ID-Only Regulated Provider Information Disclosure Requirements

Information Templates

for

Schedules 1–13

Company name	Enable Networks Limited
Disclosure Date	30 November 2023
Disclosure Year (year ended)	30 June 2023

Templates for Schedules 1–13
Template Version 2. Prepared 28 July 2022

Workbook Version History

Workbook Version and Date	Determination
v1, 30 November 2021	Fibre ID Determination 2021 [2021] NZCC 24
v2, 28 July 2022	Fibre ID Amendment Determination 2022 [2022] NZCC 26

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	Company name	Enable Networks Limited
	For disclosure-year ended	30 June 2023

SCHEDULE 1: REPORT ON ID FFLAS RETURN ON INVESTMENT (ID-ONLY REGULATED PROVIDER)

This Schedule requires information on the Return on Investment (ROI) relative to the Commerce Commission's estimates of post tax WACC and vanilla WACC.

ID-only regulated providers must provide explanatory comment on their ROI in Schedule 14A (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.

sch ref		CY-2	CY-1	Current Year CY
7	**1(i): Return on Investment**	30 Jun 21	30 Jun 22	30 Jun 23
8		%	%	%
9	**ROI – comparable to a post-tax WACC**			
10	Reflecting all revenue earned		9.26%	9.93%
11				
12	**Mid-point estimate of post-tax WACC**		5.54%	6.66%
13				
14				
15	**ROI – comparable to a vanilla WACC**			
16	Reflecting all revenue earned		9.58%	10.38%
17				
18	**Mid-point estimate of vanilla WACC**		5.86%	7.11%
19	**Standard error**		1.31%	1.31%
20	**1(ii): Information Supporting the ROI**			($000)
21				
22	**Opening RAB value**			606,632
23				
24	**Operating revenue**			101,411
25				
26	Expenditure		23,668	
27	*add* Assets commissioned		37,016	
28	*less* Asset disposals		-	
29	*add* Tax payments		11,881	
30	*less* Other regulated income		464	
31	**Mid-year net cash outflows**			72,101
32				
33	**Term credit spread differential allowance**			678
34				
35	Total closing RAB value		641,096	
36	*less* Adjustment resulting from asset allocation		-	
37	**Closing RAB value**			641,096
38				
39	**ROI – comparable to a vanilla WACC**			10.38%
40				
41	Leverage (%)			29%
42	Cost of debt assumption (%)			5.46%
43	Corporate tax rate (%)			28%
44				
45	**ROI – comparable to a post-tax WACC**			9.93%
46				

		Company name	**Enable Networks Limited**
		For disclosure-year ended	**30 June 2023**

SCHEDULE 2: REPORT ON REGULATORY PROFIT

This Schedule requires information on the calculation of regulatory profit for ID-only regulated providers for the disclosure year, including providing explanatory comment on their regulatory profit in Schedule 14A (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.

sch ref			
7	**2(i): Regulatory Profit**		**($000)**
8	**Regulatory income**		
9	Operating revenue		101,411
10	*plus*	Gains / (losses) on asset disposals	6
11	*plus*	Other regulated income (other than gains / (losses) on asset disposals)	458
12			
13	**Total regulatory income**		101,875
14	**Expenditure**		
15	*less*	Operating expenditure	20,758
16			
17	*less*	Pass-through costs	2,910
18			
19	**Operating surplus / (deficit)**		78,207
20			
21	*less*	Total Depreciation	39,128
22			
23	*plus*	Total Revaluations	36,576
24			
25	**Regulatory profit / (loss) before tax**		75,655
26			
27	*less*	Term credit spread differential allowance	678
28			
29	*less*	Regulatory tax allowance	11,881
30			
31	**Regulatory profit/(loss)**		63,095
32			
33	**2(ii): Pass-through Costs**		**($000)**
34	**Pass through costs**		
35	Rates		2,271
36	Telecommunications Act levies - sections 11,12		348
37	Telecommunications Act levies - sections 87,88		236
38	Dispute resolution scheme levies		55
39	**Pass-through costs**		2,910
40			
41	**2(iii): Merger and Acquisition Expenditure**		
42			**($000)**
43	Merger and acquisition expenditure		
44			
45	*Provide commentary on the benefits of merger and acquisition expenditure to the regulated provider, including required disclosures in accordance with Schedule 14A (Mandatory Explanatory Notes)*		
46			
47			
48			
49			

		Company name	**Enable Networks Limited**
		For disclosure-year ended	**30 June 2023**

SCHEDULE 3: REPORT ON REGULATORY TAX ALLOWANCE

This Schedule requires information from each ID-regulated provider on their calculation of regulatory tax allowance. This information is used to calculate regulatory profit/loss in Schedule 2 (Report on Regulatory Profit).

ID-only regulated providers must provide explanatory commentary on the information disclosed in this Schedule in Schedule 14A (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.

sch ref

7		**3(i): Regulatory Tax Allowance**		**($000)**
8		**Regulatory profit / (loss) before tax**		75,655
9				
10	*plus*	Depreciation	39,128	
11	*less*	Tax depreciation	29,382	
12		**Permanent differences:**		
13	*plus*	Income not included in regulatory profit / (loss) before tax but taxable	- *	
14		Expenditure or loss in regulatory profit / (loss) before tax but not deductible	26 *	
15				
16	*less*	Income included in regulatory profit / (loss) before tax but not taxable	*	
17		Expenditure or loss deductible but not in regulatory profit / (loss) before tax	- *	
18				26
19	*less*	Total revaluations		36,576
20				
21		**Temporary differences:**		
22	*plus*	Income not included in regulatory profit / (loss) before tax but taxable	3,015 *	
23		Expenditure or loss in regulatory profit / (loss) before tax but not deductible	309 *	
24				
25	*less*	Income included in regulatory profit / (loss) before tax but not taxable	*	
26		Expenditure or loss deductible but not in regulatory profit / (loss) before tax	136 *	
27				3,188
28	*less*	Notional deductible interest		9,605
29				
30		**Regulatory taxable income**		42,434
31				
32	*less*	Utilised tax losses	-	
33		Regulatory net taxable income		42,434
34				
35		Corporate tax rate (%)	28%	
36		**Regulatory tax allowance**		11,881
37				
38		* Workings to be provided in Schedule 14A		
39				
40				
41		**3(ii): Disclosure of Permanent and Temporary Differences**		
42		*In Schedule 14, Box 5 and Box 6, provide descriptions and workings of items recorded in the asterisked categories in Schedule 5a(i).*		
43				
44		**3(iii): Reconciliation of Tax Losses**		**($000)**
45				
46		**Opening tax losses**	-	
47	*plus*	Current period tax losses		
48	*less*	Utilised tax losses		
49		**Closing tax losses**		-
50		**3(iv): Regulatory Tax Asset Base Roll-Forward**		
51				**($000)**
52		**Opening sum of regulatory tax asset values**	465,850	
53	*less*	Tax depreciation	29,382	
54	*plus*	Regulatory tax asset value of assets commissioned	39,829	
55	*less*	Regulatory tax asset value of asset disposals	2	
56	*plus*	Adjustment resulting from asset allocation		
57	*plus*	Other adjustments to the RAB tax value		
58		**Closing sum of regulatory tax asset values**		476,295
59				

	Company name	**Enable Networks Limited**
	For disclosure-year ended	**30 June 2023**

SCHEDULE 4: REPORT ON VALUE OF THE ID FFLAS REGULATORY ASSET BASE ROLLED FORWARD

This Schedule requires information on the calculation of the ID FFLAS Regulatory Asset Base (RAB) value to the end of each disclosure year. This informs the ROI calculation in Schedule 1.

ID-only regulated providers must provide explanatory commentary on the information disclosed in this Schedule in Schedule 14A (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.

sch ref

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

sch ref		RAB CY-4 ($000)	RAB CY-3 ($000)	RAB CY-2 ($000)	RAB CY-1 ($000)	RAB CY ($000)
7 8 9						
10	Total opening RAB value					606,632
11						
12	*less* Depreciation					39,128
13						
14	*plus* Revaluations					36,576
15						
16	*plus* Assets commissioned					37,016
17						
18	*less* Asset disposals					–
19						
20	*less* Adjustment to loss asset due to deregulation					-
21						
22	*plus* Adjustment resulting from asset allocation					–
23						
24	Total closing RAB value	-	-	-	-	641,096
25						

4(ii): Unallocated Regulatory Asset Base

sch ref		Unallocated RAB * ($000)	($000)	($000)	RAB ($000)
26 27 28					
29	Total opening RAB value		606,632		606,632
30					
31	*less*				
32	Depreciation	–			39,128
33	*plus*				
34	Revaluations	–			36,576
35	*plus*				
36	Assets commissioned (other than below)			37,016	
37	Assets acquired from a regulated supplier				
38	Assets acquired from a related party				
39	Assets commissioned	–			37,016
40	*less*				
41	Asset disposals (other than below)				
42	Asset disposals to a regulated supplier				
43	Asset disposals to a related party				
44	Asset disposals	–			–
45					
46	*less* Adjustment to loss asset due to deregulation				–
47					
48	*plus* Adjustment resulting from asset allocation				–
49					
50	Total closing RAB value	-			641,096

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

	Company name	**Enable Networks Limited**
	For disclosure-year ended	**30 June 2023**

SCHEDULE 4: REPORT ON VALUE OF THE ID FFLAS REGULATORY ASSET BASE ROLLED FORWARD

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sch ref

			Unallocated RAB *		RAB	
52						
53	**4(iii): Calculation of Revaluation Rate and Revaluation of Assets**					
54						
55		CPI_t				1,231
56		CPI_{t-1}				1,161
57		Revaluation rate (%)				6.03%
58						
59			**Unallocated RAB ***		**RAB**	
60			**($000)**	**($000)**	**($000)**	**($000)**
61		Total opening RAB value	-		606,632	
62	*less*	Opening value of fully depreciated and disposed assets				
63						
64		Total opening RAB value subject to revaluation	-		606,632	
65		**Revaluations**	-		36,576	
66						
67	**4(iv): Roll Forward of Works Under Construction**					
68			**Unallocated works under construction**		**Allocated works under construction**	
69		**Works under construction—preceding disclosure year**			9,884	
70	*plus*	Capital expenditure			38,395	
71	*less*	Assets commissioned	-		37,016	
72	*plus*	Adjustment resulting from asset allocation				
73		**Works under construction - current disclosure year**	-		11,263	
74						
75		Highest rate of capitalised finance applied				
76						

Company name	**Enable Networks Limited**
For disclosure-year ended	**30 June 2023**

SCHEDULE 4: REPORT ON VALUE OF THE ID FFLAS REGULATORY ASSET BASE ROLLED FORWARD

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sch ref

4(v): Regulatory Depreciation

		Unallocated RAB *		RAB	
		($000)	($000)	($000)	($000)
80	Depreciation - GAAP			22,389	
81	Depreciation - alternative method			16,739	
82	**Total depreciation**		-		39,128

4(vi): Disclosure of Changes to Depreciation Methods

($000 unless otherwise specified)

Asset category or assets with changes to depreciation*	Reason for change of method (text entry)	Depreciation charge for the period (RAB)	Closing RAB value under 'alternative method' depreciation	Closing RAB value under 'GAAP' depreciation

* include additional rows if needed

4(vii): Disclosure by Asset Category

Layer 1 assets	Opening RAB value	Less depreciation	Plus revaluations	Plus assets commissioned	Less asset disposals	Plus asset allocation adjustment	Plus asset category transfers	Total	Weighted average remaining asset life	Weighted average expected total life
Ducts and Manholes	430,161	9,720	25,936	24,096	-	-	-	470,473	44	50
Fibre Optic Cable	36,498	1,485	2,201	1,694	-	-	-	38,908	24	30
Fibre Service Leads	-			-	-	-	-	-		
Poles	-			-	-	-	-	-		
FTTN / FTTP Cabinets	23,476	1,656	1,415	416	-	-	-	23,652	14	20
Network Equipment	-	-	-	-	-	-	-	-		
Information Technology	637	308	38	225	-	-	-	592	-	3
Other Layer 1 assets	-			-	-	-	-	-		
Total Layer 1 closing RAB value	490,773	13,169	29,590	26,431	-	-	-	533,625		

Layer 2 assets	Opening RAB value	Less depreciation	Plus revaluations	Plus assets commissioned	Less asset disposals	Plus asset allocation adjustment	Plus asset category transfers	Total	Weighted average remaining asset life	Weighted average expected total life
FTTN / FTTP Cabinets	-			-	-	-	-	-		
Network Equipment	7,576	3,778	457	4,773	-	-	-	9,028	2	5
Information Technology	-	-	-	1,218	-	-	-	1,218	3	4
Other Layer 2 assets	-	-	-	-	-	-	-	-		
Total Layer 2 closing RAB value	7,576	3,778	457	5,991	-	-	-	10,246		

Other Network Assets	Opening RAB value	Less depreciation	Plus revaluations	Plus assets commissioned	Less asset disposals	Plus asset allocation adjustment	Plus asset category transfers	Total	Weighted average remaining asset life	Weighted average expected total life
Network land and buildings	10,008	162	603	104	-	-	-	10,554	38	47
Other network assets	1,457	373	88	899	-	-	-	2,071	5	9
Total network assets	509,814	17,482	30,738	33,425	-	-	-	556,495		

	Company name	Enable Networks Limited
	For disclosure-year ended	30 June 2023

SCHEDULE 4: REPORT ON VALUE OF THE ID FFLAS REGULATORY ASSET BASE ROLLED FORWARD

This Schedule requires information on the calculation of the ID FFLAS Regulatory Asset Base (RAB) value to the end of each disclosure year. This informs the ROI calculation in Schedule 1.

