

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Oct/2016 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	145.790	2624.556	1) Gujrat	4.719	143.227
2) Hydro	7.725	240.005	2) Madhya Pradesh	9.301	285.193
3) Gas	10.731	252.539	3) Chattisgarh	5.970	175.940
Total MSPGCL	164.246	3117.100	4) Maharashtra Net	99.027	2305.930
B) 1) APML	64.486	1587.478	5) Goa (Amona)	-0.592	-16.262
2) JSWEL	21.027	510.239	Total	118.425	2894.028
3) VIPL	12.602	297.189	a) Mumbai Schedule	21.195	508.762
4) RPL(AMT)	11.125	16.870	b) Mumbai Drawl	24.369	628.280
5) WPCL	5.153	104.334	c) MSEDCL Bilateral *	27.857	608.454
6) PGPL	0.000	0.000	Include PX	-1.297	-89.616
7) Other IPP	3.633	78.539	d) Mumbai Bilateral *	21.195	508.762
C) 1) TPCL Thermal	15.333	362.849	Include PX	0.979	16.788
2) TPCL Hydro	6.219	98.903	Include Standby	0.000	0.000
3) TPCL Gas	4.460	110.556	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.461	256.692	1) MSEDCL	380.014	8200.546
D) STATE			2) Mumbai Discoms	60.842	1457.292
1) Thermal	289.610	5838.746	TOTAL STATE	440.856	9657.838
(A1+C1+C4+(B1-B6))					
2) Hydro	13.944	338.908			
(A2+C2)					
3) Gas	15.191	363.095			
(A3+B6+C3)					
4) Wind	2.410	195.214			
6) SOLAR	1.276	27.835			
TOTAL STATE	322.431	6763.798			

* 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 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6369	6403	6471	5517
MSPGCL Hydro	528	316	991	126
MSPGCL Gas	428	421	453	449
MSPGCL Total Generation	7325	7140	7915	6092
Central Sector Receipt	5860	5520	5004	3523
WIND	57	92	158	90
CPP / IPP Thermal	5176	5221	5215	4277
CPP / IPP Gas	0	0	0	0
SOLAR	171	50	0	0
Exchange with Mumbai	-1283	-1096	-1058	-812
MSEDCL DEMAND MET	17306	16927	17234	13170
Load Shedding	0	0	0	0
MSEDCL DEMAND	17306	16927	17234	13170
TPCL GENERATION	1319	1373	1355	699
R-INFRA GENERATION	492	502	507	386
MUMBAI DEMAND	3094	2971	2920	1897
STATE DEMAND MET	20400	19898	20154	15067
STATE DEMAND	20400	19898	20154	15067
Frequency (Hz)	49.96	49.87	49.98	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 13:02 Hrs	49.74 Hz at 08:06 Hrs	49.96	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 25/Oct/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	3.62	19.76	180	130
Unit 8	12.44	264.44	570	480
Total	16.06	284.20		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.98	55.26	510	370
Unit 5	9.00	24.36	510	0
Total	19.98	79.63		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	1.82	6.54	184	0
Unit 7	4.10	30.67	194	144
Total	5.92	37.21		
Chandrapur				
Unit 3	4.41	70.37	197	167
Unit 4	4.33	91.80	189	165
Unit 5	10.10	238.49	455	369
Unit 6	10.29	244.53	465	358
Unit 7	9.41	228.25	421	359
Unit 8	11.15	241.69	500	360
Total	49.69	1115.13		
Paras				
Unit 3	1.89	127.76	250	0
Unit 4	5.63	117.31	252	200
Total	7.52	245.07		
Khaparkheda				
Unit 1	4.24	36.54	190	160
Unit 2	4.17	37.25	195	155
Unit 3	4.40	59.17	205	162
Unit 4	4.18	43.99	190	162
Unit 5	10.93	262.06	500	374
Total	27.93	439.01		
Nasik				
Unit 3	4.29	78.70	200	160
Unit 4	4.30	107.30	200	160
Unit 5	0.00	27.27	0	0
Total	8.59	213.28		
Uran				
All Units	10.73	252.54	466	420
Total	10.73	252.54		
PGPL				
Unit 1	0.00	0.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	1.04	20.56	52	37
Total	1.04	20.56		
Koyna				
Stage 1-2	2.38	82.67	370	40
Stage 4	1.73	67.81	415	0
Stage 3	0.90	34.91	182	0
Total	5.00	185.39		
Hydro				
KDPH	0.89	9.29	37	37
VTRNA	0.00	5.00	0	0
TILLARI	0.25	7.31	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	7.18	80	0
RNGR+BHTSA	0.00	3.43	0	0
BHANDARDRA	0.00	1.46	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.88	9.11	47	34
GHATGHAR	0.37	11.84	201	0
Total	2.72	54.62		
Wind				
Total	2.41	195.21	0	0
Total	2.41	195.21		
CPP				
APML(Mus)	64.49	1587.48	0	0
JSWEL(Mus)	21.03	510.24	0	0
VIPL(Mus)	12.60	297.19	0	0
RPLAMT(Mus)	11.12	16.87	0	0
WPCL(Mus)	5.15	104.33	0	0
Other(Mus)	3.63	78.54	0	0
Total	118.03	2594.65		
SOLAR				
Total	1.28	27.84	0	0
Total	1.28	27.84		
Tata				
Trombay 5	9.89	230.75	486	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.84	70.20	121	114
Trombay 7B	1.62	40.36	69	66
Trombay 8	5.44	132.10	248	201
TATA Hydro	6.22	98.90	459	0
Total	26.01	572.31		
R-INFRA				
1-2	10.46	256.69	509	384
Total	10.46	256.69		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	89.85
Koradi 9	10.10	121.18
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	145.79	2624.56
MSPGCL Thml+Gas	156.52	2877.10
MSPGCL Hydro	7.72	240.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	164.25	3117.10
Koyna 1,2 & 4 Total	4.11	150.48
State Total	322.43	6763.80

