PROPOSED SHUTDOWN Requisition FOR 147th OCC MEETING

SN	Name of Element	Aug-18 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	Sep-18 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Time	Remarks	Category
TRANSMISSION LINES						
132kV Transmission lines						
	132 KV DC Badarpur- Jiribam			Cont. SD 08:00 to 16:00 Hrs	Stringing work of 400 KV Silchar – Melriat AQ17 T/L (Section AP 1/0 to AP 1A/0)	New Construction Related Shut Down
1	132kV Palatana-S.M.Nagar-2 TL			08:00 to 16:00 HRS	for annual bay maintenance work & Jumper Tightening works	Existing System Normal Maintenance Related Shut Down
2	132kV S.M.Nagar-Comilla -2 TL			08:00 to 16:00 HRS	for annual bay maintenance work	Existing System Normal Maintenance Related Shut Down
3	132kV Aizawl-kumarghat TL			Cont. SD 08:00 to 16:00 Hrs	Railway diversion work at Sairang involving tower erection and stringing workof loc no. 22.	Existing System Improvement Related Shut Down.
4	132kV Aizawl Jiribam TL			08:00 to 16:00 HRS	Installation of Tr. Line Arrestors at identified locations	Existing System Normal Maintenance Related Shut Down
5	132kV Aizawl Kolasib TL			08:00 to 16:00 HRS	infringement clearance at loc no. 127,123, 131,147, 92, 99-102	Existing System Normal Maintenance Related Shut Down
6	132 KV Jiribam - Loktak # 2 TL			Cont. SD 08:00 to 16:00 Hrs	Shifting of existing tower 241 & repairingf of tower loc.82 threatened by landslide. (Shutdown already approved in 146th OCCM)	Existing System Improvement Related Shut Down.
7	132KV S/C Pare- Ranganadi TL			08:00 to 16:00 HRS	For OPGW Installation work from existing alignment to new alignment from loc no 58 to 63 and Earth cutting work in between loc 49 to 50 & 62 to 63 for adequate ground clearance.	Existing System Improvement Related Shut Down.
8	132kV Khandong - Khlehriat Ckt # 2 TL			Cont. SD 08:00 to 16:00 Hrs	(i) Overhauling of Circuit breaker at Khandong PH by OEM. ** PGCIL is forced to take continuous line shutdown since, Buscouper bay at Khandong is not free as reported by NEEPCO Khandong maintenance team. *** If bus coupler at khandong becomes free, than line shutdown shall not be required. (Shutdown already approved in 146th OCCM)	Existing System Improvement Related Shut Down.
220kV Transmission lines						
9	220kV Misa - Byrnihat #1			08:00 to 16:00 Hrs	Beam erection and high level isolator errection work under NERSS - IV construction project	New Construction Related Shut Down
10	220kV Misa - Old Mariani			08:00 to 16:00 Hrs	Diversion of line through pipe bus work under NERSS - IV construction project	New Construction Related Shut Down
11	220kV Misa - Dimapur # 1			08:00 to 16:00 Hrs	Replacement of existing Telk Make CB(more theas 25yrs age) with new Seimens breakers), work shall involve Retrofitting of CB,dismantling,erection and testing works. From 28th Aug to 31 st Aug . 220kV Misa - Dimapur # 1 shall remain charged via Bus Coupler, hence BUS-A at Misa shall operate as Transfer Bus.	Existing System Improvement Related Shut Down.
12	220 kV Misa - Kopili #2			08:00 to 16:00 Hrs	Replacement of existing Telk Make CB(more theas 25yrs age) with new Seimens breakers), work shall involve Retrofitting of CB,dismantling,erection and testing works. From 04th Sep to 07th Sep , 220 kV Misa- Kopili#2 shall remain charged via Bus Coupler, hence BUS-A at Misa shall operate as Transfer Bus.	Existing System Improvement Related Shut Down.
13	220kV Balipara - Sonabil TL			08:00 to 16:00 Hrs	Jumper tightening works	Existing System Normal Maintenance Related Shut Down
400kV Transmission lines						
14	400kV Balipara-Biswanath Ch'li # 1 along with reactor			Cont. SD 08:00 to 16:00 Hrs	Replacement of old/obsolete line isolators with new isolators	Existing System Improvement Related Shut Down.
