



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

<b>Company Name</b>	Westpower Limited
<b>Disclosure Date</b>	31 August 2015
<b>Disclosure Year (year ended)</b>	31 March 2015

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

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Company Name	Westpower Limited
For Year Ended	31 March 2015

**SCHEDULE 1: ANALYTICAL RATIOS**

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

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

sch ref

**1(i): Expenditure metrics**

	Expenditure per GWh energy delivered to ICPs (\$/GWh)	Expenditure per average no. of ICPs (\$/ICP)	Expenditure per MW maximum coincident system demand (\$/MW)	Expenditure per km circuit length (\$/km)	Expenditure per MVA of capacity from EDB-owned distribution transformers (\$/MVA)
<b>Operational expenditure</b>	35,937	718	233,341	4,234	63,600
Network	21,032	420	136,561	2,478	37,221
Non-network	14,905	298	96,780	1,756	26,379
<b>Expenditure on assets</b>	8,031	161	52,146	946	14,213
Network	7,885	158	51,195	929	13,954
Non-network	146	3	951	17	259

**1(ii): Revenue metrics**

	Revenue per GWh energy delivered to ICPs (\$/GWh)	Revenue per average no. of ICPs (\$/ICP)
<b>Total consumer line charge revenue</b>	76,482	1,529
Standard consumer line charge revenue	76,482	1,529
Non-standard consumer line charge revenue	–	–

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

Demand density	18	Maximum coincident system demand per km of circuit length (for supply) (kW/km)
Volume density	118	Total energy delivered to ICPs per km of circuit length (for supply) (MWh/km)
Connection point density	6	Average number of ICPs per km of circuit length (for supply) (ICPs/km)
Energy intensity	19,992	Total energy delivered to ICPs per average number of ICPs (kWh/ICP)

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

	(\$000)	% of revenue
Operational expenditure	9,567	45.92%
Pass-through and recoverable costs excluding financial incentives and wash-ups	4,828	23.17%
Total depreciation	4,261	20.45%
Total revaluations	96	0.46%
Regulatory tax allowance	–	–
Regulatory profit/(loss) including financial incentives and wash-ups	2,273	10.91%
<b>Total regulatory income</b>	<b>20,833</b>	

**1(v): Reliability**

Interruption rate	13.72	Interruptions per 100 circuit km
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Company Name **Westpower Limited**  
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## SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

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

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

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

sch ref		CY-2 31 Mar 13 %	CY-1 31 Mar 14 %	Current Year CY 31 Mar 15 %
7	<b>2(i): Return on Investment</b>			
8				
9	<b>ROI – comparable to a post tax WACC</b>			
10	Reflecting all revenue earned	3.10%	3.53%	1.27%
11	Excluding revenue earned from financial incentives	3.10%	3.53%	1.27%
12	Excluding revenue earned from financial incentives and wash-ups	3.10%	3.53%	1.27%
13				
14	<b>Mid-point estimate of post tax WACC</b>	5.85%	5.43%	6.10%
15	25th percentile estimate	5.13%	4.71%	5.39%
16	75th percentile estimate	6.56%	6.14%	6.82%
17				
18				
19	<b>ROI – comparable to a vanilla WACC</b>			
20	Reflecting all revenue earned	3.88%	4.22%	2.05%
21	Excluding revenue earned from financial incentives	3.88%	4.22%	2.05%
22	Excluding revenue earned from financial incentives and wash-ups	3.88%	4.22%	2.05%
23				
24	<b>WACC rate used to set regulatory price path</b>			
25				
26	<b>Mid-point estimate of vanilla WACC</b>	6.62%	6.11%	6.89%
27	25th percentile estimate	5.91%	5.39%	6.17%
28	75th percentile estimate	7.34%	6.83%	7.60%
29				
30	<b>2(ii): Information Supporting the ROI</b>			
31				
32	Total opening RAB value	114,618		
33	plus Opening deferred tax	(3,215)		
34	<b>Opening RIV</b>		111,403	
35				
36	<b>Line charge revenue</b>		20,361	
37				
38	Expenses cash outflow	14,395		
39	add Assets commissioned	2,062		
40	less Asset disposals	95		
41	add Tax payments	(462)		
42	less Other regulated income	472		
43	<b>Mid-year net cash outflows</b>		15,428	
44				
45	<b>Term credit spread differential allowance</b>		–	
46				
47	Total closing RAB value	112,420		
48	less Adjustment resulting from asset allocation	(0)		
49	less Lost and found assets adjustment	–		
50	plus Closing deferred tax	(3,677)		
51	<b>Closing RIV</b>		108,743	
52				
53	<b>ROI – comparable to a vanilla WACC</b>			2.05%
54				
55	Leverage (%)			44%
56	Cost of debt assumption (%)			6.36%
57	Corporate tax rate (%)			28%
58				
59	<b>ROI – comparable to a post tax WACC</b>			1.27%
60				

Company Name **Westpower Limited**  
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**SCHEDULE 2: REPORT ON RETURN ON INVESTMENT**

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

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

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sch ref

**2(iii): Information Supporting the Monthly ROI**

61							
62							
63	Opening RIV						N/A
64							
65							
66		Line charge revenue	Expenses cash outflow	Assets commissioned	Asset disposals	Other regulated income	Monthly net cash outflows
67	April						-
68	May						-
69	June						-
70	July						-
71	August						-
72	September						-
73	October						-
74	November						-
75	December						-
76	January						-
77	February						-
78	March						-
79	<b>Total</b>	-	-	-	-	-	-
80							
81	Tax payments						N/A
82							
83	Term credit spread differential allowance						N/A
84							
85	Closing RIV						N/A
86							
87							
88	Monthly ROI – comparable to a vanilla WACC						N/A
89							
90	Monthly ROI – comparable to a post tax WACC						N/A
91							
92	<b>2(iv): Year-End ROI Rates for Comparison Purposes</b>						
93							
94	Year-end ROI – comparable to a vanilla WACC						2.02%
95							
96	Year-end ROI – comparable to a post tax WACC						1.24%
97							
98	<i>* 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.</i>						
99							
100	<b>2(v): Financial Incentives and Wash-Ups</b>						
101							
102	Net recoverable costs allowed under incremental rolling incentive scheme					-	
103	Purchased assets – avoided transmission charge						
104	Energy efficiency and demand incentive allowance						
105	Quality incentive adjustment						
106	Other financial incentives						
107	<b>Financial incentives</b>						-
108							
109	<b>Impact of financial incentives on ROI</b>						-
110							
111	Input methodology claw-back						
112	Recoverable customised price-quality path costs						
113	Catastrophic event allowance						
114	Capex wash-up adjustment						
115	Transmission asset wash-up adjustment						
116	2013–2015 NPV wash-up allowance						
117	Reconsideration event allowance						
118	Other wash-ups						
119	<b>Wash-up costs</b>						-
120							
121	<b>Impact of wash-up costs on ROI</b>						-

