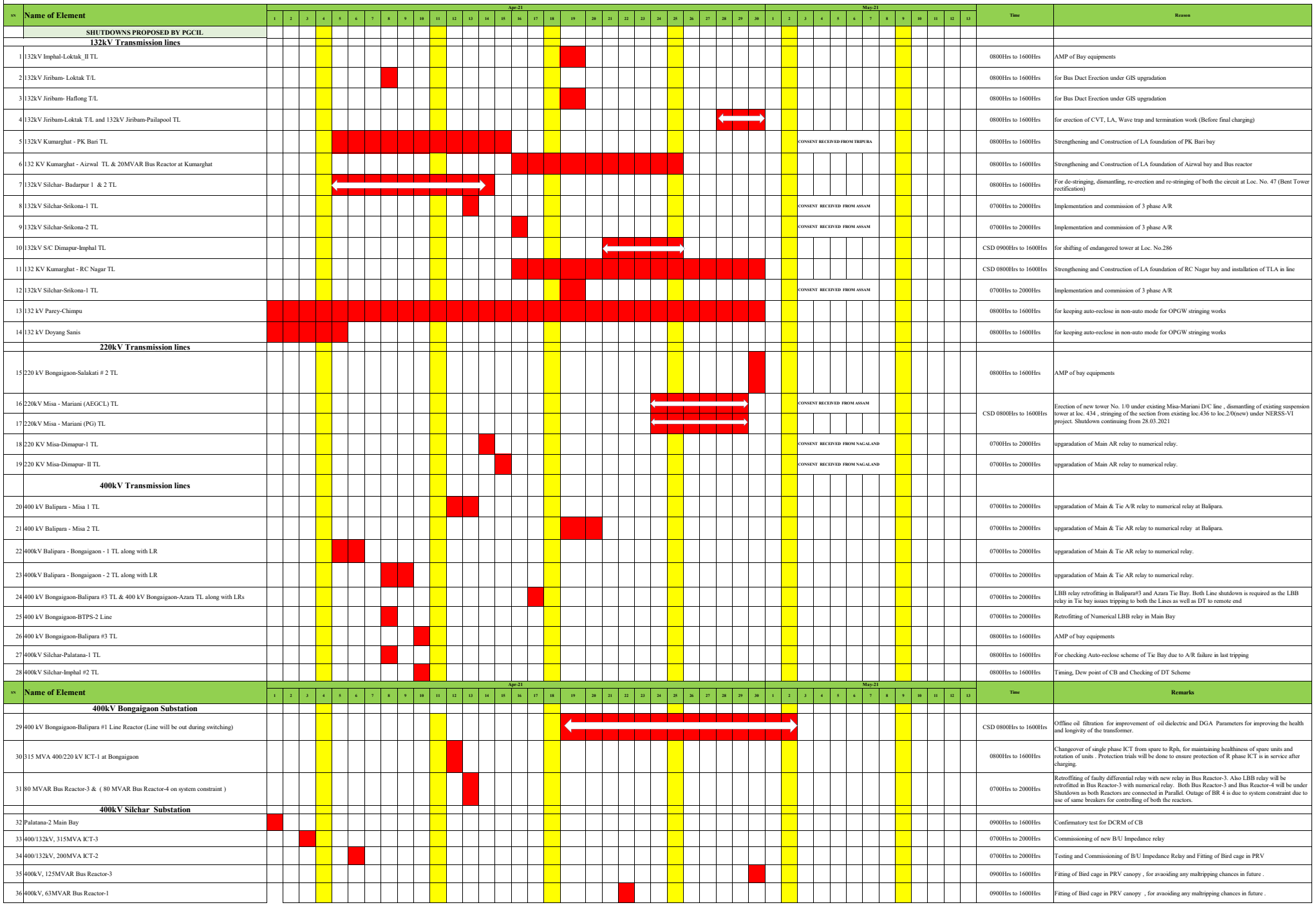
Shutdown Requisition for the month of April'21

SN	Name of Element	Time	Reason
	SHUTDOWNS PROPOSED BY PGCIL		
	132kV Transmission lines		
1	132kV Imphal-Loktak_II TL	0800Hrs to 1600Hrs	AMP of Bay equipments
2	132kV Jiribam- Loktak T/L	0800Hrs to 1600Hrs	for Bus Duct Erection under GIS upgradation
3	132kV Jiribam- Haflong T/L	0800Hrs to 1600Hrs	for Bus Duct Erection under GIS upgradation
4	132kV Jiribam-Loktak T/L and 132kV Jiribam-Pailapool TL	0800Hrs to 1600Hrs	for erection of CVT, LA, Wave trap and termination work (Before final charging)
5	132kV Kumarghat - PK Bari TL	0800Hrs to 1600Hrs	Strengthening and Construction of LA foundation of PK Bari bay
6	132 KV Kumarghat - Aizwal TL & 20MVAR Bus Reactor at Kumarghat	0800Hrs to 1600Hrs	Strengthening and Construction of LA foundation of Aizwal bay and Bus reactor
7	132kV Silchar- Badarpur 1 & 2 TL	0800Hrs to 1600Hrs	For de-stringing, dismantling, re-erection and re-stringing of both the circuit at Loc. No. 47 (Bent Tower rectification)
8	132kV Silchar-Srikona-1 TL	0700Hrs to 2000Hrs	Implementation and commission of 3 phase A/R
9	132kV Silchar-Srikona-2 TL	0700Hrs to 2000Hrs	Implementation and commission of 3 phase A/R
10	132kV S/C Dimapur-Imphal TL	CSD 0900Hrs to 1600Hrs	for shifting of endangered tower at Loc. No.286
11	132 KV Kumarghat - RC Nagar TL	CSD 0800Hrs to 1600Hrs	Strengthening and Construction of LA foundation of RC Nagar bay and installation of TLA in line
