

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Aug/2016 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	96.431	1682.928	1) Gujrat	9.479	138.794
2) Hydro	19.118	312.009	2) Madhya Pradesh	16.565	304.770
3) Gas	3.543	171.416	3) Chattisgarh	5.870	150.750
Total MSPGCL	119.092	2166.353	4) Maharashtra Net	68.470	1473.022
B) 1) APML	57.926	809.187	5) Goa (Amona)	-0.526	-15.301
2) JSWEL	22.098	482.507	Total	119.147	2491.267
3) VIPL	13.770	226.886	a) Mumbai Schedule	29.810	431.357
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.806	517.160
5) WPCL	4.308	101.960	c) MSEDCL Bilateral *	16.516	619.518
6) PGPL	6.863	36.770	Include PX	-0.049	-30.141
7) Other IPP	2.409	52.188	d) Mumbai Bilateral *	29.810	431.357
C) 1) TPCL Thermal	16.566	327.665	Include PX	1.858	40.434
2) TPCL Hydro	4.645	128.600	Include Standby	0.000	0.000
3) TPCL Gas	4.277	86.806	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.633	240.200	1) MSEDCL	351.361	6857.850
D) STATE			2) Mumbai Discoms	59.927	1300.426
1) Thermal	225.141	3923.521	TOTAL STATE	411.288	8158.276
(A1+C1+C4+(B1-B6))					
2) Hydro	23.763	440.609			
(A2+C2)					
3) Gas	14.683	294.992			
(A3+B6+C3)					
4) Wind	27.815	988.431			
6) SOLAR	0.739	19.461			
TOTAL STATE	292.141	5667.014			

* 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 3 Hrs
MSPGCL Thermal	4134	4162	4596	3454
MSPGCL Hydro	1501	1246	982	63
MSPGCL Gas	148	148	147	149
MSPGCL Total Generation	5783	5556	5725	3666
Central Sector Receipt	5252	5180	5178	4339
WIND	1344	1454	877	1078
CPP / IPP Thermal	4215	4196	4177	4244
CPP / IPP Gas	289	286	287	287
SOLAR	76	97	0	0
Exchange with Mumbai	-1270	-1131	-1011	-422
MSEDCL DEMAND MET	15689	15638	15233	13192
Load Shedding	236	0	0	0
MSEDCL DEMAND	15925	15638	15233	13192
TPCL GENERATION	1294	1295	1283	893
R-INFRA GENERATION	505	506	507	508
MUMBAI DEMAND	3069	2932	2801	1823
STATE DEMAND MET	18758	18570	18034	15015
STATE DEMAND	18994	18570	18034	15015
Frequency (Hz)	49.97	49.95	49.85	49.91

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18.01 Hrs	49.73 Hz at 09.07 Hrs	49.93	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 23/Aug/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	1.59	1.59	140	0
Unit 8	11.06	193.13	540	380
Total	12.65	194.72		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	10.56	0	0
Unit 5	2.19	2.19	350	0
Total	2.19	12.75		
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
Total	0.00	0.00		
Chandrapur				
Unit 3	4.21	58.37	192	130
Unit 4	0.00	73.15	0	0
Unit 5	9.37	195.72	415	360
Unit 6	9.94	189.78	452	330
Unit 7	9.97	201.74	432	375
Unit 8	9.78	126.93	451	352
Total	43.26	845.69		
Paras				
Unit 3	5.77	66.52	250	195
Unit 4	4.81	114.29	248	0
Total	10.58	180.82		
Khaparkheda				
Unit 1	2.18	2.18	160	0
Unit 2	2.59	2.59	165	0
Unit 3	0.00	0.00	0	0
Unit 4	2.21	2.21	168	0
Unit 5	11.75	238.88	500	429
Total	18.73	245.86		
Nasik				
Unit 3	4.45	93.00	195	165
Unit 4	4.56	82.88	200	167
Unit 5	0.00	10.04	0	0
Total	9.01	185.93		
Uran				
All Units	3.54	171.42	150	138
Total	3.54	171.42		
PGPL				
Unit 1	4.33	22.93	183	179

