

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Sep/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	89.124	1699.090	1) Gujrat	14.507	275.523
2) Hydro	7.619	344.316	2) Madhya Pradesh	3.410	63.321
3) Gas	3.387	42.781	3) Chattisgarh	2.430	55.320
Total MSPGCL	100.130	2086.187	4) Maharashtra	131.695	2407.442
B) 1) APML	54.000	1015.625	5) Goa (Amona)	-0.550	-14.366
2) JSWEL	15.622	435.769	Total	151.492	2787.240
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.241	511.280
4) RPL(AMT)	21.227	428.878	b) Mumbai Drawl	35.188	650.080
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	17.129	312.807
6) Other IPP	2.736	57.206	Include PX	3.436	42.986
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.241	511.280
C) 1) TPCL Thermal	13.045	267.758	Include PX	15.162	230.577
2) TPCL Hydro	4.566	91.323	Standby	0.000	0.000
3) TPCL Gas	0.000	7.884	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.223	185.765	1) MSEDCL	331.587	7004.853
D) STATE			2) Mumbai Discoms	58.021	1202.801
1) Thermal	200.977	4090.091	TOTAL STATE	389.608	8207.654
(A1+C1+C4+(B1-B6))					
2) Hydro	12.185	435.639			
(A2+C2)					
3) Gas	3.387	50.665			
(A3+B7+C3)					
4) Wind	15.292	756.543			
6) SOLAR	6.276	87.485			
TOTAL STATE	238.117	5420.423			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 17 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3535	3701	3732	3749
MSPGCL Hydro	312	254	964	121
MSPGCL Gas	142	174	195	121
MSPGCL Total Generation	3989	4129	4891	3991
Central Sector Receipt	7123	6743	6918	4819
WIND	701	683	694	623
CPP / IPP Thermal	3943	4093	4360	3602
CPP / IPP Gas	0	0	0	0
SOLAR	813	336	0	0
Exchange with Mumbai	-2070	-1933	-1385	-781
MSEDCL DEMAND MET	14499	14051	15478	12254
Load Shedding	0	0	0	0
MSEDCL DEMAND	14499	14051	15478	12254
TPCL GENERATION	626	666	1106	721
AEML GENERATION	190	190	249	249
MUMBAI DEMAND	2886	2789	2740	1751
STATE DEMAND MET	17385	16840	18218	14005
STATE DEMAND	17385	16840	18218	14005
Frequency (Hz)	50.02	50.04	50.03	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 15.01 Hrs	49.64 Hz at 18.40 Hrs	49.99	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 21/Sep/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	10.19	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	7.41	112.84	332	252
Unit 10	7.21	85.20	350	210
Total	14.63	208.24		
Bhusawal				
Unit 3	0.00	2.92	0	0
Unit 4	9.72	199.90	475	340
Unit 5	0.00	0.00	0	0
Total	9.72	202.82		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	85.81	0	0
Unit 7	4.75	102.02	234	169
Unit 8	0.00	0.00	0	0
Total	4.75	187.83		
Chandrapur				
Unit 3	2.57	4.88	150	50
Unit 4	3.12	60.35	150	87
Unit 5	5.69	139.90	263	190
Unit 6	7.07	137.95	309	275
Unit 7	0.00	0.00	0	0
Unit 8	6.90	122.39	355	0
Unit 9	8.28	147.82	400	285
Total	33.63	613.30		
Paras				
Unit 3	3.55	46.89	187	115
Unit 4	0.00	0.00	0	0
Total	3.55	46.89		
Khaparkheda				
Unit 1	0.00	34.17	0	0
Unit 2	2.61	3.52	120	100
Unit 3	3.54	54.53	162	135
Unit 4	3.48	72.65	160	135
Unit 5	5.48	148.64	230	220
Total	15.12	313.51		
Nasik				
Unit 3	3.86	48.78	173	149
Unit 4	3.88	42.01	176	147
Unit 5	0.00	35.72	0	0
Total	7.74	126.51		
Uran				
All Units	3.39	42.78	229	40
Total	3.39	42.78		
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)	1.27	15.90	54	50