12	132kV Silchar-Srikona-1 TL	0700Hrs to 2000Hrs	Implementation and commission of 3 phase A/R
13	132 kV Parey-Chimpu	0800Hrs to 1600Hrs	for keeping auto-reclose in non-auto mode for OPGW stringing works
14	132 kV Doyang Sanis	0800Hrs to 1600Hrs	for keeping auto-reclose in non-auto mode for OPGW stringing works
	220kV Transmission lines		
15	220 kV Bongaigaon-Salakati # 2 TL	0800Hrs to 1600Hrs	AMP of bay equipments
16	220kV Misa - Mariani (AEGCL) TL	CSD 0800Hrs to 1600Hrs	Erection of new tower No. 1/0 under existing Misa-Mariani D/C line , dismantling of existing suspension tower at loc. 434 , stringing of the section from existing loc.436 to loc.2/0(new) under NERSS-VI project. Shutdown continuing from 28.03.2021
17	220kV Misa - Mariani (PG) TL		
18	220 KV Misa-Dimapur-1 TL	0700Hrs to 2000Hrs	upgaradation of Main AR relay to numerical relay.
19	220 KV Misa-Dimapur- II TL	0700Hrs to 2000Hrs	upgaradation of Main AR relay to numerical relay.
	400kV Transmission lines		
20	400 kV Balipara - Misa 1 TL	0700Hrs to 2000Hrs	upgaradation of Main & Tie A/R relay to numerical relay at Balipara.
21	400 kV Balipara - Misa 2 TL	0700Hrs to 2000Hrs	upgaradation of Main & Tie AR relay to numerical relay at Balipara.
22	400kV Balipara - Bongaigaon - 1 TL along with LR	0700Hrs to 2000Hrs	upgaradation of Main & Tie AR relay to numerical relay.
23	400kV Balipara - Bongaigaon - 2 TL along with LR	0700Hrs to 2000Hrs	upgaradation of Main & Tie AR relay to numerical relay.
