

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 17	31 Mar 18	31 Mar 19	31 Mar 20	31 Mar 21	31 Mar 22	31 Mar 23	31 Mar 24	31 Mar 25	31 Mar 26	31 Mar 27
7												
8												
9	11a(i): Expenditure on Assets Forecast	\$000 (in nominal dollars)										
10	Consumer connection	7,813	7,330	7,052	7,015	7,689	8,558	9,579	10,322	10,837	11,053	8,760
11	System growth	524	2,652	5,098	6,261	4,221	4,527	4,842	5,284	1,757	4,183	1,219
12	Asset replacement and renewal	22,725	21,512	20,084	20,084	21,906	21,118	22,592	26,426	30,289	27,994	34,038
13	Asset relocations	3,270	1,734	1,873	1,113	1,201	1,316	1,452	1,544	1,597	1,629	1,137
14	Reliability, safety and environment:											
15	Quality of supply	739	1,705	1,535	1,390	1,109	1,137	1,701	1,056	1,128	1,158	1,341
16	Legislative and regulatory	-	-	-	-	-	-	-	-	-	-	-
17	Other reliability, safety and environment	524	1,459	1,082	1,008	1,072	1,435	518	-	-	-	-
18	Total reliability, safety and environment	1,263	3,164	2,617	2,398	2,181	2,573	2,219	1,056	1,128	1,158	1,341
19	Expenditure on network assets	35,595	36,392	36,723	36,872	37,199	38,091	40,684	44,631	45,608	46,017	46,495
20	Expenditure on non-network assets	1,149	1,991	1,506	1,526	1,535	1,558	1,590	1,621	1,654	1,687	1,721
21	Expenditure on assets	36,744	38,383	38,229	38,398	38,734	39,649	42,273	46,252	47,262	47,704	48,216
22												
23	plus Cost of financing	173	181	180	181	183	187	199	218	223	225	227
24	less Value of capital contributions	7,195	6,550	6,022	6,175	6,313	6,440	6,569	6,700	6,834	6,971	7,075
25	plus Value of vested assets											
26												
27	Capital expenditure forecast	29,722	32,014	32,387	32,404	32,603	33,396	35,904	39,771	40,651	40,958	41,368
28												
29	Assets commissioned	25,667	36,069	32,387	32,404	32,603	33,396	35,904	39,771	40,651	40,958	41,368
30												
31												
32												
33												
34												
35												
36												
37	Reliability, safety and environment:											
38	Quality of supply	739	1,672	1,475	1,310	1,025	1,030	1,510	919	963	969	1,100
39	Legislative and regulatory	-	-	-	-	-	-	-	-	-	-	-
40	Other reliability, safety and environment	524	1,430	1,040	950	990	1,300	460	-	-	-	-
41	Total reliability, safety and environment	1,263	3,102	2,515	2,260	2,015	2,330	1,970	919	963	969	1,100
42	Expenditure on network assets	35,595	35,678	35,297	34,745	34,366	34,500	36,126	38,854	38,926	38,505	38,142
43	Expenditure on non-network assets	1,149	1,952	1,448	1,438	1,418	1,412	1,412	1,412	1,412	1,412	1,412
44	Expenditure on assets	36,744	37,630	36,745	36,183	35,784	35,912	37,538	40,266	40,338	39,917	39,554
45												
46	Subcomponents of expenditure on assets (where known)											
47	Energy efficiency and demand side management, reduction of energy losses											
48	Overhead to underground conversion											
49	Research and development											