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**SCHEDULE 3: REPORT ON REGULATORY PROFIT**

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

sch ref		(\$000)
7	<b>3(i): Regulatory Profit</b>	
8	<b>Income</b>	
9	Line charge revenue	20,361
10	plus Gains / (losses) on asset disposals	(95)
11	plus Other regulated income (other than gains / (losses) on asset disposals)	567
12		
13	<b>Total regulatory income</b>	<b>20,833</b>
14	<b>Expenses</b>	
15	less Operational expenditure	9,567
16		
17	less Pass-through and recoverable costs excluding financial incentives and wash-ups	4,828
18		
19	<b>Operating surplus / (deficit)</b>	<b>6,438</b>
20		
21	less Total depreciation	4,261
22		
23	plus Total revaluations	96
24		
25	<b>Regulatory profit / (loss) before tax</b>	<b>2,273</b>
26		
27	less Term credit spread differential allowance	-
28		
29	less Regulatory tax allowance	-
30		
31	<b>Regulatory profit/(loss) including financial incentives and wash-ups</b>	<b>2,273</b>
32		
33	<b>3(ii): Pass-through and Recoverable Costs excluding Financial Incentives and Wash-Ups</b>	(\$000)
34	<b>Pass through costs</b>	
35	Rates	48
36	Commerce Act levies	14
37	Industry levies	61
38	CPP specified pass through costs	
39	<b>Recoverable costs excluding financial incentives and wash-ups</b>	
40	Electricity lines service charge payable to Transpower	2,454
41	Transpower new investment contract charges	80
42	System operator services	
43	Distributed generation allowance	2,171
44	Extended reserves allowance	
45	Other recoverable costs excluding financial incentives and wash-ups	
46	<b>Pass-through and recoverable costs excluding financial incentives and wash-ups</b>	<b>4,828</b>
47		

Company Name **Westpower Limited**  
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**SCHEDULE 3: REPORT ON REGULATORY PROFIT**

This schedule requires information on the calculation of regulatory profit for the EDB for the disclosure year. All EDBs must complete all sections and provide explanatory comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes).  
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sch ref		(\$000)	
		CY-1 31 Mar 14	CY 31 Mar 15
48	<b>3(iii): Incremental Rolling Incentive Scheme</b>		
49			
50			
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 10		
58	CY-4            31 Mar 11		
59	CY-3            31 Mar 12		
60	CY-2            31 Mar 13		
61	CY-1            31 Mar 14		
62	<b>Net incremental rolling incentive scheme</b>		-
63			
64	<b>Net recoverable costs allowed under incremental rolling incentive scheme</b>		-
65	<b>3(iv): Merger and Acquisition Expenditure</b>		
70			(\$000)
66	Merger and acquisition expenditure		
67			
68	<i>Provide commentary on the benefits of merger and acquisition expenditure to the electricity distribution business, including required disclosures in accordance with section 2.7, in Schedule 14 (Mandatory Explanatory Notes)</i>		
69	<b>3(v): Other Disclosures</b>		
70			(\$000)
71	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.

sch ref

4(i): Regulatory Asset Base Value (Rolled Forward)		for year ended				
		RAB 31 Mar 11 (\$000)	RAB 31 Mar 12 (\$000)	RAB 31 Mar 13 (\$000)	RAB 31 Mar 14 (\$000)	RAB 31 Mar 15 (\$000)
	Total opening RAB value	109,505	111,960	113,746	114,505	114,618
	less Total depreciation	3,683	3,854	4,022	4,135	4,261
	plus Total revaluations	2,637	1,753	975	1,753	96
	plus Assets commissioned	3,958	4,240	4,022	2,695	2,062
	less Asset disposals	457	353	216	200	95
	plus Lost and found assets adjustment					-
	plus Adjustment resulting from asset allocation					(0)
	<b>Total closing RAB value</b>	<b>111,960</b>	<b>113,746</b>	<b>114,505</b>	<b>114,618</b>	<b>112,420</b>

4(ii): Unallocated Regulatory Asset Base		Unallocated RAB *		RAB	
		(\$000)	(\$000)	(\$000)	(\$000)
	Total opening RAB value		114,618		114,618
	less Total depreciation		4,261		4,261
	plus Total revaluations		96		96
	plus Assets commissioned (other than below)	88		88	
	Assets acquired from a regulated supplier				
	Assets acquired from a related party	1,974		1,974	
	<b>Assets commissioned</b>		2,062		2,062
	less Asset disposals (other than below)	95		95	
	Asset disposals to a regulated supplier				
	Asset disposals to a related party				
	<b>Asset disposals</b>		95		95
	plus Lost and found assets adjustment				
	plus Adjustment resulting from asset allocation				(0)



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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.

sch ref

49	<b>Total closing RAB value</b>		112,420	112,420
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\* 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.

50  
51

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

54	CPI <sub>4</sub>		1,193
55	CPI <sub>4</sub> <sup>-4</sup>		1,192
56	Revaluation rate (%)		0.08%

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
60	114,618		114,618	
61	95		95	
62				
63	114,523		114,523	
64		96		96

**4(iv): Roll Forward of Works Under Construction**

	Unallocated works under construction		Allocated works under construction	
68		194		194
69	2,088		2,088	
70	2,062		2,062	
71				
72		220		220
73				
74				

**4(v): Regulatory Depreciation**

	Unallocated RAB *		RAB	
	(\$000)	(\$000)	(\$000)	(\$000)
79	3,702		3,702	
80	559		559	
81				
82				
83		4,261		4,261

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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.

sch ref

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

(\$000 unless otherwise specified)

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

\* include additional rows if needed

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

(\$000 unless otherwise specified)

