

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	75.747	2038.026	1) Gujrat	5.872	-119.600
2) Hydro	18.484	189.791	2) Madhya Pradesh	20.955	334.557
3) Gas	9.961	181.097	3) Chattisgarh	8.760	178.100
Total MSPGCL	104.192	2408.914	4) Maharashtra Net	82.887	1628.884
B) 1) APML	46.043	1189.767	5) Goa (Amona)	-0.570	-16.353
2) JSWEL	21.297	504.373	6) TAPS 1&2 Injection	0.106	79.935
3) VIPL	6.848	215.933	7) RGPPL Injection	11.783	285.673
4) RPL(AMT)	0.000	3.657	8) Pench (MS)	0.241	5.167
5) WPCL	2.463	81.459	9) Pench (Excess)	-0.241	-5.167
6) Other IPP	2.635	60.795	Total	129.552	2366.029
C) 1) TPCL Thermal	16.713	372.070	a) Mumbai Schedule	21.056	500.916
2) TPCL Hydro	6.794	103.456	b) Mumbai Drawl	22.740	589.359
3) TPCL Gas	0.215	67.966	c) MSEDCL Bilateral *	33.120	680.911
4) R-INFRA Thermal	11.703	265.131	Include PX	0.000	-141.814
D) STATE			d) Mumbai Bilateral *	21.056	500.916
1) Thermal	183.449	4731.211	Include PX	4.983	53.716
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	25.278	293.247	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	10.176	249.063	1) MSEDCL	301.061	7102.731
4) Wind	9.971	842.573	2) Mumbai Discoms	58.165	1397.982
6) SOLAR	0.800	18.590	TOTAL STATE	359.226	8500.713
TOTAL STATE	229.674	6134.684			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3225	3240	3173	3034
MSPGCL Hydro	1116	1129	1455	59
MSPGCL Gas	430	412	426	432
MSPGCL Total Generation	4771	4781	5054	3525
Central Sector Receipt	6351	6172	5531	4922
WIND	245	170	564	436
CPP / IPP	3339	3341	3318	3097
SOLAR	93	99	0	0
Exchange with Mumbai	-1378	-1331	-1070	-721
MSEDCL DEMAND MET	13421	13232	13398	11259
Load Shedding	0	0	62	0
MSEDCL DEMAND	13421	13232	13460	11259
TPCL GENERATION	1112	1115	1127	516
R-INFRA GENERATION	501	510	511	403
MUMBAI DEMAND	2991	2956	2708	1640
STATE DEMAND MET	16412	16188	16106	12899
STATE DEMAND	16412	16188	16168	12899
Frequency (Hz)	49.97	49.92	49.84	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.1 Hz at 16:04 Hrs	49.7 Hz at 19:26 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 25/Jul/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.32	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.60	0	0
Unit 8	11.10	296.51	500	405
Total	11.10	297.43		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	30.01	0	0
Unit 4	0.00	9.10	0	0
Unit 5	0.00	9.00	0	0
Total	0.00	48.11		
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	4.03	92.24	185	144
Unit 4	4.00	94.65	175	158
Unit 5	0.00	179.16	0	0
Unit 6	9.58	223.05	420	340
Unit 7	8.26	180.77	383	310
Unit 8	6.63	127.92	338	201
Total	32.50	897.78		
Paras				
Unit 3	5.93	129.74	256	222
Unit 4	5.12	121.99	250	165
Total	11.05	251.73		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	19.12	0	0
Unit 3	0.00	19.82	0	0
Unit 4	0.00	28.00	0	0
Unit 5	12.00	264.11	500	497
Total	12.00	331.06		
Nasik				
Unit 3	4.60	104.60	200	165
Unit 4	0.00	0.00	0	0
Unit 5	4.50	103.93	196	164
Total	9.10	208.53		
Uran				
All Units	9.96	181.10	433	366
Total	9.96	181.10		
PENCH (MS)				
Pench (MS)	0.24	5.17	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.24	5.17		
Koyna				
Stage 1-2	5.41	69.84	545	45
Stage 4	7.76	27.34	951	0
Stage 3	3.15	40.92	240	0
Total	16.32	138.10		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	4.12	0	0