24	400 kV Bongaigaon-Balipara #3 TL & 400 kV Bongaigaon-Azara TL along with LRs	0700Hrs to 2000Hrs	LBB relay retrofitting in Balipara#3 and Azara Tie Bay. Both Line shutdown is required as the LBB relay in Tie bay issues tripping to both the Lines as well as DT to remote end
25	400 kV Bongaigaon-BTPS-2 Line	0700Hrs to 2000Hrs	Retrofitting of Numerical LBB relay in Main Bay
26	400 kV Bongaigaon-Balipara #3 TL	0800Hrs to 1600Hrs	AMP of bay equipments
27	400kV Silchar-Palatana-1 TL	0800Hrs to 1600Hrs	For checking Auto-reclose scheme of Tie Bay due to A/R failure in last tripping
28	400kV Silchar-Imphal #2 TL	0800Hrs to 1600Hrs	Timing, Dew point of CB and Checking of DT Scheme

SN	Name of Element	Time	Remarks
	400kV Bongaigaon Substation		
29	400 kV Bongaigaon-Balipara #1 Line Reactor (Line will be out during switching)	CSD 0800Hrs to 1600Hrs	Offline oil filtration for improvement of oil dielectric and DGA Parameters for improving the health and longivity of the transformer.
30	315 MVA 400/220 kV ICT-1 at Bongaigaon	0800Hrs to 1600Hrs	Changeover of single phase ICT from spare to Rph, for maintaining healthiness of spare units and rotation of units . Protection trials will be done to ensure protection of R phase ICT is in service after charging.
31	80 MVAR Bus Reactor-3 & (80 MVAR Bus Reactor-4 on system constraint)	0700Hrs to 2000Hrs	Retroffiting of faulty differential relay with new relay in Bus Reactor-3. Also LBB relay will be retrofitted in Bus Reactor-3 with numerical relay. Both Bus Reactor-3 and Bus Reactor-4 will be under Shutdown as both Reactors are connected in Parallel. Outage of BR 4 is due to system constraint due to use of same breakers for controlling of both the reactors.
	400kV Silchar Substation		
32	Palatana-2 Main Bay	0900Hrs to 1600Hrs	Confirmatory test for DCRM of CB
33	400/132kV, 315MVA ICT-3	0700Hrs to 2000Hrs	Commissioning of new B/U Impedance relay
34	400/132kV, 200MVA ICT-2	0700Hrs to 2000Hrs	Testing and Commissioning of B/U Impedance Relay and Fitting of Bird cage in PRV
35	400kV, 125MVAR Bus Reactor-3	0900Hrs to 1600Hrs	Fitting of Bird cage in PRV canopy , for avaoiding any maltripping chances in future .
36	400kV, 63MVAR Bus Reactor-1	0900Hrs to 1600Hrs	Fitting of Bird cage in PRV canopy , for avaoiding any maltripping chances in future .



