

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Jul/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	83.856	1418.312	1) Gujrat	2.731	-124.917
2) Hydro	7.728	103.284	2) Madhya Pradesh	17.382	193.909
3) Gas	8.304	119.572	3) Chattisgarh	6.920	115.690
Total MSPGCL	99.888	1641.168	4) Maharashtra Net	70.471	967.104
B) 1) APMIL	44.678	832.201	5) Goa (Amona)	-0.572	-12.273
2) JSWEL	21.517	332.976	6) TAPS 1&2 Injection	3.684	59.658
3) VIPL	6.951	162.229	7) RGPPL Injection	11.544	193.738
4) RPL(AMT)	0.000	3.657	8) Pench (MS)	0.075	3.408
5) WPCL	4.534	55.502	9) Pench (Excess)	-0.075	-3.408
6) Other IPP	2.267	41.230	Total	112.085	1389.501
C) 1) TPCL Thermal	15.105	247.190	a) Mumbai Schedule	16.305	336.906
2) TPCL Hydro	0.254	52.801	b) Mumbai Drawl	20.854	410.160
3) TPCL Gas	2.441	63.477	c) MSEDCL Bilateral *	32.496	411.138
4) R-INFRA Thermal	10.625	175.748	Include PX	0.000	-141.710
D) STATE			d) Mumbai Bilateral *	16.305	336.906
1) Thermal	189.533	3269.045	Include PX	2.249	19.031
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	7.982	156.085	H) ENERGY CATERED (MUs)		
3) Gas	10.745	183.049	1) MSEDCL	296.198	4751.698
4) Wind	24.141	690.973	2) Mumbai Discoms	49.281	949.377
6) SOLAR	0.991	12.421	TOTAL STATE	345.479	5701.075
TOTAL STATE	233.392	4311.573			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3599	3488	3626	3517
MSPGCL Hydro	406	164	1136	81
MSPGCL Gas	299	305	320	399
MSPGCL Total Generation	4304	3957	5082	3997
Central Sector Receipt	5176	4993	4624	4175
WIND	952	927	1097	863
CPP / IPP	3432	3418	3375	3212
SOLAR	88	127	0	0
Exchange with Mumbai	-763	-991	-945	-683
MSEDCL DEMAND MET	13189	12431	13233	11564
Load Shedding	0	0	0	0
MSEDCL DEMAND	13189	12431	13233	11564
TPCL GENERATION	833	819	854	648
R-INFRA GENERATION	509	497	501	402
MUMBAI DEMAND	2105	2307	2300	1733
STATE DEMAND MET	15294	14738	15533	13297
STATE DEMAND	15294	14738	15533	13297
Frequency (Hz)	50.00	50.03	49.99	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 13.01 Hrs	49.85 Hz at 21.06 Hrs	50.02	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 17/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	13.55	209.66	660	495
Total	13.55	210.58		
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	4.17	61.47	189	163
Unit 4	2.97	63.18	177	0
Unit 5	8.05	140.94	360	295
Unit 6	9.62	147.59	425	370
Unit 7	7.38	132.42	395	0
Unit 8	6.78	67.61	378	187
Total	38.97	613.20		
Paras				
Unit 3	5.69	84.54	251	208
Unit 4	5.48	81.87	250	198
Total	11.16	166.41		
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	11.60	171.06	505	400
Total	11.60	238.00		
Nasik				
Unit 3	4.28	69.54	200	160
Unit 4	0.00	0.00	0	0
Unit 5	4.29	69.08	197	165
Total	8.56	138.62		
Uran				
All Units	8.30	119.57	410	297
Total	8.30	119.57		
PENCH (MS)				
Pench (MS)	0.08	3.41	24	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	3.41		
Koyna				
Stage 1-2	2.80	38.76	495	40
Stage 4	0.75	5.31	475	0
Stage 3	1.84	23.95	240	0
Total	5.39	68.02		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	3.75	0	0
TILLARI	0.24	6.60	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	6.76	40	0
RNGR+BHTSA	0.00	0.12	0	0
BHANDARDRA	0.62	6.16	26	25
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.00	0	0
GHATGHAR	1.08	11.87	125	0
Total	2.34	35.26		
Wind				
Total	24.14	690.97	0	0
Total	24.14	690.97		
CPP				
APML(Mus)	44.68	832.20	0	0
JSWEL(Mus)	21.52	332.98	0	0
VIPL(Mus)	6.95	162.23	0	0
RPLAMT(Mus)	0.00	3.66	0	0
WPCL(Mus)	4.53	55.50	0	0
Other(Mus)	2.27	41.23	0	0
Total	79.95	1427.80		
SOLAR				
Total	0.99	12.42	0	0
Total	0.99	12.42		
Tata				
Trombay 5	9.70	156.26	482	311
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.39	39.81	80	49
Trombay 7B	1.05	23.66	53	39
Trombay 8	5.41	90.93	250	200
TATA Hydro	0.25	52.80	91	0
Total	17.80	363.47		
R-INFRA				
1-2	10.62	175.75	511	401
Total	10.62	175.75		