98		Subtransmission lines	Subtransmission cables	Zone substations	Distribution and LV lines	Distribution and LV cables	Distribution substations and transformers	Distribution switchgear	Other network assets	Non-network assets	Total
99	<b>Total opening RAB value</b>	17,156	–	29,908	34,331	6,639	14,485	6,009	5,658	432	114,618
100	less Total depreciation	506	–	997	1,203	247	559	238	404	107	4,261
101	plus Total revaluations	14	–	25	29	6	12	5	5	–	96
102	plus Assets commissioned	98	–	478	396	45	322	169	515	39	2,062
103	less Asset disposals				95						95
104	plus Lost and found assets adjustment										–
105	plus Adjustment resulting from asset allocation										–
106	plus Asset category transfers										–
107	<b>Total closing RAB value</b>	16,762	–	29,414	33,458	6,443	14,260	5,945	5,774	364	112,420
108	<b>Asset Life</b>										
110	Weighted average remaining asset life	39.1		30.0	34.0	29.3	31.9	30.0	14.7	6.3	(years)
111	Weighted average expected total asset life	58.2		43.4	54.4	56.6	51.7	39.2	25.2	10.9	(years)

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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.

sch ref

		(\$000)	
7	<b>5a(i): Regulatory Tax Allowance</b>		
8	<b>Regulatory profit / (loss) before tax</b>		2,273
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	200	*
12	Amortisation of initial differences in asset values	1,649	
13	Amortisation of revaluations	333	
14			2,182
15			
16	<i>less</i> Total revaluations	96	
17	Income included in regulatory profit / (loss) before tax but not taxable		*
18	Discretionary discounts and customer rebates	1,979	
19	Expenditure or loss deductible but not in regulatory profit / (loss) before tax	101	*
20	Notional deductible interest	3,023	
21			5,199
22			
23	<b>Regulatory taxable income</b>		(744)
24			
25	<i>less</i> Utilised tax losses		
26	Regulatory net taxable income		-
27			
28	Corporate tax rate (%)	28%	
29	<b>Regulatory tax allowance</b>		-
30			

\* Workings to be provided in Schedule 14

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

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

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

(\$000)

36	Opening unamortised initial differences in asset values	47,819	
37	<i>less</i> Amortisation of initial differences in asset values	1,649	
38	<i>plus</i> Adjustment for unamortised initial differences in assets acquired		
39	<i>less</i> Adjustment for unamortised initial differences in assets disposed	(95)	
40	Closing unamortised initial differences in asset values		46,265
41			
42	Opening weighted average remaining useful life of relevant assets (years)		29
43			

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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.

sch ref			
44	<b>5a(iv): Amortisation of Revaluations</b>		(\$000)
45			
46	Opening sum of RAB values without revaluations	106,060	
47			
48	Adjusted depreciation	3,928	
49	Total depreciation	4,261	
50	Amortisation of revaluations		333
51			
52	<b>5a(v): Reconciliation of Tax Losses</b>		(\$000)
53			
54	<b>Opening tax losses</b>		
55	plus Current period tax losses	744	
56	less Utilised tax losses		
57	<b>Closing tax losses</b>		744
58	<b>5a(vi): Calculation of Deferred Tax Balance</b>		(\$000)
59			
60	<b>Opening deferred tax</b>	(3,215)	
61			
62	plus Tax effect of adjusted depreciation	1,100	
63			
64	less Tax effect of tax depreciation	1,154	
65			
66	plus Tax effect of other temporary differences*	28	
67			
68	less Tax effect of amortisation of initial differences in asset values	462	
69			
70	plus Deferred tax balance relating to assets acquired in the disclosure year		
71			
72	less Deferred tax balance relating to assets disposed in the disclosure year	(27)	
73			
74	plus Deferred tax cost allocation adjustment	0	
75			
76	<b>Closing deferred tax</b>		(3,677)
77			
78	<b>5a(vii): Disclosure of Temporary Differences</b>		
79	<i>In Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 5a(vi) (Tax effect of other temporary differences).</i>		
80			
81	<b>5a(viii): Regulatory Tax Asset Base Roll-Forward</b>		
82			(\$000)
83	<b>Opening sum of regulatory tax asset values</b>	46,071	
84	less Tax depreciation	4,122	
85	plus Regulatory tax asset value of assets commissioned	2,062	
86	less Regulatory tax asset value of asset disposals		
87	plus Lost and found assets adjustment		
88	plus Adjustment resulting from asset allocation		
89	plus Other adjustments to the RAB tax value		
90	<b>Closing sum of regulatory tax asset values</b>		44,011

Company Name **Westpower Limited**  
 For Year Ended **31 March 2015**

**SCHEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS**

This schedule provides information on the valuation of related party transactions, in accordance with section 2.3.6 and 2.3.7 of the ID determination.  
 This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

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

(\$000)

8 Total regulatory income	
9 Operational expenditure	8,262
10 Capital expenditure	1,999
11 Market value of asset disposals	
12 Other related party transactions	301

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

Name of related party	Related party relationship
15 ElectroNet Services Limited	Wholly Owned Subsidiary of Westpower Limited
16 Mitton Electronet Limited	Wholly Owned Subsidiary of ElectroNet Services Limited
17 Amethyst Hydro Limited	Majority Owned Subsidiary of Westpower Limited
18	
19	

\* include additional rows if needed

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

Name of related party	Related party transaction type	Description of transaction	Value of transaction (\$000)	Basis for determining value
23 ElectroNet Services Limited	Opex	Maintenance Programme - Inspect, Service and Test	3,344	ID clause 2.3.6(1)(b)
24 ElectroNet Services Limited	Opex	Maintenance Programme - Repairs	1,440	ID clause 2.3.6(1)(b)
25 ElectroNet Services Limited	Opex	Faults	528	ID clause 2.3.6(1)(b)
26 ElectroNet Services Limited	Opex	System Operations and Asset Management	1,959	ID clause 2.3.6(1)(b)
27 ElectroNet Services Limited	Opex	Business Support	796	ID clause 2.3.6(1)(b)
28 ElectroNet Services Limited	Capex	Subtransmission Lines	169	IM clause 2.2.11(5)(g)
29 ElectroNet Services Limited	Capex	Zone Substations	439	IM clause 2.2.11(5)(g)
30 ElectroNet Services Limited	Capex	Distribution Lines and Cables	509	IM clause 2.2.11(5)(g)
31 ElectroNet Services Limited	Capex	Medium Voltage Switchgear	173	IM clause 2.2.11(5)(g)
32 ElectroNet Services Limited	Capex	Distribution Transformers	217	IM clause 2.2.11(5)(g)
33 ElectroNet Services Limited	Capex	Distribution Substations	99	IM clause 2.2.11(5)(g)
34 ElectroNet Services Limited	Capex	Low Voltage Lines and Cables	77	IM clause 2.2.11(5)(g)
35 ElectroNet Services Limited	Capex	SCADA/Comms and Other Assets	299	IM clause 2.2.11(5)(g)
Mitton Electronet Limited	Opex	Maintenance Programme - Inspect, Service and Test	171	ID clause 2.3.6(1)(b)
Mitton Electronet Limited	Opex	System Operations and Asset Management	18	ID clause 2.3.6(1)(b)
Mitton Electronet Limited	Opex	Business Support	6	ID clause 2.3.6(1)(b)
Mitton Electronet Limited	Capex	Zone Substations	17	IM clause 2.2.11(5)(g)
36 Amethyst Hydro	Opex	Avoided Cost of Transmission	301	ID clause 2.3.6(1)(c)(ii)
37				

