

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Jul/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	73.028	1962.279	1) Gujrat	-1.114	-125.472
2) Hydro	11.142	171.749	2) Madhya Pradesh	19.896	313.602
3) Gas	8.527	171.136	3) Chattisgarh	8.750	169.340
Total MSPGCL	92.697	2305.164	4) Maharashtra Net	78.671	1545.997
B) 1) APML	46.328	1143.724	5) Goa (Amona)	-0.526	-15.783
2) JSWEL	21.316	483.076	6) TAPS 1&2 Injection	0.268	79.829
3) VIPL	6.996	209.085	7) RGPPL Injection	10.563	273.890
4) RPL(AMT)	0.000	3.657	8) Pench (MS)	0.148	4.926
5) WPCL	2.447	78.996	9) Pench (Excess)	-0.148	-4.926
6) Other IPP	2.741	58.160	Total	116.360	2236.477
C) 1) TPCL Thermal	16.816	355.357	a) Mumbai Schedule	16.016	479.859
2) TPCL Hydro	6.206	96.662	b) Mumbai Drawl	13.928	566.619
3) TPCL Gas	0.000	67.751	c) MSEDCL Bilateral *	32.032	647.791
4) R-INFRA Thermal	11.612	253.428	Include PX	0.000	-141.814
D) STATE			d) Mumbai Bilateral *	16.016	479.859
1) Thermal	181.284	4547.762	Include PX	1.591	48.733
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	17.348	268.411	H) ENERGY CATERED (MUs)		
3) Gas	8.527	238.887	1) MSEDCL	288.481	6802.112
4) Wind	12.476	832.602	2) Mumbai Discoms	48.562	1339.817
6) SOLAR	1.048	17.790	TOTAL STATE	337.043	8141.929
TOTAL STATE	220.683	5905.452			

* 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	3058	3009	3253	2947
MSPGCL Hydro	1006	870	1117	50
MSPGCL Gas	327	362	428	280
MSPGCL Total Generation	4391	4241	4798	3277
Central Sector Receipt	5224	5174	5090	4529
WIND	332	196	631	569
CPP / IPP	3335	3331	3343	3357
SOLAR	130	134	0	0
Exchange with Mumbai	-611	-719	-735	-582
MSEDCL DEMAND MET	12801	12357	13127	11150
Load Shedding	0	0	0	0
MSEDCL DEMAND	12801	12357	13127	11150
TPCL GENERATION	1096	1107	1033	681
R-INFRA GENERATION	511	509	474	403
MUMBAI DEMAND	2218	2335	2242	1666
STATE DEMAND MET	15019	14692	15369	12816
STATE DEMAND	15019	14692	15369	12816
Frequency (Hz)	49.99	49.98	49.92	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18.01 Hrs	49.8 Hz at 19.13 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 24/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	14.13	285.41	623	495
Total	14.13	286.32		
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	2.86	88.21	153	70
Unit 4	2.93	90.65	150	96
Unit 5	0.00	179.16	0	0
Unit 6	8.79	213.47	425	290
Unit 7	7.65	172.50	351	297
Unit 8	6.64	121.29	339	188
Total	28.88	865.28		
Paras				
Unit 3	5.83	123.81	258	222
Unit 4	3.84	116.87	240	0
Total	9.67	240.68		
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	11.33	252.11	500	420
Total	11.33	319.06		
Nasik				
Unit 3	4.52	100.00	200	165
Unit 4	0.00	0.00	0	0
Unit 5	4.50	99.43	199	164
Total	9.02	199.43		
Uran				
All Units	8.53	171.14	437	280
Total	8.53	171.14		
PENCH (MS)				
Pench (MS)	0.15	4.93	43	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.15	4.93		
Koyna				
Stage 1-2	5.08	64.43	540	40
Stage 4	2.45	19.58	479	0
Stage 3	2.17	38.21	160	0
Total	9.70	122.22		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	4.12	0	0
TILLARI	0.13	7.29	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.47	9.82	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	0.24	1.14	10	10
GHATGHAR	0.60	18.72	125	0
Total	1.44	49.53		
Wind				
Total	12.48	832.60	0	0
Total	12.48	832.60		
CPP				
APML(Mus)	46.33	1143.72	0	0
JSWEL(Mus)	21.32	483.08	0	0
VIPL(Mus)	7.00	209.08	0	0
RPLAMT(Mus)	0.00	3.66	0	0
WPCL(Mus)	2.45	79.00	0	0
Other(Mus)	2.74	58.16	0	0
Total	79.83	1976.70		
SOLAR				
Total	1.05	17.79	0	0
Total	1.05	17.79		
Tata				
Trombay 5	11.18	226.45	487	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	42.23	0	0
Trombay 7B	0.00	25.52	0	0
Trombay 8	5.64	128.91	247	201
TATA Hydro	6.21	96.66	387	60
Total	23.02	519.77		
R-INFRA				
1-2	11.61	253.43	511	402
Total	11.61	253.43		

