

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Apr/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	134.544	1735.634	1) Gujrat	0.723	12.928
2) Hydro	36.771	217.986	2) Madhya Pradesh	17.457	191.357
3) Gas	6.900	79.824	3) Chattisgarh	3.830	52.030
Total MSPGCL	178.215	2033.444	4) Maharashtra	125.418	1418.460
B) 1) APLM	62.211	887.090	5) Goa (Amona)	-0.528	-5.874
2) JSWEL	26.771	282.108	Total	146.900	1668.901
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.019	344.470
4) RPL(AMT)	12.953	141.944	b) Mumbai Drawl	28.774	362.956
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	22.420	180.175
6) Other IPP	13.752	163.363	Include PX	-2.220	-85.560
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.019	344.470
C) 1) TPCL Thermal	16.824	177.244	Include PX	21.113	238.281
2) TPCL Hydro	5.184	45.800	Standby	0.000	0.000
3) TPCL Gas	4.238	49.716	H) ENERGY CATERED (MUs)		
4) AEML Thermal	12.001	126.047	1) MSEDCL	434.428	5109.395
D) STATE			2) Mumbai Discoms	67.026	761.772
1) Thermal	279.056	3513.430	TOTAL STATE	501.454	5871.167
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	41.955	263.786			
3) Gas (A3+B7+C3)	11.138	129.540			
4) Wind	15.592	210.477			
6) SOLAR	6.808	85.024			
TOTAL STATE	354.549	4202.257			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5725	6031	5258	5685
MSPGCL Hydro	1273	1863	1894	1151
MSPGCL Gas	281	269	285	293
MSPGCL Total Generation	7279	8163	7437	7129
Central Sector Receipt	6675	6374	6553	5671
WIND	751	377	403	705
CPP / IPP Thermal	4820	4943	4781	4603
CPP / IPP Gas	0	0	0	0
SOLAR	950	762	0	0
Exchange with Mumbai	-1589	-1507	-1183	-707
MSEDCL DEMAND MET	18886	19112	17991	17401
Load Shedding	12	12	12	0
MSEDCL DEMAND	18898	19124	18003	17401
TPCL GENERATION	1276	1292	1323	836
AEML GENERATION	501	500	500	500
MUMBAI DEMAND	3366	3299	3006	2043
STATE DEMAND MET	22252	22411	20997	19444
STATE DEMAND	22264	22423	21009	19444
Frequency (Hz)	49.99	49.92	49.96	49.90

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 08.02 Hrs	49.65 Hz at 15.30 Hrs	49.97	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 12/Apr/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.26	47.00	200	145
Unit 7	0.00	0.00	0	0
Unit 8	8.57	104.10	450	287
Unit 9	0.00	0.00	0	0
Unit 10	10.68	122.24	514	350
Total	23.51	273.34		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	4.02	107.18	500	0
Unit 5	11.72	132.13	505	440
Total	15.74	239.31		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	4.41	63.63	246	0
Total	4.41	63.63		
Chandrapur				
Unit 3	4.44	50.53	195	148
Unit 4	4.26	52.39	188	149
Unit 5	9.82	118.99	415	403
Unit 6	0.00	0.00	0	0
Unit 7	10.52	126.39	448	410
Unit 8	8.85	125.89	473	0
Unit 9	8.12	131.79	475	0
Total	46.02	605.97		
Paras				
Unit 3	6.03	69.16	255	247
Unit 4	6.00	69.29	256	240
Total	12.03	138.44		
Khaparkheda				
Unit 1	2.22	42.98	120	0
Unit 2	3.90	33.90	170	150
Unit 3	2.16	49.98	190	0
Unit 4	4.22	50.44	185	160
Unit 5	11.05	131.46	500	420
Total	23.55	308.77		
Nasik				
Unit 3	0.05	0.05	34	0
Unit 4	4.43	53.21	210	0
Unit 5	4.80	52.91	207	192
Total	9.28	106.17		
Uran				
All Units	6.90	79.82	304	269
Total	6.90	79.82		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.06	1.48	19	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	1.48		
Koyna				
Stage 1-2	7.85	69.64	535	40
Stage 4	18.55	75.54	1000	337
Stage 3	5.38	31.87	320	150
Total	31.77	177.05		
Hydro				
KDPH	0.86	10.31	36	36
VTRNA	0.91	11.49	61	0
TILLARI	0.64	5.65	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	2.37	40	0
RNGR+BHTSA	0.28	3.40	12	11
BHANDARDRA	0.00	0.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.36	4.68	16	15
GHATGHAR	1.60	2.41	250	0
Total	5.00	40.94		
Wind				
Total	15.59	210.48	0	0
Total	15.59	210.48		
CPP				
APML(Mus)	62.21	887.09	0	0
JSWEL(Mus)	26.77	282.11	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	12.95	141.94	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	13.75	163.36	0	0
Total	115.69	1474.50		
SOLAR				
Total	6.81	85.02	0	0
Total	6.81	85.02		
Tata				
Trombay 5	11.18	115.28	481	436
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.68	31.40	117	75
Trombay 7B	1.56	18.31	67	54
Trombay 8	5.64	61.96	239	232
TATA Hydro	5.18	45.80	456	9
Total	26.25	272.76		
AEML				
DTPS U-1&2	12.00	126.05	502	498
Total	12.00	126.05		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	134.54	1735.63	MSPGCL Total	178.22	2033.44
			MSPGCL Thml+Gas	141.44	1815.46	Koyna 1,2 & 4 Total	26.40	145.18
			MSPGCL Hydro	36.77	217.99	State Total	354.55	4202.26