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	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 17	31 Mar 18	31 Mar 19	31 Mar 20	31 Mar 21	31 Mar 22	31 Mar 23	31 Mar 24	31 Mar 25	31 Mar 26	31 Mar 27
Difference between nominal and constant price forecasts	\$000										
Consumer connection	-	144	274	405	586	807	1,073	1,336	1,588	1,804	1,574
System growth	-	52	198	361	321	427	542	684	257	683	219
Asset replacement and renewal	-	422	780	1,158	1,668	1,991	2,531	3,421	4,438	4,570	6,115
Asset relocations	-	34	73	64	91	124	163	200	234	266	204
Reliability, safety and environment:											
Quality of supply	-	33	60	80	84	107	191	137	165	189	241
Legislative and regulatory	-	-	-	-	-	-	-	-	-	-	-
Other reliability, safety and environment	-	29	42	58	82	135	58	-	-	-	-
Total reliability, safety and environment	-	62	102	138	166	243	249	137	165	189	241
Expenditure on network assets	-	714	1,426	2,127	2,833	3,591	4,558	5,777	6,682	7,512	8,353
Expenditure on non-network assets	-	39	58	88	117	147	178	210	242	275	309
Expenditure on assets	-	753	1,484	2,215	2,950	3,738	4,736	5,987	6,924	7,787	8,662

	Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5
	for year ended 31 Mar 17	31 Mar 18	31 Mar 19	31 Mar 20	31 Mar 21	31 Mar 22
11a(ii): Consumer Connection	\$000 (in constant prices)					
<i>Consumer types defined by EDB*</i>						
Substation	3,264	4,306	4,060	3,959	4,258	4,650
Subdivision	1,992	1,266	1,193	1,163	1,250	1,366
High Voltage Connection	-	138	130	126	136	148
Residential Customers	2,495	1,401	1,320	1,287	1,384	1,512
Public Lighting	62	75	75	75	75	75
<i>*include additional rows if needed</i>						
Consumer connection expenditure	7,813	7,186	6,778	6,610	7,103	7,751
less Capital contributions funding consumer connection	6,003	5,465	5,025	5,152	5,268	5,373
Consumer connection less capital contributions	1,810	1,721	1,753	1,458	1,835	2,378

11a(iii): System Growth						
Subtransmission	396	1,000	3,700	4,300	-	-
Zone substations	78	300	200	400	2,900	3,000
Distribution and LV lines	-	-	-	-	-	-
Distribution and LV cables	-	600	800	1,200	1,000	1,100
Distribution substations and transformers	50	-	-	-	-	-
Distribution switchgear	-	-	-	-	-	-
Other network assets	-	700	200	-	-	-
System growth expenditure	524	2,600	4,900	5,900	3,900	4,100
less Capital contributions funding system growth	0					
System growth less capital contributions	524	2,600	4,900	5,900	3,900	4,100

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	for year ended	31 Mar 17	31 Mar 18	31 Mar 19	31 Mar 20	31 Mar 21	31 Mar 22
91							
92							
93	11a(iv): Asset Replacement and Renewal	\$000 (in constant prices)					
94	Subtransmission	14	300	250	250	350	350
95	Zone substations	987	2,130	2,960	2,900	3,200	1,250
96	Distribution and LV lines	8,245	7,385	6,000	6,600	6,400	6,400
97	Distribution and LV cables	4,388	1,115	600	600	1,190	2,644
98	Distribution substations and transformers	4,965	2,285	2,100	2,100	2,300	3,000
99	Distribution switchgear	3,112	4,277	3,453	3,031	3,732	2,568
100	Other network assets	1,013	3,598	3,941	3,445	3,066	2,915
101	Asset replacement and renewal expenditure	22,725	21,090	19,304	18,926	20,238	19,127
102	less Capital contributions funding asset replacement and renewal	317	289	265	272	278	284
103	Asset replacement and renewal less capital contributions	22,408	20,801	19,039	18,654	19,960	18,843
104							
105							
106							
107	11a(v): Asset Relocations	\$000 (in constant prices)					
108	<i>Project or programme*</i>						
109	Asset Relocations	3,270	1,700	1,800	1,049	1,110	1,192
110	[Description of material project or programme]						
111	[Description of material project or programme]						
112	[Description of material project or programme]						
113	[Description of material project or programme]						
114	<i>*include additional rows if needed</i>						
115	All other project or programmes - asset relocations						
116	Asset relocations expenditure	3,270	1,700	1,800	1,049	1,110	1,192
117	less Capital contributions funding asset relocations	875	797	732	751	768	783
118	Asset relocations less capital contributions	2,395	903	1,068	298	342	409
119							
120							
121							
122	11a(vi): Quality of Supply	\$000 (in constant prices)					
123	<i>Project or programme*</i>						
124	Reliability Improvement Projects	739	1,672	1,475	1,310	1,025	1,030
125	[Description of material project or programme]						
126	[Description of material project or programme]						
127	[Description of material project or programme]						
128	[Description of material project or programme]						
129	<i>*include additional rows if needed</i>						
130	All other projects or programmes - quality of supply						
131	Quality of supply expenditure	739	1,672	1,475	1,310	1,025	1,030
132	less Capital contributions funding quality of supply						
133	Quality of supply less capital contributions	739	1,672	1,475	1,310	1,025	1,030
134							