ID-only regulated providers must provide explanatory commentary on the information disclosed in this Schedule in Schedule 14A (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.

sch ref

	Non-Network Assets	Opening RAB value	Less depreciation	Plus revaluations	Plus assets commissioned	Less asset disposals	Plus asset allocation adjustment	Plus asset category transfers	Total	Weighted average remaining asset life	Weighted average expected total life
117											
118	Non-network land and buildings	4,121	469	248	163	-	-	-	4,063	8	10
119	Non-network IT hardware/software	7,276	3,979	439	2,496	-	-	-	6,231	0	3
120	Other non-network assets	3,051	459	184	932	-	-	-	3,708		
121	**Total non-network assets**	14,448	4,907	871	3,591	-	-	-	14,003		
122											
123	**Total - core fibre assets**	524,262	22,389	31,609	37,016	-	-	-	570,498		

		Opening RAB value	Less depreciation	Plus revaluations		Less adjustment due to deregulation /disposal			Total	Weighted average remaining asset life	Weighted average expected total life
124											
125	**Financial loss asset**	82,370	16,739	4,966		-			70,598	13	14
126											
127	**Total RAB**	606,632	39,128	36,576	37,016	-	-	-	641,096		
128											

Company name	**Enable Networks Limited**
For disclosure-year ended	**30 June 2023**

SCHEDULE 4a: 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.

ID-only regulated providers must provide explanatory commentary on the information disclosed in this Schedule, in Schedule 14A (Mandatory Explanatory Notes), including on the impact of any changes in asset allocations.

This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.

sch ref

7 4a(i): Regulated Service Asset Values

	Value allocated ($000s)		
NETWORK ASSETS - LAYER 1	ID-FFLAS	Non-FFLAS	Total
Ducts and Manholes			
10 Directly attributable	470,473		
11 Not directly attributable			
12 **Total attributable to regulated service**	470,473	-	-
Fibre Optic Cable			
14 Directly attributable	38,908		
15 Not directly attributable			
16 **Total attributable to regulated service**	38,908	-	-
Fibre Service Leads			
18 Directly attributable	-		
19 Not directly attributable			
20 **Total attributable to regulated service**	-	-	-
Local Access Copper Cable (Poles)			
22 Directly attributable			
23 Not directly attributable			
24 **Total attributable to regulated service**	-	-	-
FTTN/FTTP Cabinets			
26 Directly attributable	23,652		
27 Not directly attributable			
28 **Total attributable to regulated service**	23,652	-	-
Network Equipment			
30 Directly attributable	-		
31 Not directly attributable			
32 **Total attributable to regulated service**	-	-	-
Information Technology			
34 Directly attributable	592		
35 Not directly attributable			
36 **Total attributable to regulated service**	592	-	-
Other Layer 1 assets			
38 Directly attributable			
39 Not directly attributable			
40 **Total attributable to regulated service**	-	-	-
NETWORK ASSETS - LAYER 2			
FTTN/FTTP Cabinets			
44 Directly attributable			
45 Not directly attributable			
46 **Total attributable to regulated service**	-	-	-
Network Equipment			
48 Directly attributable	9,028		
49 Not directly attributable			
50 **Total attributable to regulated service**	9,028	-	-
Information Technology			
52 Directly attributable	1,218		
53 Not directly attributable			
54 **Total attributable to regulated service**	1,218	-	-
Other Layer 2 assets			
56 Directly attributable	-		
57 Not directly attributable			
58 **Total attributable to regulated service**	-	-	-
OTHER NETWORK ASSETS			
Network land and buildings			
62 Directly attributable	10,554		
63 Not directly attributable			
64 **Total attributable to regulated service**	10,554	-	-
Other network assets			
66 Directly attributable	2,071		
67 Not directly attributable			
68 **Total attributable to regulated service**	2,071	-	-
NON-NETWORK ASSETS			
Non-network land and buildings			
72 Directly attributable	4,063		
73 Not directly attributable			
74 **Total attributable to regulated service**	4,063	-	-
Non-network IT hardware/software			
76 Directly attributable	6,231		
77 Not directly attributable			
78 **Total attributable to regulated service**	6,231	-	-
Other non-network assets			
80 Directly attributable	3,708		
81 Not directly attributable			
82 **Total attributable to regulated service**	3,708	-	-
84 **Regulated service asset value directly attributable**	570,498		-
85 **Regulated service asset value not directly attributable**	-	-	-
86 **Financial loss asset**	70,598		70,598
87 **Total closing RAB value**	641,096	-	-

4a(ii): Changes in Asset Allocations* †

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

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

		($000)	
Change in asset value allocation 3		CY-1	Current Year (CY)
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	**Enable Networks Limited**	
		For disclosure-year ended	**30 June 2023**	

SCHEDULE 5: REPORT ON OPERATING EXPENDITURE FOR THE DISCLOSURE YEAR

This Schedule requires a breakdown of operating expenditure incurred in a disclosure year.

ID-only regulated providers must provide explanatory commentary on the information disclosed in this Schedule, in Schedule 14A (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.

sch ref

5(i): Operating Expenditure $000

	Level 1 category		Level 2 category	$000
10	Customer opex		Customer operations	
11			Product, sales & marketing	
12		5,535	Total customer opex	-
13	Network opex		Maintenance	
14			Network operations	
15			Network operating costs	
16		5,787	Total network opex	-
17	Support opex		Asset management	
18			Corporate opex	
19			Technology	
20		9,436	Total support opex	-
21	Total	20,758		20,758

5(ii): Subcomponents of Operating Expenditure

23	Research and development	
24	Insurance expenditure	324
25		

	Company name	**Enable Networks Limited**
	For disclosure-year ended	**30 June 2023**

SCHEDULE 5a: REPORT ON COST ALLOCATIONS

This Schedule provides information on the allocation of operating costs.

ID-only regulated providers must provide explanatory commentary on the information disclosed in this Schedule, in Schedule 14A (Mandatory Explanatory Notes), including on the impact of any reclassifications.

This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.

sch ref

5a(i): Operating Cost Allocations

		Level 1 Category		Level 2 category		
				ID-FFLAS	**Non-FFLAS**	**Total Shared Costs**
10	**Customer operations**					
11	Directly attributable			-		
12	Not directly attributable					-
13	**Total attributable to regulated service**			-		
14	**Product, sales & marketing**					
15	Directly attributable			-		
16	Not directly attributable					-
17	**Total attributable to regulated service**			-		
18	**Customer opex**	**ID-FFLAS**	**Non-FFLAS**			
19	Directly attributable	5,535		-		
20	Not directly attributable		-	-	-	-
21	**Total attributable to regulated service**	5,535		-		
22	**Maintenance**					
23	Directly attributable			-		
24	Not directly attributable					-
25	**Total attributable to regulated service**			-		
26	**Network operations**					
27	Directly attributable			-		
28	Not directly attributable					-
29	**Total attributable to regulated service**			-		
30	**Network operating costs**					
31	Directly attributable			-		
32	Not directly attributable					-
33	**Total attributable to regulated service**			-		
34	**Network opex**	**ID-FFLAS**	**Non-FFLAS**			
35	Directly attributable	5,787		-		
36	Not directly attributable		-	-	-	-
37	**Total attributable to regulated service**	5,787		-		
38	**Asset management**					
39	Directly attributable			-		
40	Not directly attributable					-
41	**Total attributable to regulated service**			-		
42	**Corporate opex**					
43	Directly attributable			-		
44	Not directly attributable					-
45	**Total attributable to regulated service**			-		
46	**Technology**					
47	Directly attributable			-		
48	Not directly attributable					-
49	**Total attributable to regulated service**			-		

Company name	**Enable Networks Limited**	
For disclosure-year ended	**30 June 2023**	

SCHEDULE 5a: REPORT ON COST ALLOCATIONS

This Schedule provides information on the allocation of operating costs.

ID-only regulated providers must provide explanatory commentary on the information disclosed in this Schedule, in Schedule 14A (Mandatory Explanatory Notes), including on the impact of any reclassifications.

This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.

sch ref		ID-FFLAS	Non-FFLAS				
50	**Support opex**						
51	Directly attributable	9,436			-		
52	Not directly attributable			-	-	-	-
53	**Total attributable to regulated service**	9,436			-		
54							
55	**Operating costs directly attributable**	20,758			-		
56	**Operating costs not directly attributable**	-	-	-	-	-	-
57	**Operating expenditure**	20,758			-		
58							

	Company name	**Enable Networks Limited**
	For disclosure-year ended	**30 June 2023**

SCHEDULE 5a: REPORT ON COST ALLOCATIONS

This Schedule provides information on the allocation of operating costs.

ID-only regulated providers must provide explanatory commentary on the information disclosed in this Schedule, in Schedule 14A (Mandatory Explanatory Notes), including on the impact of any reclassifications.

This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.

sch ref

59	**5a(ii): Other Cost Allocations**			
60			($000)	
61	**Pass through costs**			
62	Directly attributable		2,910	
63	Not directly attributable			
64	**Total attributable to regulated service**		2,910	

				CY-1	Current Year (CY)
65	**5a(iii): Changes in Cost Allocations* †**				
66				($000)	
67	**Change in cost allocation 1**			CY-1	Current Year (CY)
68	Cost category		Original allocation		
69	Original allocator or line items		New allocation		
70	New allocator or line items		Difference	-	-
71					
72	Rationale for change				
73					
74					
75				($000)	
76	**Change in cost allocation 2**			CY-1	Current Year (CY)
77	Cost category		Original allocation		
78	Original allocator or line items		New allocation		
79	New allocator or line items		Difference	-	-
80					
81	Rationale for change				
82					
83					
84				($000)	
85	**Change in cost allocation 3**			CY-1	Current Year (CY)
86	Cost category		Original allocation		
87	Original allocator or line items		New allocation		
88	New allocator or line items		Difference	-	-
89					
90	Rationale for change				
91					
92					
93	*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.				
94	† include additional rows if needed				
95					

	Company name	**Enable Networks Limited**
	For disclosure-year ended	**30 June 2023**

SCHEDULE 6: 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. Information on expenditure on assets must be provided on an accounting accruals basis and must exclude finance costs.

ID-only regulated providers must provide explanatory commentary on the information disclosed in this Schedule, in Schedule 14A (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.

sch ref					
7	**6(i): Expenditure on Assets**			($000)	($000)
8		Level 1 category	Level 2 category		
9		Extending the network	Augmentation		
10			New property developments		
11			UFB communal		
12		7,694			-
13		Installations	Complex installations		
14			Standard installations		
15		22,819			-
16		Network capacity	Access		
17			Aggregation		
18			Transport		
19		2,513			-
20		Network sustain & enhance	Field Sustain		
21			Relocations		
22			Resilience		
23			Site Sustain		
24		963			-
25					
26		Network & customer IT	Network & Customer IT		
27		5,981			
28					
29		**Expenditure on network assets**			39,970
30					
31		Non-network IT	Business IT		
32		1,440	Corporate capex		
33		**Expenditure on non-network assets**			1,440
34		**Expenditure on assets**			41,410
35	*plus*	Cost of financing			
36	*less*	Value of capital contributions			3,015
37		**Capital expenditure**			38,395
38					
39	**6(ii):**	**Breakdown of capital contributions**		($000)	
40					
41		**Extending the network**		3,015	
42		**Installations**		-	
43		**Network capacity**		-	
44		**Network sustain & enhance**		-	
45		**Network & customer IT**		-	
46		**Total**		3,015	
47					
48					
49	**6(iii): Subcomponents of Expenditure on Assets**				
50					
51				($000)	
52		Research and development		-	
53					

Company name	**Enable Networks Limited**	
For disclosure-year ended	**30 June 2023**	

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.

ID-only regulated providers must provide explanatory commentary on the variance between actual and target revenue and forecast expenditure in Schedule 14A (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination. For the purpose of that assurance report, target revenue and forecast expenditures only need to be verified back to previous disclosures.

Total target operating revenue should equal the sum of the nominal dollar target revenue for the disclosure year across all contracts disclosed to the Commission under clause 2.5.11(2) of this determination

sch ref

7(i): Revenue

		Target ($000) [1]	Actual ($000)	% variance
7	**7(i): Revenue**			
8	Operating revenue			
9	Connection revenue	85	285	235.3%
10	Monthly access revenue	98,493	100,515	2.1%
11	Other product specific revenue		611	
12	**Total operating revenue**	98,578	101,411	3%
13				
14	**Non-financial**			
15	Connection volumes - opening	144,100	143,331	-0.5%
16	Connection volumes - closing	150,369	150,948	0.4%

7(ii): Expenditure on Assets

	Level 1 category	Level 2 category	Forecast ($000) [2]	Actual ($000)	% variance
17	**7(ii): Expenditure on Assets**				
18	**Level 1 category**	**Level 2 category**			
19	Extending the network	Augmentation		-	–
20		New property developments		-	–
21		**UFB communal**		-	–
22			3,324	7,694	131%
23	Installations	Complex installations		-	–
24		Standard installations		-	–
25			16,379	22,819	39%
26	Network capacity	Access		-	–
27		Aggregation		-	–
28		Transport		-	–
29			7,378	2,513	-66%
30	Network sustain & enhance	Field Sustain		-	–
31		Relocations		-	–
32		Resilience		-	–
33		Site Sustain		-	–
34			2,445	963	-61%
35	Network & customer IT	Network & Customer IT	8,685	5,981	(31%)
36	**Expenditure on network assets**		38,211	39,970	5%
37					
38	Non-network IT	Business IT		-	–
39		Corporate capex		-	–
40	**Expenditure on non-network assets**		1,909	1,440	-25%
41			40,120	41,410	3%

7(iii): Operating Expenditure

	Level 1 category	Level 2 category	Forecast ($000) [2]	Actual ($000)	% variance
42	**7(iii): Operating Expenditure**				
43	**Level 1 category**	**Level 2 category**			
44	**Customer opex**	Customer operations		-	–
45		Product, sales & marketing		-	–
46		**Total customer opex**	5,068	5,535	9%
47	**Network opex**	Maintenance		-	–
48		Network operations		-	–
49		Network operating costs		-	–

	Company name	Enable Networks Limited	
	For disclosure-year ended	**30 June 2023**	

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.

ID-only regulated providers must provide explanatory commentary on the variance between actual and target revenue and forecast expenditure in Schedule 14A (Mandatory Explanatory Notes).

This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination. For the purpose of that assurance report, target revenue and forecast expenditures only need to be verified back to previous disclosures.

