

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Jul/2016 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	67.460	2408.432	1) Gujrat	3.819	-82.550
2) Hydro	4.779	217.755	2) Madhya Pradesh	15.835	421.419
3) Gas	8.211	228.161	3) Chattisgarh	7.320	216.360
Total MSPGCL	80.450	2854.348	4) Maharashtra Net	86.598	2044.519
B) 1) APLM	52.332	1456.191	5) Goa (Amona)	-0.616	-19.201
2) JSWEL	21.437	609.672	6) TAPS 1&2 Injection	3.249	93.429
3) VIPL	5.827	247.498	7) RGPPL Injection	11.465	343.648
4) RPL(AMT)	0.000	3.657	8) Pench (MS)	0.256	6.259
5) WPCL	4.405	96.178	9) Pench (Excess)	-0.256	-6.259
6) Other IPP	2.663	74.184	Total	127.414	3011.365
C) 1) TPCL Thermal	14.037	448.542	a) Mumbai Schedule	16.991	595.920
2) TPCL Hydro	2.815	126.570	b) Mumbai Drawl	22.888	697.034
3) TPCL Gas	3.508	85.191	c) MSEDCL Bilateral *	35.213	849.945
4) R-INFRA Thermal	10.267	318.865	Include PX	0.000	-141.869
D) STATE			d) Mumbai Bilateral *	16.991	595.920
1) Thermal	178.428	5663.219	Include PX	3.355	75.353
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	7.594	344.325	H) ENERGY CATERED (MUs)		
3) Gas	11.719	313.352	1) MSEDCL	293.832	8590.867
4) Wind	21.392	912.253	2) Mumbai Discoms	53.515	1676.205
6) SOLAR	0.800	22.555	TOTAL STATE	347.347	10267.072
TOTAL STATE	219.933	7255.704			

* 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	2939	2899	2899	2612
MSPGCL Hydro	571	165	644	55
MSPGCL Gas	350	338	321	359
MSPGCL Total Generation	3860	3402	3864	3026
Central Sector Receipt	5832	6194	5537	4529
WIND	524	515	1472	814
CPP / IPP	3860	3833	3620	3250
SOLAR	84	83	0	0
Exchange with Mumbai	-1200	-1357	-1163	-554
MSEDCL DEMAND MET	12960	12670	13330	11065
Load Shedding	28	0	0	0
MSEDCL DEMAND	12988	12670	13330	11065
TPCL GENERATION	989	950	982	620
R-INFRA GENERATION	510	418	402	403
MUMBAI DEMAND	2699	2725	2547	1577
STATE DEMAND MET	15659	15395	15877	12642
STATE DEMAND	15687	15395	15877	12642
Frequency (Hz)	50.00	50.00	49.96	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 06:03 Hrs	49.82 Hz at 11:46 Hrs	49.99	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 30/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	0.00	335.18	0	0
Total	0.00	336.10		
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	3.23	110.03	150	120
Unit 4	3.40	112.94	156	118
Unit 5	8.01	206.52	360	308
Unit 6	8.57	266.87	400	310
Unit 7	7.92	220.23	355	294
Unit 8	6.72	163.42	346	178
Total	37.85	1080.01		
Paras				
Unit 3	5.09	156.47	250	184
Unit 4	5.13	145.16	250	197
Total	10.21	301.62		
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	11.01	320.78	500	397
Total	11.01	387.72		
Nasik				
Unit 3	4.20	126.14	195	165
Unit 4	0.00	0.00	0	0
Unit 5	4.19	125.34	196	164
Total	8.39	251.47		
Uran				
All Units	8.21	228.16	370	307
Total	8.21	228.16		
PENCH (MS)				
Pench (MS)	0.26	6.26	50	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.26	6.26		
Koyna				
Stage 1-2	1.77	82.20	235	40
Stage 4	0.49	29.99	201	0
Stage 3	1.05	47.66	234	0
Total	3.31	159.85		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	4.12	0	0
TILLARI	0.00	7.74	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.41	12.36	80	0
RNGR+BHTSA	0.00	0.15	0	0
BHANDARDRA	0.00	8.31	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.12	1.94	5	4
GHATGHAR	0.94	23.27	250	0
Total	1.47	57.90		
Wind				
Total	21.39	912.25	0	0
Total	21.39	912.25		
CPP				
APML(Mus)	52.33	1456.19	0	0
JSWEL(Mus)	21.44	609.67	0	0
VIPL(Mus)	5.83	247.50	0	0
RPLAMT(Mus)	0.00	3.66	0	0
WPCL(Mus)	4.40	96.18	0	0
Other(Mus)	2.66	74.18	0	0
Total	86.66	2487.38		
SOLAR				
Total	0.80	22.56	0	0
Total	0.80	22.56		
Tata				
Trombay 5	8.87	286.62	479	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.12	53.16	115	56
Trombay 7B	1.39	32.03	66	46
Trombay 8	5.17	161.92	246	201
TATA Hydro	2.82	126.57	315	3
Total	20.36	660.30		
R-INFRA				
1-2	10.27	318.86	511	401
Total	10.27	318.86		