SN	Name of Element	Apr-21																													May-21													Time	Remarks
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13		
	400kV Imphal Substation																																												
37	132/33kV, 50MVA ICT-2																																											0800Hrs to 1600Hrs	AMP of ICT
38	132kV 20MVAR Bus Reactor																																											0800Hrs to 1600Hrs	AMP of Bus Reactor
39	400kV 80MVAR Bus Reactor-1 Main Bay																																											0800Hrs to 1600Hrs	AMP of Bay equipments
	400kV Balipara Substation																																												
40	220KV ICT-1 Incomer Main Bay																																											0800Hrs to 1600Hrs	AMP of Bay equipments. ICT will remain in service
41	400KV ICT-1 Tie Bay																																											0800Hrs to 1600Hrs	AMP of Bay equipments
42	400KV Misa-1 Main Bay																																											0800Hrs to 1600Hrs	AMP of Bay equipments
43	400KV Misa-2 Main Bay																																											0800Hrs to 1600Hrs	AMP of Bay equipments
44	400KV Misa-2 and BNC-2 Tie Bay																																											0800Hrs to 1600Hrs	AMP of Bay equipments
45	400KV BNC-1 Main Bay																																											0800Hrs to 1600Hrs	AMP of Bay equipments
46	400KV BNC-2 Main Bay																																											0800Hrs to 1600Hrs	AMP of Bay equipments
	220kV Salakati SS																																												
47	220kV BTPS #1&2 along with 220kV Transfer Bus																																CONSENT RECEIVED FROM ASSAM												0700Hrs to 1500Hrs	For replacement of transfer bus conductor under Add_Cap project
48	220kV Bongaigaon#1 along with 220kV Transfer Bus																																												0800Hrs to 1600Hrs	For replacement of transfer bus conductor under Add_Cap project
49	220kV Main Bay of BTPS #2 TL																																												CSD 0800Hrs to 1600Hrs	For replacement of 89A and 89B isolators. Line will remain in service via TBC bay.
50	220kV Main Bus# 2																																												0800Hrs to 1200Hrs	For disconnection of jumpers from Isolater 89B of BTPS#2 bay
51	220kV Main Bus# 2																																												1200Hrs to 1600Hrs	For reconnection of jumpers to Iso 89B of BTPS#2 bay
52	220kV Main Bus# 1																																												0800Hrs to 1200Hrs	For reconnection of jumpers to Iso 89A of BTPS#2 bay
53	220/132kV, 50MVA ICT# 1																																												CSD 0800Hrs to 1600Hrs	Offline oil filtration for improvement of oil dielectric and DGA Parameters for improving the health and longivity of the transformer.
SN	Name of Element	Apr-21																													May-21													Time	Remarks
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13		
	132kV Jiribam SS																																												
54	132kV Main Bus (All lines will be out of service)																																CONSENT RECEIVED FROM MANIPUR												0800Hrs to 1600Hrs	For Bus Duct Erection under GIS upgradation. Total 340 Meter GIS Bus duct errection planed at site @ 35 Meter errection per day.. Height of he Bus duct is 3 mtr from ground level and Main bus height is approx 5 mtr from ground. Work shall involve extesive use of hydra in switchyard area.
55	132kV 6.3 MVA ICT (state ICT)																																CONSENT RECEIVED FROM MANIPUR												0800Hrs to 1600Hrs	for Bus Duct Erection under GIS upgradation
	400kV Misa SS																																												
56	400/220kV, 500 MVA ICT-1																																											0700Hrs to 2000Hrs	Installation of B/U Imp. Relay to be replaced with P141 relays
57	400/220kV, 315 MVA ICT-2																																											0700Hrs to 2000Hrs	Installation of B/U Imp. Relay to be replaced with P141 relays
58	400/220kV, 500 MVA ICT-3																																											0700Hrs to 2000Hrs	Installation of B/U Imp. Relay to be replaced with P141 relays
SN	Name of Element	Apr-21																													May-21													Time	Remarks
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13		
	Interregional/International																																												
59	220kV Salakati - Alipurduar # 1 and 2 TL along with Transfer Bus at Salakati (SD requested by NER)																																												08:00 to 16:00	For replacement of transfer bus conductor under construction project
60	400kV Bongaigaon - Binaguri (NSLG) # 1 TL along with LR (SD requested by NER)																																												08:00 to 16:00	For AMP of Line Reactor, Both Line and its Reactor will be under shutdown due to clearance issue.