Total target operating revenue should equal the sum of the nominal dollar target revenue for the disclosure year across all contracts disclosed to the Commission under clause 2.5.11(2) of this determination

sch ref					
50		**Total network opex**	5,218	5,787	11%
51	**Support opex**	Asset management		-	–
52		Corporate opex		-	–
53		Technology		-	–
54		**Total support opex**	13,009	9,436	(27%)
55	**Operating expenditure**		23,295	20,758	(11%)
56	**7(iv): Subcomponents of Operating Expenditure**				
57		Research and development		-	–
58		Insurance	305	324	6%
59					
60	*1 From the nominal dollar target revenue for the disclosure year disclosed under clause 2.5.11 of this determination*				
61	*2 From the CY+1 nominal dollar expenditure forecasts disclosed in accordance with clause 2.4.2 for the forecast period starting at the beginning of the disclosure year (Schedules 11 and 11a)*				
62					

		Company name	**Enable Networks Limited**
		For disclosure-year ended	**30 June 2023**

SCHEDULE 8: REPORT ON CALCULATION INPUTS

Under clause 2.4.2 of the the main body of the determination, an ID-only regulated provider must only complete sections 8(i) and 8(ii) 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 clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.

sch ref

8(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	Debt issue cost readjustment
10									
11			ECI						
12									
16	*include additional rows if needed*						294,400,000	1,104,000	(181)

8(ii): Calculation of Term Credit Spread Differential allowance

sch ref		
20	Gross term credit spread differential	1,103,819
22	Total book value of interest bearing debt	294,400,000
23	Leverage	29%
24	Average opening and closing RAB values	623,864
25	Attribution Rate (%)	0%
27	Term credit spread differential allowance	678

8(iii): Calculation of Notional Deductible Interest

sch ref		
31	Opening RAB value	606,632
32	Leverage (%)	29.00%
33	Cost of debt	5.46%
34	Months in disclosure year	12
35	Notional deductible interest	9,605

8(iv): Calculation of Asset Stranding Allowance adjustment to ROI

sch ref			
38	A		0.001
39	B average of C and D where:		623,864
40	C = sum of opening RAB values of core fibre assets		524,262
41	+ opening RAB value of financial loss asset		82,370
42		Total	606,632
43	and		
44	D = Sum of closing RAB values of core fibre assets		570,498
45	+ closing RAB value of financial loss asset		70,598
46		Total	641,096
48	Asset stranding allowance adjustment = A x B		624

	Company name	**Enable Networks Limited**
	For disclosure-year ended	**30 June 2023**

SCHEDULE 9: REPORT ON RELATED PARTY TRANSACTIONS

This Schedule provides information on the valuation of related party transactions for the purpose of clause 2.4.2 of the the main body of the determination.

This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.

sch ref

			($000)	($000)
7	**9(i): Summary—Related Party Transactions**			
8	Total regulatory income			30
9	Percentage of total regulatory income where associated FFLAS services were provided at a value less than if the transaction was an arm's-length transaction.			
10				
11	**Market value of asset disposals**			
12				
13	**Operating expenditure**			
14	**Level 1 category**	**Level 2 category** (Assign expenditure to level 1 or level 2 category in G42 to G56 below)		
15	**Customer opex**	Customer operations	-	
16		Product, sales & marketing	-	
17		**Customer opex**	-	
18	**Network opex**	Maintenance	-	
19		Network operations	3	
20		Network operating costs	-	
21		**Network opex**	3	
22	**Support opex**	Asset management	-	
23		Corporate opex	14	
24		Technology	-	
25		**Support opex**	14	
26		**Total Operating expenditure**		18
27	**Capital expenditure**			
28	**Level 1 category**			
29	Installations		34	
30	Network capacity		-	
31	Network sustain & enhance		38	
32	Network & customer IT		-	
33	**Expenditure on network assets**			72
34	**Expenditure on non-network assets**			-
35	**Expenditure on assets**			72
36	Cost of financing			
37	Value of capital contributions			
38	**Capital Expenditure**			72
39	**Total expenditure**			89
40				
41	**Other related party transactions**			2,216
42				

43	**9(ii): Total Regulatory Income from related party transactions***		
44	**Name of related party**	**Nature of services**	**Total value of related party transactions ($000)**
45	Christchurch City Council	Regulatory Revenue (NBAP etc)	30
46			
47			
48			
49	**Total value of related party transactions**		30

50	**9(iii): Total Opex and Capex Related Party Transactions***		
51	**Name of related party**	**Nature of opex or capex**	**Total value of related party transactions ($000)**
52	Christchurch City Council	Installations	34
53	Christchurch City Council	Network operations	3
54	Christchurch City Holdings Limited	Corporate opex	14
55	City Care	Network sustain & enhance	28
56	Orion Limited	Network sustain & enhance	10
64			
65			
66			
68	**Total value of related party transactions**		89
69	** include additional rows if needed*		
70			

	Company name	**Enable Networks Limited**		
	For disclosure-year ended	**30 June 2023**		

SCHEDULE 10: ID FFLAS ASSET REGISTER

This Schedule requires a summary of the quantity of assets that make up the network, by asset category and asset class, the estimated condition of the assets, a forecast of the percentage of assets to be replaced and the age profile of assets.

sch ref

				Volumes for new fibre investment				Asset condition assessment							Commission only
8															
9	Asset category	Asset clas	Units	Opening volume	Net additional volume	Closing Volume 30 June 2023	Data Accuracy (1 to 4)	H1%	H2%	H3%	H4%	H5%	Data Accuracy (1 to 4)	% forecast to be replaced in next 5 years	Forecast cost of assets to be replaced in next 5 years $000
10	*Layer 1 assets*			-	-		N/A						N/A		**ECI**
11	Ducts		Metres	5,322,710	184,310	5,507,020	3	100%	0%	0%	0%	0%	3		
12	Manholes		No.	2,320	142	2,462	4	100%	0%	0%	0%	0%	4		
13	OFDF		No.	521	108	629	4	0%	0%	0%	100%	0%	4		
14	Fibre Optic Cable (sheath length)	*Aerial*	Metres	-	-		N/A	0%	0%	0%	0%	0%	N/A		
15		*Underground*	Metres	4,082,640	230,090	4,312,730	3	100%	0%	0%	0%	0%	3		
16	Fibre Optic Cable (route length)	*Aerial*	Metres	-	-		N/A	0%	0%	0%	0%	0%	N/A		
17		*Underground*	Metres	4,577,070	152,930	4,730,000	3	100%	0%	0%	0%	0%	3		
18	Fibre Service Leads (sheath length)	*Aerial*	Metres	-	-		N/A	0%	0%	0%	0%	0%	N/A		
19		*Underground*	Metres	27,324,882	1,797,108	29,121,990	3	74%	26%	0%	0%	0%	3		
20	Poles		No.	-	-		N/A	0%	0%	0%	0%	0%	N/A		
21	FTTN / FTTP Cabinets		No.	1,856	61	1,917	4	100%	0%	0%	0%	0%	4		
22	*Other Network Assets*			-	-		N/A						N/A		
23	Network land and buildings			10	-	10	4	0%	100%	0%	0%	0%	4		
24	*handover sites*		No.	2	-	2	4	0%	100%	0%	0%	0%	4		
25	*Layer 2 assets*			-	-		N/A						N/A		
26	FTTN / FTTP Cabinets		No.	-	-	-	N/A	0%	0%	0%	0%	0%	N/A		
27	Splitters		No.	10,376	527	10,903	3	100%	0%	0%	0%	0%	3		
28	Network Equipment			-	-		N/A						N/A		
29	ONT devices		No.	153,556	10,322	163,878	3	25%	25%	10%	28%	12%	3		
30	OLT devices		No.	61	4	65	4	0%	0%	0%	0%	100%	4	100%	
31	Switches		No.	2	-	2	4	0%	0%	0%	0%	100%	4	100%	
32															
33	*Network spares*														
34	*Layer 1*														
35	Cabinet		No.	4	-	4	4	100%	0%	0%	0%	0%	4		
36	Fibre cable		Metres	8,000	-	8,000	4	100%	0%	0%	0%	0%	4		
37	Duct		Metres	5,000	-	5,000	4	100%	0%	0%	0%	0%	4		
38	*Layer 2*														
39	OLT device		No.	1	-	1	4	100%	0%	0%	0%	0%	4		
40	Splitters		No.	110	-	110	4	100%	0%	0%	0%	0%	4		
41			No.		-		N/A						N/A		
42															

Company name	**Enable Networks Limited**	
For disclosure-year ended	**30 June 2023**	

SCHEDULE 10: ID FFLAS ASSET REGISTER

This Schedule requires a summary of the quantity of assets that make up the
network, by asset category and asset class, the estimated condition of the assets, a

sch ref

8

	Asset category	Asset clas	Units	CY-50+	CY-46 to -50	CY-41 to -45	CY-36 to -40	CY-31 to -35	CY-26 to -30	CY-21 to -25	CY-16 to -20	CY-11 to-15	CY-10	CY-9	CY-8	CY-7	CY-6	CY-5	CY-4	CY-3	CY-2	CY-1	CY	No. with age unknown	No. with default dates	Data accuracy (1–4)
10	*Layer 1 assets*											-	-	-	-	-	-	-	-	-	-	-	-			N/A
11	Ducts		Metres									437,300	412,120	830,220	932,990	743,200	826,220	623,780	145,520	155,380	100,970	115,010	184,310		-	3
12	Manholes		No.									731	173	310	316	217	193	171	60	90	20	39	142		-	4
13	OFDF		No.									-	-	-	-	-	-	-	-	-	-	-	108	521		3
14	Fibre Optic Cable (sheath length)	*Aerial*	Metres									-	-	-	-	-	-	-	-	-	-	-	-		-	N/A
15		*Underground*	Metres									72,900	235,790	165,750	528,590	767,570	664,180	572,020	310,210	240,270	210,860	314,490	230,090	10		3
16	Fibre Optic Cable (route length)	*Aerial*	Metres									-	-	-	-	-	-	-	-	-	-	-	-		-	N/A
17		*Underground*	Metres									251,510	375,460	761,380	850,500	674,320	753,000	556,270	118,210	114,180	42,120	80,120	152,930		-	3
18	Fibre Service Leads (sheath length)	*Aerial*	Metres									-	-	-	-	-	-	-	-	-	-	-	-		-	N/A
19		*Underground*	Metres									112,132	143,818	532,144	1,376,216	2,380,301	4,786,304	5,011,448	4,557,638	3,238,280	2,942,371	2,244,229	1,797,108		-	3
20	Poles		No.									-	-	-	-	-	-	-	-	-	-	-	-			N/A
21	FTTN / FTTP Cabinets		No.									46	115	236	332	313	359	267	42	64	37	45	61		-	4
22	*Other Network Assets*											-	-	-	-	-	-	-	-	-	-	-	-		-	N/A
23	Network land and buildings											-	2	8	-	-	-	-	-	-	-	-	-		-	4
24	*handover sites*		No.									1	1	-	-	-	-	-	-	-	-	-	-		-	4
25	*Layer 2 assets*																									
26	FTTN / FTTP Cabinets		No.																							
27	Splitters		No.																							
28	Network Equipment																									
29	ONT devices		No.																							
30	OLT devices		No.																							
31	Switches		No.																							
32																										
33	*Network spares*																									
34	*Layer 1*																									
35	Cabinet		No.																							
36	Fibre cable		Metres																							
37	Duct		Metres																							
38	*Layer 2*																									
39	OLT device		No.																							
40	Splitters		No.																							
41			No.																							
42																										

	Company Name	Enable Networks Limited
	Planning Period	From 1 July 2023 to 30 June 2026

SCHEDULE 11: REPORT ON FORECAST CAPITAL EXPENDITURE

This Schedule requires a breakdown of forecast expenditure on assets for the current disclosure year and a 5 year planning period. The forecast is to be expressed in both constant price and nominal dollar terms. Also required is a forecast of the value of commissioned assets (i.e., the value of RAB additions).

ID-only providers must provide explanatory comment on the difference between constant price and nominal dollar forecasts of expenditure on assets in Schedule 14a (Mandatory Explanatory Notes).

This information is not part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination).

sch ref

			Current Year Actual	CY+1	CY+2	CY+3	CY+4	CY+5
7								
8								
9	**11(i): Expenditure on Assets Forecast**		**$000 (in nominal dollars)**					
10	**Level 1 category**	**Level 2 category**						
11		Augmentation						
12		New property developments						
13		UFB communal						
14	**Extending the network** *(complete if disclosing at Level 1 category)*		7,694	6,493	5,414	5,765		
15			7,694	6,493	5,414	5,765	-	-
16		Complex installations						
17		Standard installations						
18	**Installations** *(complete if disclosing at Level 1 category)*		22,819	19,593	16,501	14,949		
19			22,819	19,593	16,501	14,949	-	-
20		Access						-
21		Aggregation						
22		Transport						
23	**Network capacity** *(complete if disclosing at Level 1 category)*		2,513	13,917	5,659	8,039		
24			2,513	13,917	5,659	8,039	-	-
25		Field Sustain						
26		Relocations						
27		Resilience						
28		Site Sustain						
29	**Network sustain & enhance** *(complete if disclosing at Level 1 category)*		963	3,100	3,442	1,917		
30			963	3,100	3,442	1,917	-	-
31								
32	**Network & customer IT**	Network & Customer IT	5,981	6,960	5,340	2,643		
33		**Expenditure on network assets**	39,970	50,063	36,356	33,313	-	-
34								
35		Business IT						
36		Corporate capex						
37	**Non-network IT & support** *(complete if disclosing at Level 1 category)*		1,440	863	2,140	1,836		
38		**Non-network IT & support**	1,440	863	2,140	1,836	-	-
39								
40		**Expenditure on assets**	41,410	50,926	38,496	35,149	-	-
41	*plus* Cost of financing							
42	*less* Value of capital contributions		3,015	3,292	3,775	3,928		
43		**Capital expenditure forecast**	38,395	47,634	34,721	31,221	-	-
44								
45		Assets commissioned	37,016	45,752	36,956	32,603		
46								
47	**Subcomponents of expenditure on assets (where known)**							
48		Research and development	-	-	-			