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.27	15.90		
Koyna				
Stage 1-2	2.64	61.06	475	40
Stage 4	0.39	151.52	297	0
Stage 3	1.30	64.60	160	0
Total	4.32	277.18		
Hydro				
KDPH	0.89	17.54	37	37
VTRNA	0.00	0.00	0	0
TILLARI	0.61	12.25	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.37	7.97	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	7.23	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.57	18.61	25	23
GHATGHAR	0.51	3.54	215	0
Total	3.29	67.14		
Wind				
Total	15.29	756.54	0	0
Total	15.29	756.54		
CPP				
APML(Mus)	54.00	1015.62	0	0
JSWEL(Mus)	15.62	435.77	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	21.23	428.88	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.74	57.21	0	0
Total	93.58	1937.48		
SOLAR				
Total	6.28	87.48	0	0
Total	6.28	87.48		
Tata				
Trombay 5	8.74	168.74	447	306
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	4.66	0	0
Trombay 7B	0.00	3.22	0	0
Trombay 8	4.31	99.02	211	0
TATA Hydro	4.57	91.32	449	72
Total	17.61	366.96		
AEML				
DTPS U-1&2	5.22	185.76	250	189
Total	5.22	185.76		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	89.12	1699.09	MSPGCL Total	100.13	2086.19
			MSPGCL Thml+Gas	92.51	1741.87	Koyna 1,2 & 4 Total	3.02	212.58
			MSPGCL Hydro	7.62	344.32	State Total	238.12	5420.42

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/Sep/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	3719	116	137	3972	744	3792	0	0	5344	5209	-1104	12613	0	12613	2046	14659	49.89
2	3685	116	122	3923	685	3628	0	0	5126	5086	-922	12400	0	12400	1899	14299	49.95
3	3697	116	132	3945	598	3606	0	0	4997	4950	-837	12262	0	12262	1806	14068	49.97
4	3749	121	121	3991	623	3602	0	0	5091	4819	-781	12254	0	12254	1751	14005	50.01
5	3705	116	122	3943	636	3592	0	0	5179	5145	-788	12528	0	12528	1732	14260	49.96
6	3797	181	132	4110	607	3844	0	0	5708	5836	-852	13545	0	13545	1824	15369	49.95
7	3978	121	121	4220	660	4094	0	29	7033	6618	-1096	14525	0	14525	1924	16449	49.95
8	3917	122	122	4161	515	3946	0	208	7014	6846	-1264	14412	0	14412	2069	16481	50.03
9	3749	250	131	4130	603	3771	0	500	6914	7016	-1522	14498	0	14498	2331	16829	49.99
10	3540	441	124	4105	704	3758	0	673	6921	6948	-1843	14345	0	14345	2661	17006	50.02
11	3535	312	142	3989	701	3943	0	813	7206	7123	-2070	14499	0	14499	2886	17385	50.02
12	3560	302	180	4042	751	3787	0	786	7238	7085	-2165	14286	0	14286	2973	17259	50.03
13	3581	297	193	4071	567	3658	0	787	6847	6929	-2117	13895	0	13895	2929	16824	50.02
14	3660	363	193	4216	461	3589	0	697	6407	6579	-1978	13564	0	13564	2799	16363	50.00
15	3681	717	152	4550	410	3603	0	778	6471	6572	-1982	13931	0	13931	2815	16746	50.00
16	3731	301	183	4215	506	3816	0	559	6800	6873	-1959	14010	0	14010	2813	16823	50.02
17	3701	254	174	4129	683	4093	0	336	6847	6743	-1933	14051	0	14051	2789	16840	50.04
18	3672	372	181	4225	670	4119	0	106	6747	6497	-1791	13826	0	13826	2745	16571	49.99
19	3783	865	229	4877	815	4230	0	4	6544	6241	-1529	14638	0	14638	2817	17455	49.86
20	3732	964	195	4891	694	4360	0	0	6496	6918	-1385	15478	0	15478	2740	18218	50.03
21	3727	589	40	4356	737	4512	0	0	6489	6470	-1321	14754	0	14754	2619	17373	49.99
22	3756	335	62	4153	683	4264	0	0	6491	6491	-1305	14286	0	14286	2488	16774	50.01
23	3742	124	80	3946	638	4171	0	0	6414	6454	-1306	13903	0	13903	2337	16240	50.02
24	3727	124	119	3970	601	3807	0	0	6046	6044	-1338	13084	0	13084	2229	15313	50.01
MUs	89.12	7.62	3.39	100.13	15.29	93.59	0.00	6.28	152.37	151.49	-35.19	331.59	0.00	331.59	58.02	389.61	49.99

