

The Main Procurement Plan in fiscal 2022

*Plan details (specifications, quantity, due construction period, etc.) may be changed or plans may be discontinued. At the time of the opening,

[Transformation materials and equipment]

NO	Article designation	Specification	Q'ty	Unit
1	Transformer, 77 kV	77/22 kV 15 MVA	4	Unit
2	Transformer, 77 kV	77/22 kV 30 MVA	2	Unit
3	Transformer, 77 kV	77/22 kV 28.7 MVA	1	Unit
4	Transformer, 77 kV	77/6.9 kV 15 MVA	5	Unit
5	Transformer, 77 kV	77/6.9 kV 20 MVA	1	Unit
6	Transformer, 77 kV	77/6.3 kV 9.133 MVA	1	Unit
7	Transformer, 77 kV	77/6.3 kV 18.26 MVA	2	Unit
8	Transformer, 77 kV	77/6.3 kV 18.26 MVA	6	Unit
9	Transformer, 77 kV	77/6.3 kV 27.39 MVA	1	Unit
10	Circuit breaker, 77 kV	Gas or Vacuum, Plug-in, rated current: 1,200 A, rated breaking current: 25 kA	1	Unit
11	Circuit breaker, 77 kV	Gas, rated current: 800 A, rated breaking current: 20 kA	3	Unit
12	Circuit breaker, 77 kV	Plug-in, rated current: 2,000 A, rated breaking current: 25 kA	2	Unit
13	Circuit breaker, 77 kV	Plug-in, rated current: 1,200 A, rated breaking current: 25 kA	12	Unit
14	Circuit breaker, 77 kV	Plug-in, rated current: 1,200 A, rated breaking current: 20 kA	1	Unit
15	Gas insulated switchgear, 77 kV	Power receiving and transmitting × 10, transformer × 4, phase modification × 1, bus connection CB × 1, bus connection LS × 2, PT × 1	18	Unit
16	Disconnecter, 154 kV	Rated current: 1,200 A, rated withstand current: 25 kA, Three-phase, motor-operated	4	Unit
17	Disconnecter, 154 kV	Rated current: 1,200 A, rated withstand current: 31.5 kA, Single-phase, motor-operated	4	Unit
18	Disconnecter, 154 kV	Rated current: 1,200 A, rated withstand current: 31.5 kA, Three-phase, motor-operated	1	Unit
19	Disconnecter, 154 kV	Rated current: 1,200 A, rated withstand current: 25 kA, Single-phase, motor-operated	3	Unit
20	Disconnecter, 77 kV	Rated current: 800 A, rated withstand current: 25 kA, Three-phase, motor-operated	1	Unit
21	Disconnecter, 77 kV	Rated current: 1,200 A, rated withstand current: 20 kA, Three-phase, motor-operated	11	Unit
22	Disconnecter, 77 kV	Rated current: 1,200 A, rated withstand current: 20 kA, Three-phase, manual-operated	4	Unit
23	Disconnecter, 77 kV	Rated current: 1,200 A, rated withstand current: 20 kA, Three-phase, motor-operated	25	Unit
24	Disconnecter, 77 kV	Rated current: 1,200 A, rated withstand current: 31.5 kA, Three-phase, motor-operated	9	Unit
25	Disconnecter, 77 kV	Rated current: 2,000 A, rated withstand current: 25 kA, Three-phase, motor-operated	7	Unit