			Current Year Actual	CY+1	CY+2	CY+3	CY+4	CY+5
49								
50			**$000 (in constant dollars)**					
51	**Level 1 category**	**Level 2 category**						
52		Augmentation	-					
53		New property developments	-					
54		UFB communal	-					
55	**Extending the network** *(complete if disclosing at Level 1 category)*		7,694	6,238	5,090	5,365		
56			7,694	6,238	5,090	5,365	-	-
57		Complex installations						
58		Standard installations						
59	**Installations** *(complete if disclosing at Level 1 category)*		22,819	18,403	15,045	13,363		
60			22,819	18,403	15,045	13,363	-	-
61		Access						
62		Aggregation	-					
63		Transport	-					
64	**Network capacity** *(complete if disclosing at Level 1 category)*		2,513	13,553	5,458	7,609		
65			2,513	13,553	5,458	7,609	-	-
66		Field Sustain	-					
67		Relocations	-					
68		Resilience	-					
69		Site Sustain	-					
70	**Network sustain & enhance** *(complete if disclosing at Level 1 category)*		963	2,996	3,320	1,794		
71			963	2,996	3,320	1,794	-	-
72								
73	**Network & customer IT**	Network & Customer IT	5,981	6,790	5,082	2,415		
74		**Expenditure on network assets**	39,970	47,980	33,995	30,546	-	-
75								
76		Business IT	-					
77		Corporate capex	-					
78	**Non-network IT & support** *(complete if disclosing at Level 1 category)*		1,440	859	2,134	1,828		
79		**Non-network IT & support**	1,440	859	2,134	1,828	-	-
80								
81		**Expenditure on assets**	41,410	48,839	36,129	32,374	-	-
82	*plus* Cost of financing							
83	*less* Value of capital contributions		3,015	3,077	3,425	3,494		
84		**Capital expenditure forecast**	38,395	45,762	32,704	28,880	-	
85								
86		Assets commissioned	37,016	43,188	34,652	30,131		
87								
88								

			Current Year Actual	CY+1	CY+2	CY+3	CY+4	CY+5
89								
90	**Difference between nominal and constant price forecasts**		**$000**					
91								
92		Augmentation	-	-	-	-	-	
93		New property developments	-	-	-	-		

		Company Name	**Enable Networks Limited**
		Planning Period	**From 1 July 2023 to 30 June 2026**

SCHEDULE 11: REPORT ON FORECAST CAPITAL EXPENDITURE

This Schedule requires a breakdown of forecast expenditure on assets for the current disclosure year and a 5 year planning period. The forecast is to be expressed in both constant price and nominal dollar terms. Also required is a forecast of the value of commissioned assets (i.e., the value of RAB additions)

ID-only providers must provide explanatory comment on the difference between constant price and nominal dollar forecasts of expenditure on assets in Schedule 14a (Mandatory Explanatory Notes).

This information is not part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination).

sch ref								
94	UFB communal		-		-		-	
95	**Extending the network**		-	255	324	400	-	-
96	Complex installations		-		-		-	
97	Standard installations		-		-		-	
98	**Installations**		-	1,190	1,456	1,586	-	-
99	Access		-		-		-	
100	Aggregation		-		-		-	
101	Transport		-		-		-	
102	**Network capacity**		-	364	201	430	-	-
103	Field Sustain		-		-		-	
104	Relocations		-		-		-	
105	Resilience		-		-		-	
106	Site Sustain		-		-		-	
107	**Network sustain & enhance**		-	104	122	123	-	-
108								
109	Network & Customer IT		-	170	258	228	-	
110	**Expenditure on network assets**		-	2,083	2,361	2,767	-	-
111								
112	Business IT		-		-		-	
113	Corporate capex		-		-		-	
114	**Non-network IT & support**		-	4	6	8	-	-
115								
116	**Expenditure on assets**		-	2,087	2,367	2,775	-	-
117	*plus* Cost of financing		-		-		-	
118	*less* Value of capital contributions		-	215	350	434	-	
119	**Capital expenditure forecast**		-	1,872	2,017	2,341	-	-
120								
121	Assets commissioned		-	2,564	2,304	2,472	-	-
122								
123								
124								

11(ii): Breakdown of capital contributions

$000 (in constant dollars)

sch ref			Current Year Actual	CY+1	CY+2	CY+3	CY+4	CY+5
126								
127	**Extending the network**		3,015	3,077	3,425	3,494		
128	**Installations**		-					
129	**Network capacity**		-					
130	**Network sustain & enhance**		-					
131	**Network & customer IT**		-					
132		**Total**		3,015	3,077	3,425	3,494	-	-
133								
134								
135								

	Company name	**Enable Networks Limited**
	Planning period	**1 July 2023 to 30 June 2026**

SCHEDULE 11a: REPORT ON FORECAST OPERATING EXPENDITURE

This Schedule requires a breakdown of forecast operating expenditure for the disclosure year and a 5 year planning period. The forecast is to be expressed in both constant price and nominal dollar terms.
ID-only providers must provide explanatory comment on the difference between constant price and nominal dollar operating expenditure forecasts in Schedule 14A (Mandatory Explanatory Notes), as applicable.
This information is not part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination).

sch ref

			Current Year CY	*CY+1*	*CY+2*	*CY+3*	*CY+4*	*CY+5*
7								
8	**Operating Expenditure Forecast**		**$000 (in nominal dollars)**					
9	**Level 1 category**	**Level 2 category**						
10		Customer operations						
11		Product, sales & marketing						
12	**Customer opex** *(complete if disclosing at Level 1 category)*		5,535	6,285	6,834	7,316		
13		**Total customer opex**	5,535	6,285	6,834	7,316	-	-
14		Maintenance						
15		Network operations						
16		Network operating costs						
17	**Network opex** *(complete if disclosing at Level 1 category)*		5,787	5,688	6,242	6,160		
18		**Total network opex**	5,787	5,688	6,242	6,160	-	-
19		Asset management						
20		Corporate opex						
21		Technology						
22	**Support opex** *(complete if disclosing at Level 1 category)*		9,436	9,973	10,613	11,784		
23		**Total support opex**	9,436	9,973	10,613	11,784	-	-
24	**Operating expenditure**		20,758	21,946	23,689	25,260	-	-
25								
26	**Subcomponents of operating expenditure (where known)**							
27		Research and development						
28		Insurance	324	406	489	525		
29								
30			*Current Year CY*	*CY+1*	*CY+2*	*CY+3*	*CY+4*	*CY+5*
31	**Operating Expenditure Forecast**		**$000 (in constant dollars)**					
32	**Level 1 category**	**Level 2 category**						
33		Customer operations	-					
34		Product, sales & marketing	-					
35	**Customer opex** *(complete if disclosing at Level 1 category)*		5,535	6,068	6,408	6,678		
36		**Total customer opex**	5,535	6,068	6,408	6,678	-	-
37		Maintenance	-					
38		Network operations	-					
39		Network operating costs	-					
40	**Network opex** *(complete if disclosing at Level 1 category)*		5,787	5,448	5,808	5,603		
41		**Total network opex**	5,787	5,448	5,808	5,603	-	-
42		Asset management	-					
43		Corporate opex	-					
44		Technology	-					
45	**Support opex** *(complete if disclosing at Level 1 category)*		9,436	9,197	9,450	10,261		
46		**Total support opex**	9,436	9,197	9,450	10,261	-	-
47	**Operating expenditure**		20,758	20,713	21,666	22,542	-	-
48								
49								
50	**Difference between nominal and real forecasts**		**$000**					
51	**Level 1 category**	**Level 2 category**						
52	**Customer opex**	Customer operations	-	-	-	-	-	-
53		Product, sales & marketing	-	-	-	-	-	-
54		**Total customer opex**	-	217	426	638	-	-
55	**Network opex**	Maintenance	-	-	-	-	-	-
56		Network operations	-	-	-	-	-	-
57		Network operating costs	-	-	-	-	-	-
58		**Total network opex**	-	240	434	557	-	-
59	**Support opex**	Asset management	-	-	-	-	-	-
60		Corporate opex	-	-	-	-	-	-
61		Technology	-	-	-	-	-	-
62		**Total support opex**	-	776	1,163	1,523	-	-
63	**Operating expenditure**		-	1,233	2,023	2,718	-	-
64								
65								

					Company Name	**Enable Networks Limited**	
					Planning Period	**1 July 2023 to 30 June 2026**	

SCHEDULE 12: REPORT ON FORECAST CAPACITY AND UTILISATION

This Schedule requires a breakdown of current and forecast capacity and utilisation for each area. Information provided in this table should relate to the operation of the network in its normal steady state configuration.

sch ref

12(i): System capacity and utilisation

POI Area	Number of COs	Current year Number of P2P end user connections within POI area	3 Year Forecast Number of P2P end users within POI area	5 Year Forecast Number of P2P end users within POI area	Current year Number of GPON end users from CO	3 Year Forecast Number of GPON end users from CO	5 Year Forecast Number of GPON end users from CO	Current year Central Office (CO) to fibre flexibility point (FFPs), with percentage fill greater than 85%	3 Year Forecast Central Office (CO) to fibre flexibility point (FFPs), with percentage fill greater than 85%	5 Year Forecast Central Office (CO) to fibre flexibility point (FFPs), with percentage fill greater than 85%	Current year Premises Passed	3 Year Forecast Premises Passed	5 Year Forecast Premises Passed
Ashburton													
Auckland													
Blenheim													
Christchurch	12	1,619	1,690	■	149,157	165,336	■	0	0	■	210,291	230,568	■
Dunedin													
Gisborne													
Greymouth													
Hamilton													
Invercargill													
Kapiti													
Levin													
Masterton													
Napier & Hastings													
Nelson													
New Plymouth													
Oamaru													
Palmerston North													
Queenstown													
Rotorua													
Taupo													
Tauranga													
Timaru													
Whanganui													
Wellington													
Whakatane													
Whangarei													
TOTALS		1,619	1,690	-	149,157	165,336	-	-	-	-	210,291	230,568	-

Company Name	Enable Networks Limited
Planning Period	From 1 July 2023 to 30 June 2026

SCHEDULE 12a: REPORT ON FORECAST NETWORK DEMAND

This Schedule requires a forecast of new connections (by consumer type), peak demand and data volumes for the disclosure year and a 5 year planning period. The forecasts should be consistent with the assumptions used in developing the expenditure forecasts in Schedules 11 and Schedule 11a and the capacity and utilisation forecasts in Schedule 12.

sch ref

	12a(i): Active forecast connections			**GPON connections by service level may be Commission only**			
7							
8				**Number of connections**			
9	GPON connections by core service*	*Current Year CY*	*CY+1*	*CY+2*	*CY+3*	*CY+4*	*CY+5*
10	BS2a 100/50 CIR 10/2.5			ECI			
11	BS2a 100/50 CIR 2.5/2.5						
12	BS2a 1G/500 CIR 2.5/2.5						
13	BS2a 1G/500 CIR 5/5 BUS						
14	BS2a 1G/500 CIR 5/5 BUS B						
15	BS2a 200/100 CIR 2.5/2.5						
16	BS2a 300/100 CIR 2.5/2.5						
17	BS2a 300/100 CIR 2.5/2.5 B						
18	BS2a 300/100 CIR 2.5/2.5 C						
19	BS2a 300/300 CIR 5/5 BUS						
20	BS2a 300/300 CIR 5/5 BUS B						
21	BS2a 50/20 CIR 2.5/2.5						
22	BS2a 50/50 CIR 5/5 BUS						
23	BS3 100 CIR 10						
24	BS3 100 CIR 100						
25	BS3 100 CIR 2.5						
26	BS3 100 CIR 20						
27	BS3 100 CIR 30						
28	BS3 100 CIR 50						
29	BS3 100 CIR 60						
30	BS3 100 CIR 70						
31	BS3 100 CIR 90						
32	BS3a 100 CIR 10						
33	BS3a 100 CIR 2.5						
34	BS3a 100 CIR 20						
35	BS3a 100 CIR 30						
36	BS3a 100 CIR 40						
37	BS3a 100 CIR 5						
38	BS3a 100 CIR 50						
39	BS3a 100 CIR 60						
40	BS3a 100 CIR 80						
41	BS3a 100 CIR 90						
42	BS3b 1G CIR 100						
43	BS3b 1G CIR 20						
44	BS3b 200 CIR 10						
45	BS3b 200 CIR 100						
46	BS3b 200 CIR 2.5						
47	BS3b 200 CIR 20						
48	BS3b 200 CIR 50						

Company Name	Enable Networks Limited
Planning Period	From 1 July 2023 to 30 June 2026

SCHEDULE 12a: REPORT ON FORECAST NETWORK DEMAND

This Schedule requires a forecast of new connections (by consumer type), peak demand and data volumes for the disclosure year and a 5 year planning period. The forecasts should be consistent with the assumptions used in developing the expenditure forecasts in Schedules 11 and Schedule 11a and the capacity and utilisation forecasts in Schedule 12.

sch ref								
49	BS3b 50 CIR 10							
50	BS3b 50 CIR 2.5							
51	BS3b 50 CIR 20							
52	BS3b 50 CIR 50							
53	BS3b Max CIR 10							
54	BS3b Max CIR 2.5							
55	EDU BS3a 100 CIR 10							
56	EDU BS3b 50 CIR 10							
57	EDU BS3b Max CIR 10							
58	EDU HF3 2G CIR 100							
59	GPON Ethernet Port 0/0 CIR 2.5/2.5							
60	GPON Ethernet Port 10/10 CIR 2.5/2.5							
61	GPON Ethernet Port 100/100 CIR 2.5/2.5							
62	GPON Ethernet Port 100/20 CIR 2.5/2.5							
63	GPON Ethernet Port 200/100 CIR 2.5/2.5							
64	GPON Ethernet Port 200/200 CIR 2.5/2.5							
65	GPON Ethernet Port 30/10 CIR 2.5/2.5							
66	HF2 2G/2G CIR 10/10							
67	HF2 2G/2G CIR 10/10							
68	HF2 4G/4G CIR 10/10							
69	HF2 4G/4G CIR 10/10							
70	HF2 8G/8G CIR 10/10							
71	N BS2a 10/100 CIR 2.5/2.5							
72	N BS2a 100/50 CIR 2.5/2.5							
73	N BS2a 1G/500 CIR 5/5 BUS							
74	N BS2a 300/300 CIR 5/5 BUS							
75	N BS2a 50/50 CIR 5/5 BUS							
76	N BS3a 100 CIR 10							
77	N BS3a 100 CIR 30							
78	Baseband Voice							
79	Total GPON connections by core service	149,157	155,652	161,152	165,336			
80	Other GPON connections							
81								
82	P2P connections	1,804	1,841	1,874	1,905			
83	Total connections	150,961	157,492	163,026	167,241		-	-
84								
85	**Sum of GPON core service connection speeds (Megabits per second)**	64,422,122	71,369,531	79,771,444	87,802,862			
86	**Average speed (Megabits per second)**	432	459	495	531			
87	**Average throughput per user (Megabits per second)**	3.84	4.23	4.70	5.27			
88	*include additional rows if needed*							