* 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	83.86	1418.31	MSPGCL Total	99.89	1641.17
Koradi 9	0.00	0.00	MSPGCL Thml+Gas	92.16	1537.88	Koyna 1,2 & 4 Total	3.54	44.07
Koradi 10	0.00	1.46	MSPGCL Hydro	7.73	103.28	State Total	233.39	4311.57
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 17/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	3456	231	406	4093	925	3394	0	4288	4414	-892	11934	0	11934	2045	13979	50.00
2	3489	205	409	4103	899	3436	0	4151	3989	-842	11585	0	11585	1875	13460	50.00
3	3519	66	405	3990	848	3388	0	4431	4129	-745	11610	0	11610	1786	13396	50.00
4	3517	81	399	3997	863	3212	0	4406	4175	-683	11564	0	11564	1733	13297	50.05
5	3482	76	410	3968	780	3140	0	4399	4406	-653	11641	0	11641	1708	13349	50.04
6	3638	71	400	4109	789	3203	0	4334	4850	-711	12240	0	12240	1763	14003	50.00
7	3709	373	383	4465	842	3376	4	4394	4870	-700	12857	0	12857	1777	14634	50.00
8	3613	510	379	4502	819	3417	35	4639	5027	-770	13030	0	13030	1840	14870	50.00
9	3615	598	337	4550	846	3417	75	4743	4736	-571	13053	0	13053	1943	14996	50.04
10	3599	406	299	4304	952	3432	88	4852	5176	-763	13189	0	13189	2105	15294	50.00
11	3457	511	297	4265	861	3434	119	4878	5142	-896	12925	0	12925	2235	15160	49.98
12	3444	457	321	4222	951	3442	111	5034	5139	-942	12923	0	12923	2275	15198	50.00
13	3488	164	305	3957	927	3418	127	4781	4993	-991	12431	0	12431	2307	14738	50.03
14	3508	106	324	3938	841	3390	144	4810	5026	-1005	12334	0	12334	2222	14556	50.08
15	3438	111	313	3862	898	3380	90	4646	4899	-933	12196	0	12196	2153	14349	50.09
16	3484	106	316	3906	1187	3365	79	4567	4491	-924	12104	0	12104	2097	14201	50.07
17	3372	111	313	3796	1498	3163	64	4405	4301	-1032	11790	0	11790	2068	13858	50.06
18	3352	201	324	3877	1298	3020	45	3923	4225	-1044	11421	0	11421	2053	13474	50.03
19	3329	174	326	3829	1235	3048	10	4395	4595	-1033	11684	0	11684	2066	13750	50.00
20	3622	850	315	4787	1083	3266	0	4630	5003	-1064	13075	0	13075	2215	15290	49.99
21	3626	1136	320	5082	1097	3375	0	4643	4624	-945	13233	0	13233	2300	15533	49.99
22	3515	681	330	4526	1166	3440	0	4636	4797	-967	12962	0	12962	2301	15263	49.98
23	3308	320	332	3960	1264	3408	0	4512	4695	-907	12420	0	12420	2237	14657	50.00
24	3276	183	341	3800	1272	3389	0	4397	4383	-841	12003	0	12003	2175	14178	50.07
MUs	83.86	7.73	8.30	99.89	24.14	79.95	0.99	108.89	112.08	-20.85	296.20	0.00	296.20	49.28	345.48	50.02