TILLARI	0.13	7.42	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.46	10.28	80	0
RNGR+BHTSA	0.00	0.15	0	0
BHANDARDRA	0.00	8.27	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.22	1.36	10	9
GHATGHAR	1.35	20.08	125	0
Total	2.16	51.69		
Wind				
Total	9.97	842.57	0	0
Total	9.97	842.57		
CPP				
APML(Mus)	46.04	1189.77	0	0
JSWEL(Mus)	21.30	504.37	0	0
VIPL(Mus)	6.85	215.93	0	0
RPLAMT(Mus)	0.00	3.66	0	0
WPCL(Mus)	2.46	81.46	0	0
Other(Mus)	2.64	60.80	0	0
Total	79.29	2055.98		
SOLAR				
Total	0.80	18.59	0	0
Total	0.80	18.59		
Tata				
Trombay 5	10.98	237.44	487	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.22	42.45	55	10
Trombay 7B	0.00	25.52	0	0
Trombay 8	5.73	134.64	250	202
TATA Hydro	6.79	103.46	387	18
Total	23.72	543.49		
R-INFRA				
1-2	11.70	265.13	511	402
Total	11.70	265.13		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 9	0.00	1.92	MSPGCL Thermal	75.75	2038.03	MSPGCL Total	104.19	2408.91
Koradi 9	0.00	0.00	MSPGCL Thml+Gas	85.71	2219.12	Koyna 1,2 & 4 Total	13.17	97.18
Koradi 10	0.00	1.46	MSPGCL Hydro	18.48	189.79	State Total	229.67	6134.68
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 25/Jul/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													
1	3180	55	431	3666	702	3356	0	4489	4427	-785	11366	0	11366	1960	13326	49.97
2	3158	55	421	3634	559	3349	0	4468	4347	-685	11204	0	11204	1799	13003	49.94
3	3069	55	432	3556	542	3193	0	4643	4749	-761	11279	0	11279	1700	12979	49.93
4	3034	59	432	3525	436	3097	0	4781	4922	-721	11259	0	11259	1640	12899	49.97
5	2957	54	422	3433	440	3108	0	4760	4929	-638	11272	0	11272	1637	12910	49.95
6	3096	161	433	3690	431	3240	0	4844	4991	-432	11920	0	11920	1795	13715	49.96
7	3145	788	423	4356	344	3336	2	4979	4995	-418	12614	0	12614	1955	14570	49.94
8	3113	984	424	4521	314	3339	27	5180	5641	-538	13304	0	13304	2151	15455	49.99
9	3167	970	403	4540	288	3335	61	5630	5943	-846	13321	0	13321	2473	15794	49.99
10	3189	883	416	4488	318	3355	85	5958	6226	-1196	13276	0	13276	2801	16077	49.92
11	3225	1116	430	4771	245	3339	93	5887	6351	-1378	13421	0	13421	2991	16412	49.97
12	3214	1357	404	4975	155	3342	109	5692	5953	-1417	13116	0	13116	3033	16150	49.94
13	3240	1129	412	4781	170	3341	99	5449	6172	-1331	13232	0	13232	2956	16188	49.92
14	3215	733	409	4357	234	3332	69	5518	5539	-1231	12300	0	12300	2858	15158	49.93
15	3179	899	409	4487	288	3327	97	5398	5764	-1239	12724	0	12724	2868	15592	49.96
16	3157	872	412	4441	358	3334	71	5359	5697	-1204	12698	0	12698	2830	15528	49.98
17	3149	971	413	4533	610	3340	54	5118	6019	-1168	13388	0	13388	2792	16180	49.96
18	3153	559	424	4136	581	3334	29	5086	4894	-1158	11816	0	11816	2752	14568	49.99
19	3155	792	419	4366	513	3308	4	5277	5830	-1036	12984	0	12984	2648	15632	49.93
20	3173	1455	426	5054	564	3318	0	5315	5531	-1070	13398	62	13460	2708	16168	49.84
21	3154	1681	413	5248	670	3310	0	5294	5122	-1012	13338	54	13392	2658	16050	49.94
22	3159	1265	366	4790	452	3332	0	5229	5069	-897	12746	0	12746	2509	15256	49.91
23	3236	1056	381	4673	341	3308	0	5094	4784	-861	12246	0	12246	2361	14606	49.97
24	3230	535	406	4171	416	3312	0	4903	5657	-718	12838	0	12838	2290	15128	49.93
MUs	75.75	18.48	9.96	104.19	9.97	79.29	0.80	124.35	129.55	-22.74	301.06	0.12	301.18	58.16	359.34	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 25/Jul/2016