* 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	73.03	1962.28	MSPGCL Total	92.70	2305.16
Koradi 9	0.00	0.00	MSPGCL Thml+Gas	81.56	2133.42	Koyna 1,2 & 4 Total	7.53	84.01
Koradi 10	0.00	1.46	MSPGCL Hydro	11.14	171.75	State Total	220.68	5905.45
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 24/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	2928	164	281	3373	545	3372	0	4370	4550	-591	11249	0	11249	1976	13225	49.99
2	2955	104	292	3351	608	3360	0	4298	4349	-496	11172	0	11172	1794	12966	49.98
3	2931	50	291	3272	668	3364	0	4553	4358	-558	11104	0	11104	1722	12826	49.97
4	2947	50	280	3277	569	3357	0	4593	4529	-582	11150	0	11150	1666	12816	49.98
5	2956	60	292	3308	563	3361	0	4586	4625	-566	11291	0	11291	1654	12945	49.92
6	2983	142	291	3416	586	3357	0	4424	4668	-344	11683	0	11683	1740	13423	49.99
7	2969	531	284	3784	519	3339	1	4475	4796	-224	12215	0	12215	1764	13979	49.99
8	2942	605	293	3840	427	3357	18	4766	4993	-286	12349	0	12349	1834	14183	49.97
9	2958	747	294	3999	354	3348	45	5024	5254	-391	12609	0	12609	1943	14552	49.98
10	3024	931	315	4270	358	3341	73	5154	5373	-550	12865	0	12865	2111	14976	50.00
11	3058	1006	327	4391	332	3335	130	5252	5224	-611	12801	0	12801	2218	15019	49.99
12	3047	810	337	4194	225	3344	135	5106	5218	-629	12487	0	12487	2243	14730	49.99
13	3009	870	362	4241	196	3331	134	4780	5174	-719	12357	0	12357	2335	14692	49.98
14	2978	588	382	3948	206	3335	124	4854	5001	-584	12030	0	12030	2206	14236	50.01
15	3035	435	413	3883	407	3330	135	4736	4795	-458	12092	0	12092	2074	14166	50.02
16	3128	280	413	3821	663	3327	123	4683	4481	-517	11898	0	11898	2031	13929	50.00
17	3122	123	421	3666	819	3313	87	4548	4406	-566	11725	0	11725	2009	13734	49.99
18	3067	136	415	3618	754	3101	36	4639	4556	-730	11335	0	11335	2000	13335	50.00
19	3192	530	415	4137	608	3131	7	4818	4880	-784	11979	0	11979	2069	14048	50.00
20	3253	1117	428	4798	631	3343	0	4922	5090	-735	13127	0	13127	2242	15369	49.92
21	3129	1108	419	4656	593	3349	0	4976	5040	-656	12982	0	12982	2278	15260	49.98
22	3178	474	421	4073	619	3356	0	5089	5240	-697	12591	0	12591	2279	14870	49.94
23	3126	140	437	3703	605	3341	0	5065	5110	-848	11911	0	11911	2226	14137	49.97
24	3113	141	424	3678	621	3334	0	4759	4650	-806	11477	0	11477	2148	13625	50.01
MUs	73.03	11.14	8.53	92.70	12.48	79.83	1.05	114.47	116.36	-13.93	288.48	0.00	288.48	48.56	337.04	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 24/Jul/2016

Position as on 6.30 Hrs of 25/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		Continued.	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		Continued.	Mandatory Gas Path Inspection for 7 Days	
TPC-G	Trombay 7A	120	19/07/2016	22.02		Continued.	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 24/Jul/2016

Position as on 6.30 Hrs of 25/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.	
RGPL	Dabhol 2A	230	18/07/2016	17.27		Continued.	Purge Valve Problem.	
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		Continued.	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Jul/2016

Statement-VII

Position as on 6.30 Hrs of 25/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		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	21/07/2016	08.30		Continued.	T	Over Voltage
Karad Solapur (PG)	InterState	23/07/2016	10.08		Continued.	PO	Attending Hot Spot
Kolhapur Solapur(PG) I	InterState	23/07/2016	21.47	24/07/2016	07.00	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	24/07/2016	00.41		Continued.	T	Over Voltage
Karad Solapur (PG)	InterState	24/07/2016	11.40		Continued.	T	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
karad -kolhapur-I	IntraState	18/07/2016	12.15	24/07/2016	07.28	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		Continued.	HT	Over Voltage
Solapur - Parli(PG) I	IntraState	24/07/2016	14.01	24/07/2016	19.04	EO	Line Maintenance work
Lonikand I - Koyna stage-IV	IntraState	25/07/2016	00.45		Continued.	HT	Over Voltage
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.
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	23/07/2016	06.15		Continued.	T	Distance Protection
Vankuswade - Kdph	IntraState	24/07/2016	05.20		Continued.	T	Distance Protection
Pargaon(Kathapur)-Lonikand	IntraState	24/07/2016	07.10	24/07/2016	07.45	PO	Bus Fault At Kathapur End.
Bableshwar- Alephata	IntraState	24/07/2016	07.57		Continued.	HT	Load Diversion.
Kalwa - Mulund 1	IntraState	24/07/2016	10.58	24/07/2016	15.08	PO	Shifted On TBC At Kalwa End.
Ranjangaon-Lonikand	IntraState	24/07/2016	11.00		Continued.	PO	Overhauling 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