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	for year ended	31 Mar 17	31 Mar 18	31 Mar 19	31 Mar 20	31 Mar 21	31 Mar 22
135							
136							
137	11a(vii): Legislative and Regulatory						
138	Project or programme*	\$000 (in constant prices)					
139	[Description of material project or programme]						
140	[Description of material project or programme]						
141	[Description of material project or programme]						
142	[Description of material project or programme]						
143	[Description of material project or programme]						
144	*include additional rows if needed						
145	All other projects or programmes - legislative and regulatory						
146	Legislative and regulatory expenditure	-	-	-	-	-	-
147	less Capital contributions funding legislative and regulatory						
148	Legislative and regulatory less capital contributions	-	-	-	-	-	-
149							
150		Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5
	for year ended	31 Mar 17	31 Mar 18	31 Mar 19	31 Mar 20	31 Mar 21	31 Mar 22
151	11a(viii): Other Reliability, Safety and Environment						
152	Project or programme*	\$000 (in constant prices)					
153	Seismic Strengthening	524	1,430	1,040	950	990	1,300
154	[Description of material project or programme]						
155	[Description of material project or programme]						
156	[Description of material project or programme]						
157	[Description of material project or programme]						
158	*include additional rows if needed						
159	All other projects or programmes - other reliability, safety and environment						
160	Other reliability, safety and environment expenditure	524	1,430	1,040	950	990	1,300
161	less Capital contributions funding other reliability, safety and environment						
162	Other reliability, safety and environment less capital contributions	524	1,430	1,040	950	990	1,300
163							
164		Current Year CY	CY+1	CY+2	CY+3	CY+4	CY+5
165	for year ended	31 Mar 17	31 Mar 18	31 Mar 19	31 Mar 20	31 Mar 21	31 Mar 22
166	11a(ix): Non-Network Assets						
167	Routine expenditure						
168	Project or programme*	\$000 (in constant prices)					
169	Software	742	1,408	1,044	1,037	1,022	1,018
170	IT Infrastructure	287	545	404	401	396	394
171	[Description of material project or programme]						
172	[Description of material project or programme]						
173	[Description of material project or programme]						
174	*include additional rows if needed						
175	All other projects or programmes - routine expenditure						
176	Routine expenditure	1,028	1,952	1,448	1,438	1,418	1,412
177	Atypical expenditure						
178	Project or programme*	\$000 (in constant prices)					
179	Office Equipment	121					
180	[Description of material project or programme]						

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sch ref	Description of material project or programme						
181	[Description of material project or programme]						
182	[Description of material project or programme]						
183	[Description of material project or programme]						
184	<i>*include additional rows if needed</i>						
185	All other projects or programmes - atypical expenditure						
186	Atypical expenditure	121	-	-	-	-	-
187							
188	Expenditure on non-network assets	1,149	1,952	1,448	1,438	1,418	1,412

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.