		Company Name	**Enable Networks Limited**
		Planning Period	**From 1 July 2023 to 30 June 2026**

SCHEDULE 12a: REPORT ON FORECAST NETWORK DEMAND

This Schedule requires a forecast of new connections (by consumer type), peak demand and data volumes for the disclosure year and a 5 year planning period. The forecasts should be consistent with the assumptions used in developing the expenditure forecasts in Schedules 11 and Schedule 11a and the capacity and utilisation forecasts in Schedule 12.

sch ref

	12a(ii) System Traffic (Gigabits per second)		Observed	Forecast					Demand by POI area may be Commission only
89									
90			*Observed*	*Forecast*					
91	**Aggregate coincident maximum peak demand across all ports by POI area**		*Current Year CY*	*CY+1*	*CY+2*	*CY+3*	*CY+4*	*CY+5*	
95	Christchurch		ECI						
118	**Sum**						-	-	
119									
120	**System peak (maximum observed peak in gigabits per second)**		573						
121	**Forecast system peak**		ECI						
122	**% of sum of peaks**								
123									
124			*Observed*	*Forecast*					
125	**Average demand by POI area (gigabits per second)**		*Current Year CY*	*CY+1*	*CY+2*	*CY+3*	*CY+4*	*CY+5*	
129	Christchurch		ECI						
152	**Total**						-	-	
153									
154			*Observed*	*Forecast*					
155	**Peak to average ratio**		*Current Year CY*	*CY+1*	*CY+2*	*CY+3*	*CY+4*	*CY+5*	
159	Christchurch		ECI						
182	**Total**		202%	202%	202%	202%			

	Company Name	**Enable Networks Limited**
	AMP Planning Period	**From 1 July 2023 to 30 June 2026**
	Asset Management Standard Applied	**ISO 55001**

SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY

This Schedule requires information on an ID-only regulated provider's self-assessment of the maturity of its asset management practices and a descriptions of its practices for collecting and managing network data, making risk-based decisions and managing cost estimation models.

SECTION 1 - SELF-ASSESSMENT QUESTIONS

Question No.	Function	Standard Ref. (For guidance only)	Question	Maturity Level Score	Evidence—Summary	Target Score CY+3	Initiatives planned to achieve target score	Why	Who	Record/documented Information
1	Asset management policy		To what extent has an asset management policy been documented, authorised and communicated?	3	The Asset Management Policy was updated and has been presented to the Senior Leadership Team. It is our intention to regularly review this Policy every two years, in accordance with our internal governmance procedures.	4	The next step is to take the Policy to the Board and then increase awareness and understanding of the Policy among relevant stakeholders by communicating the Policy internally. In addition, regular monitoring and reporting on the implementation of the Policy will help to ensure that it is being effectively used to influence the management of assets. This will involve tracking key performance indicators related to asset management.	Widely used AM practice standards require an organisation to document, authorise and communicate its asset management policy. A key pre-requisite of any robust policy is that the organisation's top management must be seen to endorse and fully support it. Also vital to the effective implementation of the policy, is to tell the appropriate people of its content and their obligations under it. Where an organisation outsources some of its asset-related activities, then these people and their organisations must equally be made aware of the policy's content. Also, there may be other stakeholders, such as regulatory authorities and shareholders who should be made aware of it.	Top management. The management team that has overall responsibility for asset management.	The organisation's asset management policy, its organisational strategic plan, documents indicating how the asset management policy was based upon the needs of the organisation and evidence of communication.
2	Asset management strategy		What has the organisation done to ensure that its asset management strategy is consistent with other appropriate organisational policies and strategies, and the needs of stakeholders?	3	Enable has established an Asset Management Strategy that aligns seamlessly with our broader range of policies and strategies. Currently, this strategy is delineated by specific asset types and integrated into our long-term planning processes to guarantee that our investments align with our organisational objectives, policies, and strategies. The Asset Management Strategy has been before the Senior Leadership Team.	4	Our primary goal is to identify linkages between the Asset Management Strategy and other organisational policies and strategies, to ensure it is an integrated document. This will involve identifying areas of overlap and alignment between the AM Strategy and other strategies, such as those related to risk management, sustainability and financial management. This will lead to more effective asset mangement practices, improved organisatonal performance and satisfaciton. The aim is to bolster consistency in our decision-making process and address any potential gaps, redundancies, or missed opportunities.	In setting an organisation's asset management strategy, it is important that it is consistent with any other policies and strategies that the organisation has, and has taken into account the requirements of relevant stakeholders. This question examines to what extent the asset management strategy is consistent with other organisational policies and strategies and has taken account of stakeholder requirements. Generally, this will take into account the same policies, strategies and stakeholder requirements as covered in drafting the asset management policy but at a greater level of detail.	Top management. The organisation's strategic planning team. The management team that has overall responsibility for asset management.	The organisation's asset management strategy document and other related organisational policies and strategies. Other than the organisation's strategic plan, these could include those relating to health and safety, environmental, etc. Results of stakeholder consultation.
3			In what way does the organisation's asset management strategy take account of the lifecycle of the assets, asset types and asset systems over which the organisation has stewardship?	3	A review of all technical asset lives has been completed with comparisons made between other fibre organisations in New Zealand and IRD (ComCom) and the Australian Tax Office (ATO). The lifecycles of assets play a crucial role in shaping our asset management strategy. These lifecycles, which differ based on asset categories and types, are incorporated into our long-term planning procedures. It is worth emphasising that unforeseen events can impact the lifecycles of fiber assets, potentially necessitating replacement before their anticipated end-of-life. Currently, we conduct an annual review of our asset lifecycles for audit purposes.	4	The Strategy provides an outline of how Enable intends to manage its assets over an extended period of time. Asset life cycle information has now been accepted as a standard that provides for future CAPEX planning. Our intention is to create lifecycle plans for significant asset categories during the revision of our asset management plans. These updates will be consistently integrated into our financial and investment planning and reporting processes. By adopting this approach, we will take into account the unique factors that impact the lifespan of assets, recognising that these drivers can differ significantly among individual asset groups.	Good asset stewardship is the hallmark of an organisation compliant with widely used AM standards. A key component of this is the need to take account of the lifecycle of the assets, asset types and asset systems. This question explores what an organisation has done to take lifecycle into account in its asset management strategy.	Top management. People in the organisation with expert knowledge of the assets, asset types and asset systems and their associated life-cycles. The management team that has overall responsibility for asset management. Those responsible for developing and adopting methods and processes used in asset management	The organisation's documented asset management strategy and supporting working documents.
4	Asset management plan(s)		How does the organisation establish and document its asset management plan(s) across the life cycle activities of its assets and asset systems?	3	An Asset Management Plan for all assets related to the network has been completed. A recent review of Enable's Architectural Document assists in documenting the assets we use and intend to use in the future.	3	By aligning the Asset Management Plan with the asset management objectives and the overall strategy, Enable can improve its ability to operate more efficiently. The Asset Management Plan includes plans for maintaining, replacing and upgrading all assets and will consider factors such as asset performance, risks and costs associated with each asset. Enable will commit to regularly reviewing and updating the AM Plans to ensure they remain current and relevant.	The asset management strategy need to be translated into practical plan(s) so that all parties know how the objectives will be achieved. The development of plan(s) will need to identify the specific tasks and activities required to optimize costs, risks and performance of the assets and/or asset system(s), when they are to be carried out and the resources required.	The management team with overall responsibility for the asset management system. Operations, maintenance and engineering managers.	The organisation's asset management plan(s).
5			How has the organisation communicated its plan(s) to all relevant parties to a level of detail appropriate to the receiver's role in their delivery?	3	The AM Plan is communicated to all revelant stakeholders. We disseminate the annual planning processes throughout the organisation to guarantee that our resources are coordinated to fulfill our business plan.	3	Effective communication of the AM Plan is critical to ensure that all stakeholders involved in asset management activities are aware of their roles and responsibilities, as well as the objectives and priorities of the asset management program. This will include regular communication and feedback to ensure that everyone is up to date and any issues or challenges can be addressed.	Plans will be ineffective unless they are communicated to all those, including contracted suppliers and those who undertake enabling function(s). The plan(s) need to be communicated in a way that is relevant to those who need to use them.	The management team with overall responsibility for the asset management system. Delivery functions and suppliers.	Distribution lists for plan(s). Documents derived from plan(s) which detail the receivers role in plan delivery. Evidence of communication.
6			How are designated responsibilities for delivery of asset plan actions documented?	3	The Head of Asset Investment is responsible for the creation of the Asset Management Plan. Although roles and responsibilities are generally understood, our current asset management plans do not formally document them to specify who is responsible for implementation or clearly outline the actions needed to demonstrate the successful execution of an asset management plan.	3	The review of the Enable Network Architecture Document feeds into the Asset Management Plan. An effective Plan will clearly define the goals and objectives of the Plan, identifying key actions and steps required to achieve the Plan.	The implementation of asset management plan(s) relies on (1) actions being clearly identified, (2) an owner allocated and (3) that owner having sufficient delegated responsibility and authority to carry out the work required. It also requires alignment of actions across the organisation. This question explores how well the plan(s) set out responsibility for delivery of asset plan actions.	The management team with overall responsibility for the asset management system. Operations, maintenance and engineering managers. If appropriate, the performance management team.	The organisation's asset management plan(s). Documentation defining roles and responsibilities of individuals and organisational departments.

	Company Name	Enable Networks Limited
	AMP Planning Period	From 1 July 2023 to 30 June 2026
	Asset Management Standard Applied	ISO 55001

SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY

This Schedule requires information on an ID-only regulated provider's self-assessment of the maturity of its asset management practices and a descriptions of its practices for collecting and managing network data, making risk-based decisions and managing cost estimation models.

No.	Topic	Std	Question		Score	Response		Score	Explanation	Guidance notes	Responsibility	Evidence
7			What has the organisation done to ensure that appropriate arrangements are made available for the efficient and cost effective implementation of the plan(s)? (Note this is about resources and enabling support)		3	Asset information has been collected, summarised and documented. This is a continual process as the more information is found the better understanding we have of our assets.		3	To improve the efficiency and effectiveness of the implementation of an Asset Management Plan, there is still the need for Asset Management Software or a single source of truth in the form of a database that allows for modelling and future forecasting. However, Enable maintains a realistic approach, that can be executed efficiently and effectively.	It is essential that the plan(s) are realistic and can be implemented, which requires appropriate resources to be available and enabling mechanisms in place. This question explores how well this is achieved. The plan(s) not only need to consider the resources directly required and timescales, but also the enabling activities, including for example, training requirements, supply chain capability and procurement timescales.	The management team with overall responsibility for the asset management system. Operations, maintenance and engineering managers. If appropriate, the performance management team. Where appropriate the procurement team and service providers working on the organisation's asset-related activities.	The organisation's asset management plan(s). Documented processes and procedures for the delivery of the asset management plan.
8	Contingency planning	ISO 22301	What plan(s) and procedure(s) does the organisation have for identifying and responding to incidents and emergency situations and ensuring continuity of critical asset management activities?		3	Enable has an Executive Crisis Guide that provides instructions in relation to a potential or existing disruption to service. There three levels of response: Special Coverage, Event Management and Crisis Governance when a major event occurs. Enable also has a Risk Register managed by a dedicated person with constant reviews undertaken. The focus has been predominantly on Business Continuity.		3	Enable is undertaking a review of its Business Continuity Management procedures and documentation. A Business Impact Analysis has been completed, which considers Enables activity and procedures for which continuity planning is required. The end result is a Enable BCM Policy, Crisis and Emergency Mangement Manual, Central Office and Infrastructure Business Continuity Plan, Head Office, People and Places Business Continuity Plan and an Information Technology Disaster Recovery Plan. A dedicated Risk Manager is required.	Widely used AM practice standards require that an organisation has plan(s) to identify and respond to emergency situations. Emergency plan(s) should outline the actions to be taken to respond to specified emergency situations and ensure continuity of critical asset management activities including the communication to, and involvement of, external agencies. This question assesses if, and how well, these plan(s) triggered, implemented and resolved in the event of an incident. The plan(s) should be appropriate to the level of risk as determined by the organisation's risk assessment methodology. It is also a requirement that relevant personnel are competent and trained.	The manager with responsibility for developing emergency plan(s). The organisation's risk assessment team. People with designated duties within the plan(s) and procedure(s) for dealing with incidents and emergency situations.	The organisation's plan(s) and procedure(s) for dealing with emergencies. The organisation's risk assessments and risk registers.
9	Structure, authority and responsibilities		What has the organisation done to appoint member(s) of its management team to be responsible for ensuring that the organisation's assets deliver the requirements of the asset management strategy, objectives and plan(s)?		3	Enable has appointed a Head of Asset Investment and a Network Planner which currently makes up the Asset Management Team. These roles work colaboratively with Network Delivery, Finance, GIS and data teams.		3	Defining areas of responsibility needs to be aligned with the necessary delegated authority, which has largely been an evolving process. Further work is required to clarify lines of communication and decision making.	In order to ensure that the organisation's assets and asset systems deliver the requirements of the asset management policy, strategy and objectives responsibilities need to be allocated to appropriate people who have the necessary authority to fulfil their responsibilities.	Top management. People with management responsibility for the delivery of asset management policy, strategy, objectives and plan(s). People working on asset-related activities.	Evidence that managers with responsibility for the delivery of asset management policy, strategy, objectives and plan(s) have been appointed and have assumed their responsibilities. Evidence may include the organisation's documents relating to its asset management system, organisational charts, job descriptions of post-holders, annual targets/objectives and personal development plan(s) of post-holders as appropriate.
10			What evidence can the organisation's top management provide to demonstrate that sufficient resources are available for asset management?		3	There is funding available in the coming financial year to provide an Asset Management System (software), that would greatly assist the AM Team. Updates on the progress of asset management capability plans are incorporated into our executive governance forums.The requirement for adequate resources to be allocated to investment planning for assets, in the future has been highlighted. This includes operational teams and field service contracting arrangements, ensuring that Enable possesses the necessary resources to fulfill the requirements of our asset lifecycle activities.		3	AM would benefit from the necessary technology tools that would allow for performance monitoring against asset management objectives. Work is underway to review possible AM Software, link our updated GIS platform to individual assets from an AM perspective and provide a new Building Management System at the Central Offices.	Optimal asset management requires top management to ensure sufficient resources are available. In this context the term 'resources' includes manpower, materials, funding and service provider support.	Top management. The management team that has overall responsibility for asset management. Risk management team. The organisation's managers involved in day-to-day supervision of asset-related activities, such as frontline managers, engineers, foremen and chargehands as appropriate.	Evidence demonstrating that asset management plan(s) and/or the process(es) for asset management plan implementation consider the provision of adequate resources in both the short and long term. Resources include funding, materials, equipment, services provided by third parties and personnel (internal and service providers) with appropriate skills competencies and knowledge.
11			To what degree does the organisation's top management communicate the importance of meeting its asset management requirements?		3	Presentations have been delivered to Enable staff regarding the goals and priorities involved in asset management, to provide a level of understanding to the wider organisation of asset management.		3	Further communication and engagement strategies are required, including company wide communication, awareness sessions to ensure Enable employees understand the importance of asset management and establishing regular internal communication channels to facilitate the sharing of information to the organisation. Enable is wholeheartedly dedicated to elevating our asset management proficiency, and this commitment has been conveyed throughout the organisation.	Widely used AM practice standards require an organisation to communicate the importance of meeting its asset management requirements such that personnel fully understand, take ownership of, and are fully engaged in the delivery of the asset management requirements.	Top management. The management team that has overall responsibility for asset management. People involved in the delivery of the asset management requirements.	Evidence of such activities as road shows, written bulletins, workshops, team talks and management walk-abouts would assist an organisation to demonstrate it is meeting this requirement.
12	Outsourcing of asset management activities		Where the organisation has outsourced some of its asset management activities, how has it ensured that appropriate controls are in place to ensure the compliant delivery of its organisational strategic plan, and its asset management policy and strategy?		3	Enable has completed the Network Architectural Document, which brings the documentation of network processes and assets involved up to date. We are also outsourcing some climate related disclosure to technical experts. We entrust vital business functions, like field operations to a business partner. The oversight of these outsourced activities is conducted through a blend of field audits, performance monitoring, and governance meetings.		3	Enable will continue to monitor any outsourced work, if required.	Where an organisation chooses to outsource some of its asset management activities, the organisation must ensure that these outsourced process(es) are under appropriate control to ensure that all the requirements of widely used AM standards are in place, and the asset management policy, strategy objectives and plan(s) are delivered. This includes ensuring capabilities and resources across a time span aligned to life cycle management. The organisation must put arrangements in place to control the outsourced activities, whether it be to external providers or to other in-house departments. This question explores what the organisation does in this regard.	Top management. The management team that has overall responsibility for asset management. The manager(s) responsible for the monitoring and management of the outsourced activities. People involved with the procurement of outsourced activities. The people within the organisations that are performing the outsourced activities. The people impacted by the outsourced activity.	The organisation's arrangements that detail the compliance required of the outsourced activities. For example, this could form part of a contract or service level agreement between the organisation and the suppliers of its outsourced activities. Evidence that the organisation has demonstrated to itself that it has assurance of compliance of outsourced activities.