\* include additional rows if needed

Company Name **Westpower Limited**  
 For Year Ended **31 March 2015**

**SCHEDULE 5c: REPORT ON TERM CREDIT SPREAD DIFFERENTIAL ALLOWANCE**

This schedule is only to be completed if, as at the date of the most recently published financial statements, the weighted average original tenor of the debt portfolio (both qualifying debt and non-qualifying debt) is greater than five years. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

sch ref

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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
<i>* include additional rows if needed</i>						-	-	-	-

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

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

Company Name **Westpower Limited**  
 For Year Ended **31 March 2015**

**SCHEDULE 5d: REPORT ON COST ALLOCATIONS**

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

sch ref

**7 5d(i): Operating Cost Allocations**

		Value allocated (\$000s)			OVABAA allocation increase (\$000s)
		Arm's length deduction	Electricity distribution services	Non-electricity distribution services	
10	<b>Service interruptions and emergencies</b>				
11	Directly attributable		1,592		
12	Not directly attributable				-
13	<b>Total attributable to regulated service</b>		1,592		
14	<b>Vegetation management</b>				
15	Directly attributable		603		
16	Not directly attributable				-
17	<b>Total attributable to regulated service</b>		603		
18	<b>Routine and corrective maintenance and inspection</b>				
19	Directly attributable		3,027		
20	Not directly attributable				-
21	<b>Total attributable to regulated service</b>		3,027		
22	<b>Asset replacement and renewal</b>				
23	Directly attributable		377		
24	Not directly attributable				-
25	<b>Total attributable to regulated service</b>		377		
26	<b>System operations and network support</b>				
27	Directly attributable		2,239		
28	Not directly attributable				-
29	<b>Total attributable to regulated service</b>		2,239		
30	<b>Business support</b>				
31	Directly attributable		1,729		
32	Not directly attributable				-
33	<b>Total attributable to regulated service</b>		1,729		
35	<b>Operating costs directly attributable</b>		9,567		
36	<b>Operating costs not directly attributable</b>	-	-	-	-
37	<b>Operational expenditure</b>		9,567		

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

		(\$000)
40	<b>Pass through and recoverable costs</b>	
41	<b>Pass through costs</b>	
42	Directly attributable	123
43	Not directly attributable	
44	<b>Total attributable to regulated service</b>	123
45	<b>Recoverable costs</b>	

Company Name **Westpower Limited**  
 For Year Ended **31 March 2015**

**SCHEDULE 5d: REPORT ON COST ALLOCATIONS**

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

sch ref

46	Directly attributable	4,705
47	Not directly attributable	
48	<b>Total attributable to regulated service</b>	<b>4,705</b>

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

		(\$000)	
		CY-1	Current Year (CY)
52	<b>Change in cost allocation 1</b>		
53	Cost category		
54	Original allocator or line items		
55	New allocator or line items		
56			
57	Rationale for change		
58			

		(\$000)	
		CY-1	Current Year (CY)
61	<b>Change in cost allocation 2</b>		
62	Cost category		
63	Original allocator or line items		
64	New allocator or line items		
65			
66	Rationale for change		
67			

		(\$000)	
		CY-1	Current Year (CY)
70	<b>Change in cost allocation 3</b>		
71	Cost category		
72	Original allocator or line items		
73	New allocator or line items		
74			
75	Rationale for change		
76			

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



Company Name **Westpower Limited**  
 For Year Ended **31 March 2015**

**SCHEDULE 5e: REPORT ON ASSET ALLOCATIONS**

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

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**5e(i): Regulated Service Asset Values**

	Value allocated (\$000s)
<b>Electricity distribution services</b>	
<b>Subtransmission lines</b>	
Directly attributable	16,763
Not directly attributable	
<b>Total attributable to regulated service</b>	16,763
<b>Subtransmission cables</b>	
Directly attributable	-
Not directly attributable	
<b>Total attributable to regulated service</b>	-
<b>Zone substations</b>	
Directly attributable	29,415
Not directly attributable	
<b>Total attributable to regulated service</b>	29,415
<b>Distribution and LV lines</b>	
Directly attributable	33,455
Not directly attributable	
<b>Total attributable to regulated service</b>	33,455
<b>Distribution and LV cables</b>	
Directly attributable	6,444
Not directly attributable	
<b>Total attributable to regulated service</b>	6,444
<b>Distribution substations and transformers</b>	
Directly attributable	14,260
Not directly attributable	
<b>Total attributable to regulated service</b>	14,260
<b>Distribution switchgear</b>	
Directly attributable	5,944
Not directly attributable	
<b>Total attributable to regulated service</b>	5,944
<b>Other network assets</b>	
Directly attributable	5,774
Not directly attributable	
<b>Total attributable to regulated service</b>	5,774
<b>Non-network assets</b>	
Directly attributable	365
Not directly attributable	
<b>Total attributable to regulated service</b>	365
<b>Regulated service asset value directly attributable</b>	112,420
<b>Regulated service asset value not directly attributable</b>	-
<b>Total closing RAB value</b>	112,420

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

		(\$000)	
		CY-1	Current Year (CY)
<b>Change in asset value allocation 1</b>			
Asset category		Original allocation	
Original allocator or line items		New allocation	
New allocator or line items		Difference	-
Rationale for change			
<b>Change in asset value allocation 2</b>			
Asset category		Original allocation	
Original allocator or line items		New allocation	
New allocator or line items		Difference	-
Rationale for change			
<b>Change in asset value allocation 3</b>			
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 **Westpower Limited**  
 For Year Ended **31 March 2015**