61	400kV Bongaigaon - Binaguri (NSLG) # 2 TL along with LR (SD requested by NER)																																												0700Hrs to 2000Hrs	For new A/R relay retrofitting in Main and Tie Bay respectively
62	800 KV HVDC APD-AGRA LINE-1 (SD requested by ER)																																												08:00 to 16:00	Fixing of span marker
63	800 KV HVDC APD-AGRA LINE-2 (SD requested by ER)																																												08:00 to 16:00	Fixing of span marker
64	400kV Bongaigaon - Binaguri # 1 TL (SD requested by ER)																																													08:00 to 16:00	Replacement of insulator at major crossing
65	400kV Bongaigaon - Binaguri # 2 TL (SD requested by ER)																																													08:00 to 16:00	Dismantling of Span Marker installed during visit of Honourable Chief Minister, West Bengal and Replacement of insulator at major crossing
SN	Name of Element	Apr-21																													May-21													Time	Remarks
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13		
	ASSAM																																												
66	220 kV Samaguri-Mariani II line																																												08:00 to 16:00	corridor cleaning work and bay maintenance work
67	220 kV Samaguri-Sonabil-1																																												08:00 to 16:00	corridor cleaning work and bay maintenance work
68	220 kV Samaguri-Sonabil-2																																												08:00 to 16:00	corridor cleaning work and bay maintenance work
69	132 kV Bokajan-Dimapur																																												10:00 to 16:00	for corridor cleaning and preventive maintenance works.
70	220 kV Agia-BTPS-1																																												08:00 to 16:00	for maintenance work
71	220 kV Agia-BTPS-2																																												08:00 to 16:00	for maintenance work
72	220 kV Agia-Boko																																												08:00 to 16:00	for maintenance work
73	220 kV Agia-Mirza																																												08:00 to 16:00	for maintenance work
74	220kV Mirza-Boko																																												08:00 to 16:00	for preventive maintenance works.
75	132KV Umtru - Sausajai Line I																																												10:00 to 13:00	for preventive maintenance works.
76	132KV Umtru - Sausajai Line II																																												10:00 to 13:00	for preventive maintenance works.
77	220 kV Jawahar Nagar-Samaguri																																												08:00 to 16:00	for preventive maintenance works.
78	220 kV Sonapur-Sarusajai																																												08:00 to 16:00	for preventive maintenance works.
79	220 kV Sonapur-Samaguri																																												08:00 to 16:00	for preventive maintenance works.
80	220 kV Main bus-1 at SAMAGURI																																												08:00 to 16:00	for preventive maintenance works.
81	220 kVMain bus-2 at SAMAGURI																																												08:00 to 16:00	for preventive maintenance works.
82	Panchgram-Lumshnong																																CONSENT RECEIVED FROM MEGHALAYA												08:00 to 16:00	for preventive maintenance works.
83	400kV AT -1 at Azara																																												08:00 to 16:00	for preventive maintenance works.
84	400kV AT -2 at Azara																																												08:00 to 16:00	for preventive maintenance works.
85	132 kV Srikona-Pailapool line																																												08:00 to 16:00	for preventive maintenance works.
86	132 kV Hailakandi-Dullavcherra line																																												08:00 to 16:00	for preventive maintenance works.
87	132 kV Dullavcherra-Dharmanagar line																																CONSENTRECEIVED FROM TRIPURA												08:00 to 16:00	for preventive maintenance works.
88	132 kV Panchgram-Hailakandi																																												08:00 to 16:00	for preventive maintenance works.
		Apr-21																													May-21														

SN	Name of Element	Apr-21																													May-21													Time	Remarks
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13		
	TRIPURA																																													
89	132 kV Dullavcherra-Dharmanagar line																																	CONSENT RECEIVED FROM ASSAM												08:00 to 16:00	for preventive maintenance works.
90	132 KV Udaipur - Palatana																																												08:00 to 16:00	for preventive maintenance works.
91	132 KV Dharmanagar S/S (132 KV Bus)																																												08:00 to 16:00	for preventive maintenance works.
92	132 KV Bus-2 of Grid SS with 132 KV Agt-Dhalabil & RC Nagar-I																																												08:00 to 16:00	for preventive maintenance works.
93	132 KV P.K Bari - KGT PowerGrid line																																												08:00 to 16:00	for preventive maintenance works.