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	2.54	13.84	107	104
Total	6.86	36.77		
PENCH (MS)				
Pench (MS)	0.54	6.13	27	10
Total	0.54	6.13		
Koyna				
Stage 1-2	4.96	94.07	515	35
Stage 4	8.76	87.24	987	0
Stage 3	3.06	54.27	240	0
Total	16.79	235.58		
Hydro				
KDPH	0.00	5.89	0	0
VTRNA	0.12	15.25	57	0
TILLARI	0.40	6.49	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.44	10.48	80	0
RNGR+BHTSA	0.00	4.33	0	0
BHANDARDRA	0.34	9.70	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.36	7.96	24	12
GHATGHAR	0.67	16.33	250	0
Total	2.33	76.43		
Wind				
Total	27.82	988.43	0	0
Total	27.82	988.43		
CPP				
APML(Mus)	57.93	809.19	0	0
JSWEL(Mus)	22.10	482.51	0	0
VIPL(Mus)	13.77	226.89	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.31	101.96	0	0
Other(Mus)	2.41	52.19	0	0
Total	100.51	1672.73		
SOLAR				
Total	0.74	19.46	0	0
Total	0.74	19.46		
Tata				
Trombay 5	10.88	207.44	483	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.71	53.59	115	86
Trombay 7B	1.57	33.22	66	57
Trombay 8	5.69	120.23	246	199
TATA Hydro	4.64	128.60	387	0
Total	25.49	543.07		
R-INFRA				
1-2	11.63	240.20	508	402
Total	11.63	240.20		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	17.16
Koradi 9	0.00	0.00
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	96.43	1682.93
MSPGCL Thml+Gas	99.97	1854.34
MSPGCL Hydro	19.12	312.01

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	119.09	2166.35
Koyna 1,2 & 4 Total	13.73	181.31
State Total	292.14	5667.01

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/Aug/2016

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	3614	428	138	4180	1002	4257	285	0	4216	4485	-717	13492	0	13492	2126	15618	49.92
2	3577	68	149	3794	1036	4254	285	0	4146	4710	-497	13582	0	13582	1907	15489	49.94
3	3454	63	149	3666	1078	4244	287	0	4125	4339	-422	13192	0	13192	1823	15015	49.91
4	3436	78	149	3663	1104	4206	285	0	4300	4763	-435	13586	0	13586	1740	15326	49.91
5	3542	540	148	4230	1111	4137	284	0	4247	4629	-567	13824	0	13824	1727	15551	49.88
6	3643	693	150	4486	1152	4257	286	0	4341	4792	-500	14473	0	14473	1866	16339	49.95
7	3621	1170	150	4941	1242	4246	286	0	4702	5235	-647	15303	0	15303	2021	17324	49.95
8	3554	1455	150	5159	1074	4248	287	18	4857	5650	-734	15702	82	15784	2217	18001	49.88
9	3568	1858	146	5572	1009	4243	287	40	4976	5297	-868	15580	254	15834	2498	18332	49.88
10	3617	1933	147	5697	1030	4239	285	73	4948	5303	-1055	15572	233	15805	2821	18626	49.87
11	3867	1668	147	5682	1164	4222	286	95	5036	5305	-1247	15507	244	15751	3045	18796	49.96
12	4134	1501	148	5783	1344	4215	289	76	5158	5252	-1270	15689	236	15925	3069	18994	49.97
13	4144	945	149	5238	1363	4211	286	92	5114	5399	-1239	15350	0	15350	3041	18391	49.97
14	4121	975	149	5245	1393	4192	286	94	5035	5146	-1095	15261	0	15261	2898	18159	49.94
15	4162	1246	148	5556	1454	4196	286	97	4872	5180	-1131	15638	0	15638	2932	18570	49.95
16	4315	1244	148	5707	1330	4157	287	70	4872	5031	-1142	15440	0	15440	2942	18382	49.98
17	4493	856	147	5496	1389	4170	285	49	4902	4886	-1138	15137	0	15137	2940	18077	49.95
18	4514	258	144	4916	1023	4151	285	32	4746	4556	-1345	13618	0	13618	2878	16496	49.99
19	4492	469	146	5107	1128	4158	286	3	5005	4676	-1328	14030	0	14030	2834	16864	49.96
20	4596	982	147	5725	877	4177	287	0	5119	5178	-1011	15233	0	15233	2801	18034	49.85
21	4549	423	149	5121	1092	4170	287	0	5079	5131	-994	14807	0	14807	2707	17514	49.94
22	4516	123	148	4787	1088	4154	285	0	4906	4737	-1083	13968	0	13968	2495	16463	49.95
23	4479	71	148	4698	1156	4021	285	0	4826	4782	-1199	13743	0	13743	2359	16102	49.91
24	4423	71	149	4643	1176	3983	286	0	4733	4685	-1142	13631	0	13631	2240	15871	49.98
MUs	96.43	19.12	3.54	119.09	27.81	100.51	6.86	0.74	114.26	119.15	-22.81	351.36	1.05	352.41	59.93	412.34	49.93