15	400kV Balipara-Biswanath Ch'li # 2 along with reactor			Cont. SD 08:00 to 16:00 Hrs	Replacement of old/obsolete line isolators with new isolators	Existing System Improvement Related Shut Down.
800 kV HVDC Biswanath Chariali						
16	800 kV HVDC Biswanath Chariali -Agra Pole-1			08:00 to 16:00 Hrs	Erection of new tower at loc.118 on Pile foundation. Existing tower 118 is required to be shifted on Pile following erosion by river Mansiri. (Shutdown already approved in 146th OCCM)	New Construction Related Shut Down
132kV Nirjuli Substation						
17	132/33kV 50 MVA ICT-I			08:00 to 16:00 Hrs	AMP of ICT and associated Bay .	Existing System Normal Maintenance Related Shut Down
18	132kV Main Bus			06:00 to 16:00 Hrs	Replacement of old/obsolete Bus isolators with new Bus isolators via which Bus PT connected to Main Bus . (All elements of Nirjuli SS shall remain under SD).	Existing System Improvement Related Shut Down.
220kV Samaguri Substation (ASSAM)						
19	220KV Misa - Samaguri #1 & 220KV Misa - Samaguri # 2 220KV Bus-2 at Samaguri Substation.			08:00 to 16:00 Hrs	Isolator replacement works of Bus - B isolator of Samaguri # 1 bay at Smaguri Substation. 220KV Bus-2 shall be out at Samaguri Substation. ** Shutdown to be approved after consent of AEGCL, Samaguri.	Existing System Improvement Related Shut Down.
20	220KV Misa - Samaguri #1 & 220KV Misa - Samaguri # 2 220KV Bus-2 at Samaguri Substation.			08:00 to 16:00 Hrs	Isolator replacement works of Bus - B isolator of Samaguri # 2 bay at Smaguri Substation. 220KV Bus-2 shall be out at Samaguri Substation. ** Shutdown to be approved after consent of AEGCL, Samaguri.	Existing System Improvement Related Shut Down.
220kV Misa Substation						
21	3X105MVA ICT#1 along with 220kV Bus-B			08:00 to 16:00 Hrs	Beam erection and high level isolator errection work under NERSS - IV construction project	New Construction Related Shut Down
22	220kV Bus-A			08:00 to 16:00 Hrs	Pipe Bus erection work under NERSS - IV construction project	New Construction Related Shut Down
23	220kV Bus-B			08:00 to 16:00 Hrs	Pipe Bus erection work under NERSS - IV construction project	New Construction Related Shut Down
400 kV Bongaigaon S/s						
24	400KV Azara Main Bay			08:00 to 16:00 Hrs	AMP of Bay Equipments . There shall be not outage of elements.	Existing System Normal Maintenance Related Shut Down
25	400KV Azara ckt Line Reactor			08:00 to 16:00 Hrs	AMP of Reactor . Line shall remain in service.	Existing System Normal Maintenance Related Shut Down
26	400KV Balipara ckt 4 Main Bay			08:00 to 16:00 Hrs	AMP of Bay Equipments . There shall be not outage of elements.	Existing System Normal Maintenance Related Shut Down
27	400KV Alipurduar Ckt 2 Main Bay			08:00 to 16:00 Hrs	AMP of Bay Equipments . There shall be not outage of elements.	Existing System Normal Maintenance Related Shut Down
220 kV Dimapur Substation						
28	100MVA 220/132kV ICT 2			08:00 to 16:00 Hrs	CT Tan delta testing. CB timing & DCRM . Transformer bushing tan delta	Existing System Normal Maintenance Related Shut Down
132 kV Imphal Substation						
	132kV Main Bus			08:00 to 16:00 Hrs	for replacement of existing main bus conductor by twin zebra conductor under the project NERSS IV	Existing System Improvement Related Shut Down.