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 17/Jul/2016

Position as on 6.30 Hrs of 18/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	Khaparkhedda Unit 1	210	25/06/2016	23.45		Continued.	A.O.H.	
MSPGCL	Koyna Unit 8	80	29/06/2016	08.20		Continued.	Turbine Maintenance Work.	
MSPGCL	Bhusawal Unit 4	500	01/07/2016	23.55		Continued.	Zero Shedule By MSEDCL(Convert into A/O from 00 hrs.Dt.17-7-16)	
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	
RGPL	Dabhol 3A	230	07/05/2016	18.44		Continued.	Low Vaccum	
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.	
RGPL	Dabhol 2B	230	20/06/2016	13.03		Continued.	Change Over.	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Jul/2016

Position as on 6.30 Hrs of 18/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 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.	
MSPGCL	Chandrapur Unit 4	210	17/07/2016	06.50	17/07/2016	12.52	Turbine Trip.	
MSPGCL	Chandrapur Unit 7	500	17/07/2016	21.41		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit-8	660	18/07/2016	06.18		Continued.	BCS Failuar.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Jul/2016

Statement-VII

Position as on 6.30 Hrs of 18/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							
Chandrapur Bhadravati III	InterState	10/07/2016	21.01		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	13/07/2016	21.44		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	16/07/2016	16.45		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	18/07/2016	02.18		Continued.	T	Over Voltage
Ektuni-Bableshtar 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
Khadka- Deepnagar Ckt 1	IntraState	12/07/2016	13.11		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	13/07/2016	03.35		Continued.	T	Over Voltage
Karad - Jaigad - II	IntraState	16/07/2016	16.36		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	17/07/2016	00.02	17/07/2016	07.24	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	17/07/2016	23.14		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Bableshtar	IntraState	24/06/2016	19.25		Continued.	PO	shifted on TBC for main bus 1&2 outage
220 KV LINE Outages/Trippings							
Boisar(MS) - Boisar (PG) - I	InterState	15/07/2016	11.19		Continued.	PO	MK Box Replacement work.
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
Dahanu-Viraj	IntraState	13/07/2016	14.02		Continued.	HT	To control Kalwa-Borivali Line Load
Jejuri (400 Kv)-Jejuri- li	IntraState	14/07/2016	09.25		Continued.	PO	Maintenance Work.
Padghe - Wada	IntraState	15/07/2016	17.08		Continued.	T	Y Phase CT Burst load affected at Wada Line.
Kalwa Salsette III	IntraState	17/07/2016	08.16	17/07/2016	08.20	HT	Bus Changeover.
Kalwa - Mulund 1	IntraState	17/07/2016	08.53	17/07/2016	23.46	PO	Bay Strngthening.
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 ICT II @Kalmeshwar	IntraState	14/07/2016	10.51		Continued.	PO	Replacement of LV Side B Ph CT Replacement due to High Tan Delta Value.
220/110 Kv 200 Mva Vel Ptr 1 @Kolhapur-li (Mudshingi)	IntraState	15/07/2016	10.09		Continued.	PO	R & M Wrok.
132 KV LINE Outages/Trippings							
Eklahara (Ocr)-Adgaon	IntraState	14/07/2016	08.42		Continued.	T	132 KV Bus Bar Operated.
Ranjangaon-Whirlpool	IntraState	17/07/2016	09.30		Continued.	PO	Taken On TBC For OWN CB Overhauling.
100 KV LINE Outages/Trippings							
Vasai-li - 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