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 23/Aug/2016

Position as on 6.30 Hrs of 24/Aug/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Koyana Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
MSPGCL	Khaparkhedha Unit 1	210	25/06/2016	23.45	23/08/2016	04.34	Zero Schedule by MSEDCL from 00.00Hrs Dt.19-7-16 and A.O.H from 25/06/2016 to 18/07/2016	
MSPGCL	Khaparkhedha Unit 3	210	05/07/2016	23.52		Continued.	Zero Shedule By MSEDCL, converted for AOH from 00 Hrs Dt.25-7-16	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No PPA.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 7	108	24/05/2016	17.42		Continued.	Generation Bearing Vibration High.	
MSPGCL	Koradi Unit 9	660	04/06/2016	14.45		Continued.	No concent to operate	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
IPP	RPL(AMT) U-2	270	18/06/2016	06.54		Continued.	Zero Shedule By MSEDCL.	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero Shedule By MSEDCL.	
IPP	RPL(AMT) U-4	270	30/06/2016	10.11		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Koradi Unit 5	200	01/07/2016	02.23	24/08/2016	21.02	Zero Shedule By MSEDCL up to 22/08/2016, Schedule given from 00:00Hrs of 23/08/2016 and Unit synchronization delayed due to technical problem.	
MSPGCL	Koradi Unit 7	210	01/07/2016	04.43	23/08/2016	07.46	Zero Shedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	01/07/2016	18.40		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Bhusawal Unit 5	500	01/07/2016	23.59	23/08/2016	15.16	Zero Shedule By MSEDCL.	
MSPGCL	Khaparkhedha Unit 2	210	05/07/2016	23.46	23/08/2016	04.43	Zero Shedule By MSEDCL.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 23/Aug/2016

Position as on 6.30 Hrs of 24/Aug/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 4	210	08/07/2016	03.07	23/08/2016	07.31	Zero Shedule By MSEDCL.	
MSPGCL	Bhusawal Unit 3	210	08/07/2016	23.57		Continued.	ID Fan Problem (Converted to Zero schedule by MSEDCL from 11-07-2016)	
IPP	Adani U-4	660	13/07/2016	02.22		Continued.	Zero Shedule By MSEDCL,Shedule Glven On 21/08/2016	
MSPGCL	Nasik Unit 5	210	03/08/2016	17.30		Continued.	Zero shedule	
MSPGCL	Chandrapur Unit 9	500	11/08/2016	22.11		Continued.	Oil Shortage.	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
MSPGCL	Uran Unit B0	120	14/08/2016	07.56		Continued.	Maintenance work	
MSPGCL	Bhusawal Unit 4	500	14/08/2016	21.28	24/08/2016	04.45	Zero schedule given by MSEDCL	
RGPL	Dabhol 3A	230	16/08/2016	17.24		Continued.	Change Over	
MSPGCL	Koyna Unit 8	80	19/08/2016	11.00		Continued.	High Vibration On LGB & UGB.	
MSPGCL	Uran Unit 5	108	19/08/2016	22.03		Continued.	Boiler trip.	
MSPGCL	Chandrapur Unit 4	210	21/08/2016	22.02		Continued.	ID Fan Problem	
MSPGCL	Paras Unit 4	250	23/08/2016	07.26	23/08/2016	10.14	Furnace Pressure High	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Aug/2016

