

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Nov/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.555	2451.096	1) Gujrat	3.675	69.531
2) Hydro	5.278	189.914	2) Madhya Pradesh	9.531	190.388
3) Gas	10.466	190.936	3) Chattisgarh	6.650	144.750
Total MSPGCL	155.299	2831.946	4) Maharashtra	114.215	2480.008
B) 1) APLM	70.670	1545.568	5) Goa (Amona)	-0.528	-11.044
2) JSWEL	19.072	428.415	Total	133.543	2873.633
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.660	564.390
4) RPL(AMT)	0.000	49.977	b) Mumbai Drawl	29.925	629.840
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	26.909	552.406
6) Other IPP	8.457	175.777	Include PX	0.026	-5.424
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.660	564.390
C) 1) TPCL Thermal	13.312	296.846	Include PX	5.810	182.147
2) TPCL Hydro	4.990	87.897	Standby	0.000	0.000
3) TPCL Gas	4.378	93.311	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.789	219.004	1) MSEDCL	371.499	7565.687
D) STATE			2) Mumbai Discoms	62.394	1326.893
1) Thermal	260.855	5166.683	TOTAL STATE	433.893	8892.580
(A1+C1+C4+(B1-B6))					
2) Hydro	10.268	277.811			
(A2+C2)					
3) Gas	14.844	284.247			
(A3+B7+C3)					
4) Wind	8.659	169.414			
6) SOLAR	5.724	120.797			
TOTAL STATE	300.350	6018.952			

* 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 16 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6082	6390	6404	5236
MSPGCL Hydro	157	250	203	269
MSPGCL Gas	419	416	423	444
MSPGCL Total Generation	6658	7056	7030	5949
Central Sector Receipt	6709	6333	5955	3998
WIND	346	99	177	605
CPP / IPP Thermal	4296	4333	4404	3528
CPP / IPP Gas	0	0	0	0
SOLAR	876	427	0	0
Exchange with Mumbai	-1691	-1371	-1409	-829
MSEDCL DEMAND MET	17194	16877	16157	13251
Load Shedding	0	0	0	0
MSEDCL DEMAND	17194	16877	16157	13251
TPCL GENERATION	1050	1200	1202	695
AEML GENERATION	375	496	393	374
MUMBAI DEMAND	3116	3067	3004	1898
STATE DEMAND MET	20310	19944	19161	15149
STATE DEMAND	20310	19944	19161	15149
Frequency (Hz)	49.97	49.98	50.00	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 17.31 Hrs	49.8 Hz at 09.18 Hrs	50	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 22/Nov/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	11.92	245.69	553	363
Unit 9	12.85	209.68	630	460
Unit 10	12.20	221.77	550	460
Total	36.97	677.14		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.02	205.28	425	355
Unit 5	8.98	207.44	435	340
Total	18.00	412.72		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.44	54.25	255	190
Unit 7	5.35	54.09	250	187
Unit 8	5.30	54.73	245	188
Total	16.08	163.07		
Chandrapur				
Unit 3	4.18	73.57	185	163
Unit 4	3.51	13.34	162	126
Unit 5	8.80	163.61	390	350
Unit 6	10.13	181.85	465	360
Unit 7	0.00	0.00	0	0
Unit 8	10.23	219.35	496	360
Unit 9	9.49	204.13	455	360
Total	46.35	855.85		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Total	0.00	0.00		
Khaparkhedda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.07	27.02	195	160
Unit 4	4.18	39.16	200	160
Unit 5	9.76	190.68	490	360
Total	18.02	256.86		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	68.64	0	0
Unit 5	4.14	16.83	192	157
Total	4.14	85.47		
Uran				
All Units	10.47	190.94	507	405
Total	10.47	190.94		
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)	0.28	5.97	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.28	5.97		
Koyna				
Stage 1-2	2.43	65.00	250	35
Stage 4	1.05	64.76	627	0
Stage 3	0.51	28.57	160	0
Total	3.99	158.34		
Hydro				
KDPH	0.00	1.01	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	1.61	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	6.23	80	0
RNGR+BHTSA	0.40	6.63	17	16
BHANDARDRA	0.00	0.19	0	0
ELDARY	0.18	5.60	23	0
SMLHY_PTN	0.08	4.10	4	3
GHATGHAR	0.34	6.21	125	0
Total	1.29	31.58		
Wind				
Total	8.66	169.41	0	0
Total	8.66	169.41		
CPP				
APML(Mus)	70.67	1545.57	0	0
JSWEL(Mus)	19.07	428.42	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	49.98	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	8.46	175.78	0	0
Total	98.20	2199.74		
SOLAR				
Total	5.72	120.80	0	0
Total	5.72	120.80		
Tata				
Trombay 5	8.61	192.33	479	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	59.17	116	115
Trombay 7B	1.60	34.14	67	66
Trombay 8	4.70	104.51	199	167
TATA Hydro	4.99	87.90	411	2
Total	22.68	478.05		
AEML				
DTPS U-1&2	9.79	219.00	501	373
Total	9.79	219.00		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	139.56	2451.10	MSPGCL Total	155.30	2831.95
			MSPGCL Thml+Gas	150.02	2642.03	Koyna 1,2 & 4 Total	3.48	129.76
			MSPGCL Hydro	5.28	189.91	State Total	300.35	6018.95