* 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	67.46	2408.43	MSPGCL Total	80.45	2854.35
Koradi 9	0.00	0.00	MSPGCL Thml+Gas	75.67	2636.59	Koyna 1,2 & 4 Total	2.26	112.19
Koradi 10	0.00	1.46	MSPGCL Hydro	4.78	217.76	State Total	219.93	7255.70
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/Jul/2016

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	2722	44	369	3135	655	3576	0	4946	4958	-782	11542	0	11542	1856	13398	50.00
2	2706	44	358	3108	671	3441	0	4853	4449	-623	11046	0	11046	1701	12747	50.00
3	2650	50	369	3069	773	3279	0	4752	4566	-557	11130	0	11130	1615	12745	49.95
4	2612	55	359	3026	814	3250	0	4658	4529	-554	11065	0	11065	1577	12642	49.97
5	2586	50	370	3006	784	3268	0	4648	4702	-524	11236	0	11236	1574	12810	49.96
6	2620	240	370	3230	649	3541	0	4674	5119	-591	11948	0	11948	1671	13619	50.02
7	2863	165	360	3388	622	3862	1	5052	5235	-478	12630	0	12630	1748	14378	50.03
8	2924	45	362	3331	589	3932	21	5197	5424	-538	12759	28	12787	1944	14731	49.99
9	2881	174	370	3425	530	3902	48	5355	5848	-648	13105	28	13133	2166	15299	49.98
10	2976	617	360	3953	538	3896	72	5557	5588	-915	13132	28	13160	2404	15564	49.98
11	2939	571	350	3860	524	3860	84	5756	5832	-1200	12960	28	12988	2699	15687	50.00
12	2923	317	323	3563	472	3871	101	6027	5954	-1253	12708	0	12708	2746	15454	49.93
13	2899	165	338	3402	515	3833	83	5931	6194	-1357	12670	0	12670	2725	15395	50.00
14	2894	200	333	3427	584	3810	102	5764	5673	-1286	12310	0	12310	2615	14925	50.04
15	2868	130	337	3335	781	3698	98	5830	5707	-1332	12287	0	12287	2598	14885	49.99
16	2818	50	319	3187	1076	3572	94	5690	5604	-1298	12235	0	12235	2572	14807	50.04
17	2751	50	336	3137	1388	3529	55	5355	5277	-1270	12116	0	12116	2557	14673	49.99
18	2697	55	333	3085	1499	3266	35	4942	5033	-1210	11708	0	11708	2531	14239	49.98
19	2801	194	307	3302	1414	3305	6	5235	5124	-1180	11971	0	11971	2488	14459	49.95
20	2899	644	321	3864	1472	3620	0	5554	5537	-1163	13330	0	13330	2547	15877	49.96
21	2968	353	312	3633	1396	3755	0	5666	5640	-1124	13300	0	13300	2489	15789	49.98
22	2907	265	312	3484	1400	3672	0	5588	5319	-1083	12792	0	12792	2353	15145	50.00
23	2791	166	331	3288	1188	3538	0	5316	5171	-1001	12184	0	12184	2226	14410	50.00
24	2765	135	312	3212	1058	3386	0	4877	4931	-921	11666	0	11666	2113	13779	50.01
MUs	67.46	4.78	8.21	80.45	21.39	86.66	0.80	127.22	127.41	-22.89	293.83	0.11	293.94	53.52	347.46	49.99

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 30/Jul/2016

Position as on 6.30 Hrs of 31/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	
MSPGCL	Koyana Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
MSPGCL	Khaparkhedha Unit 1	210	25/06/2016	23.45		Continued.	Zero Schedule by MSEDCL from 00.00Hrs Dt.19-7-16 and A.O.H from 25/06/2016 to 18/07/2016	
MSPGCL	Bhusawal Unit 4	500	01/07/2016	23.55		Continued.	A.O.H from 19/07/2016 and Zero Shedule By MSEDCL from 1/07/2016 to 18/07/2016.	
IPP	VIPL U-2	300	15/07/2016	00.16		Continued.	Genrator Inspection.	
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.	
MSPGCL	Nasik Unit 4	210	19/06/2016	00.20		Continued.	C.O.H from 19/06/2016 to 27/06/2016 and converted to zero schedule from 00.00hrs of 28/06/2016	
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.	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 30/Jul/2016

