



For Submission to:

Commerce Commission

Asset Management Plan Update

1st April 2022 – 31st March 2032

Prepared By:

Buller Electricity

Robertson Street

Westport

Date: 31 March 2022

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1. ASSET MANAGEMENT PLAN UPDATE

Buller Electricity has elected to provide an Asset Management Plan Update for the 2022-2032 years as opposed to a full Asset Management Plan as permitted under section 2.6.3 of the Electricity Distribution Information Disclosure Determination 2012.

This Asset Management Plan Update relates to the period 1 April 2022 to 31 March 2032. It was completed in March 2022 and approved by Buller Electricity's Board of Directors on 17th March 2022, prior to public disclosure on 31 March 2022.

This update relates to the Buller Electricity Ltd 2022-2032 AMP and provides information on material changes to that plan.

This update summarises what we consider material changes to the BEL 2021 AMP and the reasons why these changes have occurred. For additional information, the reader is encouraged to review the full 2021 AMP.

2. MATERIAL CHANGES TO THE NETWORK DEVELOPMENT PLANS

There have been no material changes to the Network development plans as set out in Section five of the Buller Electricity 2021-2031 Asset Management Plan.

3. MATERIAL CHANGES TO LIFE CYCLE ASSET MANAGEMENT

Overhead conductors are a critical asset in the distribution network. Unexpected conductor failures can lead to safety hazards, loss of supply and possible environmental damages and capital losses. Current asset management practices heavily rely on visual inspections. Conductor replacement is mainly driven by reactive response to the volume of conductor failure incidents. In general, practical experience, current asset age information and technical knowledge is used to try and predict future overhead conductor replacement dates.

Following on from outages caused by conductor breakages BEL have reviewed conductor types and sizes used on the network along with the replacement criteria given the physical location of where high corrosion rates are to be expected, along with future conductor types to be used in specific areas.

Additional inspection regimes and condition assessment criteria have also been adopted. After these recent breakages, and along with inspection and testing of conductors from overhead lines within 500 meters from the seacoast we have determined that a two-age level proactive regime of testing and corrosion inspection of conductors is our best approach. The first inspection and testing at 45 years of an age or where deterioration has been identified through field condition inspections. This is to be undertaken for all non-PVC covered conductors within 500 meters of the seacoast and then on a five yearly basis. Additionally, all conductors below 35mm aluminium and 25mm copper are to be tested where the network fault level is above 2kA at the same age. An early testing regime for conductors in these areas should identify lines where corrosion and or annealing caused by elevated temperatures may have reduced conductor strength and created higher risk of conductor breakage. This testing will be undertaken by way of removal of a single span of conductor from the overhead line to carry out measurements of strand diameter and breakage testing along with assessment of the effects of corrosion and or annealing. All conductors outside of the above area will have testing started at 60 years of age or where assessment through condition surveys dictate an earlier test is advised.

4. REASONS FOR MATERIAL CHANGES TO FORECAST EXPENDITURE (SCHEDULES 11A AND 11B)

Over the last year the Covid 19 Lockdown and associated restrictions and the Westport area flooding events of July 2021 and February 2022 affected BELs work plans and some project work was unable to be completed during the year. As such some lower priority work that was scheduled for the 2022-2023 year has been deferred to allow for this work to be completed.

Increases in material costs and supply availability have increased over the last year and this is reflected in our forward forecasts, our forecast increases are based on the previous year's material price increase with the addition of a half year increase based on the Statistics NZ business capital goods price index, this amounts to an overall increase of 11.1% over the budgeted 2021/2022 year which adds an additional cost of \$121k across all budget forecasts.

Flood related resiliency work

Following a review of the Westport flooding events four distribution substations in low lying areas of Westport were identified as requiring raising to ensure they are clear of any future flood water, additional LV switch points will also be installed in the Stout, Menzies and Roebuck Street area to allow safe disconnection of complete areas of flooded housing. This and some minor remedial repairs adds \$81k to the AMP budgets.

Resiliency

In April 2022 BEL engaged Mitton ElectroNet to undertake a resilience review of BEL as per the EEA Resilience Guide. An action plan for the outcomes and recommendations has been implemented and this has had some material effects to the 11A and 11B schedules as below

The budget includes a \$30k allowance for civil engineering consultant work for seismic assessment of two pole overhead substations and padmount distribution transformer foundations

An allowance of \$100k has been included to increase the network critical and emergency spares

The critical/emergency spares that appear to need attention are:

- The lack of 11 and 33 kV cable repair joint and termination kits.
- Increase the crossarm, insulator, and conductor stock, to allow up to 5 km of 11 or 33 kV line to be built.
- Adding more wooden poles to the emergency stock list.

A budgetary figure of \$15k has been allowed for a containerised emergency control room to be set up in the 2022-2023 Year. BELs alternative site for an emergency control room was the Robertson Street substation, this was seen as an ideal location as this is the substation that supplies all of the Buller Network and is located on some of the highest ground in Westport. The review suggested that a relocatable emergency control room may be more appropriate and this was confirmed during the February flooding events when the possibility of the whole town having to be evacuated (including the substation) was being considered.

\$30k has been budgeted to increase the diesel fuel storage for the Kongahu substation standby generators to allow for extended road closures and 33kV line outages affecting the Karamea and Little Wanganui areas.

Consumer connection works

Government policy to drive the country to reduce net emissions of all greenhouse gases to zero by 2050 has implemented a change from coal fired heating in four schools in the BEL network. Two of these school sites require additional distribution substations to be installed, this is forecast to add \$128k to the consumer connection expenditure. Five other coal fired boiler sites have been identified that are potential candidates for electrification and all, but one is able to be supplied via the existing network without material expenditure, the remaining one is still being investigated for future heating options.

Non network Assets

BEs upgrade programme for the asset management system and GIS software systems that we use to manage our assets has not progressed as planned and fell behind due to scoping, development and implementation delays. The forecast for this has been extended and increased as the scope now includes upgrading the financial and associated systems to Business central software. This is now forecast to cost \$1,047k over the next two years.

Service interruptions and emergencies

Forecast operational fault expenditure has increased after a review of the last five years fault expenditure and budgets, along with standby, material and transport costs. These combined add \$23k to the annual fault budget.

Vegetation management

Vegetation management budget has been increased for the 2022-2023 year due to a Vegetation control work increases from the previous \$331k to \$375k due to nearly all the tree work being undertaken by an external contractor and recent line surveys identifying vegetation safety and reliability risks. This has increased from a previously planned \$341k to \$375k.

System operations and network support costs have altered due to a forecast increase in design and standards development, salary rate adjustments/increases along with a financial change of allocation of unrecovered wages of some staff to this budget.

Business Support

With a downturn and lack of non-regulated external contracting work available due to Covid 19, business support costs have increased, this is due to the allocation of costs is based on the ratio of regulated network costs to non-regulated costs, the cost allocator used to determine the ratio of internal regulated spend vs non-regulated spend has increased in favour of the internal spend due to less focus on external spend due to C19. Forecasts have increased from \$1,666k to \$2,727k for the 2022-2023 year and remain steady over the planning period.

5. CHANGES TO ASSET MANAGEMENT PRACTICES

There have been no material changes to asset management practices during the last year that would affect the disclosure of Schedule 13 Report on Asset Management Maturity.

6. DISCLOSURE SCHEDULES 11A, 11B, 12A, 12B, 12C, 12D AND 14A

The disclosed schedules were completed in March 2022 and approved by the Buller Electricity board of directors on March 17th 2022.