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/Apr/2019

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5787	1722	290	7799	684	4818	0	0	5898	5657	-1148	17810	0	17810	2610	20420	49.99
2	5775	1674	292	7741	800	4878	0	0	5626	5689	-949	18159	0	18159	2372	20531	50.00
3	5730	1180	304	7214	718	4885	0	0	5679	5426	-829	17414	0	17414	2210	19624	50.03
4	5695	954	294	6943	745	4661	0	0	5862	5805	-738	17416	0	17416	2094	19510	50.03
5	5685	1151	293	7129	705	4603	0	0	5910	5671	-707	17401	0	17401	2043	19444	49.90
6	5799	1739	303	7841	623	4608	0	0	6029	5923	-769	18226	0	18226	2096	20322	49.92
7	5673	2229	294	8196	607	4929	0	19	6045	6002	-764	18989	0	18989	2165	21154	49.92
8	5737	1421	294	7452	443	4743	0	170	6487	6540	-922	18426	0	18426	2326	20752	50.01
9	5669	1398	302	7369	541	4837	0	454	6228	6280	-1179	18302	0	18302	2630	20932	50.07
10	5601	1421	278	7300	920	4817	0	684	6323	6152	-1331	18542	0	18542	2981	21523	50.02
11	5774	1028	284	7086	867	4829	0	837	6469	6297	-1473	18443	0	18443	3240	21683	49.98
12	5725	1273	281	7279	751	4820	0	950	6546	6675	-1589	18886	12	18898	3366	22264	49.99
13	5733	1158	281	7172	613	4804	0	930	6557	6408	-1560	18367	12	18379	3338	21717	50.00
14	5915	1145	279	7339	425	4865	0	930	6438	6389	-1475	18473	12	18485	3214	21699	49.94
15	6031	1863	269	8163	377	4943	0	762	6389	6374	-1507	19112	12	19124	3299	22423	49.92
16	5516	2019	278	7813	351	4767	0	499	6371	6844	-1535	18739	12	18751	3345	22096	49.91
17	5088	2186	281	7555	397	4703	0	412	6499	7022	-1492	18597	12	18609	3301	21910	49.98
18	5050	1888	283	7221	407	4727	0	150	6645	6629	-1366	17768	12	17780	3186	20966	50.02
19	5076	1480	284	6840	335	4650	0	11	6511	6307	-1236	16907	12	16919	3044	19963	49.95
20	5258	1894	285	7437	403	4781	0	0	6370	6553	-1183	17991	12	18003	3006	21009	49.96
21	5479	1614	287	7380	672	4889	0	0	5808	5838	-1246	17533	12	17545	2887	20432	49.97
22	5706	1176	287	7169	1149	5002	0	0	5441	5200	-1221	17299	12	17311	2774	20085	49.94
23	5526	1519	288	7333	1097	5028	0	0	5522	5484	-1281	17661	12	17673	2753	20426	49.96
24	5516	1639	289	7444	962	5100	0	0	5649	5735	-1274	17967	12	17979	2741	20720	49.96
MUs	134.54	36.77	6.90	178.21	15.59	115.69	0.00	6.81	147.30	146.90	-28.77	434.43	0.16	434.58	67.02	501.60	49.97