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/Nov/2019

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5266	59	443	5768	561	3760	0	0	4763	4522	-1214	13397	0	13397	2279	15676	49.99
2	5257	64	432	5753	568	3740	0	0	4406	4345	-1034	13372	0	13372	2105	15477	50.01
3	5244	119	432	5795	574	3568	0	0	4258	4201	-905	13233	0	13233	1976	15209	49.97
4	5236	269	444	5949	605	3528	0	0	4146	3998	-829	13251	0	13251	1898	15149	49.99
5	5271	59	432	5762	614	3724	0	0	4458	4598	-810	13888	0	13888	1878	15766	49.95
6	5825	72	433	6330	592	4011	0	0	5159	5412	-887	15458	0	15458	1975	17433	50.00
7	6056	508	445	7009	550	4327	0	9	5676	5759	-824	16830	0	16830	2120	18950	49.96
8	6156	855	443	7454	475	4341	0	126	5487	5626	-857	17165	0	17165	2275	19440	50.02
9	6203	480	421	7104	444	4358	0	363	5646	5795	-976	17088	0	17088	2553	19641	50.02
10	6149	217	426	6792	555	4322	0	638	5999	5817	-1249	16875	0	16875	2838	19713	49.98
11	6046	179	431	6656	431	4316	0	765	6251	6179	-1565	16782	0	16782	3046	19828	49.98
12	6082	157	419	6658	346	4296	0	876	6503	6709	-1691	17194	0	17194	3116	20310	49.97
13	5997	180	408	6585	247	4291	0	870	6574	6647	-1793	16847	0	16847	3087	19934	50.02
14	5830	60	405	6295	187	4319	0	813	6532	6701	-1693	16622	0	16622	2971	19593	50.05
15	6186	255	412	6853	156	4311	0	640	6612	6315	-1686	16589	0	16589	3022	19611	49.98
16	6390	250	416	7056	99	4333	0	427	6456	6333	-1371	16877	0	16877	3067	19944	49.98
17	6436	256	408	7100	80	4352	0	170	5986	6165	-1296	16571	0	16571	3039	19610	49.99
18	6469	227	432	7128	86	4379	0	27	5828	5920	-1279	16261	0	16261	3001	19262	50.01
19	6404	203	423	7030	177	4404	0	0	6025	5955	-1409	16157	0	16157	3004	19161	50.00
20	5851	152	443	6446	244	4246	0	0	5899	5804	-1429	15311	0	15311	2882	18193	50.02
21	5314	121	452	5887	269	3963	0	0	5534	5558	-1339	14338	0	14338	2725	17063	50.02
22	5318	289	475	6082	254	3779	0	0	5133	5221	-1256	14080	0	14080	2591	16671	50.01
23	5281	89	507	5877	279	3776	0	0	4954	5096	-1233	13795	0	13795	2507	16302	49.96
24	5288	158	484	5930	266	3755	0	0	4743	4867	-1300	13518	0	13518	2439	15957	50.02
MUs	139.55	5.28	10.47	155.30	8.66	98.20	0.00	5.72	133.03	133.54	-29.93	371.50	0.00	371.50	62.39	433.89	50.00