26	Disconnecter, 77 kV	Rated current: 4,000 A, rated withstand current: 31.5 kA, Three-phase, motor-operated	4	Unit
27	Power cable, 275 kV	CVSS 100 mm2	0.135	km
28	Power cable, 154 kV	CVTSS 100 mm2	0.120	km
29	Power cable, 154 kV	CVSS 100 mm2	1.920	km
30	Power cable, 77 kV	CVSS 2,000 mm2	0.183	km
31	Power cable, 77 kV	CVSS 100 mm2	4.976	km
32	Power cable, 77 kV	CVSS 325 mm2	0.026	km
33	Power cable, 77 kV	CVT 250 mm2	0.390	km
34	Power cable, 77 kV	CVT 400 mm2	0.100	km
35	Power cable, 77 kV	CVTSS 100 mm2	0.510	km
36	Power cable, 77 kV	CVTSS 250 mm2	0.635	km
37	Power cable accessory, 275 kV	Terminating joint box EBG	1	Unit
38	Power cable accessory, 154 kV	Terminating joint box EBA	13	Unit
39	Power cable accessory, 154 kV	Terminating joint box EBG	7	Unit
40	Power cable accessory, 77 kV	Terminating joint box EBA	24	Unit
41	Power cable accessory, 77 kV	Terminating joint box EBG	13	Unit
42	Power cable accessory, 77 kV	Terminating joint box EBGs	43	Unit
43	Power cable accessory, 77 kV	Intermediate joint box	3	Unit
44	Shunt reactor, 77 kV	10MVA	1	Unit
45	Shunt reactor, 77 kV	20MVA	1	Unit
46	Shunt reactor, 77 kV	10/20MVA	1	Unit
47	Shunt reactor, 77 kV	40/20MVA	4	Unit
48	Shunt reactor, 77 kV	60/30MVA	1	Unit
49	Neutral point reactor	154/√3 20MVA	1	Unit
50	Neutral point reactor	154/√3 30MVA	1	Unit
51	Neutral point reactor	77/√3 10MVA	1	Unit
52	Neutral point reactor	77/√3 20MVA	5	Unit
53	Arrester, 98 kV	31.5 kA, 25 μF, polymer type, high performance	6	Unit
54	Armored switchgear, 6.6 kV F2015	M: 2 boxes, F: 4 boxes, A: 1 box, SK: 1 box, others: 1 box	1	Unit
55	Armored switchgear, 6.6 kV F2015	M: 1 box, F: 6 boxes, A: 1 box, SR: 1 box, SK: 1 box, others: 1 box	1	Unit
56	Armored switchgear, 6.6 kV F2015	M: 1 box, F: 4 boxes, A: 1 box, SR: 1 box, SK: 1 box, others: 5 boxes	1	Unit
57	Armored switchgear, 6.6 kV F2015	M: 1 box, F: 4 boxes, A: 1 box, SR: 1 box	1	Unit
58	Armored switchgear, 6.6 kV F2015	M: 1 box, F: 3 boxes, A: 1 box, SR: 1 box	2	Unit
59	Armored switchgear, 6.6 kV F2015-R	M: 2 boxes, F: 9 boxes, A: 2 boxes, SR: 2 boxes	1	Unit
60	Armored switchgear, 6.6 kV F2015-R	M: 1 box, F: 6 boxes, A: 1 box, SR: 1 box	3	Unit
61	Armored switchgear, 6.6 kV F2015-R	M: 1 box, F: 5 boxes, A: 1 box, SR: 1 box	2	Unit
62	Armored switchgear, 6.6 kV F2015-R	M: 1 box, F: 4 boxes, A: 1 box, SR: 1 box, others: 1 box	1	Unit
63	Armored switchgear, 6.6 kV F2015-R	M: 1 box, F: 4 boxes, A: 1 box, SR: 1 box, others: 0.6 box	1	Unit
64	Armored switchgear, 6.6 kV F2015-R	M: 2 boxes, F: 4 boxes, A: 1 box, SR: 1 box	1	Unit
65	Armored switchgear, 6.6 kV F2015-R	M: 1 box, F: 4 boxes, A: 1 box, SR: 1 box	7	Unit