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 12/Apr/2019

Position as on 6.30 Hrs of 13/Apr/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 7	250	12/12/2018	00.00		Continued.	Zero Schedule. (From Dt-27/01/2019 Converted Zero sch to AOH) and (from dt-15/02/2019 Converted AOH to Zero sch by MSEDCL)	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit B0	120	08/09/2018	12.19		Continued.	T/F Shifting Work.	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn Due To B0 & U-7	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Zero Schedule.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	RPL(AMT) U-5	270	28/12/2018	19.30		Continued.	Zero Schedule.	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	09/01/2019	19.30	12/04/2019	22.10	Zero Schedule	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	19/01/2019	18.21		Continued.	Poor Coal Receipt	
MSPGCL	Chandrapur Unit 6	500	20/02/2019	22.07		Continued.	Rotor Earth Fault	
MSPGCL	Koradi Unit 9	660	31/03/2019	15.13		Continued.	Furnace Pressure High	
IPP	RPL(AMT) U-1	270	06/04/2019	00.00	12/04/2019	22.58	No Schedule By MSEDCL.	
MSPGCL	Bhusawal Unit 4	500	10/04/2019	12.44	12/04/2019	12.45	Boiler Tube Leakage	
IPP	Adani U-2	660	11/04/2019	11.08		Continued.	Boiler stop valve bonnet leakage	
MSPGCL	Parli Unit 8	250	12/04/2019	06.11	12/04/2019	11.15	Drum level High.	
MSPGCL	Khaparkheda Unit 1	210	12/04/2019	08.35	12/04/2019	09.56	AIR FLOW LOW PROTECTION.	
MSPGCL	Khaparkheda Unit 3	210	12/04/2019	12.25		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 12/Apr/2019

Position as on 6.30 Hrs of 13/Apr/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit-8	500	12/04/2019	15.24	12/04/2019	19.17	BUS BAR OPERATED AT CHANDRAPUR 2 S/S & DUE TO HEAVY ELECTRICAL JERK.	
IPP	Dhariwal	300	12/04/2019	15.25	12/04/2019	19.14	BUS BAR OPERATED AT CHANDRAPUR 2 S/S & DUE TO HEAVY ELECTRICAL JERK.	
MSPGCL	Chandrapur Unit 9	500	12/04/2019	15.25	12/04/2019	20.49	BUS BAR OPERATED AT CHANDRAPUR 2 S/S & DUE TO HEAVY ELECTRICAL JERK.	
MSPGCL	Nasik Unit 4	210	12/04/2019	21.35		Continued.	R PHASE CT CUBAICAL BURST	
MSPGCL	Khaparkheda Unit 1	210	12/04/2019	21.59		Continued.	AIR FLOW LOW PROTECTION.	
MSPGCL	Uran Unit 5	108	13/04/2019	06.05	13/04/2019	08.01	Damper Discrepancy	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 12/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 13/Apr/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Tripping							
Koradi-III - Akola-II ckt-I	IntraState	12/04/2019	09.43	12/04/2019	12.27	PO	SF6 Gas Analysis Breakers.
765 KV ICT Outages/Tripping							
765/400KV 1500MVA ICT II @ Ektuni	IntraState	12/04/2019	11.50	12/04/2019	15.08	PO	Testing Work & Routine Maintenance Work.
400 KV LINE Outages/Tripping							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Dhule Sar'Sarovar I	InterState	10/04/2019	17.54		Continued.	HT	Over Voltage
Dabhol New koyna I	InterState	12/04/2019	11.06	12/04/2019	12.53	EO	LE Scheme.
Dabhol Nagothane I	InterState	12/04/2019	13.17	12/04/2019	20.30	PO	Insulator String Replacement & Cold Washing Work.
Chandrapur Bhadravati IV	InterState	12/04/2019	14.33	12/04/2019	17.02	T	DT RECEIVED C.B ON AT CHANDRAPUR END.
Lamboti - Solapur (PG)	InterState	12/04/2019	18.26	12/04/2019	19.13	T	Distance Protection B-Ph, E/F.
Bhusawal-Aurangabad	IntraState	11/04/2019	20.13	12/04/2019	11.32	HT	Over Voltage
Deepnagar Taptitanda	IntraState	12/04/2019	06.52	12/04/2019	14.41	PO	Routine Maintenance Work
Karad - Talandge Ckt 2	IntraState	12/04/2019	09.09	12/04/2019	15.16	PO	Replacement Of Faulty Insulator String Found In PID.
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	12/04/2019	11.59	13/04/2019	03.33	T	Over Voltage
Deepnagar - Aurangabad	IntraState	12/04/2019	12.50	12/04/2019	13.29	T	Due To DC Leakage.
Girwali - Lonikand 1	IntraState	12/04/2019	17.48	13/04/2019	02.55	EO	Retrofitting of Distance Relay.
Bhusawal-Aurangabad	IntraState	12/04/2019	18.00		Continued.	HT	Over Voltage
Chandrapur-Parali III	IntraState	12/04/2019	18.18		Continued.	T	Distance Protection
400 KV ICT Outages/Tripping							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	26/03/2019	11.02		Continued.	PO	Overhauling work
400/220kv 315 Mva ICT II @Karad	IntraState	08/04/2019	09.03	12/04/2019	18.56	PO	OLTC Overhauling Work.
400/220KV 500MVA ICT1@koradi 2	IntraState	12/04/2019	07.30	12/04/2019	13.49	PO	Testing Work
400/220/33 Kv 315 MVA ICT-II @Waluj	IntraState	12/04/2019	12.50	12/04/2019	13.19	T	Due To DC Leakage.
400/220/33 Kv 315 MVA ICT-I @Waluj	IntraState	12/04/2019	12.50	12/04/2019	13.17	T	Due To DC Leakage
400/220/33 Kv 500 Mva Ict 1 @Chandrapur 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 Are Damaged.
220 KV LINE Outages/Tripping							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Borivali - Tarapur	InterState	12/04/2019	09.10	12/04/2019	18.00	PO	Testing Work
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of Conductor Loc No 86 Disconnecting of Jumper At Loc No 86 & 107 And De-energising The Line Bet.86 To 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	For Bunching of Conductor At Loc No.86 Disconnecting of Jumper At Loc No.86 To 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading.
Kalwa - Mulund 2	IntraState	11/04/2019	04.44	12/04/2019	10.05	EO	Red Hot Spot Attending Work.
BHUGAON WARORA CKT-II	IntraState	11/04/2019	22.25	12/04/2019	01.54	T	BHUGAON=Distance Protection operated, 1.5KM,IF=15KA,B-E Wrore=Distance Protection operated, B-E,Z1.65.3KM,2.36KA.

