

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Sep/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	100.764	1586.431	1) Gujrat	0.440	28.910
2) Hydro	4.716	295.938	2) Madhya Pradesh	13.898	240.574
3) Gas	10.152	109.276	3) Chattisgarh	5.420	87.140
Total MSPGCL	115.632	1991.645	4) Maharashtra Net	91.533	1440.709
B) 1) APML	43.772	665.352	5) Goa (Amona)	-0.154	-1.342
2) JSWEL	21.580	259.936	Total	111.137	1795.991
3) VIPL	7.479	112.228	a) Mumbai Schedule	27.677	331.766
4) RPL(AMT)	31.593	426.434	b) Mumbai Drawl	27.697	386.671
5) WPCL	2.241	38.538	c) MSEDCL Bilateral *	17.587	254.477
6) PGPL	0.000	0.000	Include PX	0.000	35.161
7) Other IPP	2.439	42.393	d) Mumbai Bilateral *	27.677	330.716
C) 1) TPCL Thermal	16.603	250.871	Include PX	7.194	83.973
2) TPCL Hydro	3.903	76.195	Include Standby	0.000	1.050
3) TPCL Gas	4.337	37.718	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.513	172.757	1) MSEDCL	315.151	5088.872
D) STATE			2) Mumbai Discoms	64.053	924.210
1) Thermal	237.984	3554.940	TOTAL STATE	379.204	6013.082
(A1+C1+C4+(B1-B6))					
2) Hydro	8.619	372.133			
(A2+C2)					
3) Gas	14.489	146.994			
(A3+B6+C3)					
4) Wind	4.844	113.222			
6) SOLAR	2.131	29.804			
TOTAL STATE	268.067	4217.093			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 18 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4217	4295	4257	3944
MSPGCL Hydro	158	72	270	170
MSPGCL Gas	426	428	420	422
MSPGCL Total Generation	4801	4795	4947	4536
Central Sector Receipt	5095	4792	4819	4041
WIND	107	470	296	194
CPP / IPP Thermal	4503	4636	4605	4570
CPP / IPP Gas	0	0	0	0
SOLAR	213	26	0	0
Exchange with Mumbai	-1300	-1492	-1156	-660
MSEDCL DEMAND MET	13419	13227	13511	12681
Load Shedding	361	217	715	0
MSEDCL DEMAND	13780	13444	14226	12681
TPCL GENERATION	1105	1097	1303	863
R-INFRA GENERATION	500	496	498	499
MUMBAI DEMAND	2905	3085	2957	2022
STATE DEMAND MET	16324	16312	16468	14703
STATE DEMAND	16685	16529	17183	14703
Frequency (Hz)	49.97	49.95	49.98	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 13.00 Hrs	49.74 Hz at 16.17 Hrs	49.95	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 15/Sep/2017