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

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

sch ref

		(\$000)	(\$000)
7	<b>6a(i): Expenditure on Assets</b>		
8	Consumer connection		89
9	System growth		244
10	Asset replacement and renewal		1,110
11	Asset relocations		-
12	Reliability, safety and environment:		
13	Quality of supply	450	
14	Legislative and regulatory	-	
15	Other reliability, safety and environment	206	
16	<b>Total reliability, safety and environment</b>		656
17	<b>Expenditure on assets</b>		2,099
18	Expenditure on non-network assets		39
19			
20	<b>Expenditure on assets</b>		2,138
21	plus Cost of financing		
22	less Value of capital contributions		50
23	plus Value of vested assets		
24			
25	<b>Capital expenditure</b>		2,088
26	<b>6a(ii): Subcomponents of Expenditure on Assets (where known)</b>		(\$000)
27	Energy efficiency and demand side management, reduction of energy losses		
28	Overhead to underground conversion		99
29	Research and development		
30	<b>6a(iii): Consumer Connection</b>		
31	<i>Consumer types defined by EDB*</i>	(\$000)	(\$000)
32	Cat 1 Domestic	51	
33	Cat 1 Non Domestic < 15kVa	17	
34	Cat 2 Non Domestic > 15kVa	19	
35	Bulk Loads > 200kVa	2	
36			
37	<i>* include additional rows if needed</i>		
38	<b>Consumer connection expenditure</b>		89
39			
40	less Capital contributions funding consumer connection expenditure		
41	<b>Consumer connection less capital contributions</b>		89
42	<b>6a(iv): System Growth and Asset Replacement and Renewal</b>		
43		System Growth	Asset Replacement and Renewal
44		(\$000)	(\$000)
45	Subtransmission		172
46	Zone substations		425
47	Distribution and LV lines	7	276
48	Distribution and LV cables		91
49	Distribution substations and transformers	237	48
50	Distribution switchgear		17
51	Other network assets		81
52	<b>System growth and asset replacement and renewal expenditure</b>	244	1,110
53	less Capital contributions funding system growth and asset replacement and renewal		
54	<b>System growth and asset replacement and renewal less capital contributions</b>	244	1,110
55			
56	<b>6a(v): Asset Relocations</b>		
57	<i>Project or programme*</i>	(\$000)	(\$000)
58			
59			
60			
61			
62			
63	<i>* include additional rows if needed</i>		
64	All other projects or programmes - asset relocations		
65	<b>Asset relocations expenditure</b>		-
66	less Capital contributions funding asset relocations		
67	<b>Asset relocations less capital contributions</b>		-
68			
69	<b>6a(vi): Quality of Supply</b>		
70	<i>Project or programme*</i>	(\$000)	(\$000)
71	Haupiri Statcom	85	
72	Stafford Loop - Upgrade Conductor	68	

Company Name **Westpower Limited**  
 For Year Ended **31 March 2015**

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

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

sch ref				
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77			297	
78				450
79	less	Capital contributions funding quality of supply		
80		<b>Quality of supply less capital contributions</b>		450
81		<b>6a(vii): Legislative and Regulatory</b>		
82		<i>Project or programme*</i>	(\$000)	(\$000)
83				
84				
85				
86				
87				
88				
89		All other projects or programmes - legislative and regulatory		
90		<b>Legislative and regulatory expenditure</b>		-
91	less	Capital contributions funding legislative and regulatory		
92		<b>Legislative and regulatory less capital contributions</b>		-
93		<b>6a(viii): Other Reliability, Safety and Environment</b>		
94		<i>Project or programme*</i>	(\$000)	(\$000)
95		Mt Bonar Comms Site Upgrade	138	
96				
97				
98				
99				
100				
101		All other projects or programmes - other reliability, safety and environment	68	
102		<b>Other reliability, safety and environment expenditure</b>		206
103	less	Capital contributions funding other reliability, safety and environment	50	
104		<b>Other reliability, safety and environment less capital contributions</b>		156
105				
106		<b>6a(ix): Non-Network Assets</b>		
107		<b>Routine expenditure</b>		
108		<i>Project or programme*</i>	(\$000)	(\$000)
109		EIEP 10 Upgrade	39	
110				
111				
112				
113				
114				
115		All other projects or programmes - routine expenditure		
116		<b>Routine expenditure</b>		39
117		<b>Atypical expenditure</b>		
118		<i>Project or programme*</i>	(\$000)	(\$000)
119				
120				
121				
122				
123				
124				
125		All other projects or programmes - atypical expenditure		
126		<b>Atypical expenditure</b>		-
127				
128		<b>Expenditure on non-network assets</b>		39

Company Name **Westpower Limited**  
 For Year Ended **31 March 2015**

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

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

sch ref

		(\$000)	(\$000)
7	<b>6b(i): Operational Expenditure</b>		
8	Service interruptions and emergencies	1,592	
9	Vegetation management	603	
10	Routine and corrective maintenance and inspection	3,027	
11	Asset replacement and renewal	377	
12	<b>Network opex</b>		5,599
13	System operations and network support	2,239	
14	Business support	1,729	
15	<b>Non-network opex</b>		3,968
16			
17	<b>Operational expenditure</b>		9,567
18	<b>6b(ii): Subcomponents of Operational Expenditure (where known)</b>		
19	Energy efficiency and demand side management, reduction of energy losses		
20	Direct billing*		
21	Research and development		
22	Insurance		193
23	* Direct billing expenditure by suppliers that directly bill the majority of their consumers		

Company Name	<b>Westpower Limited</b>
For Year Ended	<b>31 March 2015</b>

**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	<b>7(i): Revenue</b>	Target (\$000) <sup>1</sup>	Actual (\$000)	% variance
8	Line charge revenue	20,095	20,361	1%

9	<b>7(ii): Expenditure on Assets</b>	Forecast (\$000) <sup>2</sup>	Actual (\$000)	% variance
10	Consumer connection	95	89	(6%)
11	System growth	396	244	(38%)
12	Asset replacement and renewal	1,182	1,110	(6%)
13	Asset relocations	-	-	-
14	Reliability, safety and environment:			
15	Quality of supply	510	450	(12%)
16	Legislative and regulatory	-	-	-
17	Other reliability, safety and environment	190	206	8%
18	<b>Total reliability, safety and environment</b>	<b>700</b>	<b>656</b>	<b>(6%)</b>
19	<b>Expenditure on network assets</b>	<b>2,373</b>	<b>2,099</b>	<b>(12%)</b>
20	Expenditure on non-network assets		39	-
21	<b>Expenditure on assets</b>	<b>2,373</b>	<b>2,138</b>	<b>(10%)</b>