Company Name	Buller Electricity Ltd
AMP Planning Period	1 April 2022 – 31 March 2032

SCHEDULE 11a: REPORT ON FORECAST CAPITAL EXPENDITURE

This schedule requires a breakdown of forecast expenditure on assets for the current disclosure year and a 10 year planning period. The forecasts should be consistent with the supporting information set out in the AMP. 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). EDBs 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.

sch ref		Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5	CY+6	CY+7	CY+8	CY+9	CY+10	
	for year ended	31 Mar 22	31 Mar 23	31 Mar 24	31 Mar 25	31 Mar 26	31 Mar 27	31 Mar 28	31 Mar 29	31 Mar 30	31 Mar 31	31 Mar 32	
9	11a(i): Expenditure on Assets Forecast	\$000 (in nominal dollars)											
10	Consumer connection	87	172	115	89	75	71	72	74	76	78	79	
11	System growth	-	-	-	-	-	-	-	-	-	-	-	
12	Asset replacement and renewal	1,077	1,137	1,888	1,384	1,471	1,277	1,362	1,353	1,369	1,348	1,255	
13	Asset relocations	-	-	-	-	-	-	-	-	-	-	-	
14	Reliability, safety and environment:												
15	Quality of supply	142	281	22	23	23	24	25	25	26	26	27	
16	Legislative and regulatory	81	86	-	49	50	51	53	54	55	-	-	
17	Other reliability, safety and environment	292	250	239	105	108	110	113	116	118	121	124	
18	Total reliability, safety and environment	514	616	261	177	182	186	190	195	199	147	151	
19	Expenditure on network assets	1,678	1,924	2,264	1,650	1,727	1,533	1,624	1,621	1,644	1,573	1,485	
20	Expenditure on non-network assets	1,544	1,056	1,150	613	504	427	437	447	458	469	480	
21	Expenditure on assets	3,223	2,980	3,414	2,263	2,231	1,960	2,061	2,069	2,102	2,042	1,965	
22													
23	plus Cost of financing	-	-	-	-	-	-	-	-	-	-	-	
24	less Value of capital contributions	108	172	115	89	75	71	72	74	76	78	79	
25	plus Value of vested assets	68	67	38	39	40	41	42	43	44	45	46	
26													
27	Capital expenditure forecast	3,182	2,875	3,337	2,213	2,197	1,930	2,030	2,038	2,070	2,009	1,931	
28													
29	Assets commissioned	3,290	3,379	3,157	2,024	2,068	2,040	2,143	2,153	2,188	2,131	2,058	
30													
31		Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5	CY+6	CY+7	CY+8	CY+9	CY+10	
32		for year ended	31 Mar 22	31 Mar 23	31 Mar 24	31 Mar 25	31 Mar 26	31 Mar 27	31 Mar 28	31 Mar 29	31 Mar 30	31 Mar 31	31 Mar 32
33		\$000 (in constant prices)											
34	Consumer connection	87	172	112	84	69	64	64	64	64	64	64	
35	System growth	-	-	-	-	-	-	-	-	-	-	-	
36	Asset replacement and renewal	1,077	1,137	1,838	1,313	1,362	1,158	1,207	1,170	1,156	1,113	1,012	
37	Asset relocations	-	-	-	-	-	-	-	-	-	-	-	
38	Reliability, safety and environment:												
39	Quality of supply	142	281	22	22	22	22	22	22	22	22	22	
40	Legislative and regulatory	81	86	-	47	47	47	47	47	47	47	-	
41	Other reliability, safety and environment	292	250	233	100	100	100	100	100	100	100	100	
42	Total reliability, safety and environment	514	616	255	168	168	168	168	168	168	122	122	
43	Expenditure on network assets	1,678	1,924	2,205	1,565	1,599	1,390	1,439	1,402	1,389	1,298	1,197	
44	Expenditure on non-network assets	1,545	1,056	1,120	582	467	387	387	387	387	387	387	
45	Expenditure on assets	3,223	2,981	3,325	2,147	2,066	1,777	1,826	1,789	1,776	1,685	1,584	
46													
47	Subcomponents of expenditure on assets (where known)												
48	Energy efficiency and demand side management, reduction of energy losses												
49	Overhead to underground conversion												
49	Research and development												

Company Name	Buller Electricity Ltd
AMP Planning Period	1 April 2022 – 31 March 2032

SCHEDULE 11a: REPORT ON FORECAST CAPITAL EXPENDITURE

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EDBs must provide explanatory comment on the difference between constant price and nominal dollar forecasts of expenditure on assets in Schedule 14a (Mandatory Explanatory Notes).
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sch ref

	for year ended	Current Year CY 31 Mar 22	CY+1 31 Mar 23	CY+2 31 Mar 24	CY+3 31 Mar 25	CY+4 31 Mar 26	CY+5 31 Mar 27	CY+6 31 Mar 28	CY+7 31 Mar 29	CY+8 31 Mar 30	CY+9 31 Mar 31	CY+10 31 Mar 32
Difference between nominal and constant price forecasts		\$000										
Consumer connection		-	-	3	5	6	7	8	10	12	14	15
System growth		-	-	-	-	-	-	-	-	-	-	-
Asset replacement and renewal		-	-	49	71	109	119	155	183	212	235	243
Asset relocations		-	-	-	-	-	-	-	-	-	-	-
Reliability, safety and environment:												
Quality of supply		0	-	1	1	2	2	3	3	4	5	5
Legislative and regulatory		-	-	-	3	4	5	6	7	9	-	-
Other reliability, safety and environment		-	(0)	6	5	8	10	13	16	18	21	24
Total reliability, safety and environment		0	(0)	7	9	13	17	22	26	31	26	29
Expenditure on network assets		0	(0)	59	85	128	143	185	219	255	275	288
Expenditure on non-network assets		(1)	(0)	30	32	37	40	50	60	71	82	93
Expenditure on assets		(1)	(0)	89	116	165	183	235	279	326	357	381

	for year ended	Current Year CY 31 Mar 22	CY+1 31 Mar 23	CY+2 31 Mar 24	CY+3 31 Mar 25	CY+4 31 Mar 26	CY+5 31 Mar 27
11a(ii): Consumer Connection		\$000 (in constant prices)					
<i>Consumer types defined by EDB*</i>							
LG1 Residential Standrd User		77	34	39	39	39	39
LG1 Residential Low User							
LG2 Small Commercial		10	10	25	10	30	25
LG3 Medium Commercial AMD > 15KW				48	35		
LG4 Large Commercial AMD > 69KW			128				
<i>*include additional rows if needed</i>							
Consumer connection expenditure		87	172	112	84	69	64
less Capital contributions funding consumer connection		87	172	112	69	64	64
Consumer connection less capital contributions		-	-	-	15	5	-

	for year ended	Current Year CY 31 Mar 22	CY+1 31 Mar 23	CY+2 31 Mar 24	CY+3 31 Mar 25	CY+4 31 Mar 26	CY+5 31 Mar 27
11a(iii): System Growth							
Subtransmission							
Zone substations							
Distribution and LV lines							
Distribution and LV cables							
Distribution substations and transformers							
Distribution switchgear							
Other network assets							
System growth expenditure		-	-	-	-	-	-
less Capital contributions funding system growth		-	-	-	-	-	-
System growth less capital contributions		-	-	-	-	-	-

Company Name	Buller Electricity Ltd
AMP Planning Period	1 April 2022 – 31 March 2032

SCHEDULE 11a: REPORT ON FORECAST CAPITAL EXPENDITURE

This schedule requires a breakdown of forecast expenditure on assets for the current disclosure year and a 10 year planning period. The forecasts should be consistent with the supporting information set out in the AMP. 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). EDBs 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.

sch ref

	Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5
for year ended	31 Mar 22	31 Mar 23	31 Mar 24	31 Mar 25	31 Mar 26	31 Mar 27
11a(iv): Asset Replacement and Renewal	\$000 (in constant prices)					
Subtransmission	132	246	234	266	218	182
Zone substations	11	11	19	48	233	19
Distribution and LV lines	723	765	881	905	817	863
Distribution and LV cables	-	-	-	-	-	-
Distribution substations and transformers	105	62	51	51	51	51
Distribution switchgear	48	52	43	43	43	43
Other network assets	57	-	610	-	-	-
Asset replacement and renewal expenditure	1,077	1,137	1,838	1,313	1,362	1,158
less Capital contributions funding asset replacement and renewal	21	-	-	-	-	-
Asset replacement and renewal less capital contributions	1,055	1,137	1,838	1,313	1,362	1,158

	Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5
for year ended	31 Mar 22	31 Mar 23	31 Mar 24	31 Mar 25	31 Mar 26	31 Mar 27
11a(v): Asset Relocations	\$000 (in constant prices)					
Project or programme*						
(Description of material project or programme)						
(Description of material project or programme)						
(Description of material project or programme)						
(Description of material project or programme)						
(Description of material project or programme)						
*include additional rows if needed						
All other project or programmes - asset relocations	-	-	-	-	-	-
Asset relocations expenditure	-	-	-	-	-	-
less Capital contributions funding asset relocations	-	-	-	-	-	-
Asset relocations less capital contributions	-	-	-	-	-	-

	Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5
for year ended	31 Mar 22	31 Mar 23	31 Mar 24	31 Mar 25	31 Mar 26	31 Mar 27
11a(vi): Quality of Supply	\$000 (in constant prices)					
Project or programme*						
Upgrade Recloser Controllers	22	24	22	22	22	22
Purchase and connectio of Transpower Buller River Crossing	98	120	-	-	-	-
Critical and Emergency Spares	-	100	-	-	-	-
(Description of material project or programme)						
(Description of material project or programme)						
*include additional rows if needed						
All other projects or programmes - quality of supply	22	37	-	-	-	-
Quality of supply expenditure	142	281	22	22	22	22
less Capital contributions funding quality of supply	-	-	-	-	-	-
Quality of supply less capital contributions	142	281	22	22	22	22