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	0.00	34.12	0	0
Unit 8	11.09	164.93	520	358
Unit 9	0.00	69.47	0	0
Unit 10	11.48	100.07	495	430
Total	22.57	368.59		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	7.54	104.24	350	300
Unit 5	7.55	126.02	360	300
Total	15.08	230.26		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.28	66.90	188	170
Unit 7	4.14	65.64	191	166
Unit 8	0.00	0.00	0	0
Total	8.42	132.54		
Chandrapur				
Unit 3	0.00	44.56	0	0
Unit 4	0.00	0.00	0	0
Unit 5	7.30	96.39	315	290
Unit 6	0.00	66.75	0	0
Unit 7	7.83	71.08	345	301
Unit 8	10.20	158.17	436	403
Unit 9	9.90	74.64	468	138
Total	35.23	511.60		
Paras				
Unit 3	3.80	62.60	179	131
Unit 4	3.86	62.02	171	150
Total	7.67	124.62		
Khaparkheda				
Unit 1	0.00	24.14	0	0
Unit 2	3.94	47.74	180	130
Unit 3	0.00	36.38	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	7.68	0	0
Total	3.94	115.93		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.94	62.67	169	157
Unit 5	3.92	40.22	170	158
Total	7.86	102.89		
Uran				
All Units	10.15	109.28	436	413
Total	10.15	109.28		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.00	0.87	0	0
Total	0.00	0.87		
Koyna				
Stage 1-2	1.93	79.71	325	40
Stage 4	0.51	145.24	322	0
Stage 3	1.31	50.40	166	0
Total	3.75	275.35		
Hydro				
KDPH	0.00	2.44	0	0
VTRNA	0.00	5.06	0	0
TILLARI	0.00	0.41	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.43	5.27	80	0
RNGR+BHTSA	0.00	2.23	0	0
BHANDARDRA	0.35	1.86	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.20	3.31	9	8
GHATGHAR	0.00	0.00	0	0
Total	0.97	20.59		
Wind				
Total	4.84	113.22	0	0
Total	4.84	113.22		
CPP				
APML(Mus)	43.77	665.35	0	0
JSWEL(Mus)	21.58	259.94	0	0
VIPL(Mus)	7.48	112.23	0	0
RPLAMT(Mus)	31.59	426.43	0	0
WPCL(Mus)	2.24	38.54	0	0
Other(Mus)	2.44	42.39	0	0
Total	109.10	1544.88		
SOLAR				
Total	2.13	29.80	0	0
Total	2.13	29.80		
Tata				
Trombay 5	11.08	165.73	490	326
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	21.48	119	115
Trombay 7B	1.57	16.24	66	65
Trombay 8	5.52	85.14	247	198
TATA Hydro	3.90	76.20	400	13
Total	24.84	364.78		
R-INFRA				
DTPS U-1&2	11.51	172.76	502	376
Total	11.51	172.76		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	100.76	1586.43	MSPGCL Total	115.63	1991.64
			MSPGCL Thml+Gas	110.92	1695.71	Koyna 1,2 & 4 Total	2.44	224.95
			MSPGCL Hydro	4.72	295.94	State Total	268.07	4217.09

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/Sep/2017

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	3918	561	421	4900	181	4555	0	0	4619	4225	-1114	12747	64	12811	2515	15326	49.91
2	3909	211	423	4543	181	4563	0	0	4470	4365	-859	12793	35	12828	2233	15061	49.97
3	3938	201	424	4563	163	4565	0	0	4350	4105	-732	12664	0	12664	2104	14768	49.95
4	3944	170	422	4536	194	4570	0	0	4282	4041	-660	12681	0	12681	2022	14703	49.99
5	4128	148	426	4702	175	4568	0	0	4252	4001	-615	12831	0	12831	1977	14808	49.95
6	4232	452	436	5120	144	4567	0	0	4299	4210	-684	13357	251	13608	2040	15648	49.91
7	4271	201	426	4898	143	4553	0	2	4558	3584	-754	12426	857	13283	2128	15411	49.93
8	4284	71	427	4782	130	4508	0	34	4662	4636	-864	13226	625	13851	2260	16111	49.97
9	4258	143	426	4827	133	4523	0	129	4841	4640	-1110	13142	540	13682	2570	16252	49.95
10	4217	158	426	4801	107	4503	0	213	4983	5095	-1300	13419	361	13780	2905	16685	49.97
11	4236	143	435	4814	88	4486	0	265	5097	5094	-1389	13358	254	13612	3055	16667	49.98
12	4237	85	423	4745	91	4495	0	273	5172	5071	-1493	13182	292	13474	3154	16628	49.97
13	4221	62	417	4700	103	4494	0	303	5165	4881	-1512	12969	30	12999	3129	16128	49.99
14	4258	67	415	4740	136	4431	0	281	5093	4978	-1577	12989	22	13011	3027	16038	49.94
15	4333	67	413	4813	196	4434	0	278	5157	5001	-1744	12978	16	12994	3016	16010	49.87
16	4324	67	416	4807	421	4452	0	219	5203	5140	-1854	13185	44	13229	3083	16312	49.95
17	4296	77	415	4788	561	4544	0	107	5028	4659	-1535	13124	74	13198	3095	16293	49.91
18	4295	72	428	4795	470	4636	0	26	4978	4792	-1492	13227	217	13444	3085	16529	49.95
19	4286	209	419	4914	352	4616	0	1	4886	4885	-1262	13506	511	14017	2990	17007	49.94
20	4257	270	420	4947	296	4605	0	0	4865	4819	-1156	13511	715	14226	2957	17183	49.98
21	4195	222	421	4838	168	4603	0	0	4789	4784	-1058	13335	506	13841	2837	16678	49.92
22	4224	428	431	5083	121	4597	0	0	4735	4839	-1061	13579	288	13867	2766	16633	49.98
23	4232	418	420	5070	131	4605	0	0	4709	4856	-989	13673	116	13789	2597	16386	49.93
24	4271	213	422	4906	159	4628	0	0	4428	4436	-883	13246	101	13347	2508	15855	49.92
MUs	100.76	4.72	10.15	115.63	4.84	109.10	0.00	2.13	114.62	111.14	-27.70	315.15	5.92	321.07	64.05	385.12	49.95