22	<b>7(iii): Operational Expenditure</b>			
23	Service interruptions and emergencies	478	1,592	233%
24	Vegetation management	486	603	24%
25	Routine and corrective maintenance and inspection	3,491	3,027	(13%)
26	Asset replacement and renewal	331	377	14%
27	<b>Network opex</b>	<b>4,786</b>	<b>5,599</b>	<b>17%</b>
28	System operations and network support	2,298	2,239	(3%)
29	Business support	1,827	1,729	(5%)
30	<b>Non-network opex</b>	<b>4,125</b>	<b>3,968</b>	<b>(4%)</b>
31	<b>Operational expenditure</b>	<b>8,911</b>	<b>9,567</b>	<b>7%</b>

32	<b>7(iv): Subcomponents of Expenditure on Assets (where known)</b>			
33	Energy efficiency and demand side management, reduction of energy losses		-	-
34	Overhead to underground conversion	50	99	98%
35	Research and development		-	-

37	<b>7(v): Subcomponents of Operational Expenditure (where known)</b>			
38	Energy efficiency and demand side management, reduction of energy losses		-	-
39	Direct billing		-	-
40	Research and development		-	-
41	Insurance	215	193	(10%)

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

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

**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**

**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)
WP1D	Domestic	Standard	10,570	61,755
WP1N	Non-Domestic (Small)	Standard	1,886	17,388
WP2N	Non-Domestic (Medium)	Standard	815	54,460
C2F	Non-Domestic (Medium)	Standard	17	9,105
C3F	Non-Domestic (Large)	Standard	24	71,322
C4F	Non-Domestic (Large)	Standard	3	50,867
C5F	Non-Domestic (Large)	Standard	1	1,321
		[Select one]		
		[Select one]		
		[Select one]		

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

Standard consumer totals	Average no. of ICPs in disclosure year	Energy delivered to ICPs in disclosure year (MWh)
Standard consumer totals	13,316	266,218
Non-standard consumer totals	-	-
<b>Total for all consumers</b>	<b>13,316</b>	<b>266,218</b>

Price component

	Domestic 24hr (D)	Domestic Controlled (DC)	Domestic Economy Day (DD)	Domestic Economy Night (DE)	Domestic Night Only (DN)	Domestic Fixed Charge (WP1D)	Category 1 Non Domestic 24hr (N)	Category 1 Non Domestic Controlled (NC)	Category 1 Non Domestic Economy Day (ND)	Category 1 Non Domestic Economy Night (NE)
	kWh	kWh	kWh	kWh	kWh	\$/day	kWh	kWh	kWh	kWh
	37,865,782	13,395,218	5,781,445	3,908,220	803,836	-	12,136,002	846,282	1,971,253	1,050,990
	-	-	-	-	-	-	-	-	-	-
	37,865,782	13,395,218	5,781,445	3,908,220	803,836	-	12,136,002	846,282	1,971,253	1,050,990

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

**Line charge revenues (\$000) by price component**

Consumer group name or price category code	Consumer type or types (eg, residential, commercial etc.)	Standard or non-standard consumer group (specify)	Total line charge revenue in disclosure year	Notional revenue foregone from posted discounts (if applicable)
WP1D	Domestic	Standard	\$6,998	
WP1N	Non-Domestic (Small)	Standard	\$2,432	
WP2N	Non-Domestic (Medium)	Standard	\$5,740	
C2F	Non-Domestic (Medium)	Standard	\$719	
C3F	Non-Domestic (Large)	Standard	\$3,437	
C4F	Non-Domestic (Large)	Standard	\$688	
C5F	Non-Domestic (Large)	Standard	\$347	
		[Select one]	-	
		[Select one]	-	
		[Select one]	-	

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

Standard consumer totals	Total line charge revenue in disclosure year	Notional revenue foregone from posted discounts (if applicable)
Standard consumer totals	\$20,361	-
Non-standard consumer totals	-	-
<b>Total for all consumers</b>	<b>\$20,361</b>	<b>-</b>

Total transmission line charge revenue

Total distribution line charge revenue	Total transmission line charge revenue (if available)
\$5,852	\$1,146
\$2,098	\$334
\$4,861	\$879
\$496	\$223
\$1,926	\$1,511
\$305	\$383
\$152	\$195
\$15,690	\$4,671
-	-
\$15,690	\$4,671

Rate (eg, \$ per day, \$ per kWh, etc.)

	Domestic 24hr (D)	Domestic Controlled (DC)	Domestic Economy Day (DD)	Domestic Economy Night (DE)	Domestic Night Only (DN)	Domestic Fixed Charge (WP1D)	Category 1 Non Domestic 24hr (N)	Category 1 Non Domestic Controlled (NC)	Category 1 Non Domestic Economy Day (ND)	Category 1 Non Domestic Economy Night (NE)
	kWh	kWh	kWh	kWh	kWh	\$/day	kWh	kWh	kWh	kWh
	\$4,592	\$967	\$818	\$21	\$23	\$577	\$1,455	\$60	\$275	\$6
	-	-	-	-	-	-	-	-	-	-
	\$4,592	\$967	\$818	\$21	\$23	\$577	\$1,455	\$60	\$275	\$6

**8(iii): Number of ICPs directly billed**

Number of directly billed ICPs at year end

Check  OK

Company Name	<b>Westpower Limited</b>
For Year Ended	<b>31 March 2015</b>
Network / Sub-Network Name	

Category 1 Non Domestic Night Only (NN)	Streetlighting (SL)	Streetlighting Fixed Charge (WPSL)	Category 1 Non Domestic Fixed Charge (WP1N)	Category 2 Non Domestic 24hr (U1)	Category 2 Non Domestic Controlled (U2)	Category 2 Non Domestic Economy Day (U3N)	Category 2 Non Domestic Economy Night (U3L)	Category 2 Non Domestic Night (U5)	Category 2 Fixed Distribution Charge (WP2N)	Category 2 Time of Use Metering Peak Charge (C2P)	Category 2 Time of Use Metering Fixed Annual Capacity Charge (C2F)	Category 3 Peak Charge (C3P)	Transpower Coincident Peak Charge (C3CP)	Category 3 Fixed Annual Capacity Charge (C3F)	Category 4 Peak Charge (C4P)	Category 4 Transpower Coincident Peak Charge (C4CP)	Category 4 Fixed Annual Capacity Charge (C4F)	Category 5 Peak Charge (C5P)	Category 5 Transpower Coincident Peak Charge (C5CP)	Category 5 Fixed Annual Capacity Charge
kWh	kWh	\$/day	\$/day	kWh	kWh	kWh	kWh	kWh	\$/kW/day	\$/kW/day	\$/kVa/day	\$/kW/day	\$/kW/day	\$/kVa/day	\$/kW/day	\$/kW/day	\$/kVa/day	\$/kW/day	\$/kW/day	\$/kVa/day
25,721	1,357,800			26,925,788	2,919,764	16,242,488	8,311,715	60,738		9,105										
												71,322			50,867,190				1,321,081	
25,721	1,357,800	-	-	26,925,788	2,919,764	16,242,488	8,311,715	60,738	-	9,105	-	71,322	-	-	50,867,190	-	-	1,321,081	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25,721	1,357,800	-	-	26,925,788	2,919,764	16,242,488	8,311,715	60,738	-	9,105	-	71,322	-	-	50,867,190	-	-	1,321,081	-	-

