

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Dec/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	142.293	3039.725	1) Gujrat	-3.691	-60.149
2) Hydro	16.564	428.395	2) Madhya Pradesh	8.780	148.004
3) Gas	10.805	211.292	3) Chattisgarh	7.760	160.090
Total MSPGCL	169.662	3679.412	4) Maharashtra Net	115.541	2426.732
B) 1) APLM	39.634	1064.353	5) Goa (Amona)	-0.684	-14.316
2) JSWEL	11.627	241.211	Total	127.706	2660.361
3) VIPL	12.239	268.944	a) Mumbai Schedule	19.395	459.039
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	20.783	510.911
5) WPCL	4.078	83.842	c) MSEDCL Bilateral *	35.918	535.887
6) PGPL	0.000	27.691	Include PX	1.763	10.188
7) Other IPP	9.165	201.108	d) Mumbai Bilateral *	19.395	459.039
C) 1) TPCL Thermal	14.313	226.289	Include PX	1.484	71.398
2) TPCL Hydro	3.313	98.004	Include Standby	0.000	0.000
3) TPCL Gas	4.255	87.312	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.460	230.331	1) MSEDCL	358.509	7935.542
D) STATE			2) Mumbai Discoms	53.124	1152.844
1) Thermal	243.809	5355.803	TOTAL STATE	411.633	9088.386
(A1+C1+C4+(B1-B6))					
2) Hydro	19.877	526.399			
(A2+C2)					
3) Gas	15.060	326.295			
(A3+B6+C3)					
4) Wind	3.888	193.252			
6) SOLAR	1.293	26.279			
TOTAL STATE	283.927	6428.028			

* 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 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	6604	6582	5773	5175
MSPGCL Hydro	1480	1354	427	207
MSPGCL Gas	431	437	445	457
MSPGCL Total Generation	8515	8373	6645	5839
Central Sector Receipt	6375	6032	5569	4130
WIND	54	45	109	233
CPP / IPP Thermal	3402	3400	3401	2820
CPP / IPP Gas	0	0	0	0
SOLAR	190	193	0	0
Exchange with Mumbai	-1079	-1046	-1197	-860
MSEDCL DEMAND MET	17457	16997	14527	12162
Load Shedding	0	0	0	0
MSEDCL DEMAND	17457	16997	14527	12162
TPCL GENERATION	1170	1157	1024	705
R-INFRA GENERATION	505	509	385	386
MUMBAI DEMAND	2754	2712	2606	1951
STATE DEMAND MET	20211	19709	17133	14113
STATE DEMAND	20211	19709	17133	14113
Frequency (Hz)	50.00	50.00	49.97	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 06.02 Hrs	49.85 Hz at 05.40 Hrs	49.98	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/Dec/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	0.00	41.25	0	0
Unit 8	0.00	144.07	0	0
Unit 9	8.33	199.86	351	340
Total	8.33	385.18		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.36	224.88	510	355
Unit 5	10.34	222.90	510	355
Total	20.70	447.78		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.30	114.37	250	195
Unit 7	5.24	111.52	248	184
Unit 8	0.00	0.00	0	0
Total	10.54	225.89		
Chandrapur				
Unit 3	4.35	85.72	196	163
Unit 4	4.35	95.51	191	168
Unit 5	10.06	214.11	465	360
Unit 6	9.77	150.68	455	350
Unit 7	9.27	204.09	426	343
Unit 8	9.47	172.86	437	360
Unit 9	9.19	126.88	426	338
Total	56.45	1049.86		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.43	117.01	251	200
Total	5.43	117.01		
Khaparkheda				
Unit 1	4.20	83.21	195	155
Unit 2	4.22	93.29	200	155
Unit 3	4.31	95.46	204	161
Unit 4	4.19	93.21	192	160
Unit 5	10.72	236.15	500	365
Total	27.63	601.32		
Nasik				
Unit 3	0.00	45.35	0	0
Unit 4	3.96	61.05	170	160
Unit 5	3.95	74.26	170	140
Total	7.91	180.66		
Uran				
All Units	10.80	211.29	475	423
Total	10.80	211.29		
PGPL				
Unit 1	0.00	17.05	0	0
Unit 2	0.00	10.64	0	0
Total	0.00	27.69		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.18	4.83	53	0
Total	0.18	4.83		
Koyna				
Stage 1-2	4.95	120.66	550	40
Stage 4	5.28	159.99	634	0
Stage 3	1.75	59.53	240	0
Total	11.99	340.18		
Hydro				
KDPH	0.89	9.85	37	37
VTRNA	0.42	9.42	60	0
TILLARI	0.00	5.64	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.23	5.74	40	0
RNGR+BHTSA	0.36	7.37	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.78	15.30	42	30
GHATGHAR	1.89	34.89	250	0
Total	4.58	88.21		
Wind				
Total	3.89	193.25	0	0
Total	3.89	193.25		
CPP				
APML(Mus)	39.63	1064.35	0	0
JSWEL(Mus)	11.63	241.21	0	0
VIPL(Mus)	12.24	268.94	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.08	83.84	0	0
Other(Mus)	9.16	201.11	0	0
Total	76.74	1859.46		
SOLAR				
Total	1.29	26.28	0	0
Total	1.29	26.28		
Tata				
Trombay 5	9.26	203.46	475	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.68	54.37	116	93
Trombay 7B	1.57	32.94	68	59
Trombay 8	5.05	22.83	248	200
TATA Hydro	3.31	98.00	309	0
Total	21.88	411.60		
R-INFRA				
1-2	10.46	230.33	509	385
Total	10.46	230.33		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Koradi 10	5.31	32.02