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	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 17	31 Mar 18	31 Mar 19	31 Mar 20	31 Mar 21	31 Mar 22	31 Mar 23	31 Mar 24	31 Mar 25	31 Mar 26	31 Mar 27
Operational Expenditure Forecast												
\$000 (in nominal dollars)												
7		3,521	3,972	4,055	4,136	4,219	4,303	4,389	4,477	4,567	4,658	4,725
8	Service interruptions and emergencies											
10	Vegetation management	1,351	1,480	1,511	1,541	1,572	1,603	1,636	1,668	1,702	1,736	1,762
11	Routine and corrective maintenance and inspection	8,449	8,901	9,081	9,259	9,440	9,624	9,812	10,004	10,200	10,399	10,547
12	Asset replacement and renewal	824	840	857	874	892	910	928	946	965	985	1,004
13	Network Opex	14,145	15,193	15,504	15,810	16,123	16,440	16,765	17,095	17,434	17,778	18,038
14	System operations and network support	4,665	4,830	4,918	5,008	5,100	5,193	5,289	5,385	5,484	5,585	5,661
15	Business support	11,519	11,458	11,728	12,001	12,211	12,423	12,639	12,859	13,082	13,309	13,482
16	Non-network opex	16,184	16,288	16,646	17,009	17,311	17,616	17,928	18,244	18,566	18,894	19,143
17	Operational expenditure	30,329	31,481	32,150	32,819	33,434	34,056	34,693	35,339	36,000	36,672	37,181
18												
\$000 (in constant prices)												
19		3,521	3,894	3,898	3,897	3,898	3,897	3,897	3,897	3,898	3,898	3,876
20	Service interruptions and emergencies											
21	Vegetation management	1,351	1,451	1,452	1,452	1,452	1,452	1,453	1,452	1,453	1,453	1,445
22	Routine and corrective maintenance and inspection	8,449	8,726	8,728	8,725	8,721	8,717	8,713	8,709	8,706	8,701	8,652
23	Asset replacement and renewal	824	824	824	824	824	824	824	824	824	824	824
24	Network Opex	14,145	14,895	14,902	14,898	14,895	14,890	14,887	14,882	14,880	14,876	14,797
25	System operations and network support	4,665	4,735	4,727	4,719	4,712	4,703	4,696	4,688	4,681	4,673	4,644
26	Business support	11,519	11,233	11,273	11,309	11,281	11,252	11,223	11,195	11,165	11,136	11,060
27	Non-network opex	16,184	15,969	16,000	16,028	15,993	15,955	15,920	15,882	15,846	15,810	15,704
28	Operational expenditure	30,329	30,864	30,902	30,926	30,888	30,846	30,806	30,765	30,726	30,685	30,501
29												
30												
31	Subcomponents of operational expenditure (where known)											
32	Energy efficiency and demand side management, reduction of energy losses											
33	Direct billing*											
34	Research and Development											
35	Insurance	984	1,008	1,008	1,008	1,008	1,008	1,008	1,008	1,008	1,008	1,003
36												
37	* Direct billing expenditure by suppliers that direct bill the majority of their consumers											
38												

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	for year ended	31 Mar 17	31 Mar 18	31 Mar 19	31 Mar 20	31 Mar 21	31 Mar 22	31 Mar 23	31 Mar 24	31 Mar 25	31 Mar 26	31 Mar 27
41	Difference between nominal and real forecasts	\$000										
42	Service interruptions and emergencies	-	78	157	239	321	406	492	580	669	760	849
43	Vegetation management	-	29	59	89	120	151	183	216	249	283	317
44	Routine and corrective maintenance and inspection	-	175	353	534	719	907	1,099	1,295	1,494	1,698	1,895
45	Asset replacement and renewal	-	16	33	50	68	86	104	122	141	161	180
46	Network Opex	-	298	602	912	1,228	1,550	1,878	2,213	2,554	2,902	3,241
47	System operations and network support	-	95	191	289	388	490	593	697	803	912	1,017
48	Business support	-	225	455	692	930	1,171	1,416	1,664	1,917	2,173	2,422
49	Non-network opex	-	319	646	981	1,318	1,661	2,008	2,362	2,720	3,084	3,439
50	Operational expenditure	-	617	1,248	1,893	2,546	3,210	3,887	4,574	5,274	5,987	6,680