SCHEDULE 11a: REPORT ON FORECAST CAPITAL EXPENDITURE	
<small>This schedule requires a breakdown of forecast expenditure on assets for the current disclosure year and a 10 year planning period. The forecasts should be consistent with the supporting information set out in the AMP. 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) EDBs 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.</small>	
<small>sch ref</small>	
<small>Company Name</small> Buller Electricity Ltd	
<small>AMP Planning Period</small> 1 April 2022 – 31 March 2032	

Company Name **Buller Electricity Ltd**
 AMP Planning Period **1 April 2022 – 31 March 2032**

SCHEDULE 11b: REPORT ON FORECAST OPERATIONAL EXPENDITURE

This schedule requires a breakdown of forecast operational expenditure for the disclosure year and a 10 year planning period. The forecasts should be consistent with the supporting information set out in the AMP. The forecast is to be expressed in both constant price and nominal dollar terms. EDBs must provide explanatory comment on the difference between constant price and nominal dollar operational expenditure forecasts in Schedule 14a (Mandatory Explanatory Notes). This information is not part of audited disclosure information.

sch ref

	Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5	CY+6	CY+7	CY+8	CY+9	CY+10
for year ended	31 Mar 22	31 Mar 23	31 Mar 24	31 Mar 25	31 Mar 26	31 Mar 27	31 Mar 28	31 Mar 29	31 Mar 30	31 Mar 31	31 Mar 32
Operational Expenditure Forecast											
	\$000 (in nominal dollars)										
Service interruptions and emergencies	231	267	274	281	288	294	301	308	315	323	331
Vegetation management	331	375	257	264	270	276	282	289	296	303	310
Routine and corrective maintenance and inspection	274	365	317	324	255	263	290	306	295	291	298
Asset replacement and renewal	89	89	110	68	65	66	68	69	71	73	74
Network Opex	925	1,095	957	937	878	899	940	973	977	990	1,013
System operations and network support	110	253	228	235	240	245	251	257	263	270	276
Business support	1,709	2,727	2,789	2,864	2,944	2,997	3,067	3,141	3,227	3,292	3,370
Non-network opex	1,819	2,979	3,018	3,098	3,185	3,242	3,318	3,398	3,491	3,561	3,646
Operational expenditure	2,744	4,075	3,975	4,036	4,062	4,141	4,258	4,371	4,468	4,551	4,658
\$000 (in constant prices)											
Service interruptions and emergencies	231	267	267	267	267	267	267	267	267	267	267
Vegetation management	331	375	250	250	250	250	250	250	250	250	250
Routine and corrective maintenance and inspection	274	365	308	308	236	239	257	265	249	240	240
Asset replacement and renewal	89	89	108	65	60	60	60	60	60	60	60
Network Opex	925	1,095	933	889	813	815	833	841	826	817	816
System operations and network support	110	253	223	223	223	223	223	223	223	223	223
Business support	1,709	2,727	2,717	2,717	2,727	2,717	2,717	2,717	2,727	2,717	2,717
Non-network opex	1,819	2,979	2,939	2,939	2,949	2,939	2,939	2,939	2,949	2,939	2,939
Operational expenditure	2,744	4,075	3,872	3,829	3,762	3,754	3,772	3,781	3,775	3,756	3,756
Subcomponents of operational expenditure (where known)											
Energy efficiency and demand side management, reduction of energy losses											
Direct billing*											
Research and Development											
Insurance	200	184	184	184	184	184	184	184	184	184	184
* Direct billing expenditure by suppliers that direct bill the majority of their consumers											
Difference between nominal and real forecasts											
	\$000										
Service interruptions and emergencies	-	-	7	14	21	27	34	42	49	56	64
Vegetation management	-	-	7	14	20	26	32	39	46	53	60
Routine and corrective maintenance and inspection	-	-	8	17	19	25	33	41	46	51	58
Asset replacement and renewal	-	-	3	4	5	6	8	9	11	13	14
Network Opex	-	-	25	48	65	84	107	131	152	173	196
System operations and network support	-	-	6	12	18	23	29	35	41	47	53
Business support	-	-	72	147	218	280	350	424	501	575	653
Non-network opex	-	-	78	159	235	303	378	459	541	622	706
Operational expenditure	-	-	103	207	300	387	486	590	693	795	903

Company Name **Buller Electricity Ltd**

AMP Planning Period **1 April 2022 – 31 March 2032**

SCHEDULE 12a: REPORT ON ASSET CONDITION

This schedule requires a breakdown of asset condition by asset class as at the start of the forecast year. The data accuracy assessment relates to the percentage values disclosed in the asset condition columns. Also required is a forecast of the percentage of units to be replaced in the next 5 years. All information should be consistent with the information provided in the AMP and the expenditure on assets forecast in Schedule 11a. All units relating to cable and line assets, that are expressed in km, refer to circuit lengths.

sch ref

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Asset condition at start of planning period (percentage of units by grade)

% of asset
forecast to be
replaced in
next 5 years

Voltage	Asset category	Asset class	Units	H1	H2	H3	H4	H5	Grade unknown	Data accuracy (1-4)	% of asset forecast to be replaced in next 5 years
All	Overhead Line	Concrete poles / steel structure	No.	0.32%	1.69%	16.72%	77.09%	3.80%	0.38%	3	1.87%
All	Overhead Line	Wood poles	No.	0.32%	1.88%	21.37%	72.87%	3.17%	0.39%	3	4.36%
All	Overhead Line	Other pole types	No.	0.98%		5.37%	83.41%	10.24%		2	16.87%
HV	Subtransmission Line	Subtransmission OH up to 66kV conductor	km		0.19%	17.06%	79.91%	2.76%	0.08%	3	
HV	Subtransmission Line	Subtransmission OH 110kV+ conductor	km	-	-	-	100.00%	-		4	-
HV	Subtransmission Cable	Subtransmission UG up to 66kV (XLPE)	km				63.54%	36.46%		4	
HV	Subtransmission Cable	Subtransmission UG up to 66kV (Oil pressurised)	km						[Select one]		
HV	Subtransmission Cable	Subtransmission UG up to 66kV (Gas pressurised)	km						[Select one]		
HV	Subtransmission Cable	Subtransmission UG up to 66kV (PILC)	km						[Select one]		
HV	Subtransmission Cable	Subtransmission UG 110kV+ (XLPE)	km						[Select one]		
HV	Subtransmission Cable	Subtransmission UG 110kV+ (Oil pressurised)	km						[Select one]		
HV	Subtransmission Cable	Subtransmission UG 110kV+ (Gas Pressurised)	km						[Select one]		
HV	Subtransmission Cable	Subtransmission UG 110kV+ (PILC)	km						[Select one]		
HV	Subtransmission Cable	Subtransmission submarine cable	km						[Select one]		
HV	Zone substation Buildings	Zone substations up to 66kV	No.				66.67%	33.33%		4	-
HV	Zone substation Buildings	Zone substations 110kV+	No.				100.00%			4	-
HV	Zone substation switchgear	22/33kV CB (Indoor)	No.						[Select one]		
HV	Zone substation switchgear	22/33kV CB (Outdoor)	No.						[Select one]		
HV	Zone substation switchgear	33kV Switch (Ground Mounted)	No.						[Select one]		
HV	Zone substation switchgear	33kV Switch (Pole Mounted)	No.				100.00%			4	-
HV	Zone substation switchgear	33kV RMU	No.						[Select one]		
HV	Zone substation switchgear	50/66/110kV CB (Indoor)	No.						[Select one]		
HV	Zone substation switchgear	50/66/110kV CB (Outdoor)	No.				100.00%			4	-
HV	Zone substation switchgear	3.3/6.6/11/22kV CB (ground mounted)	No.						[Select one]		
HV	Zone substation switchgear	3.3/6.6/11/22kV CB (pole mounted)	No.				100.00%			4	-

Company Name **Buller Electricity Ltd**
 AMP Planning Period **1 April 2022 – 31 March 2032**

SCHEDULE 12a: REPORT ON ASSET CONDITION

This schedule requires a breakdown of asset condition by asset class as at the start of the forecast year. The data accuracy assessment relates to the percentage values disclosed in the asset condition columns. Also required is a forecast of the percentage of units to be replaced in the next 5 years. All information should be consistent with the information provided in the AMP and the expenditure on assets forecast in Schedule 11a. All units relating to cable and line assets, that are expressed in km, refer to circuit lengths.