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 22/Nov/2019

Position as on 6.30 Hrs of 23/Nov/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	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
MSPGCL	Ghatghar Unit-1	125	25/09/2019	04.20		Continued.	Withdrawn On Shaft Seal Water Leakage. Converted to AOH From 1 Nov 2019.	
MSPGCL	Koyna Unit 7	80	31/10/2019	16.30		Continued.	Turbine Vibration(converted to Capital Overhaul for 60 Days from 09.00Hrs DT.01-11-2019)	
MSPGCL	Nasik Unit 4	210	20/11/2019	04.15		Continued.	ID Fan Problem(Converted for Zero Schedule from 05.00hrs DT. 21-11-2019 and Continued for Annual Overhaul From 01.12.2019	
MSPGCL	Uran Unit 5	108	23/11/2019	00.22		Continued.	For Air & Gas Filter Replacement Work.	
FORCED OUTAGE								
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	
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	
MSPGCL	Paras Unit 4	250	25/08/2019	00.45		Continued.	Annual Overhaul Converted Zero Schedule From 28.10.2019 18.00	
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	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Nasik Unit 3	210	09/10/2019	23.57		Continued.	Under Case 4 Bidding.	
MSPGCL	Khaparkheda Unit 1	210	12/10/2019	00.11		Continued.	Zero Schedule	
MSPGCL	Khaparkheda Unit 2	210	12/10/2019	00.17		Continued.	Zero Schedule	
MSPGCL	Paras Unit 3	250	23/10/2019	00.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-3	270	25/10/2019	02.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	25/10/2019	22.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	06/11/2019	19.23	22/11/2019	19.21	Turbine Vibration	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 22/Nov/2019

Position as on 6.30 Hrs of 23/Nov/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-5	270	09/11/2019	03.00		Continued.	Zero Schedule By MSEDCL.	
IPP	JSW (J) U3	300	10/11/2019	18.16		Continued.	Zero schedule.	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Chandrapur Unit 9	500	23/11/2019	10.00		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 8	108	23/11/2019	10.59		Continued.	NG Controller System Trip.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Nov/2019

Statement-VII

Position as on 6.30 Hrs of 23/Nov/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/Trippings							
Koradi III - Tirora - I	IntraState	22/11/2019	14.11	22/11/2019	15.40	EO	Attending Hot Spot
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	20/11/2019	18.09		Continued.	PO	Annual Maintenance & Diagnostic Testing Work.
Chandrapur - Padghe Hvdc Pole 1	IntraState	23/11/2019	08.18	23/11/2019	15.53	PO	De-Stringing of Old 220KV Chandrapur-Sicom Line.
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 Sar'Sarovar I	InterState	18/11/2019	20.38		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	21/11/2019	19.58	22/11/2019	07.51	HT	Over Voltage
Chandrapur II - Chandrapur ckt I	IntraState	21/11/2019	22.32	22/11/2019	00.45	EO	Drilling & Cutting of Panel For Cable.
Lonikand I - Koyna stage-IV	IntraState	22/11/2019	08.23	22/11/2019	17.55	PO	Polymer insulator replacement.
Ektuni-Bableshtar ckt II	IntraState	22/11/2019	12.05	22/11/2019	21.39	PO	Work Permit By Hot Line Unit To Attend Hot Spot.
Kalwa - Kharghar	IntraState	22/11/2019	16.07	22/11/2019	17.17	PO	Tree Cutting Work.
Bhusawal-Aurangabad	IntraState	22/11/2019	19.45	23/11/2019	10.29	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	22/11/2019	19.45	22/11/2019	07.51	HT	Over Voltage
Karad-Jaigad - I	IntraState	22/11/2019	22.07		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	23/11/2019	17.09	23/11/2019	23.00	PO	LA Replacement At Padghe.
Khadka-Aurangabad (Waluj)	IntraState	23/11/2019	19.29		Continued.	HT	Over Voltage
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.
400/220kv 315 MVA ICT-III@Padghe	IntraState	22/11/2019	09.52	22/11/2019	21.51	PO	Tan delta and attending hot spot.
400/220KV 500MVA ICT-I @Nanded	IntraState	23/11/2019	09.59	23/11/2019	15.13	PO	NDR Coating Work.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.(close at Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
Borivali - Tarapur	InterState	22/11/2019	12.59	22/11/2019	16.27	T	Distance Protection.B-ph 2.2 Kamp: 90KM From Borivali.z1.
Mudshingi Chikodi	InterState	22/11/2019	16.54	22/11/2019	15.52	HT	Due To Chattering On Line.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Trombay - Mulund	IntraState	16/11/2019	19.59	22/11/2019	14.55	PO	Piling work At LOC 5 Completed.
Nagothane-Wadkhal II	IntraState	22/11/2019	07.09	22/11/2019	17.51	PO	Replacement Of Deadend LOC 1 to 29
Karad(400kv) - Ogalewadi Ckt 1	IntraState	22/11/2019	09.19	22/11/2019	10.30	PO	For Overhauling Work: But Due To Prob In Isolator Operation At Karad Work Cancelled And Line Taken In Service.
Mahad - Pedambe	IntraState	22/11/2019	10.00	22/11/2019	11.35	PO	B-Phase ct oil top up.
Karad(400kv) - Ogalewadi Ckt 2	IntraState	22/11/2019	10.45	22/11/2019	16.46	PO	CB Overhauling.
Nashik-Padghe	IntraState	22/11/2019	10.55	22/11/2019	18.47	PO	Replacement Of Old Disc Insulators By Procelain Long ROD.
Talandge-Hamidwada	IntraState	22/11/2019	12.28	22/11/2019	17.59	PO	Replacement Of Isolator.
Lonikand2-Lonikand1 (Interconnector)	IntraState	22/11/2019	12.28	22/11/2019	13.45	EO	To Attending Hot spot R-Phase & B-phase Jumpers.

