

The Main Procurement Plan in fiscal 2024

*Plan details (specifications, quantity, due construction period, etc.) may be changed or plans may be discontinued. At the time of the opening, the procurement procedures including contract formation may have been completed.

[Transformation materials and equipment]

NO	Article designation	Specification	Q'ty	Unit
1	On-load tap-changing transformer, 154/77kV	200 MVA JEM dB oil lead wind cooling Rad separate placement Primary: elephant Secondary: elephant indoor	1	Unit
2	On-load tap-changing transformer, 77/33kV	30MVA oil autocooling Rad main unit Primary: air bushing Secondary: copper belt outdoor	1	Unit
3	On-load tap-changing transformer, 77/22kV	30MVA oil autocooling Rad main unit Primary: T-type oil terminal Secondary: copper belt outdoor	1	Unit
4	On-load tap-changing transformer, 77/22kV	60 MVA 50 dB oil lead wind cooling Rad main unit Primary: T-type oil terminal Secondary: copper belt outdoor	1	Unit
5	On-load tap-changing transformer, 77/6.9kV	10MVA oil autocooling Rad main unit Primary: air bushing Secondary: copper belt outdoor	1	Unit
6	On-load tap-changing transformer, 77/6.9kV	20MVA oil autocooling Rad main unit Primary: air bushing Secondary: copper belt indoor	2	Unit
7	On-load tap-changing transformer, 77/6.6kV	18.26 MVA 50 dB oil autocooling Rad separate placement Primary: air bushing Secondary: copper belt outdoor	2	Unit
8	On-load tap-changing transformer, 77/6.6kV	18.26 MVA 50 dB oil autocooling Rad separate placement Primary: air bushing Secondary: copper belt indoor	4	Unit
9	On-load tap-changing transformer, 77/6.6kV	20 MVA 50 dB oil autocooling Rad separate placement Primary: air bushing Secondary: copper belt indoor	1	Unit
10	On-load tap-changing transformer, 77/6.6kV	20 MVA oil autocooling Rad separate placement Primary: T-type oil terminal Secondary: copper belt indoor	1	Unit
11	On-load tap-changing transformer, 77/6.6kV	20 MVA oil autocooling Rad separate placement Primary: air bushing Secondary: copper belt outdoor	1	Unit
12	On-load tap-changing transformer, 77/6.6kV	20 MVA oil autocooling Rad separate placement Primary: air bushing Secondary: copper belt indoor	2	Unit
13	On-load tap-changing transformer, 77/6.6kV	20 MVA oil autocooling Rad main unit Primary: T-type oil terminal Secondary: copper belt outdoor	2	Unit
14	On-load tap-changing transformer, 77/6.6kV	20 MVA oil wind cooling Rad main unit Primary: T-type oil terminal Secondary: copper belt outdoor	1	Unit
15	On-load tap-changing transformer, 77/6.6kV	27.39 MVA 70 dB oil autocooling Rad separate placement Primary: air bushing Secondary: copper belt indoor	1	Unit
16	On-load tap-changing transformer, 77/6.6kV	30 MVA oil autocooling Rad separate placement Primary: air bushing Secondary: copper belt indoor	1	Unit
17	On-load tap-changing transformer, 77/6.6kV	30 MVA oil autocooling Rad main unit Primary: T-type oil terminal Secondary: copper belt outdoor	1	Unit
18	On-load tap-changing transformer, 77/6.3kV	15 MVA oil autocooling Rad main unit Primary: air bushing Secondary: copper belt outdoor	1	Unit
19	On-load tap-changing transformer, 77/6.3kV	18.26 MVA oil autocooling Rad separate placement Primary: air bushing Secondary: copper belt indoor	1	Unit
20	On-load tap-changing transformer, 77/6.3kV	18.26 MVA oil autocooling Rad main unit Primary: T-type oil terminal Secondary: copper belt outdoor	1	Unit
21	On-load tap-changing transformer, 77/6.3kV	18.26 MVA oil autocooling Rad main unit Primary: air bushing Secondary: copper belt indoor	2	Unit
22	On-load tap-changing transformer, 77/6.3kV	20 MVA oil autocooling Rad separate placement Primary: air bushing Secondary: copper belt indoor	2	Unit
23	On-load tap-changing transformer, 77/6.3kV	20 MVA oil autocooling Rad main unit Primary: T-type oil terminal Secondary: copper belt outdoor	1	Unit
24	On-load tap-changing transformer, 77/6.3kV	20 MVA oil autocooling Rad main unit Primary: air bushing Secondary: copper belt outdoor	2	Unit
25	On-load tap-changing transformer, 77/6.3kV	27.39 MVA oil autocooling Rad main unit Primary: air bushing Secondary: copper belt outdoor	1	Unit
26	On-load tap-changing transformer, 77/6.3kV	30 MVA oil autocooling Rad main unit Primary: air bushing Secondary: copper belt indoor	1	Unit
27	On-load tap-changing transformer, 77/6.3kV	9.133 MVA oil autocooling Rad separate placement Primary: air bushing Secondary: copper belt indoor	1	Unit
28	On-load tap-changing transformer, 77/6.3kV	9.133 MVA oil autocooling Rad main unit Primary: air bushing Secondary: air bushing outdoor	1	Unit
29	Gas insulated switchgear, 77 kV	Power receiving and transmitting x 1, transformer x 1, buss sectionalizing x 1	3	Unit
30	Gas insulated switchgear, 77 kV	Power receiving and transmitting x 15, transformer x 4, bus contact x 1, auxiliary x 2, ShR x 3	25	Unit
31	Gas insulated switchgear, 77 kV	Power receiving and transmitting x 2, transformer x 2, buss sectionalizing x 1, auxiliary x 2	7	Unit
32	Gas insulated switchgear, 77 kV	Power receiving and transmitting x 24, transformer x 5, ShR x 2, bus contact x 2, buss sectionalizing x 1, auxiliary x 2	36	Unit
33	Gas insulated switchgear, 77 kV	Neutral point unit x 1	4	Unit
34	Circuit breaker, 550 kV	550kV 63kA 4000A general gas tank outdoor single-phase BCT15 delivery after installation and adjustment	1	Unit
35	Circuit breaker, 84 kV	84kV 20kA 1200A-0.03 gas Plug-in indoor 3-phase BCT0 delivery after installation and adjustment	2	Unit
36	Circuit breaker, 84 kV	84kV 20kA 1200A general gas Plug-in indoor 3-phase BCT0 delivery after installation and adjustment	2	Unit
37	Circuit breaker, 84 kV	84kV 20kA 800A-0.12 gas tank outdoor 3-phase BCT2 freight-on-board	1	Unit
38	Circuit breaker, 84 kV	84kV 25kA 1200A general gas tank indoor 3-phase BCT0 delivery after installation and adjustment	1	Unit
39	Circuit breaker, 84 kV	84kV 25kA 1200A general gas tank indoor 3-phase BCT8 delivery after installation and adjustment	1	Unit
40	Circuit breaker, 84 kV	84kV 25kA 1200A general gas Plug-in indoor 3-phase BCT0 delivery after installation and adjustment	19	Unit
41	Circuit breaker, 84 kV	84kV 25kA 2000A-0.03 gas Plug-in indoor 3-phase BCT0 delivery after installation and adjustment	4	Unit
42	Circuit breaker, 84 kV	84kV 25kA 2000A general gas tank indoor 3-phase BCT7 delivery after installation and adjustment	1	Unit
43	Circuit breaker, 84 kV	84kV 25kA 2000A general gas Plug-in indoor 3-phase BCT0 delivery after installation and adjustment	4	Unit
44	Shunt reactor, 154 kV	154kV 80MVA fixed type 60dB outdoor	1	Unit
45	Shunt reactor, 77 kV	77kV 40/20MVA variable type 60dB outdoor	1	Unit
46	Shunt reactor, 77 kV	77kV 60/30MVA variable type -dB indoor	1	Unit
47	Shunt reactor, 77 kV	77kV 20MVA fixed type 50dB outdoor	1	Unit
48	Shunt reactor, 77 kV	77kV 40MVA fixed type -dB outdoor	4	Unit
49	Shunt reactor, 77 kV	77kV 40MVA fixed type 60dB outdoor	6	Unit
50	Shunt reactor, 77 kV	77kV 60MVA fixed type 60dB outdoor	1	Unit
51	Neutral point reactor, 77 kV	77kV 5MVA - - indoor	1	Unit
52	Neutral point reactor, 77 kV	77kV 10MVA - - outdoors	1	Unit
53	Neutral point reactor, 77 kV	77kV 10MVA - - indoor	2	Unit
54	Neutral point reactor, 77 kV	77kV 20MVA - - outdoors	4	Unit
55	Neutral point reactor, 77 kV	77kV 20MVA - - indoor	2	Unit
56	Neutral point reactor, 77 kV	77kV 40MVA - - outdoors	3	Unit
57	Arrester, 98 kV	31.5 kA, 50 μF, polymer type, standard characteristics	6	Unit
58	Arrester, 98 kV	31.5 kA, 50 μF, polymer type, high performance	9	Unit
59	Arrester, 98 kV	31.5 kA, 25 μF, polymer type, high performance	21	Unit
60	Arrester, 266 kV	50 kA, 50 μF, polymer type, high performance	9	Unit
61	Arrester, 266 kV	63 kA, 50 μF, polymer type, high performance	6	Unit
62	Storage battery	1000 Ah x 50 cells	2	Unit
63	Storage battery	800 Ah x 50 cells	1	Unit
64	Storage battery	500 Ah x 52 cells	1	Unit
65	Storage battery	300 Ah x 100 cells	1	Unit
66	Storage battery	300 Ah x 50 cells	10	Unit
67	Storage battery	200 Ah x 50 cells	10	Unit
68	Storage battery	150 Ah x 50 cells	6	Unit
69	Rectifier	100 V, 30 A	4	Unit
70	Rectifier	100 V, 50 A	15	Unit
71	Rectifier	100 V, 75 A	2	Unit
72	Rectifier	100 V, 100 A	1	Unit
73	Rectifier	100 V, 150 A	4	Unit
74	Rectifier	100 V, 200 A	1	Unit
75	Rectifier	100 V, 300 A	2	Unit
76	DC cross board	350mm width	12	Unit