Statement-VII

Position as on 6.30 Hrs of 24/Aug/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	22/08/2016	19.53		Continued.	T	Buchholz Trip 330 MVA Converter Pole-2 Y-Phase T/F At Chandrapur End.
Chandrapur - Padghe Hvdc Pole 1	IntraState	24/08/2016	23.00		Continued.	EO	Inspection of Y Phase Converter T/F
400 KV LINE Outages/Trippings							
Kolhapur Solapur (PG) II	InterState	22/08/2016	18.06	23/08/2016	07.05	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	24/08/2016	03.03	24/08/2016	07.32	T	Over Voltage
Dhule Sar'Sarovar I	InterState	24/08/2016	03.30	24/08/2016	18.15	T	Distance Protection
Dhule Sar'Sarovar II	InterState	24/08/2016	05.31	24/08/2016	14.02	T	Distance Protection
Akola Aurangabad(PG) I	InterState	24/08/2016	10.35	24/08/2016	17.08	PO	Testing Work
Padghe - Kharghar	IntraState	07/08/2016	17.07	24/08/2016	20.58	PO	Shifted on TBC at kharghar end
karad -kolhapur-II	IntraState	19/08/2016	09.20	24/08/2016	06.48	PO	For Isolator Assembly Replacement Work.
Bhusawal-Aurangabad	IntraState	20/08/2016	19.00	23/08/2016	06.58	HT	Over Voltage
Karad - Jaigad - II	IntraState	22/08/2016	09.55	24/08/2016	06.54	PO	Annual Maintenance Work RFC-14:48.
Khadka-Aurangabad (Waluj)	IntraState	23/08/2016	17.43	24/08/2016	06.59	HT	Over Voltage
Chandrapur II - Chandrapur ckt 2	IntraState	24/08/2016	11.27		Continued.	PO	Routine Maintenance Work
Padghe - Kalwa-II	IntraState	24/08/2016	14.05	24/08/2016	14.43	T	DT Received at Padgha while taking line on TBC at Kalwa
Bus B @ Khargar	IntraState	24/08/2016	14.05	24/08/2016	20.40	PO	Isolator Maint.work
karad -kolhapur-I	IntraState	24/08/2016	17.59		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	24/08/2016	18.03		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	24/08/2016	18.04		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	20/08/2016	11.06		Continued.	PO	Shifted on TBC, by hot line jumper open for construction of kodus bay ektuni CKT-2 will remain off during this outage period.
400/220kv 315 MVA ICT I @ Kolhapur	IntraState	22/08/2016	11.29	23/08/2016	14.38	EO	Maintenance Of Isolator Alignment.
400/220/33 Kv 315 MVA ICT-II @Waluj	IntraState	23/08/2016	11.12	23/08/2016	14.05	PO	Taken On TBC Only To Replace Auxilliary Switches.
400/220kv 315MVA ICT 2 @ Kolhapur	IntraState	24/08/2016	10.45		Continued.	PO	Isolator maint.work
220 KV LINE Outages/Trippings							
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer 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	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Babhleshwar- Ranjangaon	IntraState	06/06/2016	07.22		Continued.	HT	Hand Tripped for Ranjangaon End.
Kalwa-Salsette-IV	IntraState	28/06/2016	18.17		Continued.	T	Distance Protection
Babhleshwar- Alephata	IntraState	24/07/2016	07.57		Continued.	HT	Load Diversion.
Pophali - Kdph	IntraState	19/08/2016	00.20	24/08/2016	19.25	HT	Due to Snapping of conductor
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	23/08/2016	05.18	23/08/2016	06.03	T	Distance Protection
Shivajinagar - Satana	IntraState	23/08/2016	22.58	24/08/2016	19.17	T	Distance Protection
Chandrapur GCR - Sicom I	IntraState	24/08/2016	11.07	24/08/2016	20.48	PO	Testing Work
Butibori - Khaperkheda	IntraState	24/08/2016	11.38	24/08/2016	13.42	PO	New Bus Bar LED Panel Wiring

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 23/Aug/2016

Statement-VII

Position as on 6.30 Hrs of 24/Aug/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Koradi-Khaperkheda	IntraState	24/08/2016	14.20	24/08/2016	15.56	PO	New Bus Bar LED Panel Wiring
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/132 Kv 200mva Kanohar Ict 3 @Bale (Solapur 2)	IntraState	24/08/2016	09.43	24/08/2016	16.10	PO	Routine Maintenance Work
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	24/08/2016	10.38	24/08/2016	13.34	EO	To attend Hot Spot
220/132 Kv 200 Mva Bbl Ict 1 @Beed	IntraState	24/08/2016	11.21	24/08/2016	19.55	PO	Measurment of Tan Delta and SFRA of ICT
132 KV LINE Outages/Trippings							
Kanhan-Pench	IntraState	23/08/2016	11.13	23/08/2016	18.58	PO	Replacement Of R And B Phase CT Due To High Tan Delta.
Parbhani-Bageshwari	IntraState	24/08/2016	04.25	24/08/2016	04.41	T	Distance Protection
100 KV LINE Outages/Trippings							
Vasai-li - Vasai 2 Line	IntraState	13/08/2016	08.53		Continued.	HT	ICT Problem.

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