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 21/Sep/2019

Position as on 6.30 Hrs of 22/Sep/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 8	250	04/06/2019	00.00		Continued.	Zero Schedule (converted to AOH from 25/06/2019)	
MSPGCL	Koyana STG- IV Unit - 1	250	18/07/2019	14.30		Continued.	Breaker Air Pressure Problem(Converted for Capital Overhaul from DT.24-07-2019 for 60Days)	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit-8	660	25/08/2019	00.01		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 5	500	25/08/2019	00.13		Continued.	Capital Overhaul	
MSPGCL	Paras Unit 4	250	25/08/2019	00.45		Continued.	Annual Overhaul	
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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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.	No PPA	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
IPP	Dhariwal	300	01/07/2019	00.01		Continued.	No Schedule.	
MSPGCL	Koyana Unit 10	80	05/08/2019	20.05		Continued.	Stator Earth Fault	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(converted to zero schedule from 12.09.2019 at 20.00 hrs)	
IPP	RPL(AMT) U-1	270	01/09/2019	09.11		Continued.	Generator Protection operated	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Uran Unit A0	120	03/09/2019	04.22	22/09/2019	02.54	HP feed water pump fault.	
MSPGCL	Uran Unit 5	108	03/09/2019	04.24	21/09/2019	14.26	boiler discrepancy.	
TPC-G	Trombay 7B	60	03/09/2019	10.42		Continued.	Gas shortage due to fire at ONGC.	
TPC-G	Trombay 7A	120	03/09/2019	10.56		Continued.	Gas shortage due to fire at ONGC.	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule	
MSPGCL	Nasik Unit 5	210	12/09/2019	16.20		Continued.	HP control valve problem.(converted to zero schedule from 16/09/2019	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 21/Sep/2019

Position as on 6.30 Hrs of 22/Sep/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							hrs.)	
MSPGCL	Khaparkheda Unit 1	210	13/09/2019	14.05		Continued.	Poor Coal	
AEML	AEML Unit 1	250	19/09/2019	00:37		Continued.	preparatory work prior to carrying out flexible operation study	
IPP	Adani U-1	660	19/09/2019	01.43		Continued.	Due to Low Coal Stock.	
MSPGCL	Parli Unit 6	250	19/09/2019	06.24		Continued.	Poor Coal Receipt.	
IPP	JSW (J) U1	300	20/09/2019	13.17		Continued.	Condenser badly choked	
MSPGCL	Uran Unit 6	108	21/09/2019	00.26	21/09/2019	17.18	Boiler Discrepancy	
MSPGCL	Chandrapur Unit-8	500	21/09/2019	08.47	21/09/2019	11.22	Furnace Pressure High	
MSPGCL	Uran Unit B0	120	21/09/2019	19.58	22/09/2019	00.05	Control System Malfunction.	
MSPGCL	Uran Unit 8	108	21/09/2019	20.00	21/09/2019	21.54	Boiler Discrepancy	
MSPGCL	Uran Unit 6	108	21/09/2019	20.06	22/09/2019	00.25	Boiler Discrepancy.	
TPC_G	Trombay 8	250	21/09/2019	21.18	22/09/2019	01:13	Loss of fuel	
MSPGCL	Khaparkheda Unit 2	210	22/09/2019	02.16		Continued.	Furnace Pressure High	
MSPGCL	Uran Unit 5	108	22/09/2019	03.16	22/09/2019	21.59	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Sep/2019