sch ref

Asset condition at start of planning period (percentage of units by grade)												
Voltage	Asset category	Asset class	Units	H1	H2	H3	H4	H5	Grade unknown	Data accuracy (1-4)	% of asset forecast to be replaced in next 5 years	
36	HV	Zone Substation Transformer	Zone Substation Transformers	No.	-	12.50%	37.50%	25.00%	25.00%	-	4	12.50%
37	HV	Distribution Line	Distribution OH Open Wire Conductor	km	-	2.76%	32.71%	53.70%	10.35%	0.48%	3	3.20%
	HV	Distribution Line	Distribution OH Aerial Cable Conductor	km							[Select one]	
	HV	Distribution Line	SWER conductor	km							[Select one]	
	HV	Distribution Cable	Distribution UG XLPE or PVC	km			2.16%	84.48%	13.03%	0.33%	[Select one]	
	HV	Distribution Cable	Distribution UG PILC	km							[Select one]	
	HV	Distribution Cable	Distribution Submarine Cable	km							[Select one]	
	HV	Distribution switchgear	3.3/6.6/11/22kV CB (pole mounted) - reclosers and sectionalisers	No.		3.44%		96.56%			4	3.44%
	HV	Distribution switchgear	3.3/6.6/11/22kV CB (Indoor)	No.							[Select one]	
	HV	Distribution switchgear	3.3/6.6/11/22kV Switches and fuses (pole mounted)	No.	0.22%	1.22%	10.72%	71.04%	15.47%	1.33%	3	10.13%
	HV	Distribution switchgear	3.3/6.6/11/22kV Switch (ground mounted) - except RMU	No.							[Select one]	
	HV	Distribution switchgear	3.3/6.6/11/22kV RMU	No.				100.00%			4	-
	HV	Distribution Transformer	Pole Mounted Transformer	No.	0.73%	1.61%	15.77%	72.11%	9.34%	0.44%	3	11.49%
	HV	Distribution Transformer	Ground Mounted Transformer	No.	-	4.88%	6.10%	67.07%	20.73%	1.22%	3	6.10%
	HV	Distribution Transformer	Voltage regulators	No.	28.57%	-	-	42.86%	28.57%	-	4	-
	HV	Distribution Substations	Ground Mounted Substation Housing	No.	-	-	-	17.65%	35.29%	47.06%	2	5.88%
	LV	LV Line	LV OH Conductor	km	0.16%	1.05%	20.19%	72.78%	5.66%	0.16%	2	2.70%
	LV	LV Cable	LV UG Cable	km		0.01%	65.51%	10.17%	24.29%	0.02%	2	-
	LV	LV Streetlighting	LV OH/UG Streetlight circuit	km			4.50%	95.50%			2	-
	LV	Connections	OH/UG consumer service connections	No.	0.41%	2.16%	15.66%	68.36%	12.86%	0.57%	2	3.33%
	All	Protection	Protection relays (electromechanical, solid state and numeric)	No.	2.86%	7.14%	35.71%	42.86%	11.43%	-	4	14.28%
	All	SCADA and communications	SCADA and communications equipment operating as a single system	Lot	1.28%	-	16.67%	34.62%	47.43%	-	4	8.98%
	All	Capacitor Banks	Capacitors including controls	No.				50.00%	50.00%	-	4	-
	All	Load Control	Centralised plant	Lot				100.00%			4	-
	All	Load Control	Relays	No.							[Select one]	
	All	Civils	Cable Tunnels	km							[Select one]	

Company Name **Buller Electricity Ltd**
 AMP Planning Period **1 April 2022 – 31 March 2032**

SCHEDULE 12b: REPORT ON FORECAST CAPACITY

This schedule requires a breakdown of current and forecast capacity and utilisation for each zone substation and current distribution transformer capacity. The data provided should be consistent with the information provided in the AMP. Information provided in this table should relate to the operation of the network in its normal steady state configuration.

sch ref

7	12b(i): System Growth - Zone Substations										
8		Current Peak Load (MVA)	Installed Firm Capacity (MVA)	Security of Supply Classification (type)	Transfer Capacity (MVA)	Utilisation of Installed Firm Capacity %	Installed Firm Capacity +5 years (MVA)	Utilisation of Installed Firm Capacity + 5yrs %	Installed Firm Capacity Constraint +5 years (cause)	Explanation	
9	<i>Existing Zone Substations</i>										
10	Robertson Street	11	20	N-1		55%	20	55%	No constraint within +5 years		
11	Ngakawau	1	2	N-1	1	50%	2	80%	No constraint within +5 years		
12	Kongahu	1	2	N-1 Switched		77%	2	80%	No constraint within +5 years	N-1 switched is with backup standby generators constrained to 1.25MVA	
13	[Zone Substation_04]					-			[Select one]		
14	[Zone Substation_05]					-			[Select one]		
15	[Zone Substation_06]					-			[Select one]		
16	[Zone Substation_07]					-			[Select one]		
17	[Zone Substation_08]					-			[Select one]		
18	[Zone Substation_09]					-			[Select one]		
19	[Zone Substation_10]					-			[Select one]		
20	[Zone Substation_11]					-			[Select one]		
21	[Zone Substation_12]					-			[Select one]		
22	[Zone Substation_13]					-			[Select one]		
23	[Zone Substation_14]					-			[Select one]		
24	[Zone Substation_15]					-			[Select one]		
25	[Zone Substation_16]					-			[Select one]		
26	[Zone Substation_17]					-			[Select one]		
27	[Zone Substation_18]					-			[Select one]		
28	[Zone Substation_19]					-			[Select one]		
29	[Zone Substation_20]					-			[Select one]		

¹ Extend forecast capacity table as necessary to disclose all capacity by each zone substation

Company Name **Buller Electricity Ltd**
 AMP Planning Period **1 April 2022 – 31 March 2032**

SCHEDULE 12C: REPORT ON FORECAST NETWORK DEMAND

This schedule requires a forecast of new connections (by consumer type), peak demand and energy volumes for the disclosure year and a 5 year planning period. The forecasts should be consistent with the supporting information set out in the AMP as well as the assumptions used in developing the expenditure forecasts in Schedule 11a and Schedule 11b and the capacity and utilisation forecasts in Schedule 12b.

sch ref

12c(i): Consumer Connections		Number of connections					
		Current Year CY for year ended 31 Mar 22	CY+1 31 Mar 23	CY+2 31 Mar 24	CY+3 31 Mar 25	CY+4 31 Mar 26	CY+5 31 Mar 27
Number of ICPs connected in year by consumer type							
Consumer types defined by EDB*							
	LG1 Residential Standrd User	34	20	20	20	20	20
	LG1L Residential Low User	5					
	LG2 Small Commercial	3	3	3	3	3	3
	LG3 Medium Commercial		1	1	1	1	1
	[EDB consumer type]						
	Connections total	42	24	24	24	24	24
*include additional rows if needed							
Distributed generation							
	Number of connections	4	8	10	12	14	16
	Capacity of distributed generation installed in year (MVA)	0	0	0	0	0	0
12c(ii) System Demand							
Maximum coincident system demand (MW)							
	GXP demand	9	8	8	8	8	8
plus	Distributed generation output at HV and above	2	3	3	3	3	3
	Maximum coincident system demand	11	11	11	11	11	11
less	Net transfers to (from) other EDBs at HV and above	-					
	Demand on system for supply to consumers' connection points	11	11	11	11	11	11
Electricity volumes carried (GWh)							
	Electricity supplied from GXPs	35	36	36	36	36	36
less	Electricity exports to GXPs	-	-	-	-	-	-
plus	Electricity supplied from distributed generation	19	18	18	18	18	18
less	Net electricity supplied to (from) other EDBs	-					
	Electricity entering system for supply to ICPs	53	54	54	54	54	54
less	Total energy delivered to ICPs	50	50	50	50	50	50
	Losses	3	4	4	4	4	4
	Load factor	58%	56%	56%	56%	56%	56%
	Loss ratio	6.3%	7.0%	7.0%	7.0%	7.0%	7.0%

Company Name	Buller Electricity Ltd
AMP Planning Period	1 April 2022 – 31 March 2032
Network / Sub-network Name	

SCHEDULE 12d: REPORT FORECAST INTERRUPTIONS AND DURATION

This schedule requires a forecast of SAIFI and SAIDI for disclosure and a 5 year planning period. The forecasts should be consistent with the supporting information set out in the AMP as well as the assumed impact of planned and unplanned SAIFI and SAIDI on the expenditures forecast provided in Schedule 11a and Schedule 11b.

<i>sch ref</i>		<i>Current Year CY</i>	<i>CY+1</i>	<i>CY+2</i>	<i>CY+3</i>	<i>CY+4</i>	<i>CY+5</i>
		31 Mar 22	31 Mar 23	31 Mar 24	31 Mar 25	31 Mar 26	31 Mar 27
8							
9							
10	SAIDI						
11	Class B (planned interruptions on the network)	301.2	190.8	180.0	180.0	180.0	180.0
12	Class C (unplanned interruptions on the network)	191.9	160.0	160.0	160.0	160.0	160.0
13	SAIFI						
14	Class B (planned interruptions on the network)	0.70	0.51	0.70	0.70	0.70	0.70
15	Class C (unplanned interruptions on the network)	2.38	2.11	1.50	1.50	1.50	1.50

Company Name	Buller Electricity Ltd
AMP Planning Period	1 April 2022 – 31 March 2032
Asset Management Standard Applied	

SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY

This schedule requires information on the EDB's self-assessment of the maturity of its asset management practices.