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	142.29	3039.72
MSPGCL Thml+Gas	153.10	3251.02
MSPGCL Hydro	16.56	428.40

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	169.66	3679.41
Koyna 1,2 & 4 Total	10.24	280.66
State Total	283.93	6428.03

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/Dec/2016

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	5428	168	467	6063	166	2994	0	0	3951	4039	-703	12559	0	12559	1784	14343	49.99
2	5494	144	449	6087	232	2854	0	0	3896	4090	-551	12712	0	12712	1636	14348	50.01
3	5510	123	469	6102	313	2840	0	0	3875	3889	-494	12650	0	12650	1558	14208	49.97
4	5526	133	449	6108	296	2850	0	0	3863	3956	-440	12770	0	12770	1495	14265	49.97
5	5554	128	470	6152	307	2827	0	0	4083	4268	-455	13099	0	13099	1509	14608	50.00
6	5691	157	451	6299	327	2841	0	0	5116	5068	-572	13963	0	13963	1624	15587	49.99
7	6257	473	470	7200	290	3155	0	0	5721	5654	-683	15616	0	15616	1781	17397	49.99
8	6622	1134	449	8205	266	3407	0	8	5699	5625	-581	16930	0	16930	1952	18882	49.95
9	6655	1257	475	8387	174	3439	0	81	6090	6064	-748	17397	0	17397	2182	19579	49.96
10	6665	1408	451	8524	132	3431	0	118	6192	6229	-929	17505	0	17505	2543	20048	49.96
11	6642	1197	454	8293	104	3416	0	172	6282	6464	-1033	17416	0	17416	2687	20103	49.99
12	6604	1480	431	8515	54	3402	0	190	6357	6375	-1079	17457	0	17457	2754	20211	50.00
13	6582	1354	437	8373	45	3400	0	193	6325	6032	-1046	16997	0	16997	2712	19709	50.00
14	6401	1248	423	8072	42	3390	0	179	6267	6371	-987	17067	0	17067	2625	19692	50.02
15	6106	1202	436	7744	31	3401	0	170	6284	6310	-948	16708	0	16708	2618	19326	49.96
16	6189	1596	432	8217	34	3406	0	111	6283	6272	-951	17089	0	17089	2614	19703	49.96
17	6163	1174	445	7782	41	3393	0	59	6029	6114	-910	16479	0	16479	2607	19086	49.96
18	6062	280	434	6776	68	3384	0	12	5722	5649	-1054	14835	0	14835	2566	17401	50.00
19	5773	427	445	6645	109	3401	0	0	5797	5569	-1197	14527	0	14527	2606	17133	49.97
20	5605	473	437	6515	136	3293	0	0	5719	5622	-1180	14386	0	14386	2543	16929	49.99
21	5229	321	464	6014	145	3234	0	0	5192	5132	-1217	13308	0	13308	2422	15730	49.96
22	5168	331	443	5942	154	3209	0	0	4677	4434	-1145	12594	0	12594	2243	14837	50.00
23	5192	149	467	5808	189	2956	0	0	4451	4350	-1020	12283	0	12283	2112	14395	50.01
24	5175	207	457	5839	233	2820	0	0	4148	4130	-860	12162	0	12162	1951	14113	50.01
MUs	142.29	16.56	10.81	169.66	3.89	76.74	0.00	1.29	128.02	127.71	-20.78	358.51	0.00	358.51	53.12	411.63	49.98