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 22/Nov/2019

Statement-VII

Position as on 6.30 Hrs of 23/Nov/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	22/11/2019	19.18	22/11/2019	19.45	T	Distance Protection
Trombay MSETCL Tie 1	IntraState	22/11/2019	20.07	23/11/2019	06.59	PO	Strengthening Of RCC Beam Of 220Kv Bus Isolaator Structure (Tie-i) At Trombay side.
Trombay - Mulund	IntraState	22/11/2019	21.21	23/11/2019	06.56	PO	Strengthening Of RCC Beam Of 220Kv Bus Isolaator Structure (Tie-i) At Trombay side.
Nagothane-Wadkhal-I	IntraState	23/11/2019	08.09	23/11/2019	17.42	PO	Replacement of Dead End Insulator.
Bhira Dharavi 7	IntraState	23/11/2019	08.18	23/11/2019	20.19	PO	Closer Inspection.
Chandrapur GCR - Sicom I	IntraState	23/11/2019	08.31	23/11/2019	16.59	PO	De-Stringing Work Between Loc.No.13 To 21 (Old Line) In R/O Diversion of 220KV GCR-Sicom D/C Line Through Durgapur OCM.
Chandrapur GCR - Sicom II	IntraState	23/11/2019	08.39	23/11/2019	17.02	PO	De-Stringing Work Between Loc.No.13 To 21 (Old Line) In R/O Diversion of 220KV GCR-Sicom D/C Line Through Durgapur OCM.
Talandge-Hamidwada	IntraState	23/11/2019	09.23	23/11/2019	17.04	PO	Insulator Replacement Work
Chalisingaon -Babhaleshwar	IntraState	23/11/2019	09.41	23/11/2019	18.20	PO	Quarterly Maintenance Work
Padghe - Kambha	IntraState	23/11/2019	10.01		Continued.	PO	CB Overhauling Work.
Phursungi-Serum	IntraState	23/11/2019	10.04	23/11/2019	15.15	PO	Measurement of IR Values of LA.
Adlabs - Pedambe	IntraState	23/11/2019	14.57	23/11/2019	21.15	T	Distance Protection
Badnera-Akola I	IntraState	23/11/2019	15.52	23/11/2019	17.20	EO	Pid Faulty Disc Replacement Work At Loc No.200 & Suspension Clamp Nut Bolt Tightening Work.
Chandrapur GCR - Sicom I	IntraState	23/11/2019	22.10	23/11/2019	16.59	HT	Current Unbalance Observed.
220 KV ICT Outages/Trippings							
220/33kV 100 MVA Transformer 4 @Aarey R/S	IntraState	22/11/2019	09.51	22/11/2019	12.36	PO	Tan delta measurment.
220/132 kV 100MVA ICT-I @ Shivajinagar	IntraState	22/11/2019	16.54	22/11/2019	21.19	PO	Diagnostic Testing Work.

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