132 kV Roing Substation						
	132 kV 20 MVAR Bus Reactor			Cont. SD 08:00 to 16:00 Hrs	For off line drying out	
400kV Balipara Substation						
29	400 kV Bongaigaon - 4 63 MVAR Line Reactor			Cont. SD 08:00 to 16:00 Hrs	For off line drying out (Shutdown already approved in 146th OCCM)	Existing System Normal Maintenance Related Shut Down
30	400 kV 50 MVAR Bus Reactor - 1			Cont. SD 08:00 to 16:00 Hrs	For off line drying out (Shutdown already approved in 146th OCCM). The Reactor is more than 20 years old & drying out is required for life enhancement of the reactor.	Existing System Improvement Related Shut Down.
31	400kV ICT #2 and BR#2 Tie Bay			08:00 to 16:00 Hrs	AMP of Bay Equipments . There shall be not outage of elements.	Existing System Normal Maintenance Related Shut Down
32	400kV BR # 1Main Bay			08:00 to 16:00 Hrs	AMP of Bay Equipments . There shall be not outage of elements.	Existing System Normal Maintenance Related Shut Down
33	400kV BNC# 3 and Bong# 1 Tie bay			08:00 to 16:00 Hrs	AMP of Bay Equipments . There shall be not outage of elements.	Existing System Normal Maintenance Related Shut Down
34	400kV Kameng # 2 and Bong# 3 Tie bay			08:00 to 16:00 Hrs	AMP of Bay Equipments . There shall be not outage of elements.	Existing System Normal Maintenance Related Shut Down
35	400kV Kameng # 2 Main bay			08:00 to 16:00 Hrs	AMP of Bay Equipments . There shall be not outage of elements.	Existing System Normal Maintenance Related Shut Down
36	220/132kV 50MVA ICT 1			Cont. SD 08:00 to 16:00 Hrs	Replacement of ICT with new 160 MVA ICT under NERSS-III construction project (Shutdown already approved in 146th OCCM)	New Construction Related Shut Down
37	400kV Kameng # 1 Main bay			08:00 to 16:00 Hrs	AMP of Bay Equipments . There shall be not outage of elements.	Existing System Normal Maintenance Related Shut Down
38	400kV Kameng # 1 and Bong# 4 Tie bay			08:00 to 16:00 Hrs	AMP of Bay Equipments . There shall be not outage of elements.	Existing System Normal Maintenance Related Shut Down
39	4X105 MVA 400/220 kV ICT #1			08:00 to 13:00 Hrs	Change over of ICT bank unit and testing of turret CTs	Existing System Normal Maintenance Related Shut Down
400kV Silchar Substation						
40	400 kV Bus-1 & 400 Kv Silchar- Byrnihat Line			08:00 to 16:00 HRS	The s/d is required for testing of Bus Bar Relay of Bus B associated with new consucted ICT#3 Tie Bay under NERSS project. All equipments will be in service via Bus-2 except Byrnihat line.	Existing System Improvement Related Shut Down.
	ASSAM					
41	220KV Samaguri-Mariani line II line			08:00 to 16:00hrs	Line maintenance.	
42	220KV Mariani Main Bus line			08:00 to 17:00hrs	Bus isolator maintenance.	
43	220KV Samaguri-Sarusajai line I			07:00 to 16:00hrs	Replacement of Bus isolator under PSDF scheme	
44	220KV Samaguri-Sarusajai line II			07:00 to 16:00hrs	Replacement of Bus isolator under PSDF scheme	
45	220KV Samaguri Bus II line			07:00 to 16:00hrs	Replacement of Bus isolator under PSDF scheme	
46	220KV Agia-Boko line			08:00 to 17:00hrs	Line maintenance.	
47	220KV Agia-Mirza line			08:00 to 17:00hrs	Line maintenance.	
48	220KV BTPS-Agia-I line			08:00 to 17:00hrs	Line maintenance.	
49	220KV BTPS-Agia-II line			08:00 to 17:00hrs	Line maintenance.	
50	132KV Pailapool-Srikona line			07:00 to 17:00hrs	Replacing existing panel by SAS under PSDF	
51	132KV Srikona-Silchar(PG)-I line			07:00 to 17:00hrs	Replacing existing panel by SAS under PSDF	
52	132KV Srikona-Silchar(PG)-II line			07:00 to 17:00hrs	Replacing existing panel by SAS under PSDF	
53	220KV Tinsukia-Kathalguri-I line			08:00 to 16:00hrs	Preventive maintenance	
54	220KV Tinsukia-Kathalguri-II line			08:00 to 16:00hrs	Preventive maintenance	
55	132kV Hailakandi-Dullaycherra line			09:00 to 16:30hrs	For line maintenance. Dullaycherra may be allowed to draw power from Dharmanagar(TR) end	
56	132kV Panchgram-Hailakandi line			09:00 to 16:30hrs	For line maintenance. Availability of 132kV Panchgram-Badarpur(PG) is sought during S/D period.	