Position as on 6.30 Hrs of 31/Jul/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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.	
RGPL	Dabhol 3B	230	18/07/2016	12.40		Continued.	Tripped.	
RGPL	Dabhol 2B	230	24/07/2016	17.13		Continued.	Change Over	
MSPGCL	Koradi Unit-8	660	29/07/2016	22.38		Continued.	DCS Failure.	
IPP	JSW (J) U3	300	30/07/2016	00:25	30/07/2016	03:59	Turbine high vibration	
IPP	JSW (J) U3	300	30/07/2016	18.19	30/07/2016	23.52	Turbine bearing Vabration high	
MSPGCL	Paras Unit 4	250	31/07/2016	19.41	31/07/2016	21.10	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Jul/2016

Statement-VII

Position as on 6.30 Hrs of 31/Jul/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400KV 1500MVA ICT I @ Ektuni	IntraState	30/07/2016	09.48	30/07/2016	17.03	PO	PRD Inspection And Testing Work.
400 KV LINE Outages/Trippings							
Kolhapur Solapur(PG) I	InterState	29/07/2016	03.01		Continued.	T	Over Voltage
Dhule Sar'Sarovar I	InterState	29/07/2016	22.17	30/07/2016	06.47	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	30/07/2016	01.46	30/07/2016	07.22	T	Over Voltage
Kolhapur Solapur (PG) II	InterState	31/07/2016	01.04	31/07/2016	07.54	T	Over Voltage
Dhule Sar'Sarovar I	InterState	31/07/2016	12.01		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	27/07/2016	13.09		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	27/07/2016	21.07		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	29/07/2016	21.22		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	29/07/2016	23.55	30/07/2016	07.26	HT	Over Voltage
Chandrapur - Parli	IntraState	30/07/2016	09.36	30/07/2016	13.46	EO	Attend Hot Spot Of Wave Trap.
Lonikand I - Koyna stage-IV	IntraState	30/07/2016	22.03	31/07/2016	23.29	HT	Over Voltage
Padghe - Nagothane - II	IntraState	31/07/2016	20.04		Continued.	T	Distance Protection
400 KV ICT Outages/Trippings							
400/132 Kv 200 Mva Ict 2 @Khadka	IntraState	30/07/2016	14.05	30/07/2016	20.09	EO	Attending Hot Spot
400/220kv 315 MVA ICT-III@Padgha	IntraState	31/07/2016	11.41		Continued.	PO	Replacement Of Damaged B Phase Stub Bus Jumper From Line Isolators .
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
Bableshwar- Alephata	IntraState	24/07/2016	07.57		Continued.	HT	Load Diversion.
Kandalgaon - Koyna	IntraState	29/07/2016	20.06	30/07/2016	17.02	T	Distance Protection Z-1,R Ph to Earth Fault.
Kandalgaon - Pirangut	IntraState	30/07/2016	08.15	30/07/2016	17.25	PO	Insulator Replacement Work
Shivajinagar - Satana	IntraState	30/07/2016	10.07	30/07/2016	12.22	PO	Annual Maintenance Work
New Koyna - Niwali	IntraState	30/07/2016	10.15	30/07/2016	14.30	EO	Attending Hot Spot
Kharghar - Nerul	IntraState	30/07/2016	14.21	30/07/2016	17.46	PO	Shifted On TBC.
Padgha-Temghar-II	IntraState	30/07/2016	17.05		Continued.	T	Due To Bus Outage At Padgha End.
Padgha - Temghar I	IntraState	30/07/2016	17.05		Continued.	T	Due To Bus Outage At Padgha End.
Chandrapur GCR - Sicom I	IntraState	31/07/2016	02.38	31/07/2016	06.10	T	Distance Protection
Chandrapur GCR - Sicom II	IntraState	31/07/2016	02.38		Continued.	T	Distance Protection
Kalwa-Salsette-VI	IntraState	31/07/2016	08.53	31/07/2016	13.02	PO	Attending Hot Spot
Trombay Salsette 1 Backbay	IntraState	31/07/2016	08.57	31/07/2016	11.19	PO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now

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 30/Jul/2016

Statement-VII

Position as on 6.30 Hrs of 31/Jul/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Borivali							repaired and ready for commissioning)
220/6.6kV 40MVA STN T/F-III @ Khaperkheda	IntraState	29/07/2016	11.58		Continued.	PO	Transformer Oil Filtration Work.
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.
Kalwa - Mukand 2	IntraState	29/07/2016	06.35		Continued.	PO	For New Tower Erection.