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

Category 1 Non Domestic Night Only (NN)	Streetlighting (SL)	Streetlighting Fixed Charge (WPSL)	Category 1 Non Domestic Fixed Charge (WP1N)	Category 2 Non Domestic 24hr (U1)	Category 2 Non Domestic Controlled (U2)	Category 2 Non Domestic Economy Day (U3N)	Category 2 Non Domestic Economy Night (U3L)	Category 2 Non Domestic Night (U5)	Category 2 Fixed Distribution Charge (WP2N)	Category 2 Time of Use Metering Peak Charge (C2P)	Category 2 Time of Use Metering Fixed Annual Capacity Charge (C2F)	Category 3 Peak Charge (C3P)	Transpower Coincident Peak Charge (C3CP)	Category 3 Fixed Annual Capacity Charge (C3F)	Category 4 Peak Charge (C4P)	Category 4 Transpower Coincident Peak Charge (C4CP)	Category 4 Fixed Annual Capacity Charge (C4F)	Category 5 Peak Charge (C5P)	Category 5 Transpower Coincident Peak Charge (C5CP)	Category 5 Fixed Annual Capacity Charge
kWh	kWh	\$/day	\$/day	kWh	kWh	kWh	kWh	kWh	\$/kW/day	\$/kW/day	\$/kVa/day	\$/kW/day	\$/kW/day	\$/kVa/day	\$/kW/day	\$/kW/day	\$/kVa/day	\$/kW/day	\$/kW/day	\$/kVa/day
\$1	\$82	\$71	\$482	\$2,785	\$101	\$1,825	\$20	\$1	\$1,008	\$636	\$83	\$850	\$992	\$1,595	\$149	\$283	\$256	\$21	\$18	\$308
\$1	\$82	\$71	\$482	\$2,785	\$101	\$1,825	\$20	\$1	\$1,008	\$636	\$83	\$850	\$992	\$1,595	\$149	\$283	\$256	\$21	\$18	\$308
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
\$1	\$82	\$71	\$482	\$2,785	\$101	\$1,825	\$20	\$1	\$1,008	\$636	\$83	\$850	\$992	\$1,595	\$149	\$283	\$256	\$21	\$18	\$308

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

Company Name	Westpower Limited
For Year Ended	31 March 2015
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	Voltage	Asset category	Asset class	Units	Items at start of	Items at end of	Net change	Data accuracy (1-4)
					year (quantity)	year (quantity)		
8	All	Overhead Line	Concrete poles / steel structure	No.	13,304	13,880	576	4
9	All	Overhead Line	Wood poles	No.	6,059	5,919	(140)	4
10	All	Overhead Line	Other pole types	No.			-	[Select one]
11	HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km	331	331	(0)	4
12	HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	9	9	(0)	4
13	HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km			-	[Select one]
14	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km			-	[Select one]
15	HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km			-	[Select one]
16	HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km			-	[Select one]
17	HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km			-	[Select one]
18	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km			-	[Select one]
19	HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km			-	[Select one]
20	HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km			-	[Select one]
21	HV	Subtransmission Cable	Subtransmission submarine cable	km			-	[Select one]
22	HV	Zone substation Buildings	Zone substations up to 66kV	No.	17	17	-	4
23	HV	Zone substation Buildings	Zone substations 110kV+	No.	2	2	-	4
24	HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.			-	[Select one]
25	HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.	15	15	-	4
26	HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.			-	[Select one]
27	HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.	68	68	-	4
28	HV	Zone substation switchgear	33kV RMU	No.			-	[Select one]
29	HV	Zone substation switchgear	22/33kV CB (Indoor)	No.	1	1	-	4
30	HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.	28	27	(1)	4
31	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.	66	60	(6)	4
32	HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.	17	16	(1)	4
33	HV	Zone Substation Transformer	Zone Substation Transformers	No.	25	25	-	4
34	HV	Distribution Line	Distribution OH Open Wire Conductor	km	1,478	1,485	7	4
35	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km	1	1	-	4
36	HV	Distribution Line	SWER conductor	km			-	[Select one]
37	HV	Distribution Cable	Distribution UG XLPE or PVC	km	59	61	2	2
38	HV	Distribution Cable	Distribution UG PILC	km	9	8	(1)	4
39	HV	Distribution Cable	Distribution Submarine Cable	km			-	[Select one]
40	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.	71	72	1	4
41	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.			-	[Select one]
42	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	637	694	57	4
43	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.			-	[Select one]
44	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.	55	55	-	4
45	HV	Distribution Transformer	Pole Mounted Transformer	No.	2,099	2,153	54	3
46	HV	Distribution Transformer	Ground Mounted Transformer	No.	283	280	(3)	3
47	HV	Distribution Transformer	Voltage regulators	No.	4	4	-	4
48	HV	Distribution Substations	Ground Mounted Substation Housing	No.			-	[Select one]
49	LV	LV Line	LV OH Conductor	km	188	190	2	2
50	LV	LV Cable	LV UG Cable	km	170	177	7	2
51	LV	LV Street lighting	LV OH/UG Streetlight circuit	km			-	[Select one]
52	LV	Connections	OH/UG consumer service connections	No.	13,237	13,250	13	3
53	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.			-	[Select one]
54	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	1	1	-	4
55	All	Capacitor Banks	Capacitors including controls	No.	15	15	-	4
56	All	Load Control	Centralised plant	Lot	5	5	-	4
57	All	Load Control	Relays	No.			-	[Select one]
58	All	Civils	Cable Tunnels	km			-	[Select one]





Company Name	Westpower Limited
For Year Ended	31 March 2015
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		Total circuit length		
		Overhead (km)	Underground (km)	(km)
9				
10	<b>Circuit length by operating voltage (at year end)</b>			
11	> 66kV	9		9
12	50kV & 66kV	61		61
13	33kV	270	0	270
14	SWER (all SWER voltages)			–
15	22kV (other than SWER)			–
16	6.6kV to 11kV (inclusive—other than SWER)	1,485	69	1,554
17	Low voltage (< 1kV)	190	176	366
18	<b>Total circuit length (for supply)</b>	<b>2,014</b>	<b>245</b>	<b>2,260</b>
19				
20	Dedicated street lighting circuit length (km)			–
21	Circuit in sensitive areas (conservation areas, iwi territory etc) (km)			287
22				
23	<b>Overhead circuit length by terrain (at year end)</b>			
24	Urban	149		7%
25	Rural	1,682		84%
26	Remote only	150		7%
27	Rugged only	6		0%
28	Remote and rugged	27		1%
29	Unallocated overhead lines			–
30	<b>Total overhead length</b>	<b>2,014</b>		<b>100%</b>
31				
32				
33	Length of circuit within 10km of coastline or geothermal areas (where known)	857		38%
34				
35	Overhead circuit requiring vegetation management	797		40%

Company Name **Westpower Limited**  
 For Year Ended **31 March 2015**

**SCHEDULE 9d: REPORT ON EMBEDDED NETWORKS**

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

sch ref

sch ref	Location *	Number of ICPs served	Line charge revenue (\$000)
8			
9			
10			
11			
12			
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14			
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20			
21			
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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	Westpower Limited
For Year Ended	31 March 2015
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	<b>9e(i): Consumer Connections</b>		
9	Number of ICPs connected in year by consumer type		
10	Consumer types defined by EDB*	Number of connections (ICPs)	
11	WP1D Category 1 Domestic	10,607	
12	WP1N Category 1 Non-domestic (Small)	1,900	
13	WP2N Category 2 non-domestic (Medium)	819	
14	C2F Category 2 Time of Use (Medium)	17	
15	C3F Category 3 Time of Use (Large)	24	
16	C4F Category 4 Time of Use (Large)	3	
17	C5F Category 5 Time of Use (Large)	1	
18	* include additional rows if needed		
19	<b>Connections total</b>	<b>13,371</b>	
20	<b>Distributed generation</b>		
21	Number of connections made in year	4	connections
22	Capacity of distributed generation installed in year	0.71	MVA
23	<b>9e(ii): System Demand</b>		
24			
25	<b>Maximum coincident system demand</b>	<b>Demand at time of maximum coincident demand (MW)</b>	
26	GXP demand	16	
27	plus Distributed generation output at HV and above	25	
28	<b>Maximum coincident system demand</b>	<b>41</b>	
29	less Net transfers to (from) other EDBs at HV and above		
30	<b>Demand on system for supply to consumers' connection points</b>	<b>41</b>	
31	<b>Electricity volumes carried</b>	<b>Energy (GWh)</b>	
32	Electricity supplied from GXPs	177	
33	less Electricity exports to GXPs	40	
34	plus Electricity supplied from distributed generation	148	
35	less Net electricity supplied to (from) other EDBs		
36	<b>Electricity entering system for supply to consumers' connection points</b>	<b>284</b>	
37	less Total energy delivered to ICPs	266	
38	<b>Electricity losses (loss ratio)</b>	<b>18</b>	<b>6.2%</b>
39			
40	<b>Load factor</b>	<b>79%</b>	
41	<b>9e(iii): Transformer Capacity</b>		
42		<b>(MVA)</b>	
43	Distribution transformer capacity (EDB owned)	150	
44	Distribution transformer capacity (Non-EDB owned, estimated)	34	
45	<b>Total distribution transformer capacity</b>	<b>184</b>	
46			
47	<b>Zone substation transformer capacity</b>	<b>200</b>	

Company Name	Westpower Limited
For Year Ended	31 March 2015
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

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**10(i): Interruptions**

**Interruptions by class**

- Class A (planned interruptions by Transpower)
- Class B (planned interruptions on the network)
- Class C (unplanned interruptions on the network)
- Class D (unplanned interruptions by Transpower)
- 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**

**Number of interruptions**

	89
	221
	310

**Interruption restoration**

- Class C interruptions restored within

**≤3Hrs      >3hrs**

	143	78
--	-----	----

**SAIFI and SAIDI by class**

- Class A (planned interruptions by Transpower)
- Class B (planned interruptions on the network)
- Class C (unplanned interruptions on the network)
- Class D (unplanned interruptions by Transpower)
- 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**

**SAIFI      SAIDI**

	0.19	45.22
	3.15	555.16
	3.34	600.4

**Normalised SAIFI and SAIDI**

- Classes B & C (interruptions on the network)

**Normalised SAIFI      Normalised SAIDI**

	2.14	152.58
--	------	--------

**Quality path normalised reliability limit**

- SAIFI and SAIDI limits applicable to disclosure year\*
- \* not applicable to exempt EDBs

**SAIFI reliability limit      SAIDI reliability limit**

n/a	n/a
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Company Name	Westpower Limited
For Year Ended	31 March 2015
Network / Sub-network Name	

**SCHEDULE 10: REPORT ON NETWORK RELIABILITY**

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

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

Cause	SAIFI	SAIDI
Lightning	0.00	0.70
Vegetation	0.49	71.41
Adverse weather	1.73	448.09
Adverse environment	0.06	1.40
Third party interference	0.11	6.20
Wildlife	0.20	6.26
Human error	0.01	0.03
Defective equipment	0.10	6.76
Cause unknown	0.45	14.31

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

Main equipment involved	SAIFI	SAIDI
Subtransmission lines	0.00	0.10
Subtransmission cables		
Subtransmission other		
Distribution lines (excluding LV)	0.19	45.12
Distribution cables (excluding LV)		
Distribution other (excluding LV)		

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

Main equipment involved	SAIFI	SAIDI
Subtransmission lines	0.81	232.83
Subtransmission cables		
Subtransmission other		
Distribution lines (excluding LV)	2.34	322.33
Distribution cables (excluding LV)		
Distribution other (excluding LV)		

**10(v): Fault Rate**

Main equipment involved	Number of Faults	Circuit length (km)	Fault rate (faults per 100km)
Subtransmission lines	26	339	7.67
Subtransmission cables			-
Subtransmission other			
Distribution lines (excluding LV)	195	1,485	13.13
Distribution cables (excluding LV)			-
Distribution other (excluding LV)			
<b>Total</b>	<b>221</b>		