	Company Name	Enable Networks Limited
	AMP Planning Period	From 1 July 2023 to 30 June 2026
	Asset Management Standard Applied	ISO 55001

SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY

This Schedule requires information on an ID-only regulated provider's self-assessment of the maturity of its asset management practices and a descriptions of its practices for collecting and managing network data, making risk-based decisions and managing cost estimation models.

No.	Category		Question	Score	Response	Score	User Guidance Notes	Relevant Parties	Evidence
13	Training, awareness and competence		How does the organisation develop plan(s) for the human resources required to undertake asset management activities - including the development and delivery of asset management strategy, process(es), objectives and plan(s)?	3	Enable has a Head of AM, who regularly collaborates with different departments to gain further assistance. The Head of AM recently completed the Facilitated Digital Badget AM Essentials (IPWEA NZ Asset Management Badges - AM101, AM202, AM203, AM204).	3	It is necessary for the Head of AM to continue to improve necessary skills and competencies required for asset management, through development training and skill enhancement. Further training is being flagged for completion. The Head of AM has begun a MBA. We are also exploring initiatives to lift the level of asset management competencies through developing business capability.	There is a need for an organisation to demonstrate that it has considered what resources are required to develop and implement its asset management system. There is also a need for the organisation to demonstrate that it has assessed what development plan(s) are required to provide its human resources with the skills and competencies to develop and implement its asset management systems. The timescales over which the plan(s) are relevant should be commensurate with the planning horizons within the asset management strategy considers e.g. if the asset management strategy considers a 5 year time scale then the human resources development plan(s) should align with this. Resources include both 'in house' and external resources who undertake asset management activities.	Senior management responsible for agreement of plan(s). Managers responsible for developing asset management strategy and plan(s). Managers with responsibility for development and recruitment of staff (including HR functions). Staff responsible for training. Procurement officers. Contracted service providers.	Evidence of analysis of future work load plan(s) in terms of human resources. Document(s) containing analysis of the organisation's own direct resources and contractors resource capability over suitable timescales. Evidence, such as minutes of meetings, that suitable management forums are monitoring human resource development plan(s). Training plan(s), personal development plan(s), contract and service level agreements.
14			How does the organisation identify competency requirements and then plan, provide and record the training necessary to achieve the competencies?	3	Competencies are recorded inside each Position Description.	3	Training in asset management has been undertaken, though not recorded in the HR system. Further work is required to identify training plans to address any competency gaps and ensure that any training undertaken is recorded appropriately.	Widely used AM standards require that organisations to undertake a systematic identification of the asset management awareness and competencies required at each level and function within the organisation. Once identified the training required to provide the necessary competencies should be planned for delivery in a timely and systematic way. Any training provided must be recorded and maintained in a suitable format. Where an organisation has contracted service providers in place then it should have a means to demonstrate that this requirement is being met for their employees.	Senior management responsible for agreement of plan(s). Managers responsible for developing asset management strategy and plan(s). Managers with responsibility for development and recruitment of staff (including HR functions). Staff responsible for training. Procurement officers. Contracted service providers.	Evidence of an established and applied competency requirements assessment process and plan(s) in place to deliver the required training. Evidence that the training programme is part of a wider, co-ordinated asset management activities training and competency programme. Evidence that training activities are recorded and that records are readily available (for both direct and contracted service provider staff) e.g. via organisation wide information system or local records database.
15	Training, awareness and competence		How does the organization ensure that persons under its direct control undertaking asset management related activities have an appropriate level of competence in terms of education, training or experience?	3	The Head of Asset Investment has a degree in asset management .	3	As above, further work is required to ensure to identify training plans to address any competency gaps. It is also necessary for the AM Team to enhance their current knowledge and skill base, as asset managemnit is a changing field that is always evolving, making way for "new" methods.	A critical success factor for the effective development and implementation of an asset management system is the competence of persons undertaking these activities. organisations should have effective means in place for ensuring the competence of employees to carry out their designated asset management function(s). Where an organisation has contracted service providers undertaking elements of its asset management system then the organisation shall assure itself that the outsourced service provider also has suitable arrangements in place to manage the competencies of its employees. The organisation should ensure that the individual and corporate competencies it requires are in place and actively monitor, develop and maintain an appropriate balance of these competencies.	Managers, supervisors, persons responsible for developing training programmes. Staff responsible for procurement and service agreements. HR staff and those responsible for recruitment.	Evidence of a competency assessment framework that aligns with established frameworks such as the asset management Competencies Requirements Framework (Version 2.0); National Occupational Standards for Management and Leadership; UK Standard for Professional Engineering Competence, Engineering Council, 2005.
16	Communication, participation and consultation		How does the organisation ensure that pertinent asset management information is effectively communicated to and from employees and other stakeholders, including contracted service providers?	3	Information sessions have been held to educate the organisation as a whole on what asset management entails. Presentations have also been delivered to the Senior Leadership Team, providing updates as to the progress or information gathering that has taken place. We consistently refine our asset management documentation through collaborative efforts with essential internal stakeholders who oversee their implementation. Additionally, we maintain robust business planning procedures. The individuals accountable for key asset management decisions also assume the responsibility of disseminating this information to their respective departments within the organisation.	3	Documenting how the information in relation to the Asset Management Plan, detailing how all parties will be kept informed, inside the AM Plan will assist in ensuring all relevant stakeholders are clear on their roles and responsibilities with respect to asset management information gathering and presentation. This will lead to improved asset performance, increased efficiency and reduced risks and costs.	Widely used AM practice standards require that pertinent asset management information is effectively communicated to and from employees and other stakeholders including contracted service providers. Pertinent information refers to information required in order to effectively and efficiently comply with and deliver asset management strategy, plan(s) and objectives. This will include for example the communication of the asset management policy, asset performance information, and planning information as appropriate to contractors.	Top management and senior management representative(s), employee's representative(s), employee's trade union representative(s); contracted service provider management and employee representative(s); representative(s) from the organisation's Health, Safety and Environmental team. Key stakeholder representative(s).	Asset management policy statement prominently displayed on notice boards, intranet and internet; use of organisation's website for displaying asset performance data; evidence of formal briefings to employees, stakeholders and contracted service providers; evidence of inclusion of asset management issues in team meetings and contracted service provider contract meetings; newsletters, etc.
17	Asset Management System documentation		What documentation has the organisation established to describe the main elements of its asset management system and interactions between them?	3	Enable has adopted the Insitute of Asset Management (IAM) Framework and the ISO 55000 for setting asset management objectives. Our AM documentation has been completed, though they will require formal reviews.	3	A review process is in place to identify any missing elements that need to be documented. Once the missing elements have been identified, Enable will develop clear, concise and easy to understand documentation that describes these elements.	Widely used AM practice standards require an organisation maintain up to date documentation that ensures that its asset management systems (ie, the systems the organisation has in place to meet the standards) can be understood, communicated and operated.	The management team that has overall responsibility for asset management. Managers engaged in asset management activities.	The documented information describing the main elements of the asset management system (process(es)) and their interaction.
18	Information management		What has the organisation done to determine what its asset management information system(s) should contain in order to support its asset management system?	3	Further work is to be undertaken to review what Asset Management System would be the most beneficial to Enable, as there are currently multiple locations that contain asset management information. Enable need to create an IT investment strategy that encompasses a specific focus on enhancing our asset management capabilities. We recognise the necessity of formulating an asset information strategy that encompasses the comprehensive range of data essential for effectively managing our diverse assets across their entire lifecycle, maintaining consistency across various categories.	3	To determine the Asset Management System best suited to Enable, information gathering has been undertaken to identify the types of assets that Enable manage and the information that is required for each asset.	Effective asset management requires appropriate information to be available. Widely used AM standards therefore require the organisation to identify the asset management information it requires in order to support its asset management system. Some of the information required may be held by suppliers. The maintenance and development of asset management information systems is a poorly understood specialist activity that is akin to IT management but different from IT management. This group of questions provides some indications as to whether the capability is available and applied. Note: To be effective, an asset information management system requires the mobilisation of technology, people and process(es) that create, secure, make available and destroy the information required to support the asset management system.	The organisation's strategic planning team. The management team that has overall responsibility for asset management. Information management team. Operations, maintenance and engineering managers	Details of the process the organisation has employed to determine what its asset information system should contain in order to support its asset management system. Evidence that this has been effectively implemented.

	Company Name	Enable Networks Limited
	AMP Planning Period	From 1 July 2023 to 30 June 2026
	Asset Management Standard Applied	ISO 55001

SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY

This Schedule requires information on an ID-only regulated provider's self-assessment of the maturity of its asset management practices and a descriptions of its practices for collecting and managing network data, making risk-based decisions and managing cost estimation models.

			Question		Response		Relevance	Explanation	Who	Evidence
19			How does the organisation maintain its asset management information system(s) and ensure that the data held within it (them) is of the requisite quality and accuracy and is consistent?	3	Data is held in various repositories, depending on the asset type and hierarchy, as well as the information required about the asset on a daily basis.	3	Along with the Asset Management System (Software) to be implemented, there is the requirement to apply data quality controls to ensure data is reliable and accurate. Data integrity is currently being managed through Power BI reporting out of our GIS system. It is necessary to define the data requirements and elements Enable needs to collect, including the asset's condition, location, lifecycle and maintenance history, which needs collating so that records are not duplicated and one source of truth is held, as much as possible. Enable needs to continuously improve our asset management systems and data quality processes.	The response to the questions is progressive. A higher scale cannot be awarded without achieving the requirements of the lower scale.