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 25/Oct/2016

Annexure-2

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	5555	116	450	6121	152	4530	0	0	4103	4257	-1070	13990	0	13990	2153	16142	49.98
2	5545	116	451	6112	105	4316	0	0	3823	4094	-935	13692	0	13692	2018	15710	49.98
3	5517	126	449	6092	90	4277	0	0	3854	3523	-812	13170	0	13170	1897	15067	49.98
4	5485	116	463	6064	72	4295	0	0	3823	3662	-735	13358	0	13358	1827	15185	49.98
5	5594	111	453	6158	80	4374	0	0	4120	3773	-725	13660	0	13660	1821	15481	49.98
6	5692	116	463	6271	68	4681	0	0	5019	4553	-829	14744	0	14744	1915	16659	49.98
7	5919	116	462	6497	80	4758	0	1	5139	5242	-767	15811	0	15811	2023	17834	49.98
8	6360	391	463	7214	74	4823	0	26	5267	5383	-686	16834	0	16834	2169	19003	49.98
9	6523	458	450	7431	122	4996	0	86	5361	5588	-971	17252	0	17252	2570	19822	49.96
10	6333	825	462	7620	117	5118	0	134	5562	5612	-1018	17583	0	17583	2816	20399	49.97
11	6369	528	428	7325	57	5176	0	171	5616	5860	-1283	17306	0	17306	3094	20400	49.96
12	6416	329	429	7174	21	5181	0	184	5568	5508	-1256	16812	0	16812	3112	19924	49.95
13	6452	191	438	7081	19	5128	0	184	5543	5214	-1293	16333	0	16333	3068	19401	49.93
14	6376	221	423	7020	29	5077	0	167	5453	5596	-1224	16665	0	16665	2965	19630	49.93
15	6341	401	443	7185	45	5164	0	148	5479	5453	-1161	16834	0	16834	2994	19828	49.91
16	6422	361	447	7230	75	5227	0	118	5511	5294	-1138	16806	0	16806	3011	19817	49.91
17	6403	316	421	7140	92	5221	0	50	5498	5520	-1096	16927	0	16927	2971	19898	49.87
18	6461	364	420	7245	112	5157	0	7	5431	4880	-1038	16363	0	16363	2910	19273	49.94
19	6471	991	453	7915	158	5215	0	0	5427	5004	-1058	17234	0	17234	2920	20154	49.98
20	6383	824	440	7647	207	5221	0	0	5547	4916	-1044	16947	0	16947	2816	19763	49.96
21	6075	291	445	6811	174	5189	0	0	5455	5142	-960	16356	0	16356	2697	19053	49.98
22	6018	190	456	6664	132	5145	0	0	5323	5034	-991	15984	0	15984	2486	18470	49.98
23	5731	111	466	6308	136	4971	0	0	5169	4918	-1164	15169	0	15169	2383	17552	49.97
24	5349	116	456	5921	193	4784	0	0	5017	4399	-1115	14182	0	14182	2206	16388	49.97
MUs	145.79	7.73	10.73	164.25	2.41	118.03	0.00	1.28	122.11	118.43	-24.37	380.01	0.00	380.01	60.84	440.86	49.96