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 15/Sep/2017

Position as on 6.30 Hrs of 16/Sep/2017

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.	
CENT.SECTOR	TARAPUR 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
CENT.SECTOR	TARAPUR-3	540	11/07/2017	16.30		Continued.	Reactor Inspection Work	
MSPGCL	Khaparkheda Unit 4	210	13/07/2017	03.36		Continued.	Drum level low. on Dated 14.07.2017 converted to zero schedule. Converted into COH from 00:00Hrs of 02.08.2017	
MSPGCL	Nasik Unit 3	210	10/08/2017	00.00		Continued.	Withdrawn for maintenance work.Converted to COH from 15.08.2017.	
MSPGCL	Chandrapur Unit 4	210	22/08/2017	23.56		Continued.	Annual Overhaul	
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	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		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	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Shutdown	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	
IPP	VIPL U-1	300	13/06/2017	08.30		Continued.	GT WORK	
MSPGCL	Parli Unit 8	250	17/06/2017	00.08		Continued.	Zero Schedule by MSEDCL, scheduled issued on 08.08.2017 but synchronization delayed.	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Ghatghar Unit-1	125	28/07/2017	00.00		Continued.	RBDV leakage attending work.	
IPP	Adani U-2	660	11/08/2017	16.49		Continued.	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 15/Sep/2017

Position as on 6.30 Hrs of 16/Sep/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
CPP	SWPGL U-3	135	26/08/2017	17.40		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	27/08/2017	07.43		Continued.	Low furnace pressure	
MSPGCL	Khaparkheda Unit 5	500	01/09/2017	18.29		Continued.	Due to shaft vibration High.	
IPP	Adani U-4	660	06/09/2017	21.47		Continued.	Changeover from U-4 to U1	
MSPGCL	Koradi Unit 9	660	07/09/2017	00.38		Continued.	Air heater problem	
MSPGCL	Khaparkheda Unit 1	210	08/09/2017	12.23		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 6	500	09/09/2017	04.40		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	12/09/2017	00.12		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 9	500	14/09/2017	18.57	15/09/2017	00.07	Generator protection	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Sep/2017