This question explores how the organisation ensures that information management meets widely used AM practice requirements. | The management team that has overall responsibility for asset management. Users of the organisational information systems. | The asset management information system, together with the policies, procedure(s), improvement initiatives and audits regarding information controls. |
20			How has the organisation's ensured its asset management information system is relevant to its needs?	3	Asset information is becoming easier to determine and report on. Assets now have a reporting mechanism, depending on their type, e.g. Power BI reporting generating a report based on our Gtech GIS system.	3	Now that all assets are known a needs assessment is required identifying the type of data Enable needs to collect, the level of data and the frequency of updates. Enable will develop a plan based on the needs assessment to address gaps and identify data elements that need to be added, improving data quality and functionality. Decision will be made on what is the best way forward for storage of the various asset groups.	Widely used AM standards need not be prescriptive about the form of the asset management information system, but simply require that the asset management information system is appropriate to the organisations needs, can be effectively used and can supply information which is consistent and of the requisite quality and accuracy.	The organisation's strategic planning team. The management team that has overall responsibility for asset management. Information management team. Users of the organisational information systems.	The documented process the organisation employs to ensure its asset management information system aligns with its asset management requirements. Minutes of information systems review meetings involving users.
21	Risk management process(es)		How has the organisation documented process(es) and/or procedure(s) for the identification and assessment of asset and asset management related risks throughout the asset life cycle?	3	Enable has a general Master Risk Register that documents all known risks that may affect the business. This includes asset management risks as well. We pinpoint strategic and operational risks using our regularly reviewed risk management framework, overseen by senior management. These risk assessments play a crucial role in shaping our investment choices. Within our Asset Management Plan, we evaluate the pertinent risk associated with each asset class, and advocates for suitable review cycles.	4	Risks associated with asset management require identification, assessment and a mitigation strategy put in place. Some of these mitigations are captured in our Disaster Recovery documentation and each new project Enable tackles, such as the replacement of Access equipment, has its own risk matrix. A more detailed approach to risk management at an asset level is required, in particular in relation to supplier risk. Risk mitigation is being undertaken as part of our Scenario Analysis.	Risk management is an important foundation for proactive asset management. Its overall purpose is to understand the cause, effect and likelihood of adverse events occurring, to optimally manage such risks to an acceptable level, and to provide an audit trail for the management of risks. Widely used standards require the organisation to have process(es) and/or procedure(s) in place that set out how the organisation identifies and assesses asset and asset management related risks. The risks have to be considered across all phases of the asset lifecycle.	The top management team in conjunction with the organisation's senior risk management representatives. There may also be input from the organisation's Safety, Health and Environment team. Staff who carry out risk identification and assessment.	The organisation's risk management framework and/or evidence of specific process(es) and/ or procedure(s) that deal with risk control mechanisms. Evidence that the process(es) and/or procedure(s) are implemented across the business and maintained. Evidence of agendas and minutes from risk management meetings. Evidence of feedback in to process(es) and/or procedure(s) as a result of incident investigation(s). Risk registers and assessments.
22	Use and maintenance of asset risk information		How does the organisation ensure that the results of risk assessments provide input into the identification of adequate resources and training and competency needs?	3	Enable has begun the journey of reflecting on past projects and assessing lessons learnt. This has become more obvious to Enable as it has introduced an Agile approach to projects. This approach has identified clashes in resourcing, training and competency needs.	3	Enable will build on its efforts to having a more structured approach to allocating resources appropriately and developing the necessary skills and knowledge to manage risk effectively. A more formal approach is being applied than ever before, including regular reviews of risk assessments, control measures and identifying where additional resources and training may be required.	Widely used AM standards require that the output from risk assessments are considered and that adequate resource (including staff) and training is identified to match the requirements. It is a further requirement that the effects of the control measures are considered, as there may be implications in resources and training required to achieve other objectives.	Staff responsible for risk assessment and those responsible for developing and approving resource and training plan(s). There may also be input from the organisation's Safety, Health and Environment team.	The organisations risk management framework. The organisation's resourcing plan(s) and training and competency plan(s). The organisation should be able to demonstrate appropriate linkages between the content of resource plan(s) and training and competency plan(s) to the risk assessments and risk control measures that have been developed.
23	Legal and other requirements		What procedure does the organisation have to identify and provide access to its legal, regulatory, statutory and other asset management requirements, and how is requirements incorporated into the asset management system?	3	Enable has had a comprehensive Legal Compliance Program in place for the past 10 years. In addition, Enable has a SaaS Legal Compliance provider that manages and updates all applicable legislation to Enable's business that includes any requirements for asset management.	3	The SaaS Legal Compliance provider now updates Enable with any changes to legislation or any new legislation that impacts Enable. The Legal Team will also set up quarterly reviews with the Head of Asset Investments to go over the legal requirements to ensure these are incorporated into the asset management system.	In order for an organisation to comply with its legal, regulatory, statutory and other asset management requirements, the organisation first needs to ensure that it knows what they are. It is necessary to have systematic and auditable mechanisms in place to identify new and changing requirements. Widely used AM standards also require that requirements are incorporated into the asset management system (e.g. procedure(s) and process(es))	Top management. The organisations regulatory team. The management team with overall responsibility for the asset management system. The organisation's legal team or advisors. The organisation's health and safety team or advisors. The organisation's policy making team.	The organisational processes and procedures for ensuring information of this type is identified, made accessible to those requiring the information and is incorporated into asset management strategy and objectives
24	Life Cycle Activities		How does the organisation establish implement and maintain process(es) for the implementation of its asset management plan(s) and control of activities across the creation, acquisition or enhancement of assets. This includes design, modification, procurement, construction and commissioning activities?	3	Different asset groups and types have varying related activites depending on whether they are Layer 0, Layer 1 or Layer 2 assets and are managed by various teams. In the past, the narrative was to construct and expand the fiber network to reach as many end users as possible. This has dictated the investment lifecycles for both existing and new assets, prioritising those that provide the highest value. We have established effective project management and technical standards that are organised and managed through SharePoint and investments in asset lifecycle are integrated into our business planning procedures. This gives us confidence in our ability to diligently monitor and control project costs. However, as we transition into a new regulatory landscape, there is a pressing need for substantial enhancements in our documentation pertaining to the processes, models, and rules. These improvements will serve as a guiding framework to enhance the planning, execution, performance, and disposal of assets throughout their lifecycle.	3	Work is underway to identify gaps in processes and procedures, for example CoLo activity occurring in our Central Offices was recently reviewed and a Layer 2 asset management view was produced that can now be kept up to date. This will be improved in the coming months. Also Enable are working alongside Civtec as "Switch" to ensure that input equals output and that the correct information is recorded. This includes continual improvement the establishment framework, training and monitoring.	Life cycle activities are about the implementation of asset management plan(s) i.e. they are the "doing" phase. They need to be done effectively and well in order for asset management to have any practical meaning. As a consequence, widely used standards require organisations to have in place appropriate process(es) and procedure(s) for the implementation of asset management plan(s) and control of lifecycle activities. This question explores those aspects relevant to asset creation.	Asset managers, design staff, construction staff and project managers from other impacted areas of the business, e.g. Procurement	Documented process(es) and procedure(s) which are relevant to demonstrating the effective management and control of life cycle activities during asset creation, acquisition, enhancement including design, modification, procurement, construction and commissioning.

Company Name	**Enable Networks Limited**
AMP Planning Period	**From 1 July 2023 to 30 June 2026**
Asset Management Standard Applied	**ISO 55001**

SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY

This Schedule requires information on an ID-only regulated provider's self-assessment of the maturity of its asset management practices and a descriptions of its practices for collecting and managing network data, making risk-based decisions and managing cost estimation models.

No.	Category		Question	Score	Response	Score	Commentary	Roles	Evidence
25			How does the organisation ensure that process(es) and/or procedure(s) for the implementation of asset management plan(s) and control of activities during maintenance (and inspection) of assets are sufficient to ensure activities are carried out under specified conditions, are consistent with asset management strategy and control cost, risk and performance?	3	Enable inspects work in the field and the Central Offices have a maintenace strategy in place to ensure the network is not put at risk. We oversee the actions and effectiveness of our third-party contracted personnel to guarantee that the maintenance and inspection of our assets align with our operational and risk protocols. In our agreements with service providers, we incorporate explicit contractual provisions to establish clear expectations for all parties involved in the operation and maintenance of our assets.	3	There are clearly defined processes and procedures for field inspections and work is not signed off until work is completed to standard. Work is currently underway to clarify maintenance work requirements in the Central Offices, as Enable has changed its processes in recent times. Further work is required to monitor process and procedures and identify any areas that need improvement.	Having documented process(es) which ensure the asset management plan(s) are implemented in accordance with any specified conditions, in a manner consistent with the asset management policy, strategy and objectives and in such a way that cost, risk and asset system performance are appropriately controlled is critical. They are an essential part of turning intention into action.	Asset managers, operations managers, maintenance managers and project managers from other impacted areas of the business	Documented procedure for review. Documented procedure for audit of process delivery. Records of previous audits, improvement actions and documented confirmation that actions have been carried out.
26	Performance and condition monitoring		How does the organisation measure the performance and condition of its assets?	3	Enable has historically managed the performance of its network by monitoring the Layer 2 (Network Technology Layer). We possess clear visibility into the network's overall performance, encompassing aspects like meeting demand patterns, network utilisation, and service performance standards. It's worth noting that we lack a uniform methodology for recording performance across all asset classes.	4	To develop a more effective approach to monitoring the network, Enable is implementing a proactive and comprehensive monitoring system to the Central Office racks. This will provide the data required to evaluate and forecast future CoLo growth and whether or not our HVAC and power systems are adequate. An an organisation, Enable is continuing to invest in technology and data analytics to improve the accuracy and timeliness of performance data, as well as real-time monitoring of assets. From a Layer 0 and Layer 1 prospective, we are now able to view our assests through Power BI from our GIS system. This has given Enable employees the ability to access information when required and not waste time searching for information.	Widely used AM standards require that organisations establish implement and maintain procedure(s) to monitor and measure the performance and/or condition of assets and asset systems. They further set out requirements in some detail for reactive and proactive monitoring, and leading/lagging performance indicators together with the monitoring or results to provide input to corrective actions and continual improvement. There is an expectation that performance and condition monitoring will provide input to improving asset management strategy, objectives and plan(s).	A broad cross-section of the people involved in the organisation's asset-related activities from data input to decision-makers, i.e. an end-to end assessment. This should include contactors and other relevant third parties as appropriate.	Functional policy and/or strategy documents for performance or condition monitoring and measurement. The organisation's performance monitoring frameworks, balanced scorecards etc. Evidence of the reviews of any appropriate performance indicators and the action lists resulting from these reviews. Reports and trend analysis using performance and condition information. Evidence of the use of performance and condition information shaping improvements and supporting asset management strategy, objectives and plan(s).
27	Investigation of asset-related failures, incidents and nonconformities		How does the organisation ensure responsibility and the authority for the handling, investigation and mitigation of asset-related failures, incidents and emergency situations and non conformances is clear, unambiguous, understood and communicated?	3	We have firmly established procedures for addressing and handling faults and incidents. Faults are promptly attend to through the use of system alarms and notifications. Crtical system faults are swiftly escalated to service providers to expediate repair times. There are three levels of escalation, depending on the number of customers impacted. Work is underway to provide guidance on all levels.	3	Enable is currently undertaking a Business Continuity Management Enhancement Project, aimed updating all relevant documentation. This includes the creation of an Enable BCM Policy Document, Crisis and Emergency Management Manual, Central Office and Infrastructure Business Continuity Plan, Head Office - People and Places Business Continuity Plan and an Information Technology Disaster Recovery Plan.	Widely used AM standards require that the organisation establishes implements and maintains process(es) for the handling and investigation of failures incidents and non-conformities for assets and sets down a number of expectations. Specifically this question examines the requirement to define clearly responsibilities and authorities for these activities, and communicate these unambiguously to relevant people including external stakeholders if appropriate.	The organisation's safety and environment management team. The team with overall responsibility for the management of the assets. People who have appointed roles within the asset-related investigation procedure, from those who carry out the investigations to senior management who review the recommendations. Operational controllers responsible for managing the asset base under fault conditions and maintaining services to consumers. Contractors and other third parties as appropriate.	Process(es) and procedure(s) for the handling, investigation and mitigation of asset-related failures, incidents and emergency situations and non conformities. Documentation of assigned responsibilities and authority to employees. Job Descriptions, Audit reports. Common communication systems i.e. all Job Descriptions on Internet etc.
28	Audit		What has the organisation done to establish procedure(s) for the audit of its asset management system (process(es))?	3	As part of the Annual Statutory Audit and the Regulatory Audit that PWC has been selected to complete Enable's Audit for FY23. We conduct audits in strict adherence to our established governance procedures for investment planning and program delivery. Internal reviews have been conducted to gain insights on enhancing our asset management proficiency.	3	The audit procedures in place elsewhere in the business need to be applied to our network asset management data. The plan is to enhance our audit scope, setting audit objectives and criteria, identifying necessary resources, and establishing timelines. Both internal and external audits are to be conducted to ensure compliance and effectiveness.	This question seeks to explore what the organisation has done to comply with the standard practice AM audit requirements.	The management team responsible for its asset management procedure(s). The team with overall responsibility for the management of the assets. Audit teams, together with key staff responsible for asset management. For example, Asset Management Director, Engineering Director. People with responsibility for carrying out risk assessments	The organisation's asset-related audit procedure(s). The organisation's methodology(s) by which it determined the scope and frequency of the audits and the criteria by which it identified the appropriate audit personnel. Audit Schedules, reports etc. Evidence of the procedure(s) by which the audit results are presented, together with any subsequent communications. The risk assessment Schedule or risk registers.
29	Corrective & Preventative action		How does the organisation instigate appropriate corrective and/or preventive actions to eliminate or prevent the causes of identified poor performance and non-conformance?	3	For Physical and Layer 1 assets, all maintenance and inspection tasks are carried out by designated service providers, adhering to the stipulated contractual obligations. Regarding Layer 2 assets, defects are categorised based on the number of affected customers, determining their priority for resolution. It is important to note that faults and defects are classified separately to avoid any potential confusion with customer complaints. Corrective actions are taken to address existing problems and non conformance, which include, investigating the problem, documenting the findings and communicating these to the relevant stakeholders, developing a plan to address the issue and continue to monitor.	3	In the long run, our aim is to enhance our reliability strategy, which will integrate elements such as network architecture, asset reliability, failure modes, and customer regulatory requirements. This approach aims to emphasise proactive measures over reactive ones, ultimately leading to more effective prevention of issues. We currently conduct risk assessments to identify potential problems and issues to prevent them from occurring.	Having investigated asset related failures, incidents and non-conformances, and taken action to mitigate their consequences, an organisation is required to implement preventative and corrective actions to address root causes. Incident and failure investigations are only useful if appropriate actions are taken as a result to assess changes to a businesses risk profile and ensure that appropriate arrangements are in place should a recurrence of the incident happen. Widely used AM standards also require that necessary changes arising from preventive or corrective action are made to the asset management system.	The management team responsible for its asset management procedure(s). The team with overall responsibility for the management of the assets. Audit and incident investigation teams. Staff responsible for planning and managing corrective and preventive actions.	Analysis records, meeting notes and minutes, modification records. Asset management plan(s), investigation reports, audit reports, improvement programmes and projects. Recorded changes to asset management procedure(s) and process(es). Condition and performance reviews. Maintenance reviews
30	Continual Improvement		How does the organisation achieve continual improvement in the optimal combination of costs, asset related risks and the performance and condition of assets and asset systems across the whole life cycle?	3	A Forty Year CAPEX Plan has been developed as the first stage of assessing the network assets across the whole life cycle. This is the first time Enable has had the ability to see such a long term aspect of what the network is going to cost Enable to continue to run and replace in the future.	3	Work is required to clearly define and prioritise desired levels of service, both technical and customer and the impact this has on asset management objectives. This forms part of the Asset Management Plan and will continue to be developed to ensure Enable is assessing the appropriate metrics and KPIs, identifying areas for improvement.	Widely used AM standards have requirements to establish, implement and maintain process(es)/procedure(s) for identifying, assessing, prioritising and implementing actions to achieve continual improvement. Specifically there is a requirement to demonstrate continual improvement in optimisation of cost risk and performance/condition of assets across the life cycle. This question explores an organisation's capabilities in this area—looking for systematic improvement mechanisms rather that reviews and audit (which are separately examined).	The top management of the organisation. The manager/team responsible for managing the organisation's asset management system, including its continual improvement. Managers responsible for policy development and implementation.	Records showing systematic exploration of improvement. Evidence of new techniques being explored and implemented. Changes in procedure(s) and process(es) reflecting improved use of optimisation tools/techniques and available information. Evidence of working parties and research.