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 12/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 13/Apr/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Jamde-Dondaicha 2	IntraState	12/04/2019	06.41	12/04/2019	09.45	PO	TAN DELTA MEASUREMENT OF CT, TAN DELTA OF CT BAY MAINTENANCE WORK.
Badnera - Nandgaonpeth	IntraState	12/04/2019	08.27	12/04/2019	12.12	PO	ATTENDING HOT SPOT ON LINE AND LINE SIGNATURE ANALYSIS.
Sawantwadi-Bidri	IntraState	12/04/2019	09.10	12/04/2019	18.00	PO	For Insulator Cleaning.
Temghar - Kalwa	IntraState	12/04/2019	09.47	12/04/2019	17.29	PO	Testing Work & Attending Hot Spot.
Uran - Jnpt	IntraState	12/04/2019	11.25	12/04/2019	15.52	PO	Flash Over String Replacement.
Bhugaon-WardhaPG (Deoli)	IntraState	12/04/2019	11.40	12/04/2019	13.33	PO	Y-PHASE LA REPLACEMENT.
Dhule-Chalisagaon	IntraState	12/04/2019	11.57	12/04/2019	12.42	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.
220/110 Kv 200 MVA ICT-III @Kolhapur-II (Mudshingi)	IntraState	05/04/2019	10.03		Continued.	PO	Quarterly Maintainance Work
220/132 Kv 200 Mva Vijay Ict 2 @Chalisgaon	IntraState	12/04/2019	07.48	12/04/2019	10.33	PO	TO CHANGE OIL OF OLTC.
220/132kV 150MVA ICT-II @ Bhenda	IntraState	12/04/2019	08.48	12/04/2019	20.05	PO	For R PH LV Bushing And Oil Filtration Work.
220/33KV 50MVA T/F -II @BoiserII	IntraState	12/04/2019	14.44	12/04/2019	17.22	PO	Earthing Work.
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	07/03/2019	15.40		Continued.	HT	Hand trip Form Pench end for system requirment.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.
Lupin -Boiser	IntraState	11/04/2019	19.25	12/04/2019	21.25	T	Y-Phase CT & Breaker Brust Due To Which BB Operated.
lol - Boisar Midc	IntraState	11/04/2019	21.00	12/04/2019	02.53	T	Y-Phase CT Smoke Observed, Hence 100 MW Load Curt led.

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage