (EDB owned)		601	
44	Distribution transformer capacity (Non-EDB owned, estimated)		13	
45	**Total distribution transformer capacity**		614	
46				
47	**Zone substation transformer capacity**		328	

Company Name	**EA Networks**
For Year Ended	**31 March 2018**
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

sch ref		Number of interruptions		
8	**10(i): Interruptions**			
9	**Interruptions by class**			
10	Class A (planned interruptions by Transpower)	–		
11	Class B (planned interruptions on the network)	308		
12	Class C (unplanned interruptions on the network)	243		
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**	551		
20				
21	**Interruption restoration**	≤3Hrs	>3hrs	
22	Class C interruptions restored within	200	43	
23				
24	**SAIFI and SAIDI by class**	SAIFI	SAIDI	
25	Class A (planned interruptions by Transpower)	–	–	
26	Class B (planned interruptions on the network)	0.56	162.55	
27	Class C (unplanned interruptions on the network)	1.34	94.66	
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**	1.90	257.2	
35				
36	**Normalised SAIFI and SAIDI**	Normalised SAIFI	Normalised SAIDI	
37	Classes B & C (interruptions on the network)	1.90	257.21	
38	‡Classes B & C (Assessed values for Default Price-Quality Path Determination)	1.62	175.93	
	‡ Assessed value are applicable to reliability limits			
39	**Quality path normalised reliability limit**	SAIFI reliability limit	SAIDI reliability limit	
40	SAIFI and SAIDI limits applicable to disclosure year*	1.61	151.04	
41	** not applicable to exempt EDBs*			

sch ref		SAIFI	SAIDI
42	**10(ii): Class C Interruptions and Duration by Cause**		
43			
44	**Cause**	SAIFI	SAIDI
45	Lightning	0.00	0.11
46	Vegetation	0.07	3.99
47	Adverse weather	0.23	15.16
48	Adverse environment	–	–
49	Third party interference	0.11	8.33
50	Wildlife	0.13	16.76
51	Human error	0.23	6.20
52	Defective equipment	0.37	27.99
53	Cause unknown	0.21	16.12
54			
55	**10(iii): Class B Interruptions and Duration by Main Equipment Involved**		
56			
57	**Main equipment involved**	SAIFI	SAIDI
58	Subtransmission lines	0.04	15.41
59	Subtransmission cables	–	–
60	Subtransmission other	–	–
61	Distribution lines (excluding LV)	0.46	130.10
62	Distribution cables (excluding LV)	0.05	17.03
63	Distribution other (excluding LV)	–	–
64	**10(iv): Class C Interruptions and Duration by Main Equipment Involved**		
65			
66	**Main equipment involved**	SAIFI	SAIDI
67	Subtransmission lines	0.29	9.11
68	Subtransmission cables	–	–
69	Subtransmission other	0.04	2.12
70	Distribution lines (excluding LV)	0.91	77.18
71	Distribution cables (excluding LV)	0.08	5.46
72	Distribution other (excluding LV)	0.02	0.79

sch ref		Number of Faults	Circuit length (km)	Fault rate (faults per 100km)
73	**10(v): Fault Rate**			
74	**Main equipment involved**	Number of Faults	Circuit length (km)	Fault rate (faults per 100km)
75	Subtransmission lines	18	384	4.69
76	Subtransmission cables	–	7	–
77	Subtransmission other	2		
78	Distribution lines (excluding LV)	230	1,959	11.74
79	Distribution cables (excluding LV)	9	265	3.39
80	Distribution other (excluding LV)	5		
81	**Total**	264		