		Company Name	Enable Networks Limited
		AMP Planning Period	From 1 July 2023 to 30 June 2026
		Asset Management Standard Applied	ISO 55001

SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY

This Schedule requires information on an ID-only regulated provider's self-assessment of the maturity of its asset management practices and a descriptions of its practices for collecting and managing network data, making risk-based decisions and managing cost estimation models.

31			How does the organisation seek and acquire knowledge about new asset management related technology and practices, and evaluate their potential benefit to the organisation?	Work has been undertaken to connect with other NZ fibre providers, TCF and other infrastructure providers to assess what different organisations are using, what they believe is worth keeping or not keeping in place.	3	Enable is actively seeking out new ideas and evaluating their effectiveness. More work is required to establish clear goals giving us the ability to research best practices and new ideas. An Asset Management Team has been set up by Enable in CCHL to create the forum for future communication and sharing of information.	One important aspect of continual improvement is where an organisation looks beyond its existing boundaries and knowledge base to look at what 'new things are on the market'. These new things can include equipment, process(es), tools, etc. An organisation which does this will be able to demonstrate that it continually seeks to expand its knowledge of all things affecting its asset management approach and capabilities. The organisation will be able to demonstrate that it identifies any such opportunities to improve, evaluates them for suitability to its own organisation and implements them as appropriate. This question explores an organisation's approach to this activity.	The top management of the organisation. The manager/team responsible for managing the organisation's asset management system, including its continual improvement. People who monitor the various items that require monitoring for 'change'. People that implement changes to the organisation's policy, strategy, etc. People within an organisation with responsibility for investigating, evaluating, recommending and implementing new tools and techniques, etc.	Research and development projects and records, benchmarking and participation knowledge exchange professional forums. Evidence of correspondence relating to knowledge acquisition. Examples of change implementation and evaluation of new tools, and techniques linked to asset management strategy and objectives.

SECTION 2 - DESCRIPTION OF PRACTICES FOR COLLECTING AND MANAGING NETWORK ASSET DATA, MAKING RISK-BASED DECISIONS AND MANAGING COST ESTIMATION MODELS

Question No.	Function	Standard Ref. (For guidance only)	Scope/purpose of description	Evidence—Summary	User Guidance	Description of Practices
32	Describe how the business plans to systematise processes for collecting and collating network asset data, including data supplied by contractors and other third parties (note - target score and initiatives must be reported under 25 above).	ISO 55002, 7.5	Describe whether asset condition information is being captured in its systems in a consistent way so that when the data is extracted, it is meaningful and reliable. Describe what it has put in place by way of processes to achieve this, including how the business intends to ensure consistent and systematic data collection from third party providers who may be engaged in maintenance activitites.	Central Office assets are currently the only assets where condition is routinely assessed as part of the maintenance schedule. No other condition rating systems are applied to the assets.	N/A	All data in relation to Central Offices has been collected in a SharePoint List "Site & Field Sustain", acting as an Asset Register. These are assets that do not currently sit within our GTech (Hexagon Core) GIS System. This Site Sustain has been created to fill the gaps that exist within our collected data and to provide and updqote register to be imported in a new AM Software. Regular assessment of Central Office equipment and replacement is based on useful life, age and useage. Enable does not condition rate the Field Network. The Site and Field Sustain Register also provides for maintenance schedules, make/brand, model and all revelant information pertinent to the maintenance and replacement of each asset type. Central Office (Site Sustain) information is managed by the Head of Asset Investment and the Facilities Manager. All other network information is managed by the Network Delivery Team, and largely inputted by the Civtec Design Team, as they complete new build.
33	Describe how the business plans to improve knowledge of network asset condition so that assets are replaced in a timely manner (note - target score and initiatives must be reported under 25 above).	ISO 55000, 6.2	Asset replacement decision making should be a key asset management objective and it should be informed by asset condition data to ensure assets are not replaced to late or too early. Asset condition based decision making also supports expenditure forecasts and reliable asset management plans	Asset Management Objectives and planning to achieve them: Asset condition is only applied to Central Office assets and not yet applied to field assets. As our network is relatively new, asset life is used as our replacement initiative.	N/A	AM Software will allow Enable to model asset replacement at the Central Offices, which is reactive and based on useful life and condition (via maintenance). A monitoring system is being investigated that will capture power useage and temperature readings at a building level and a rack level, allowing us to determine what is required to provide colocation requests. This will also feed into our GHG emission reporting requirements. Event modelling (storms, earthquakes etc.) are being introduced to provide better decision making capabilities and assist in identifying critical infrastructure and reliance on other infrastructure providers.
34	Describe how the business plans to, where appropriate, develop and improve asset health models so that they are informed by network asset condition data. (note - target score and initiatives must be reported under 25 above)	ISO 55002, 6.2	Asset health models are key to ensuring that asset replacements can be made in a timely manner and that expenditure forecasts are more robust. In some cases age-based volumetric models, informed by asset outage rates may be more appropriate but where asset health models can be reasonably developed, they should be.	Through the update of our Hexagon GTech system we aim to further improve our asset data.	N/A	Asset information is currently stored in different formats according to the particular requirements of the asset. Some software holds the GIS and provisioning information, whereby the financial information is housed separately. The aim is to bring all asset information into a "One Source of Truth" view.
35	Describe how the business plans to ensure that there is a clear line-of-sight from asset condition data through to the expenditure forecasts and financial reporting. (note - target score and initiatives must be reported under 25 above).	ISO 55002, 9.1	Systematised asset management systems should ensure that there is consistency and traceability of technical asset information and condition data, through to the financial systems. This will support robust expenditure forecasting and decision making. This is consistent with ISO 55002 section 9.1	Asset condition data is currently limited to the Central Offices.	N/A	Work is underway to assess AM Software in relation to best fit for the organisation and a system that will connect to our Hexagon GIS Product, that stores our network field data and is used for provisioning.
36	Describe how it plans to ensure it has an audited and regularly-maintained platform for sharing network asset data with internal and external stakeholders	ISO 55002, 2.5 and 8.3.2 (e)	Ensuring that asset and network data is verifiably accurate and enabling platforms for accessing that data made available to internal staff and thrid party providers will improve asset management outcomes.	Enable has its fibre network inside GTech GIS System that is available to our partner, Civtec. Work is underway to integrate our map data into a collaborative mapping system that is available to all local governments and users of the system, with particular emphasis on emergency situations and scenario modelling.	N/A	All relevant parties are inducted in accessing and using Enable systems to record information.

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SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY

This Schedule requires information on an ID-only regulated provider's self-assessment of the maturity of its asset management practices and a descriptions of its practices for collecting and managing network data, making risk-based decisions and managing cost estimation models.

37	Describe how the business plans to test its asset and network performance, evaluate whether it is achieving its asset management policies and objectives, and identify ways to improve the performance of its network.	ISO 55000, 9.1	The asset management system should use monitored and measured data to obtain information regarding asset and network performance. This should be used to evaluate whether the asset management policies and objectives are being met, and identify corrective actions and areas for improvement.	ISO 55001 9.1 Monitoring, measurement, anaylsis and evaluation. Quotes sought for Building Management Systems, measuring power consumption, solar power delivered back to the grid, temperature at the ceiling and floor level of each room, HVAC power and gas usage. Rack power monitoring is the next phase. N/A	The network performance is managed by the NOC. In terms of network performance initiatives, Enable has recently upgraded the Aggregation network from Huawei to a new Cisco platform. This results in incrased backhaul capacity between the Access and Aggregation devices.
38	Describe how the business intends to develop its asset criticality understanding, and how this informs its asset replacement and renewal strategies.	ISO 55002, 6.2.2.3 and 6.2.2.4	Understanding asset criticality and the impact that asset has on supply reliability if it fails is a key input into intervention prioritisation.	Asset classes are identified, grouped and placed in hierarchy. Assets are given a unique identifier and an asset life is applied to each asset. Installation year has been applied to generate a Remaining Useful Life and a date of replacement. A unit rate, installation rate and inflation has been applied to each asset, in order to calculate Current Replacement Cost and model replacement programs. N/A	Assessment of methods of identifying critical assets is being undertaken. Hexagon Core (GTech) has identified some assets as critical, further investigation and verification of the data is required and how this data will be displayed.
39	Describe how the business intends to improve its network asset risk framework so it can make risk-based decisions, including where appropriate, risk-based decisions based on reliability events, environmental risk, high-impact low-probability event risk, and safety risk.	ISO 55002, 6.2.2.3 and 6.2.2.4	The risk spectrum includes a wide range of risk considerations such as expected event risk, due to asset reliability events, through to unexpected HILP events that may involve multi-asset long duration outages for events such as earthquakes or floods. Safety risk involves asset failures in the proximity of staff or the public, and environmental risk may involve asset failure that has an environmental impact. A comprehensive risk framework will provide a platform for these risk considerations to inform risk mitigation strategies and expenditure decisions.	Enable and Civtec address general risk on a daily basis as the Health and Safety initiative. Business risk is addressed in the Risk Register, which is reviewed regularly. Enable also delivers an Understanding Risk training module to all staff, which provides team members with an understanding of what risks are associated with the business in general, including cyber security. As part of the Climate Related Disclosures, Enable is looking at both Transitional Risk and Physical Risk. Transitional Risk includes Policy & Legal, Technology, Market and Reputation. Physical Risk includes Acute (extreme weather events, such as cyclones or floods) and Chronic Risk, which includes weather variability, rising temperatures and sea levels. N/A	Enable and its main contractor "Civtec" use a range of risk management tools to identify, assess, and mitigate hazards and risk to what is deemed "reasonably practicable". If the risk is considered "critical" a more robust high-level assessment will take place in the form of a bowtie, low-med level will also be assessed however with a lighter risk assessment approach. Controls implemented and recommended are measured against the hierarchy of control, this provides Enable and Civtec with assurances that our residual risk is reduced, it also provides further assurances to understanding how both the likelihood and severity is impacted in a positive light, when implemented correctly.
40	Describe how the business is developing practices to identify and mitigate safety risks, including the use of a framework such as ALARP to prioritise identified safety risks and to justify investments to mitigate those risks.	ISO 55002, 6.2.2.3 and 6.2.2.4 and clause 22 of the Health and Safety at Work Act 2015	Risk calculations related to safety risk should be sufficiently explicit for decision makers to understand relative asset and network related safety risks, risk prioritisation, and the economic decision making surrounding mitigations if these are to provide risk controls above levels required by network design standards and statutory requirements.	Enable and Civtec have comprehensive processes for hazard and risk management, including the use of risk matrix to calculate risk, both before the risk is mitigated (inherent) and once controls have been put in place (residual). The hierarchy of controls is applied to ensure the highest mitigation factors are considered first, ensuring the risk is reduced as low as practically possible. If risks are not mitigated to an appropriate residual level, there is an escalation process whereby the decision making around continuing to have that risk in the business is taken to the SLT and Board. N/A	Enable and Civtec both have a program in place to identify safety risks and prioritise those safety risks categories as critical risks. A Safety risk Management Plan isn the form of a critical risk framework has been developed to ensure the risk is comprehensively understood, and that all critical controls required to effectively manage the risk are identified
41	Describe how the business plans to routinely audit, update, and manage its cost estimation models.		Project and programme costs estimation is a key component of robust asset and project investment decision making.	Costs are reviewed monthly and updated in cost estimation models as part of regular re-forecasting process N/A	Enable and Civtec have a regular review of rate cards used in the formation of project estimates. Projects have a scope of works issued and then the project manager reviews the project to this scope of work during its lifecycle. Where variations are due to rate movements as opposed to scope changes these are fed into next rate review process.
42	Describe how the business plans use actual costs of completed capital expenditure and operating expenditure projects and programmes, to improve future cost estimates.		Using actual project and programme costs to review estimates will help ensure that future forecasts are likely to be more accurate and drive efficiencies.	Costs are reviewed monthly and updated in cost estimation models as part of regular re-forecasting process N/A	Enable and Civtec have a regular review of rate cards used in the formation of project estimates. Projects have a scope of works issued and then the project manager reviews the project to this scope of work during its lifecycle. Where variations are due to rate movements as opposed to scope changes these are fed into next rate review process.
43	Describe how the business plans to ensure capital expenditure and operating expenditure projects and programmes are efficiently delivered and implemented, and meet applicable industry standards.		Network design projects are completed to architecture standards and build projects are completed to agreed build standards N/A	As part of a project there is regular monitoring of delivery standards. On completion projects go through a sign off process which includes User Acceptance Testing where Network development	