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 25/Oct/2016

Position as on 6.30 Hrs of 26/Oct/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	
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 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14:55		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	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	
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	
IPP	RPL(AMT) U-2	270	12/09/2016	00.03		Continued.	Zero Schedule by MSEDCL	
PGPL	PGPL U2	126	14/09/2016	00.16		Continued.	Due To No Shedule.	
PGPL	PGPL U1	262	14/09/2016	00.20		Continued.	Due To No Shedule.	
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	
MSPGCL	Nasik Unit 5	210	07/10/2016	16.30		Continued.	Zero Schedule By MSEDCL	
CENT.SECTOR	TARAPUR 4	540	21/10/2016	19.00		Continued.	Reactor problem	
MSPGCL	Parli Unit 6	250	22/10/2016	03.32	25/10/2016	10.38	Ms temp Low.	
MSPGCL	Chandrapur Unit 9	500	24/10/2016	21.37		Continued.	Bearing vibration high	
MSPGCL	Paras Unit 3	250	25/10/2016	08.54		Continued.	Stator Winding Earth Fault.	
MSPGCL	Bhusawal Unit 5	500	25/10/2016	19.48	25/10/2016	23.29	Electrical Prot Optd.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 26/Oct/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	24/10/2016	22.35	25/10/2016	06.42	HT	Over Voltage
Akola Aurangabad(PG) I	InterState	25/10/2016	09.00	25/10/2016	21.55	PO	Testing And Maintenance Work.
Dhule Sar'Sarovar II	InterState	25/10/2016	22.31	26/10/2016	06.57	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	09/10/2016	12.29		Continued.	PO	Hot Spot on Isolator(RFC from 17.36HrsDt.10-10-2016)
Main Bus A @Kharghar	IntraState	25/10/2016	03.45	25/10/2016	22.55	PO	Annual Maintenance Work
Koradi-India Bulls	IntraState	25/10/2016	10.13	25/10/2016	10.42	EO	Attend Reactor Maintenace Week.
Koradi-India Bulls	IntraState	25/10/2016	12.30	25/10/2016	13.03	EO	Attend Reactor Maintenace Work.
Padghe - Kalwa-II	IntraState	25/10/2016	23.58	26/10/2016	03.12	EO	Attending Hot Spot
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva Ict- 2 @Kharghar	IntraState	25/10/2016	02.28	25/10/2016	17.39	HT	Bus A outage work.
400/220kv 315 Mva ICT III @Karad	IntraState	25/10/2016	10.49	25/10/2016	20.04	PO	R&M Work.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Talandage end) (QM work done from 13:05Hrs to 17:23Hrs on 5/10/2016)
Mudshingi - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Chikodi end)
Mahalakshmi Amona	InterState	25/10/2016	14.02	25/10/2016	14.52	T	Distance Protection
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.
Bableshwar- Ranjangaon	IntraState	06/06/2016	07.22		Continued.	HT	Hand Tripped for Ranjangaon End.
Bableshwar -Bhenda	IntraState	24/10/2016	06.57		Continued.	HT	Alaphata line loading.
Salsette Borivli 2	IntraState	25/10/2016	00.23	25/10/2016	04.18	PO	Line Maintenance work
Bhaveghar - Kolshet	IntraState	25/10/2016	08.24	25/10/2016	19.30	PO	Outage Availd For Contruction Work And Lilo Arreanment.
Halkarni-Hemrusline	IntraState	25/10/2016	09.10	25/10/2016	14.28	PO	R&M Work.
Vita - Miraj	IntraState	25/10/2016	10.30	25/10/2016	12.48	PO	Quarterly Maintainance Work
Kalwa Salsette III	IntraState	26/10/2016	00.28	26/10/2016	04.14	PO	New 220kv Bus Fault Intregation.
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 200 Mva Vijai Ict 1 @Babhleshwar	IntraState	03/09/2016	14.45		Continued.	PO	Dismantling of ICT 1 &transfer to 220kv Amalner S/S.
220/132 Kv 200mva Ptr No 1 @Theur	IntraState	22/10/2016	10.34		Continued.	PO	Maintenance Work.
220/33 Kv 50 Mva Bhel Ptr 1 @Babhleshwar	IntraState	22/10/2016	11.05		Continued.	PO	Maintenance Work.
100 KV LINE Outages/Trippings							
Kolshet - Vasai	IntraState	25/10/2016	08.00	25/10/2016	19.44	HT	Control Load On Kolshet

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