57	132kV Golaghat –Bokajan line			08:00 to 16:00hrs	For corridor clearance maintenance. Connectivity of Bokajan-Dimapur will be required during the shutdown period	
58	132kV Mariani - Golaghat line			08:00 to 16:00hrs	Corridor clearance maintenance. Connectivity of Bokajan-Dimapur will be required during the shutdown period	
	MEGHALAYA					
59	220 kV Misa - Byrnihat D/C line			09.00 hrs to 16:00 hrs	Jungle clearance and maintenance work	
60	132 kV Umtru - Sarusajai D/C line			09.00 hrs to 16:00 hrs	Jungle clearance and line maintenance work	
61	132 kV Umtru - Kahelipara D/C line			09.00 hrs to 16:00 hrs	Jungle clearance and line maintenance work	
	OTPC					
62	132KV Palatana-Udaipur			8.00 HRS to 17.00 HRS	Line Protection testing / Bay Maintenance	
63	125MVA 400/132kV ICT #1			7.00 HRS to 17.00 HRS	Maintenance /Isolator Hot Sport and Protection testing	
64	400KV Palatana-SilcharLine # 1			7.00 HRS to 17.00 HRS	For Hot Spot Rectification & Line #1 Protection testing	
66	132KV Palatana - SMNagar			8.00 HRS to 17.00 HRS	Line Protection testing	
67	400KV BUS #2			7.00 HRS to 17.00 HRS	For Hot Spot Rectification	
68	400KV Palatana - Silchar Line #2 Shutdown			8.00 HRS to 17.00 HRS	Line #2 Protection testing & Hot spot rectification work	
	TRIPURA					
69	132 KV T/L P.K BARI TO DHARMANAGAR			09.00 to 15.00 Hrs	PRE-PUJA SHUT DOWN	
70	132 KV T/L UDAIPUR TO PALATANA			09.00 to 15.00 Hrs	PRE-PUJA SHUT DOWN	
71	132 KV T/L P.K BARI TO DHARMANAGAR			09.00 to 15.00 Hrs	PRE-PUJA SHUT DOWN	
72	132 KV T/L DHARMANAGAR TO CHURAIBARI (DurBaycherra)			09.00 to 15.00 Hrs	PRE-PUJA SHUT DOWN	
73	132 KV GRID SUB-STATION,79 TILLA, (Section 3) WITH 132 KV T/L AGT - SM NAGAR L 1 & 2, AGT - BUDHJUNGNAGAR L 1 & 2, & AGT – RC.NAGAR L 2			09.00 to 15.00 Hrs	PRE-PUJA SHUT DOWN	
74	132 KV T/L UDAIPUR TO PALATANA			09.00 to 15.00 Hrs	PRE-PUJA SHUT DOWN	
75	132 KV T/L DHARMANAGAR TO CHURAIBARI(DurBaycherra)			09.00 to 15.00 Hrs	PRE-PUJA SHUT DOWN	
76	132 KV T/L P.K BARI TO KUMARGHAT (Power Grid Line)			09.00 to 15.00 Hrs	PRE-PUJA SHUT DOWN	
77	132 KV T/L P.K BARI TO DHARMANAGAR			09.00 to 15.00 Hrs	PRE-PUJA SHUT DOWN	
78	132 KV T/L P.K BARI SUB - STATION MAIN BUS			09.00 to 15.00 Hrs	PRE-PUJA SHUT DOWN	
79	132 KV GRID SUB-STATION,79 TILLA, (Section 1 & 2) WITH 132 KV T/L AGT - KOKHA L 1 & 2, AGT - DHALABILL & AGT – RC NAGAR L 1	S/D on 25.09.2018		09.00 to 15.00 Hrs	PRE-PUJA SHUT DOWN	

Continuous Shut down Daytime Shutdown