Statement-VII

Position as on 6.30 Hrs of 16/Sep/2017

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 1	IntraState	14/09/2017	21.59	15/09/2017	02.15	T	SM Pressure trip.
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 II	InterState	10/09/2017	20.53	15/09/2017	14.20	T	Distance Protection
Padgha Tarapur II	InterState	12/09/2017	09.02	15/09/2017	14.50	PO	Routine Maintenance Work
Dhule Khandwa II	InterState	15/09/2017	08.10	15/09/2017	20.04	PO	Line Maintenance work
Waluj Aurangabad(PG) II	InterState	15/09/2017	09.00	15/09/2017	20.18	PO	Routine Maintenance Work
Akola Wardha I	InterState	15/09/2017	11.28	15/09/2017	14.57	PO	Quarterly Maintainance Work
Dhule Sar'Sarovar I	InterState	15/09/2017	19.30		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	08/09/2017	00.47		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	09/09/2017	17.21		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	11/09/2017	20.58	15/09/2017	08.13	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	11/09/2017	22.41	15/09/2017	19.12	HT	Attending Hot Spot
Warora-Adani(Tiroda)1	IntraState	15/09/2017	09.17	15/09/2017	15.32	PO	Routine Maintenance Work
Chandrapur - Khaperkheda	IntraState	15/09/2017	10.14	15/09/2017	20.30	PO	replacement of faulty string.
Parly(MS)- Nanded ckt II	IntraState	15/09/2017	11.17		Continued.	PO	Tan Delta Measurment of CTs
New Koyna - Dabhol - li	IntraState	15/09/2017	11.30	15/09/2017	17.21	PO	tree cutting.
Ektuni-Bableshwar ckt I	IntraState	15/09/2017	19.16		Continued.	HT	Attending Hot Spot
Chandrapur-II - Nanded ckt II	IntraState	15/09/2017	23.49		Continued.	T	Over Voltage
Bhusawal-Aurangabad	IntraState	16/09/2017	01.04		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT-I @Talegaon(PG)	InterState	12/09/2017	10.35	15/09/2017	16.34	PO	breaker overhauling work.
400/220KV 500MVA ICT1@koradi 2	IntraState	10/08/2017	11.39		Continued.	PO	Attend defects observed in OLTC of ICT 1.
400/220 KV 315 MVA ICT- I @Koradi	IntraState	12/09/2017	11.35	15/09/2017	18.38	HT	Due to sparking on 20 kv cable and continuous NDR Alarm.
400/220/33 Kv 315 Mva ICT- II @Padghe	IntraState	15/09/2017	11.20	15/09/2017	19.06	PO	for tertiary.
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	15/09/2017	15.10	15/09/2017	16.16	PO	Breaker Oil Leakage.
400/220/33 Kv 315 Mva ICT- II @Padghe	IntraState	16/09/2017	05.47		Continued.	T	Oltc Buccholz.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	NO SCHEDULE.
Vasai Boiser(PG)	InterState	15/09/2017	12.34	15/09/2017	18.30	T	Taking TBC trill.
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	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Pusad - Hingoli	IntraState	11/09/2017	20.06		Continued.	HT	Distance Relay Faulty at pusad end
Pusad-Ghatodi	IntraState	11/09/2017	20.53	15/09/2017	16.45	HT	Distance Relay Faulty at pusad end
Parli New Tps - Beed Ckt 2	IntraState	13/09/2017	16.06	13/09/2017	Continued.	PO	Replacement of Flashover String
Parli 3 (Old Gcr)-Osmanabad	IntraState	15/09/2017	03.35	15/09/2017	10.54	T	Distance Protection
Siemens - Mahape	IntraState	15/09/2017	09.34	15/09/2017	16.31	PO	Line Maintenance work

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 15/Sep/2017

Statement-VII

Position as on 6.30 Hrs of 16/Sep/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Nagothane - Posco	IntraState	15/09/2017	11.52	15/09/2017	18.00	PO	tree cutting work.
Apta - Hoc	IntraState	15/09/2017	12.23	15/09/2017	17.28	PO	relay testing work.
Padghe - Nalasopara	IntraState	15/09/2017	12.49	15/09/2017	18.23	EO	Attending Hot Spot
Paras-Chikhali Ckt No-II	IntraState	15/09/2017	15.02	15/09/2017	19.39	EO	on balapur malegaon ckt 1.
Paras-Chikhali Ckt No-I	IntraState	15/09/2017	15.02	15/09/2017	19.39	EO	on balapur malegaon ckt 1.
Ghatghar - Bapgaon	IntraState	15/09/2017	16.02	15/09/2017	16.44	T	only from ghatghar end.
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 150 Mva Emco Ict 1 @Ambazari	IntraState	06/09/2017	08.41		Continued.	PO	Augmentation of 200 MVA 220/132KV ICT
220/132 kv 200 MVA ICT-III @ Nanded	IntraState	15/09/2017	10.24	15/09/2017	15.48	PO	Demonstration of SFRA kit by testing team.
220/110 Kv 200 MVA ICT-III @Kolhapur-II (Mudshingi)	IntraState	15/09/2017	10.30	15/09/2017	17.58	PO	Routine Maintenance Work
220/132 KV 200MVA ICT I @ Taloja	IntraState	15/09/2017	11.44	15/09/2017	17.07	PO	damage conductor replacement work.
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	15/09/2017	14.55	15/09/2017	18.55	PO	TBC test trail.
220/132kv 100MVA ICT-2 @ Baramati	IntraState	15/09/2017	16.25	15/09/2017	17.25	PO	to attend dc leakage.
220/100 Kv 100 MVA ICT II @Vasai-II	IntraState	15/09/2017	19.30	15/09/2017	20.40	PO	TBC test trial.
132 KV LINE Outages/Trippings							
Killari Tap On Ujani-Omerga	IntraState	15/09/2017	06.11	15/09/2017	06.25	T	Distance Protection
Killari Tap On Ujani-Omerga	IntraState	15/09/2017	07.55	15/09/2017	08.05	T	Distance Protection
Chikhali-Khamgaon	IntraState	15/09/2017	18.55	15/09/2017	20.40	T	Distance Protection

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