Position as on 6.30 Hrs of 26/Jul/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	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55	25/07/2016	21.12	Refuelling work	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
MSPGCL	Nasik Unit 4	210	19/06/2016	00.20		Continued.	Capital Overhaul.	
IPP	JSW (J) U3	300	21/06/2016	18.15		Continued.	Capital Overhaul	
MSPGCL	Khaparkheda Unit 1	210	25/06/2016	23.45		Continued.	Zero Schedule by MSEDCL from 00.00Hrs Dt.18-7-16 and A.O.H from 25/06/2016 to 17/07/2016	
MSPGCL	Bhusawal Unit 4	500	01/07/2016	23.55		Continued.	A.O.H from 17/07/2016 and Zero Shedule By MSEDCL from 1/07/2016 to 16/07/2016.	
IPP	VIPL U-2	300	15/07/2016	00.16		Continued.	Genrator Inspection.	
TPC-G	Trombay 7B	60	19/07/2016	21.49	26/07/2016	05.26	Mandatory Gas Path Inspection for 7 Days	
TPC-G	Trombay 7A	120	19/07/2016	22.02	25/07/2016	19.20	Mandatory Gas Path Inspection for 7 Days	
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 Shedule 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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Jul/2016

Position as on 6.30 Hrs of 26/Jul/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 5	200	01/07/2016	02.23		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Koradi Unit 7	210	01/07/2016	04.43		Continued.	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		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Chandrapur Unit 9	500	02/07/2016	07.26		Continued.	M.S.Temp.Low.	
MSPGCL	Khaparkheda Unit 2	210	05/07/2016	23.46		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Khaparkheda Unit 3	210	05/07/2016	23.52		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Khaparkheda Unit 4	210	08/07/2016	03.07		Continued.	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.	
IPP	Adani U-1	660	13/07/2016	02.29		Continued.	Zero Shedule By MSEDCL.	
RGPL	Dabhol 3B	230	18/07/2016	12.40		Continued.	Tripped.	
IPP	WPCL U-3	135	21/07/2016	00.02		Continued.	Boiler Tube Leakage	
CENT.SECTOR	TARAPUR-3	540	22/07/2016	20.30		Continued.	Reactor PCP mechanical seal damage	
MSPGCL	Chandrapur Unit 5	500	22/07/2016	22.48		Continued.	PA Fan problem	
MSPGCL	Paras Unit 4	250	23/07/2016	22.59	24/07/2016	Continued.	Furnace Pressure High	
CENT.SECTOR	Tarapur 1	160	24/07/2016	07.08		Continued.	Loss of Power supply	
RGPL	Dabhol 2B	230	24/07/2016	17.13		Continued.	Change Over	

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

Statement-VII

Position as on 6.30 Hrs of 26/Jul/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	20/07/2016	18.02	25/07/2016	10.06	HT	Over Voltage
Karad Solapur (PG)	InterState	23/07/2016	10.08	25/07/2016	09.09	PO	Attending Hot Spot
Kolhapur Solapur (PG) II	InterState	24/07/2016	00.41		Continued.	T	Over Voltage
Dhule Sar'Sarovar I	InterState	25/07/2016	10.06	25/07/2016	11.26	T	Over Voltage
Lamboti - Solapur (PG)	InterState	25/07/2016	11.36	25/07/2016	17.27	PO	Insulator Replacement Work
Kolhapur Solapur (PG) II	InterState	25/07/2016	13.04		Continued.	T	Over Voltage
Dhule Sar'Sarovar I	InterState	25/07/2016	16.04		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	01/07/2016	18.00		Continued.	HT	To control Load on Padgha-BBLSR Line
Bhusawal-Aurangabad	IntraState	02/07/2016	16.24		Continued.	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	22/07/2016	09.28		Continued.	PO	String replacement(RFC 16.51Hrs)
Karad-Jaigad - I	IntraState	23/07/2016	12.09	25/07/2016	08.37	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	25/07/2016	00.45	25/07/2016	07.12	HT	Over Voltage
Jaigad-New Koyna Ckt-II	IntraState	25/07/2016	09.43	25/07/2016	18.20	PO	Routine Maintenance Work
Chandrapur-II - Nanded	IntraState	25/07/2016	13.25	25/07/2016	21.22	PO	Attending Hot Spot
Karad-Jaigad - I	IntraState	25/07/2016	18.37		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	25/07/2016	20.42		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Badnera - Deoli (PG)	InterState	25/07/2016	19.34	25/07/2016	20.06	HT	Due To over Drawl by WRLDC from deoli end
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.
Aurangabad (Waluj)-Bhenda	IntraState	22/06/2016	23.02		Continued.	HT	Hand Tripped.
Kalwa-Salsette-IV	IntraState	28/06/2016	18.17		Continued.	T	Distance Protection
Vankuswade - Kdph	IntraState	24/07/2016	05.20		Continued.	T	Distance Protection
Bableshwar - Alephata	IntraState	24/07/2016	07.57		Continued.	HT	Load Diversion.
Ranjangaon-Lonikand	IntraState	24/07/2016	11.00		Continued.	PO	Overhauling Work.
Talandge(400)- Mudshingi 2 Line	IntraState	25/07/2016	10.20	25/07/2016	15.22	PO	Quarterly Maintainance Work
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)
100 KV LINE Outages/Trippings							
Vasai-Ii - Vasai 1 Line	IntraState	29/06/2016	11.28		Continued.	HT	To Control Kalwa-Salsette-6 Line Loading.

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