94	132 KV Monarchak - Udaipur																																												08:00 to 16:00	for preventive maintenance works.
95	132 KV P.K. Bari(TSECL) - P.K. Bari(ISTS)																																												08:00 to 16:00	for preventive maintenance works.
96	132 KV- Ambassa- P.K Bari (ISTS)																																												08:00 to 16:00	for preventive maintenance works.

SN	Name of Element	Apr-21																													May-21													Time	Remarks
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13		
	MEGHALAYA																																													
97	220kV Byrnihat Bus A & B																																												09:00-16:00	Changing the burned Jumper of R Phase of 220kV Bus Coupler Isolator and Bus A Isolator of Misa I at Killing S/S. Replacement of HMI and I/O cards of Numerical relay by ABB engineer
98	400kV Byrnihat - Bongaigoan																																												09:00-16:00	Testing of Numeriacl Relay 7SA52 21M1 Siemens at Killing S/S.
99	220kV Byrnihat - Misa 1																																												09:00-16:00	Preventive Maintenance works of terminal equiptments at Killing S/S.
100	220kV Byrnihat - Misa 2																																												09:00-16:00	Preventive Maintenance works of terminal equiptments at Killing S/S.
101	160MVA 220/132kV ICT 2 at Byrnihat																																												09:00-16:00	Preventive Maintenance works of terminal equiptments at Killing S/S.
102	132 KV khliehriat-Khliehriat line 2																																												09:00-13:00	installation and wiring work on panel
103	133 KV khliehriat-Khliehriat line 1																																												13:00-16:00	installation and wiring work on panel
	NAGALAND																																												
104	132KV Dimapur(PG)-Kohima T/L																																												08:00 hrs to 16:00hrs	Vegetation Clearing
	NEEPCO (Khangdong Power Station)																																												
105	132KV Khandong Switchyard																																												9:00 to 16:00 hrs	1. Bus jumper, conductor & hardware checking/replacement of complete switchyard.2. Bus-coupler isolator maintenance. 3. Khandong Unit-I bus isolator maintenance. 4. Isolator Mechanism box replacement.
106	Doyang Unit#1																																												w.e.f. 00:00 hrs of 05/04/2021 to 17:00 hrs of 29/04/2021	Annual Planned Maintenance
107	4x150 MW Kameng HE Project																																												w.e.f. 01.04.2021 (00:00 Hrs) to 09.04.2021 (24:00 Hrs)	Completion of Tail pool barrier.

SN	Name of Element	Apr-21																													May-21													Time	Remarks
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13		
	OTPC																																													
108	400 /132 kv , 125 MVA ICT-I																																												w.e.f. 08:00 Hrs of 01.04.21 to 16:00 Hrs of 02.04.21	Health checkup of the Transformer, Annual maintenance of Line-Bay, Hot spot rectification, Testing of CVTs ,CTs , Relays& Circuit breaker & alignment of isolators and Main CB Mechanism checking
109	400 /132 kv , 125 MVA ICT-I																																												08:00 Hrs to 16:00 Hrs	
110	400 /132 kv , 125 MVA ICT-II																																												w.e.f. 08:00 Hrs of 15.04.21 to 16:00 Hrs of 21.04.21	oil circulation & health checkup of the Transformer, Annual maintenance of Line-Bay, Hot spot rectification, Testing of CVTs, CTs , Relays & Circuit breaker & alignment of isolators
111	OTPC Block-2																																												00:00 Hrs of 16.03.21 to 24:00 Hrs of 14.04.21	Rotor Inspection and replacement, HRSG-2 License renewal and maintenance work in Steam Turbine-2
112	OTPC Block-1																																												00:00 Hrs of 07.04.21 to 24:00 Hrs of 13.05.21	Rotor Inspection and replacement, HRSG-2 License renewal and maintenance work in Steam Turbine-3
	APPROVED SD																																												