Question No.	Function	Question	Score	Evidence—Summary	User Guidance	Why	Who	Record/document information
3	Asset management policy	To what extent has an asset management policy been documented, authorised and communicated?	4	The AMP, yearly budget and network work plan are documented and presented and communicated to the company directors through to the Survey, design and planning planning staff.		Widely used AM practice standards require an organisation to document, authorise and communicate its asset management policy (eg, as required in PAS 55 para 4.2.1). 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.
10	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?	4	The asset strategy is reasonably well aligned to stakeholder requirements of continuous supply and prompt restoration. The company strategy is also included as part of the AMP		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 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 (eg, as required by PAS 55 para 4.3.1 b) and has taken account of stakeholder requirements as required by PAS 55 para 4.3.1 c). 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.
11	Asset management strategy	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	Asset age, condition, defect monitoring and associated risk assessments are used to forecast and set forward budgets and work plans. The asset databases and GIS system and associated data capture and process methods are in the process of being replaced to ensure BEL is capturing the appropriate data and accuracy to ensure asset lifecycle and risk are captured		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. (For example, this requirement is recognised in 4.3.1 d) of PAS 55). 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, 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.
26	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	Strategies for critical assets such as Substation equipment, ABS's and CB's and transformers have individual documentation regarding maintenance and lifecycle costs. Overhead and underground lines and ancillary equipment is embodied in the overhead and underground Design Standards. BEL is progressing with a network		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).

Company Name	Buller Electricity Ltd
AMP Planning Period	1 April 2022 – 31 March 2023
Asset Management Standard Applied	

SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)

Question No.	Function	Question	Maturity Level 0	Maturity Level 1	Maturity Level 2	Maturity Level 3	Maturity Level 4
3	Asset management policy	To what extent has an asset management policy been documented, authorised and communicated?	The organisation does not have a documented asset management policy.	The organisation has an asset management policy, but it has not been authorised by top management, or it is not influencing the management of the assets.	The organisation has an asset management policy, which has been authorised by top management, but it has had limited circulation. It may be in use to influence development of strategy and planning but its effect is limited.	The asset management policy is authorised by top management, is widely and effectively communicated to all relevant employees and stakeholders and used to make these persons aware of their asset related obligations.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
10	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?	The organisation has not considered the need to ensure that its asset management strategy is appropriately aligned with the organisation's other organisational policies and strategies or with stakeholder requirements. OR The organisation does not have an asset management strategy.	The need to align the asset management strategy with other organisational policies and strategies as well as stakeholder requirements is understood and work has started to identify the linkages or to incorporate them in the drafting of asset management strategy.	Some of the linkages between the long-term asset management strategy and other organisational policies, strategies and stakeholder requirements are defined but the work is fairly well advanced but still incomplete.	All linkages are in place and evidence is available to demonstrate that, where appropriate, the organisation's asset management strategy is consistent with its other organisational policies and strategies. The organisation has also identified and considered the requirements of relevant stakeholders.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
11	Asset management strategy	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?	The organisation has not considered the need to ensure that its asset management strategy is produced with due regard to the lifecycle of the assets, asset types or asset systems that it manages. OR The organisation does not have an asset management strategy.	The need is understood, and the organisation is drafting its asset management strategy to address the lifecycle of its assets, asset types and asset systems.	The long-term asset management strategy takes account of the lifecycle of some, but not all, of its assets, asset types and asset systems.	The asset management strategy takes account of the lifecycle of all of its assets, asset types and asset systems.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
26	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?	The organisation does not have an identifiable asset management plan(s) covering asset systems and critical assets.	The organisation has asset management plan(s) but they are not aligned with the asset management strategy and objectives and do not take into consideration the full asset life cycle (including asset creation, acquisition, enhancement, utilisation, maintenance decommissioning and disposal).	The organisation is in the process of putting in place comprehensive, documented asset management plan(s) that cover all life cycle activities, clearly aligned to asset management objectives and the asset management strategy.	Asset management plan(s) are established, documented, implemented and maintained for asset systems and critical assets to achieve the asset management strategy and asset management objectives across all life cycle phases.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.

<p style="text-align: right;">Company Name Buller Electricity Ltd</p> <p style="text-align: right;">AMP Planning Period 1 April 2022 – 31 March 2022</p> <p style="text-align: right;">Asset Management Standard Applied</p>								
<p>SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY</p> <p>This schedule requires information on the EDB's self-assessment of the maturity of its asset management practices .</p>								
<p style="text-align: right;">Company Name Buller Electricity Ltd</p> <p style="text-align: right;">AMP Planning Period 1 April 2022 – 31 March 2022</p> <p style="text-align: right;">Asset Management Standard Applied</p>								
<p>SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)</p>								
Question No.	Function	Question	Score	Evidence—Summary	User Guidance	Why	Who	Record/document information
27	Asset management plan(s)	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 AMP and budgets are informally communicated to project des		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.
29	Asset management plan(s)	How are designated responsibilities for delivery of asset plan actions documented?	3	The AMP as well as individual employment contracts are docum		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.
31	Asset management plan(s)	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)	4	AMP and budgets are forecast utilising labour and resourcing requ		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.
33	Contingency planning	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	A Business continuity plan is in place, and the key principles of res		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.

SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)	<i>Company Name</i>	Buller Electricity Ltd
	<i>AMP Planning Period</i>	1 April 2022 – 31 March 2032
	<i>Asset Management Standard Applied</i>	

SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)	<i>Company Name</i>	Buller Electricity Ltd
	<i>AMP Planning Period</i>	1 April 2022 – 31 March 2032
	<i>Asset Management Standard Applied</i>	

Question No.	Function	Question	Maturity Level 0	Maturity Level 1	Maturity Level 2	Maturity Level 3	Maturity Level 4
27	Asset management plan(s)	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?	The organisation does not have plan(s) or their distribution is limited to the authors.	The plan(s) are communicated to some of those responsible for delivery of the plan(s). OR Communicated to those responsible for delivery is either irregular or ad-hoc.	The plan(s) are communicated to most of those responsible for delivery but there are weaknesses in identifying relevant parties resulting in incomplete or inappropriate communication. The organisation recognises improvement is needed as is working towards resolution.	The plan(s) are communicated to all relevant employees, stakeholders and contracted service providers to a level of detail appropriate to their participation or business interests in the delivery of the plan(s) and there is confirmation that they are being used effectively.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
29	Asset management plan(s)	How are designated responsibilities for delivery of asset plan actions documented?	The organisation has not documented responsibilities for delivery of asset plan actions.	Asset management plan(s) inconsistently document responsibilities for delivery of plan actions and activities and/or responsibilities and authorities for implementation inadequate and/or delegation level inadequate to ensure effective delivery and/or contain misalignments with organisational accountability.	Asset management plan(s) consistently document responsibilities for the delivery of actions but responsibility/authority levels are inappropriate/ inadequate, and/or there are misalignments within the organisation.	Asset management plan(s) consistently document responsibilities for the delivery actions and there is adequate detail to enable delivery of actions. Designated responsibility and authority for achievement of asset plan actions is appropriate.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
31	Asset management plan(s)	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)	The organisation has not considered the arrangements needed for the effective implementation of plan(s).	The organisation recognises the need to ensure appropriate arrangements are in place for implementation of asset management plan(s) and is in the process of determining an appropriate approach for achieving this.	The organisation has arrangements in place for the implementation of asset management plan(s) but the arrangements are not yet adequately efficient and/or effective. The organisation is working to resolve existing weaknesses.	The organisation's arrangements fully cover all the requirements for the efficient and cost effective implementation of asset management plan(s) and realistically address the resources and timescales required, and any changes needed to functional policies, standards, processes and the asset management information system.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
33	Contingency planning	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?	The organisation has not considered the need to establish plan(s) and procedure(s) to identify and respond to incidents and emergency situations.	The organisation has some ad-hoc arrangements to deal with incidents and emergency situations, but these have been developed on a reactive basis in response to specific events that have occurred in the past.	Most credible incidents and emergency situations are identified. Either appropriate plan(s) and procedure(s) are incomplete for critical activities or they are inadequate. Training/ external alignment may be incomplete.	Appropriate emergency plan(s) and procedure(s) are in place to respond to credible incidents and manage continuity of critical asset management activities consistent with policies and asset management objectives. Training and external agency alignment is in place.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.