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/Dec/2016

Position as on 6.30 Hrs of 23/Dec/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	Paras Unit 3	250	25/10/2016	08.54		Continued.	(Stator Fault)continued under AOH.26/10/2016 00.00hrs	
MSPGCL	Koradi Unit-8	660	12/12/2016	23.59		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	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	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	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	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
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-3	270	29/06/2016	03.01		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPPL	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	
MSPGCL	Bhusawal Unit 3	210	16/09/2016	00.02		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Koyna Unit 11	80	24/09/2016	03.20		Continued.	Stator Earth Fault	
IPP	Adani U-1	660	06/11/2016	11.10		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	15/11/2016	20.00		Continued.	Zero schedule	
IPP	JSW (J) U1	300	16/11/2016	14.38		Continued.	Due To CW Duct Leakage.	
IPP	RPL(AMT) U-4	270	16/11/2016	21.03		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	16/11/2016	22.36		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	17/11/2016	17.23		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	18/11/2016	16.23		Continued.	w/dn for balance work.	
IPP	JSW (J) U2	300	01/12/2016	00.00		Continued.	No Schedule.	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 22/Dec/2016

Position as on 6.30 Hrs of 23/Dec/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Nasik Unit 3	210	11/12/2016	16.50		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 7	210	19/12/2016	21.52		Continued.	Zero Schedule BY MSEDCL	
PGPL	PGPL U1	262	20/12/2016	18.30		Continued.	No Schedule	
PGPL	PGPL U2	126	20/12/2016	18.32		Continued.	No Schedule	
IPP	Adani U-2	660	21/12/2016	11.02		Continued.	Air preheater problem	
MSPGCL	Koradi Unit 10	660	22/12/2016	13.10		Continued.	Main steam line leakage.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/Dec/2016

Statement-VII

Position as on 6.30 Hrs of 23/Dec/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 1	IntraState	21/12/2016	23.45	22/12/2016	05.39	HT	Over Voltage
Chandrapur - Padghe Hvdc Pole 2	IntraState	21/12/2016	23.47	22/12/2016	05.39	HT	Over Voltage
400 KV LINE Outages/Trippings							
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	20/12/2016	09.26	22/12/2016	06.15	PO	Replacement of cross arm member and AMP.
Dhule Sar'Sarovar II	InterState	21/12/2016	18.40	22/12/2016	09.22	T	Tripped at SSNL end only on main protection operated later on H/t at dhule end at 19.11 hrs for o/v.
Dhule Sar'Sarovar II	InterState	22/12/2016	20.20	23/12/2016	07.05	HT	Over Voltage
Koradi-India Bulls	IntraState	21/12/2016	11.28	22/12/2016	05.48	PO	Y- Phase CT replacement work.
Karad-Jaigad - I	IntraState	21/12/2016	17.10	22/12/2016	10.20	HT	Over Voltage
karad -kolhapur-I	IntraState	21/12/2016	19.46	22/12/2016	09.29	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	21/12/2016	19.56	22/12/2016	07.34	HT	I/S.
Girwali- Lonikand 2	IntraState	22/12/2016	10.20	22/12/2016	16.31	EO	Heavy Oil Leakage
Koradi-Bhusawal	IntraState	22/12/2016	12.51	22/12/2016	13.01	PO	Taking line reactor out at bhusawal end.
karad -kolhapur-II	IntraState	22/12/2016	16.27		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	22/12/2016	16.34		Continued.	T	Over Voltage
Bhusawal-Aurangabad	IntraState	22/12/2016	18.03		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	22/12/2016	20.53		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 kV 315 MVA ICT-I @Chandrapur	IntraState	21/12/2016	16.31		Continued.	EO	Oil leakage on bushing.
400/220kv 315 Mva ICT I @Karad	IntraState	22/12/2016	16.14	22/12/2016	19.30	PO	Outage for conductor Maintenance Work.
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	22/12/2016	17.45	22/12/2016	17.50	HT	Testing Work
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	22/12/2016	23.17	23/12/2016	00.32	PO	Passiry spare ICT below ICT 1.
220 KV LINE Outages/Trippings							
Nasik Navsari II	InterState	22/12/2016	09.48	22/12/2016	18.27	PO	Code :2041 p.m work 2085.
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.
Kalwa - Borivali	IntraState	27/10/2016	08.32		Continued.	HT	Outage availed on28.10.2016 at 08:09 hrs for construction activity of Mumbai strenghtning work
Mulund - GIS Bhandup	IntraState	27/10/2016	08.53		Continued.	HT	outage availed on 28.10.2016 at 09:30hrs for construction activity of mumbai strenghtning work.
karad - Dasgaon	IntraState	20/12/2016	09.37		Continued.	PO	Construction Work.
Walchandnagar-Bhigwan	IntraState	22/12/2016	10.02	22/12/2016	17.20	PO	Construction work.
Jambhul - Pal	IntraState	22/12/2016	10.02	22/12/2016	11.25	T	Bus bar protection operated at jambul load affected 180mw approx.
Padghe - Jambhul 1	IntraState	22/12/2016	10.02	22/12/2016	10.50	T	Bus bar protection operated at jambul load affected 180mw approx.
Padghe - Jambhul 2	IntraState	22/12/2016	10.02	22/12/2016	10.51	T	Bus bar protection operated at jambul load affected 180mw approx.
Jambhul - Anandnagar	IntraState	22/12/2016	10.02	22/12/2016	10.52	T	Bus bar protection operated 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 22/Dec/2016