Statement-VII

Position as on 6.30 Hrs of 22/Sep/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400KV 1500MVA ICT I @ Aurangabad (Ektuni)	IntraState	21/09/2019	10.10	21/09/2019	20.00	PO	High Insulation Coating Work On ICT Delta Formation.
765/400KV 500MVA SPARE ICT UNIT @ AURANGABAD (EKTUNI)	IntraState	21/09/2019	10.30	21/09/2019	20.00	PO	Line Maintenance work
765/400KV 1500MVA ICT II @ Aurangabad (Ektuni)	IntraState	22/09/2019	10.21	22/09/2019	20.17	PO	Insulation coating work
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Dhule Khandwa II	InterState	10/09/2019	20.20		Continued.	HT	Over Voltage
Dabhol Nagothane I	InterState	21/09/2019	09.26	21/09/2019	16.30	PO	Tree Cutting Work.
Chandrapur-II - Nanded ckt II	IntraState	16/09/2019	08:57		Continued.	PO	Replacement of Broken Spacer cum Damper.(RFC at 18:50 hrs)
Khadka-Aurangabad (Waluj)	IntraState	17/09/2019	17.34	21/09/2019	08.31	HT	Over Voltage
Koradi-Khaperkheda I	IntraState	20/09/2019	10.15		Continued.	T	Distance Protection(RFC 12.45Hrs)
Cahndrapur II - Dhariwal II	IntraState	21/09/2019	08.20	21/09/2019	17.29	PO	Quarterly Maintenance Work
Deepnagar - Aurangabad	IntraState	21/09/2019	12.49	21/09/2019	18.52	PO	Faulty Insulator String Replacement Work.
New Koyna - Dabhol-I	IntraState	21/09/2019	18.29	21/09/2019	19.38	T	Tripped During Restoration of Lonikand Stage 4 Line.
New Koyna - Dabhol - II	IntraState	21/09/2019	18.29	21/09/2019	19.35	T	Tripped During Restoration of Lonikand Stage 4 Line.
Jejuri- Koynastage-IV	IntraState	21/09/2019	18.29	21/09/2019	20.00	T	Tripped During Restoration of Lonikand Stage 4 Line.
New Koyna - Koyna Stage IV-II	IntraState	21/09/2019	18.29	21/09/2019	20.07	T	Tripped During Restoration of Lonikand Stage 4 Line.
New Koyna -Koyna Stage IV-I	IntraState	21/09/2019	18.29	21/09/2019	19.47	T	Tripped During Restoration of Lonikand Stage 4 Line.
Khadka-Aurangabad (Waluj)	IntraState	21/09/2019	19.32		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	22/09/2019	09.41	22/09/2019	18.54	EO	To attend Hot Spot
400 KV ICT Outages/Trippings							
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 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.
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	20/09/2019	16.45	21/09/2019	02.27	EO	To attend Hot Spot
400/132 Kv 200 Mva Ict 1 @Khadka	IntraState	21/09/2019	08.16	21/09/2019	18.58	PO	Bushing Tan-Delta,SFRA, Winding Resistance of ICT And Routine Bay Maintenance.
400/220 Kv 315 Mva Ict -2 @New Koyna	IntraState	21/09/2019	18.29	21/09/2019	19.00	T	Tripped During Restoration of Lonikand Stage 4 Line.
400/220 Kv 315 MVA ICT -I @New Koyna	IntraState	21/09/2019	18.29	21/09/2019	19.00	T	Tripped During Restoration of Lonikand Stage 4 Line.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mahalakshmi Amona	InterState	22/09/2019	13.01	22/09/2019	13.44	T	Distance Protection
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
ALEPHATA UTECH SUGAR	IntraState	19/09/2019	19.24	22/09/2019	02.15	T	Distance Protection
Padgha - Temghar I	IntraState	20/09/2019	06.48	21/09/2019	05.23	HT	Load Management
Padgha-Temghar-II	IntraState	20/09/2019	06.48	21/09/2019	05.22	HT	Load Management
Padghe - Kambha	IntraState	20/09/2019	11.42	21/09/2019	02.48	PO	Insulator Replacement Work
Padghe-Kamba II	IntraState	20/09/2019	11.47	21/09/2019	02.49	PO	Insulator Replacement Work
Padghe - Nalasopara	IntraState	21/09/2019	04.24	21/09/2019	04.44	HT	H/T for shifting A Bus to B Bus at Padghe
Nashik-Padgha	IntraState	21/09/2019	04.51	21/09/2019	04.54	HT	H/T for shifting A Bus to B Bus at

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 21/Sep/2019

Statement-VII

Position as on 6.30 Hrs of 22/Sep/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Padghe
Pusad-WardhaPG(Deoli)	IntraState	21/09/2019	10.49	21/09/2019	18.01	PO	Tightening of Jumper Nut Bolt at LOC.
Eklahara(Gcr)(Nasik)- Bableshtar-I	IntraState	22/09/2019	04.32	22/09/2019	05.03	T	Tripped On PDR At Nashik End Only.
Butibori-Abhijeet	IntraState	22/09/2019	08.40	22/09/2019	08.55	T	Distance Protection
Ghatghar - Bapgaon	IntraState	22/09/2019	11.45	22/09/2019	12.29	T	Distance Protection
Butibori - Purti	IntraState	22/09/2019	17.24		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 kV 200 MVA ICT II @Padghe	IntraState	18/09/2019	16.30	21/09/2019	02:21	HT	Due To Leakage In HV Bushing.
200 MVA 220/132 KV ICT - 2 @VIRODA	IntraState	21/09/2019	11.34	21/09/2019	14.24	PO	Trip Circuit Isolation Testing
200 MVA 220/132 KV ICT - 1 @VIRODA	IntraState	21/09/2019	14.31	21/09/2019	18.59	PO	Trip Circuit Isolation Testing.
132 KV LINE Outages/Trippings							
Boisar li - Viraj	IntraState	22/09/2019	12.05	22/09/2019	13.07	T	Distance Protection

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