<p style="text-align: right;">Company Name Buller Electricity Ltd</p> <p style="text-align: right;">AMP Planning Period 1 April 2022 – 31 March 2032</p> <p style="text-align: right;">Asset Management Standard Applied</p>								
<p>SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY</p> <p>This schedule requires information on the EDB's self-assessment of the maturity of its asset management practices .</p>								
<p style="text-align: right;">Company Name Buller Electricity Ltd</p> <p style="text-align: right;">AMP Planning Period 1 April 2022 – 31 March 2032</p> <p style="text-align: right;">Asset Management Standard Applied</p>								
<p>SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)</p>								
Question No.	Function	Question	Score	Evidence—Summary	User Guidance	Why	Who	Record/document information
37	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)?	4	Individual persons through their employment contracts are appointed		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. (This question, relates to the organisation's assets eg, para b), s 4.4.1 of PAS 55, making it therefore distinct from the requirement contained in para a), s 4.4.1 of PAS 55).	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.
40	Structure, authority and responsibilities	What evidence can the organisation's top management provide to demonstrate that sufficient resources are available for asset management?	4	Annual AMP and budget setting processes reflect staffing requirements		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.
42	Structure, authority and responsibilities	To what degree does the organisation's top management communicate the importance of meeting its asset management requirements?	3	Progress, productivity and safety issues are communicated to staff		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 (eg, PAS 55 s 4.4.1 g).	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 walkabouts would assist an organisation to demonstrate it is meeting this requirement of PAS 55.
45	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	BEL does not presently outsource asset management activities. BEL		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 (eg, PAS 55) 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.

SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)	<i>Company Name</i>	Buller Electricity Ltd
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SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)	<i>Company Name</i>	Buller Electricity Ltd
	<i>AMP Planning Period</i>	1 April 2022 – 31 March 2032
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Question No.	Function	Question	Maturity Level 0	Maturity Level 1	Maturity Level 2	Maturity Level 3	Maturity Level 4
37	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)?	Top management has not considered the need to appoint a person or persons to ensure that the organisation's assets deliver the requirements of the asset management strategy, objectives and plan(s).	Top management understands the need to appoint a person or persons to ensure that the organisation's assets deliver the requirements of the asset management strategy, objectives and plan(s).	Top management has appointed an appropriate person to ensure the assets deliver the requirements of the asset management strategy, objectives and plan(s) but their areas of responsibility are not fully defined and/or they have insufficient delegated authority to fully execute their responsibilities.	The appointed person or persons have full responsibility for ensuring that the organisation's assets deliver the requirements of the asset management strategy, objectives and plan(s). They have been given the necessary authority to achieve this.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
40	Structure, authority and responsibilities	What evidence can the organisation's top management provide to demonstrate that sufficient resources are available for asset management?	The organisation's top management has not considered the resources required to deliver asset management.	The organisation's top management understands the need for sufficient resources but there are no effective mechanisms in place to ensure this is the case.	A process exists for determining what resources are required for its asset management activities and in most cases these are available but in some instances resources remain insufficient.	An effective process exists for determining the resources needed for asset management and sufficient resources are available. It can be demonstrated that resources are matched to asset management requirements.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
42	Structure, authority and responsibilities	To what degree does the organisation's top management communicate the importance of meeting its asset management requirements?	The organisation's top management has not considered the need to communicate the importance of meeting asset management requirements.	The organisation's top management understands the need to communicate the importance of meeting its asset management requirements but does not do so.	Top management communicates the importance of meeting its asset management requirements but only to parts of the organisation.	Top management communicates the importance of meeting its asset management requirements to all relevant parts of the organisation.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
45	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?	The organisation has not considered the need to put controls in place.	The organisation controls its outsourced activities on an ad-hoc basis, with little regard for ensuring the compliant delivery of the organisational strategic plan and/or its asset management policy and strategy.	Controls systematically considered but currently only provide for the compliant delivery of some, but not all, aspects of the organisational strategic plan and/or its asset management policy and strategy. Gaps exist.	Evidence exists to demonstrate that outsourced activities are appropriately controlled to provide for the compliant delivery of the organisational strategic plan, asset management policy and strategy, and that these controls are integrated into the asset management system.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.

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SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY This schedule requires information on the EDB's self-assessment of the maturity of its asset management practices.	

	Company Name Buller Electricity Ltd AMP Planning Period 1 April 2022 – 31 March 2032 Asset Management Standard Applied
SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)	

Question No.	Function	Question	Score	Evidence—Summary	User Guidance	Why	Who	Record/documented information
48	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)?	4	A well structured HR plan that considers both the volume and nature of the work to be undertaken.		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 5, 10 and 15 year time scales then the human resources development plan(s) should align with these. 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.
49	Training, awareness and competence	How does the organisation identify competency requirements and then plan, provide and record the training necessary to achieve the competencies?	4	A common competency AHC model is used that includes unit standards.		Widely used AM standards require that organisations 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. (eg, PAS 55 refers to frameworks suitable for identifying competency requirements).	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.

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SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY							
This schedule requires information on the EDB's self-assessment of the maturity of its asset management practices .							
50	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?	4	BEL has a health and safety and training officer who monitors refer	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.

SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)	Company Name	Buller Electricity Ltd
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SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)	Company Name	Buller Electricity Ltd
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Question No.	Function	Question	Maturity Level 0	Maturity Level 1	Maturity Level 2	Maturity Level 3	Maturity Level 4
48	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)?	The organisation has not recognised the need for assessing human resources requirements to develop and implement its asset management system.	The organisation has recognised the need to assess its human resources requirements and to develop a plan(s). There is limited recognition of the need to align these with the development and implementation of its asset management system.	The organisation has developed a strategic approach to aligning competencies and human resources to the asset management system including the asset management plan but the work is incomplete or has not been consistently implemented.	The organisation can demonstrate that plan(s) are in place and effective in matching competencies and capabilities to the asset management system including the plan for both internal and contracted activities. Plans are reviewed integral to asset management system process(es).	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
49	Training, awareness and competence	How does the organisation identify competency requirements and then plan, provide and record the training necessary to achieve the competencies?	The organisation does not have any means in place to identify competency requirements.	The organisation has recognised the need to identify competency requirements and then plan, provide and record the training necessary to achieve the competencies.	The organisation is the process of identifying competency requirements aligned to the asset management plan(s) and then plan, provide and record appropriate training. It is incomplete or inconsistently applied.	Competency requirements are in place and aligned with asset management plan(s). Plans are in place and effective in providing the training necessary to achieve the competencies. A structured means of recording the competencies achieved is in place.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.

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SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)

50	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?	The organization has not recognised the need to assess the competence of person(s) undertaking asset management related activities.	Competency of staff undertaking asset management related activities is not managed or assessed in a structured way, other than formal requirements for legal compliance and safety management.	The organization is in the process of putting in place a means for assessing the competence of person(s) involved in asset management activities including contractors. There are gaps and inconsistencies.	Competency requirements are identified and assessed for all persons carrying out asset management related activities - internal and contracted. Requirements are reviewed and staff reassessed at appropriate intervals aligned to asset management requirements.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
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<p style="text-align: right;">Company Name Buller Electricity Ltd</p> <p style="text-align: right;">AMP Planning Period 1 April 2022 – 31 March 2032</p> <p style="text-align: right;">Asset Management Standard Applied</p>								
<p>SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY</p> <p>This schedule requires information on the EDB's self-assessment of the maturity of its asset management practices.</p>								
<p style="text-align: right;">Company Name Buller Electricity Ltd</p> <p style="text-align: right;">AMP Planning Period 1 April 2022 – 31 March 2032</p> <p style="text-align: right;">Asset Management Standard Applied</p>								
<p>SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)</p>								
Question No.	Function	Question	Score	Evidence—Summary	User Guidance	Why	Who	Record/document information
53	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	A dedicated team is used for asset asset management related activities		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.
59	Asset Management System documentation	What documentation has the organisation established to describe the main elements of its asset management system and interactions between them?	4	The AMP contains a high-level description of the Asset management system		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. (eg, s 4.5 of PAS 55 requires the maintenance of up to date documentation of the asset management system requirements specified throughout s 4 of PAS 55).	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.
62	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?	4	BEL is has reviewed the requirements in relation to asset data collection		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.
63	Information management	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	There is a single point of coordination and assessment of criticality		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 (eg, s 4.4.6 (a), (c) and (d) of PAS 55).	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.

SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)	Company Name	Buller Electricity Ltd
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SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)	Company Name	Buller Electricity Ltd
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Question No.	Function	Question	Maturity Level 0	Maturity Level 1	Maturity Level 2	Maturity Level 3	Maturity Level 4
53	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?	The organisation has not recognised the need to formally communicate any asset management information.	There is evidence that the pertinent asset management information to be shared along with those to share it with is being determined.	The organisation has determined pertinent information and relevant parties. Some effective two way communication is in place but as yet not all relevant parties are clear on their roles and responsibilities with respect to asset management information.	Two way communication is in place between all relevant parties, ensuring that information is effectively communicated to match the requirements of asset management strategy, plan(s) and process(es). Pertinent asset information requirements are regularly reviewed.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
59	Asset Management System documentation	What documentation has the organisation established to describe the main elements of its asset management system and interactions between them?	The organisation has not established documentation that describes the main elements of the asset management system.	The organisation is aware of the need to put documentation in place and is in the process of determining how to document the main elements of its asset management system.	The organisation in the process of documenting its asset management system and has documentation in place that describes some, but not all, of the main elements of its asset management system and their interaction.	The organisation has established documentation that comprehensively describes all the main elements of its asset management system and the interactions between them. The documentation is kept up to date.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
62	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?	The organisation has not considered what asset management information is required.	The organisation is aware of the need to determine in a structured manner what its asset information system should contain in order to support its asset management system and is in the process of deciding how to do this.	The organisation has developed a structured process to determine what its asset information system should contain in order to support its asset management system and has commenced implementation of the process.	The organisation has determined what its asset information system should contain in order to support its asset management system. The requirements relate to the whole life cycle and cover information originating from both internal and external sources.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
63	Information management	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?	There are no formal controls in place or controls are extremely limited in scope and/or effectiveness.	The organisation is aware of the need for effective controls and is in the process of developing an appropriate control process(es).	The organisation has developed a controls that will ensure the data held is of the requisite quality and accuracy and is consistent and is in the process of implementing them.	The organisation has effective controls in place that ensure the data held is of the requisite quality and accuracy and is consistent. The controls are regularly reviewed and improved where necessary.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.

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SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY
 This schedule requires information on the EDB's self-assessment of the maturity of its asset management practices .

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SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)

Question No.	Function	Question	Score	Evidence—Summary	User Guidance	Why	Who	Record/documented information
64	Information management	How has the organisation's ensured its asset management information system is relevant to its needs?	4	BEL is has reviewed the requirements in relation to asset data coll		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.
69	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	The AMP considers key classes of asset risk including safety, in-sen		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 the four phases of the asset lifecycle (eg, para 4.3.3 of PAS 55).	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.
79	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	Known safety risks from specific assets are included in operating p		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.
82	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	Buller uses consultants to regularly review various aspects of its AN		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 (eg, PAS 55 specifies this in § 4.4.8). 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 organisation's legal team or advisors. The management team with overall responsibility for the asset management system. 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

SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)	<i>Company Name</i>	Buller Electricity Ltd
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SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)	<i>Company Name</i>	Buller Electricity Ltd
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Question No.	Function	Question	Maturity Level 0	Maturity Level 1	Maturity Level 2	Maturity Level 3	Maturity Level 4
64	Information management	How has the organisation's ensured its asset management information system is relevant to its needs?	The organisation has not considered the need to determine the relevance of its management information system. At present there are major gaps between what the information system provides and the organisations needs.	The organisation understands the need to ensure its asset management information system is relevant to its needs and is determining an appropriate means by which it will achieve this. At present there are significant gaps between what the information system provides and the organisations needs.	The organisation has developed and is implementing a process to ensure its asset management information system is relevant to its needs. Gaps between what the information system provides and the organisations needs have been identified and action is being taken to close them.	The organisation's asset management information system aligns with its asset management requirements. Users can confirm that it is relevant to their needs.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
69	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?	The organisation has not considered the need to document process(es) and/or procedure(s) for the identification and assessment of asset and asset management related risks throughout the asset life cycle.	The organisation is aware of the need to document the management of asset related risk across the asset lifecycle. The organisation has plan(s) to formally document all relevant process(es) and procedure(s) or has already commenced this activity.	The organisation is in the process of documenting the identification and assessment of asset related risk across the asset lifecycle but it is incomplete or there are inconsistencies between approaches and a lack of integration.	Identification and assessment of asset related risk across the asset lifecycle is fully documented. The organisation can demonstrate that appropriate documented mechanisms are integrated across life cycle phases and are being consistently applied.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
79	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?	The organisation has not considered the need to conduct risk assessments.	The organisation is aware of the need to consider the results of risk assessments and effects of risk control measures to provide input into reviews of resources, training and competency needs. Current input is typically ad-hoc and reactive.	The organisation is in the process ensuring that outputs of risk assessments are included in developing requirements for resources and training. The implementation is incomplete and there are gaps and inconsistencies.	Outputs from risk assessments are consistently and systematically used as inputs to develop resources, training and competency requirements. Examples and evidence is available.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
82	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?	The organisation has not considered the need to identify its legal, regulatory, statutory and other asset management requirements.	The organisation identifies some its legal, regulatory, statutory and other asset management requirements, but this is done in an ad-hoc manner in the absence of a procedure.	The organisation has procedure(s) to identify its legal, regulatory, statutory and other asset management requirements, but the information is not kept up to date, inadequate or inconsistently managed.	Evidence exists to demonstrate that the organisation's legal, regulatory, statutory and other asset management requirements are identified and kept up to date. Systematic mechanisms for identifying relevant legal and statutory requirements.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.

<p style="text-align: right;">Company Name Buller Electricity Ltd</p> <p style="text-align: right;">AMP Planning Period 1 April 2022 – 31 March 2032</p> <p style="text-align: right;">Asset Management Standard Applied</p>								
<p>SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY</p> <p>This schedule requires information on the EDB's self-assessment of the maturity of its asset management practices .</p>								
<p style="text-align: right;">Company Name Buller Electricity Ltd</p> <p style="text-align: right;">AMP Planning Period 1 April 2022 – 31 March 2032</p> <p style="text-align: right;">Asset Management Standard Applied</p>								
<p>SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)</p>								
Question No.	Function	Question	Score	Evidence—Summary	User Guidance	Why	Who	Record/document information
88	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?	4	Buller has a range of standards from concept planning of capacity		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 (eg. PAS 55 s 4.5.1) 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.
91	Life Cycle Activities	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	Each step of the asset creation activity (eg. planning, design, const		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 (eg, as required by PAS 55 s 4.5.1).	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.
95	Performance and condition monitoring	How does the organisation measure the performance and condition of its assets?	3	Buller influences asset performance by ensuring that planning, del		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).
99	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 conformance is clear, unambiguous, understood and communicated?	4	BEL has an incident reporting and investigation process as part of		Widely used AM standards require that the organisation establishes implements and maintains process(es) for the handling and investigation of failure 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 conformance. Documentation of assigned responsibilities and authority to employees. Job Descriptions, Audit reports. Common communication systems i.e. all Job Descriptions on internet etc.

SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)	<i>Company Name</i>	Buller Electricity Ltd
	<i>AMP Planning Period</i>	1 April 2022 – 31 March 2032
	<i>Asset Management Standard Applied</i>	

SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)	<i>Company Name</i>	Buller Electricity Ltd
	<i>AMP Planning Period</i>	1 April 2022 – 31 March 2032
	<i>Asset Management Standard Applied</i>	

Question No.	Function	Question	Maturity Level 0	Maturity Level 1	Maturity Level 2	Maturity Level 3	Maturity Level 4
88	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?	The organisation does not have process(es) in place to manage and control the implementation of asset management plan(s) during activities related to asset creation including design, modification, procurement, construction and commissioning.	The organisation is aware of the need to have process(es) and procedure(s) in place to manage and control the implementation of asset management plan(s) during activities related to asset creation including design, modification, procurement, construction and commissioning but currently do not have these in place (note: procedure(s) may exist but they are inconsistent/incomplete).	The organisation is in the process of putting in place process(es) and procedure(s) to manage and control the implementation of asset management plan(s) during activities related to asset creation including design, modification, procurement, construction and commissioning. Gaps and inconsistencies are being addressed.	Effective process(es) and procedure(s) are in place to manage and control the implementation of asset management plan(s) during activities related to asset creation including design, modification, procurement, construction and commissioning.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
91	Life Cycle Activities	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?	The organisation does not have process(es)/procedure(s) in place to control or manage the implementation of asset management plan(s) during this life cycle phase.	The organisation is aware of the need to have process(es) and procedure(s) in place to manage and control the implementation of asset management plan(s) during this life cycle phase but currently do not have these in place and/or there is no mechanism for confirming they are effective and where needed modifying them.	The organisation is in the process of putting in place process(es) and procedure(s) to manage and control the implementation of asset management plan(s) during this life cycle phase. They include a process for confirming the process(es)/procedure(s) are effective and if necessary carrying out modifications.	The organisation has in place process(es) and procedure(s) to manage and control the implementation of asset management plan(s) during this life cycle phase. They include a process, which is itself regularly reviewed to ensure it is effective, for confirming the process(es)/procedure(s) are effective and if necessary carrying out modifications.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
95	Performance and condition monitoring	How does the organisation measure the performance and condition of its assets?	The organisation has not considered how to monitor the performance and condition of its assets.	The organisation recognises the need for monitoring asset performance but has not developed a coherent approach. Measures are incomplete, predominantly reactive and lagging. There is no linkage to asset management objectives.	The organisation is developing coherent asset performance monitoring linked to asset management objectives. Reactive and proactive measures are in place. Use is being made of leading indicators and analysis. Gaps and inconsistencies remain.	Consistent asset performance monitoring linked to asset management objectives is in place and universally used including reactive and proactive measures. Data quality management and review process are appropriate. Evidence of leading indicators and analysis.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
99	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?	The organisation has not considered the need to define the appropriate responsibilities and the authorities.	The organisation understands the requirements and is in the process of determining how to define them.	The organisation are in the process of defining the responsibilities and authorities with evidence. Alternatively there are some gaps or inconsistencies in the identified responsibilities/authorities.	The organisation have defined the appropriate responsibilities and authorities and evidence is available to show that these are applied across the business and kept up to date.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.

<p style="text-align: right;">Company Name Buller Electricity Ltd</p> <p style="text-align: right;">AMP Planning Period 1 April 2022 – 31 March 2032</p> <p style="text-align: right;">Asset Management Standard Applied</p>								
<p>SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY</p> <p>This schedule requires information on the EDB's self-assessment of the maturity of its asset management practices .</p>								
<p style="text-align: right;">Company Name Buller Electricity Ltd</p> <p style="text-align: right;">AMP Planning Period 1 April 2022 – 31 March 2032</p> <p style="text-align: right;">Asset Management Standard Applied</p>								
<p>SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)</p>								
Question No.	Function	Question	Score	Evidence—Summary	User Guidance	Why	Who	Record/document information
105	Audit	What has the organisation done to establish procedure(s) for the audit of its asset management system (process(es))?	3	The AMP is reviewed internally and at intervals by consultants, the		This question seeks to explore what the organisation has done to comply with the standard practice AM audit requirements (eg, the associated requirements of PAS 55 s 4.6.4 and its linkages to s 4.7).	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.
109	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	After investigation of incidents involving asset performance and w		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
113	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	Buller stays informed of emerging practices and technologies by re		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 than 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	Buller Electricity Ltd
				AMP Planning Period	1 April 2022 – 31 March 2022
				Asset Management Standard Applied	
SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY					
This schedule requires information on the EDB's self-assessment of the maturity of its asset management practices .					
115	Continual Improvement	How does the organisation seek and acquire knowledge about new asset management related technology and practices, and evaluate their potential benefit to the organisation?	3	Buller stays informed of emerging practices and technologies by re	<p>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 (eg, by the PAS 55 : 4.6 standards) 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.</p> <p>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.</p> <p>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.</p>

SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)	<i>Company Name</i>	Buller Electricity Ltd
	<i>AMP Planning Period</i>	1 April 2022 – 31 March 2032
	<i>Asset Management Standard Applied</i>	

SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)	<i>Company Name</i>	Buller Electricity Ltd
	<i>AMP Planning Period</i>	1 April 2022 – 31 March 2032
	<i>Asset Management Standard Applied</i>	

Question No.	Function	Question	Maturity Level 0	Maturity Level 1	Maturity Level 2	Maturity Level 3	Maturity Level 4
105	Audit	What has the organisation done to establish procedure(s) for the audit of its asset management system (process(es))?	The organisation has not recognised the need to establish procedure(s) for the audit of its asset management system.	The organisation understands the need for audit procedure(s) and is determining the appropriate scope, frequency and methodology(s).	The organisation is establishing its audit procedure(s) but they do not yet cover all the appropriate asset-related activities.	The organisation can demonstrate that its audit procedure(s) cover all the appropriate asset-related activities and the associated reporting of audit results. Audits are to an appropriate level of detail and consistently managed.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
109	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?	The organisation does not recognise the need to have systematic approaches to instigating corrective or preventive actions.	The organisation recognises the need to have systematic approaches to instigating corrective or preventive actions. There is ad-hoc implementation for corrective actions to address failures of assets but not the asset management system.	The need is recognized for systematic instigation of preventive and corrective actions to address root causes of non compliance or incidents identified by investigations, compliance evaluation or audit. It is only partially or inconsistently in place.	Mechanisms are consistently in place and effective for the systematic instigation of preventive and corrective actions to address root causes of non compliance or incidents identified by investigations, compliance evaluation or audit.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
113	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?	The organisation does not consider continual improvement of these factors to be a requirement, or has not considered the issue.	A Continual Improvement ethos is recognised as beneficial, however it has just been started, and or covers partially the asset drivers.	Continuous improvement process(es) are set out and include consideration of cost risk, performance and condition for assets managed across the whole life cycle but it is not yet being systematically applied.	There is evidence to show that continuous improvement process(es) which include consideration of cost risk, performance and condition for assets managed across the whole life cycle are being systematically applied.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.

Company Name	Buller Electricity Ltd
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SCHEDULE 13: REPORT ON ASSET MANAGEMENT MATURITY (cont)

115	Continual Improvement	How does the organisation seek and acquire knowledge about new asset management related technology and practices, and evaluate their potential benefit to the organisation?	The organisation makes no attempt to seek knowledge about new asset management related technology or practices.	The organisation is inward looking, however it recognises that asset management is not sector specific and other sectors have developed good practice and new ideas that could apply. Ad-hoc approach.	The organisation has initiated asset management communication within sector to share and, or identify 'new' to sector asset management practices and seeks to evaluate them.	The organisation actively engages internally and externally with other asset management practitioners, professional bodies and relevant conferences. Actively investigates and evaluates new practices and evolves its asset management activities using appropriate developments.	The organisation's process(es) surpass the standard required to comply with requirements set out in a recognised standard. The assessor is advised to note in the Evidence section why this is the case and the evidence seen.
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Company Name Buller Electricity Ltd
 For Year Ended 31 March 2022

Schedule 14a Mandatory Explanatory Notes on Forecast Information

(In this Schedule, clause references are to the Electricity Distribution Information Disclosure Determination 2012 – as amended and consolidated 3 April 2018.)

1. This Schedule requires EDBs to provide explanatory notes to reports prepared in accordance with clause 2.6.6.
2. This Schedule is mandatory—EDBs must provide the explanatory comment specified below, in accordance with clause 2.7.2. This information is not part of the audited disclosure information, and so is not subject to the assurance requirements specified in section 2.8.

Commentary on difference between nominal and constant price capital expenditure forecasts (Schedule 11a)

3. In the box below, comment on the difference between nominal and constant price capital expenditure for the current disclosure year and 10 year planning period, as disclosed in Schedule 11a.

Box 1: Commentary on difference between nominal and constant price capital expenditure forecasts

BEL utilised the Westpac economic forecast summaries to apply an uplift index to the constant prices for all categories to produce the nominal prices.

Indexation Summary	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
	0.00	2.66	5.41	7.98	10.30	12.87	15.62	18.36	21.16	24.03

Commentary on difference between nominal and constant price operational expenditure forecasts (Schedule 11b)

4. In the box below, comment on the difference between nominal and constant price operational expenditure for the current disclosure year and 10 year planning period, as disclosed in Schedule 11b.

Box 2: Commentary on difference between nominal and constant price operational expenditure forecasts

The Westpac economic forecast inflation CPI was used as the inflation factor to uplift nominal prices.

Indexation Summary	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
	0.00	2.66	5.41	7.98	10.30	12.87	15.62	18.36	21.16	24.03



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IN ACCORDANCE WITH THE COMMERCE ACT

Electricity Distribution Information Disclosure Determination 2012

Certification for year beginning Disclosure 2022

We, **Francis Thomas Dooley** and **Murray Warden Frost**, being directors of Buller Electricity Limited certify that, having made all reasonable enquiry, to the best of our knowledge-

- a) the following attached information of Buller Electricity Limited prepared for the purposes of clauses 2.6.1, 2.6.3, 2.6.6 and 2.7.2 of the Electricity Distribution Information Disclosure Determination 2012 in all material respects complies with that determination.
- b) the prospective financial or nonfinancial information included in the attached information has been measured on a basis consistent with regulatory requirements or recognised industry standards.
- c) The forecasts in Schedules 11a, 11b, 12a, 12b, 12c and 12d are based on objective and reasonable assumptions which both align with Buller Electricity Limited's corporate vision and strategy and are documented in retained records.

A handwritten signature in black ink, appearing to read "F. Dooley", with a long horizontal stroke extending to the right.

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Director

A handwritten signature in blue ink, appearing to read "M. Frost", with a long horizontal stroke extending to the right.

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Director

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Dated: 17 March 2022
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