Statement-VII

Position as on 6.30 Hrs of 23/Dec/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Anandnagar - Pal	IntraState	22/12/2016	10.02	22/12/2016	11.11	T	jambul load affected 180mw approx. Bus bar protection operated at jambul load affected 180mw approx.
Wadkhal - Ndil 2	IntraState	22/12/2016	10.08	23/12/2016	01.17	PO	Line Maintenance work
Alephata-Pargaon(Kathapur)	IntraState	22/12/2016	10.16	22/12/2016	18.30	PO	Insulator Replacement Work
Chandrapur GCR - Sicom II	IntraState	22/12/2016	11.00	22/12/2016	13.30	PO	Tan delta measurement of CT.
Balapur-Akola li	IntraState	22/12/2016	11.05	22/12/2016	15.39	PO	CTS tandelta and CB CRM timing measurement.
Hinganghat - Hinganghat Rly TSS 1	IntraState	22/12/2016	11.22	22/12/2016	13.31	PO	Measurement of tan delta of CT.
Gadchandur - Virur-I	IntraState	22/12/2016	12.15	22/12/2016	15.25	PO	Online retrofitting of B/up relay.
Kharghar-PGPL	IntraState	22/12/2016	12.46	22/12/2016	15.07	T	Distance Protection
Nagothane - ACCIL	IntraState	22/12/2016	12.46	22/12/2016	13.54	T	Distance Protection
Ambazari-Kalmeshwar	IntraState	22/12/2016	13.56	22/12/2016	15.50	PO	for LED b/b switching panel commissioning work.
Gadchandur - Virur-li	IntraState	22/12/2016	15.50	22/12/2016	19.00	PO	Online retrofitting of B/up relay.
Pophali - Pedambe II	IntraState	22/12/2016	19.55	22/12/2016	18.45	T	LA burst R phase pophali 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)
220/100 Kv 50 Mva Gec Ict 1 @Kandalgaon	IntraState	15/12/2016	12.15		Continued.	PO	Augumentation Work(Outage for 3 Months).
220/100 Kv 100 Mva Vijai Ict 1 @Jambhul	IntraState	22/12/2016	10.02	22/12/2016	10.57	T	Bus bar protection operated at jambul load affected 180mw approx.
220/100 Kv 125 Mva Hel Ict 2 @Jambhul	IntraState	22/12/2016	10.02	22/12/2016	10.53	T	Bus bar protection operated at jambul load affected 180mw approx.
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	22/12/2016	10.03	22/12/2016	15.24	PO	Attending Oil Leakage
220/132kv 100 Mva Imp Ict 2 @Limbala Midc Hingoli	IntraState	22/12/2016	11.05	22/12/2016	15.39	PO	Attending Hot Spot
220/132 Kv 200 Mva Bbl Ict 1 @Kalmeshwar	IntraState	22/12/2016	11.05	22/12/2016	15.39	PO	Attending Hot Spot
220/132 Kv 200 MVA ICT II @Kalmeshwar	IntraState	22/12/2016	15.00	22/12/2016	17.38	PO	Attending Oil Leakage
220/100 kv 200 MVA ICT-II @Kalwa	IntraState	22/12/2016	17.05	22/12/2016	17.48	PO	Routine Maintenance Work

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