77	DC cross board	700mm width	7	Unit
78	Armored switchgear, 6.6 kV	F2015 type M-box (2000A w/CB), F-box, A-box, SR-box, SK-box, and others	130	Box
79	Armored switchgear, 6.6 kV	F2015-R type M-box (2000A and others, w/ or w/o CB), F-box, A-box, SR-box, SK-box, and others	236	Box
80	Armored switchgear, 22 kV	M-box, (1200A and others), K-box, SR-box, SK-box, NR-box	65	Box
81	Armored switchgear, 33 kV	M-box, (1200A), K-box, SK-box, and others	16	Box
82	Armored switchgear, 6.6 kV	M-box, (2000A), F-box, A-box, SR-box	7	Box
83	Disconnecter, 300 kV	Rated 2000A, 50kA, electric, outdoor, horizontal one-point disconnection	2	Unit
84	Disconnecter, 168 kV	Rated 4000A, 50kA, electric, outdoor, horizontal one-point disconnection	11	Unit
85	Disconnecter, 84 kV	Rated 800A and others, 20kA and others, electric, outdoor and others, horizontal two-point disconnection and others	69	Unit
86	Transformer for capacitive instrument, 275 Kv	For line, 500 VA	17	Unit
87	Transformer for capacitive instrument, 154 Kv	For line, 50 VA	6	Unit
88	Transformer for capacitive instrument, 77 kV	For line, 50 VA	39	Unit
89	Switchboard	Miniature power receiving transformer panel, ancillary panel	20	Unit
90	Switchboard	Common I/F panel, ancillary panel	9	Unit
91	Switchboard	43 V panel	2	Unit
92	Switchboard	transmission board	10	Unit
93	Bushing, 80.5 k V	Floor penetration, 1,200 A CT	21	Piece
94	Bushing, 80.5 k V	Wall penetration, 1,200 A CT	15	Piece
95	Power cable, 154 kV	CVSS 100 mm2	89	m
96	Power cable, 77 kV	CVSS 2000 mm2	19,890	m
97	Power cable, 77 kV	CVSS 100 mm2	752	m
98	Power cable, 77 kV	CVTSS 325 mm2	860	m
99	Power cable, 77 kV	CVT 400 mm2	155	m
100	Power cable, 77 kV	CVTSS 250 mm2	29,350	m
101	Power cable accessory, 154 kV	Terminating joint box EBA	6	Unit
102	Power cable accessory, 154 kV	Terminating joint box EBG	16	Unit
103	Power cable accessory, 77 kV	Terminating joint box EBA	37	Unit
104	Power cable accessory, 77 kV	Terminating joint box EBG	25	Unit
105	Power cable accessory, 77 kV	Terminating joint box EBGs	127	Unit
106	Power cable accessory, 77 kV	Intermediate joint box	7	Unit