66	Armored switchgear, 6.6 kV F2015-R	M: 1 box, F: 4 boxes, SR: 1 box	1	Unit
67	Armored switchgear, 6.6 kV F2015-R	M: 1 box, F: 3 boxes, A: 2 boxes, SR: 2 boxes, others: 1 box	1	Unit
68	Armored switchgear, 6.6 kV F2015-R	M: 1 box, F: 3 boxes, A: 1 box, SR: 1 box	4	Unit
69	Armored switchgear, 6.6 kV F2015-R	M: 1 box, F: 3 boxes, A: 1 box, SK: 1 box	1	Unit
70	Armored switchgear, 6.6 kV F2015-R	M: 1 box, F: 2 boxes, A: 1 box, SR: 1 box, others: 0.6 box	1	Unit
71	Armored switchgear, 6.6 kV F2015-R	M: 1 box, F: 2 boxes, A: 1 box, SR: 1 box	3	Unit
72	Armored switchgear, 6.6 kV F2015-R	M: 1 box, F: 2 boxes, A: 1 box, SK: 1 box	1	Unit
73	Armored switchgear, 6.6 kV F2015-R	F: 1 box, others: 1 box	1	Unit
74	Armored switchgear, 6.6 kV F2015-R	A: 1 box	1	Unit
75	Armored switchgear, 6.6 kV F2015-R	others: 1 box	1	Unit
76	Armored switchgear	transformer secondary box, busbar connection box,	2	Set
77	Armored switchgear	For Wheeling meter	7	Box
78	Armored switchgear	6kV Wheeling meter box	1	Box
79	Armored switchgear	77 kV Wheeling meter box	1	Box
80	Armored switchgear	11kV outdoor cubicle	2	Unit
81	Transformer for capacitive instrument, 154 kV	For line, 50 VA	2	Unit
82	Transformer for capacitive instrument, 154 kV	For line, 200 VA	3	Unit
83	Transformer for capacitive instrument, 154 kV	For bus, 200 VA	3	Unit
84	Transformer for capacitive instrument, 77 kV	For line, 50 VA	20	Unit
85	Transformer for capacitive instrument, 77 kV	For bus, 100 VA	3	Unit
86	Transformer for capacitive instrument, 77 kV	For bus, 200 VA	6	Unit
87	Bushing, 80.5 k V	Floor penetration, 1,200 A CT	30	Piece
88	Bushing, 80.5 k V	Wall penetration, 1,200 A CT	18	Piece
89	Ball socket type suspension insulator	165kN φ250	54	Piece
90	Switchboard	Transformer panel - power receiving: 2 lines, distribution substation: 3 units (RPF-compatible), tie transformer: 2 units (RPF-compatible)	2	Unit
91	Switchboard	Common I/F panel, I/F ancillary panel, tap conversion unit	4	Unit
92	Switchboard	Common I/F panel	2	Unit
93	Switchboard	Common I/F panel, I/F ancillary panel	1	Unit
94	Switchboard	I/F ancillary panel	1	Unit
95	Switchboard	Voltage regulator panel, LAN-compatible LR panel	2	Unit
96	Switchboard	Digital voltage regulator system (2 banks/unit)	4	Unit
97	Switchboard	Power receiving transformer panel	3	Unit
98	Switchboard	Digital voltage regulator system (LAN-compatible voltage regulator system) for power distribution and transformation	1	Unit
99	Switchboard	Digital voltage regulator system for power distribution and transformation	6	Unit
100	Switchboard	RS panel, 77 kV power transmission line (2 units), 77 kV bus line connection (1 unit)	3	Unit
101	Switchboard	RS panel(shunt reactorx 2)	2	Unit
102	Switchboard	L A N – R S panel for shunt reactor	1	Unit
103	Switchboard	Protection relay panel for 275/77kV100MVA main transformer, digital-type, LAN-compatible, 43 TR remote control-compatible	2	Unit
104	Switchboard	Compact type switchboard (push button type), 1,000 mm wide, 3L3B-compatible	1	Unit
105	Switchboard	Compact type switchboard (push button type), 700 mm wide, 4L4B-compatible	2	Unit
106	Switchboard	Compact type power receiving transformer control panel 4L5B (77 kV line x 4, transmission transformer x 2, distribution transformer	2	Unit
107	Switchboard	Power line panel, ancillary panel, transformer protection panel	3	Unit
108	Switchboard	Electricity meter panel (Precise electricity meter x 5, mounted)	1	Set
109	Switchboard	Transformer protective relay panel, 275/154 kV	1	Unit
110	Switchboard	Automatic recording system (dipole)	1	Unit
111	Switchboard	Automatic recording system (monopole)	1	Unit
112	Switchboard	Collection panel for safety information	1	Set
113	Switchboard	Shunt reactor protection relay	1	Set
114	Storage battery	500 Ah x 52 cells	1	Unit
115	Storage battery	500 Ah x 50 cells	3	Unit
116	Storage battery	500 Ah x 52 cells	1	Unit
117	Storage battery	400 Ah x 50 cells	1	Unit
118	Storage battery	300 Ah x 50 cells	6	Unit
119	Storage battery	300 Ah x 52 cells	1	Unit
120	Storage battery	200 Ah x 50 cells	9	Unit
121	Storage battery	150 Ah x 50 cells	6	Unit
122	Rectifier	100 V, 100 A	3	Unit
123	Rectifier	100 V, 30 A	3	Unit
124	Rectifier	100 V, 50 A	19	Unit