

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Jul/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	107.065	2984.576	1) Gujrat	3.605	39.096
2) Hydro	7.219	195.020	2) Madhya Pradesh	19.826	514.992
3) Gas	9.896	262.873	3) Chattisgarh	7.310	233.930
Total MSPGCL	124.180	3442.469	4) Maharashtra Net	83.205	2574.595
B) 1) APML	61.480	1684.225	5) Goa (Amona)	-0.506	-14.036
2) JSWEL	14.711	396.190	Total	113.440	3348.577
3) VIPL	3.418	174.292	a) Mumbai Schedule	17.079	632.726
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	17.658	835.052
5) WPCL	2.690	89.776	c) MSEDCL Bilateral *	11.612	521.223
6) PGPL	0.000	0.000	Include PX	0.096	9.745
7) Other IPP	3.498	93.216	d) Mumbai Bilateral *	15.069	630.716
C) 1) TPCL Thermal	16.378	403.218	Include PX	2.053	189.267
2) TPCL Hydro	1.994	144.028	Include Standby	2.010	2.010
3) TPCL Gas	4.414	89.122	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.946	300.304	1) MSEDCL	336.675	9845.378
D) STATE			2) Mumbai Discoms	51.390	1771.714
1) Thermal	220.186	6125.797	TOTAL STATE	388.065	11617.092
(A1+C1+C4+(B1-B6))					
2) Hydro	9.213	339.048			
(A2+C2)					
3) Gas	14.310	351.995			
(A3+B6+C3)					
4) Wind	28.944	1402.362			
6) SOLAR	1.972	49.323			
TOTAL STATE	274.625	8268.525			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4599	4612	4809	3810
MSPGCL Hydro	629	454	332	272
MSPGCL Gas	411	407	412	404
MSPGCL Total Generation	5639	5473	5553	4486
Central Sector Receipt	5436	5434	4656	3988
WIND	1180	1269	1169	1137
CPP / IPP Thermal	3470	3470	3476	3770
CPP / IPP Gas	0	0	0	0
SOLAR	273	219	0	0
Exchange with Mumbai	-875	-842	-675	-539
MSEDCL DEMAND MET	15123	15023	14179	12842
Load Shedding	0	0	0	0
MSEDCL DEMAND	15123	15023	14179	12842
TPCL GENERATION	977	980	1193	867
R-INFRA GENERATION	498	495	494	497
MUMBAI DEMAND	2350	2317	2362	1903
STATE DEMAND MET	17473	17340	16541	14745
STATE DEMAND	17473	17340	16541	14745
Frequency (Hz)	49.99	50.01	49.89	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 06.03 Hrs	49.73 Hz at 19.21 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/2017

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	0.00	0.00	0	0
Unit 8	10.66	271.13	510	365
Unit 9	10.62	261.33	499	299
Unit 10	9.81	290.26	555	0
Total	31.09	822.72		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	52.33	0	0
Unit 5	0.00	22.97	0	0
Total	0.00	75.29		
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
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	4.70	25.56	200	170
Unit 4	4.32	115.02	183	166
Unit 5	9.83	234.76	425	365
Unit 6	9.18	280.10	405	340
Unit 7	9.49	285.94	420	366
Unit 8	11.11	271.82	500	360
Unit 9	10.28	280.84	474	368
Total	58.90	1494.04		
Paras				
Unit 3	5.87	152.66	255	200
Unit 4	5.93	64.42	256	195
Total	11.80	217.08		
Khaparkheda				
Unit 1	0.00	13.54	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	16.68	0	0
Unit 4	0.00	21.01	0	0
Unit 5	0.90	141.09	327	0
Total	0.90	192.33		
Nasik				
Unit 3	4.38	82.61	200	162
Unit 4	0.00	41.20	0	0
Unit 5	0.00	59.31	0	0
Total	4.38	183.12		
Uran				
All Units	9.90	262.87	428	396
Total	9.90	262.87		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.02	3.51	14	0
Total	0.02	3.51		
Koyna				
Stage 1-2	2.34	76.67	355	40
Stage 4	0.66	21.98	235	0
Stage 3	1.31	43.77	160	0
Total	4.31	142.42		
Hydro				
KDPH	0.87	1.46	37	36
VTRNA	0.68	6.48	61	0
TILLARI	0.12	6.98	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	12.74	80	0
RNGR+BHTSA	0.08	2.43	4	3
BHANDARDRA	0.34	12.35	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.40	4.72	17	16
GHATGHAR	0.00	5.44	0	0
Total	2.91	52.60		
Wind				
Total	28.94	1402.36	0	0
Total	28.94	1402.36		
CPP				
APML(Mus)	61.48	1684.22	0	0
JSWEL(Mus)	14.71	396.19	0	0
VIPL(Mus)	3.42	174.29	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.69	89.78	0	0
Other(Mus)	3.50	93.22	0	0
Total	85.80	2437.70		
SOLAR				
Total	1.97	49.32	0	0
Total	1.97	49.32		
Tata				
Trombay 5	10.86	258.22	490	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	56.44	123	102
Trombay 7B	1.62	32.68	70	63
Trombay 8	5.52	145.00	244	200
TATA Hydro	1.99	144.03	311	0
Total	22.79	636.37		
R-INFRA				
DTPS U-1&2	10.95	300.30	499	372
Total	10.95	300.30		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	107.06	2984.58	MSPGCL Total	124.18	3442.47
			MSPGCL Thml+Gas	116.96	3247.45	Koyna 1,2 & 4 Total	3.00	98.66
			MSPGCL Hydro	7.22	195.02	State Total	274.62	8268.52

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/Jul/2017

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	3822	823	413	5058	1171	3771	0	0	3970	4024	-773	13251	0	13251	2181	15432	49.96
2	3780	339	416	4535	1138	3771	0	0	3951	4084	-648	12880	0	12880	2037	14917	50.00
3	3810	272	404	4486	1137	3770	0	0	3937	3988	-539	12842	0	12842	1903	14745	50.01
4	3948	141	425	4514	1147	3766	0	0	3929	4130	-567	12990	0	12990	1817	14807	50.01
5	4071	118	411	4600	1141	3782	0	0	4134	4054	-570	13007	0	13007	1810	14817	49.96
6	4135	113	413	4661	1043	3781	0	0	4736	4785	-564	13706	0	13706	1863	15569	50.02
7	4353	133	415	4901	1034	3783	0	12	5165	5198	-450	14478	0	14478	1890	16368	50.04
8	4579	230	414	5223	1068	3781	0	75	5171	5383	-484	15046	0	15046	1980	17026	50.01
9	4654	294	400	5348	1334	3771	0	167	5173	5364	-592	15392	0	15392	2066	17458	49.99
10	4667	339	420	5426	1363	3784	0	227	4712	4739	-774	14765	0	14765	2245	17010	50.02
11	4625	407	412	5444	1148	3750	0	251	4782	4853	-857	14589	0	14589	2328	16917	50.02
12	4599	629	411	5639	1180	3470	0	273	5087	5436	-875	15123	0	15123	2350	17473	49.99
13	4612	454	407	5473	1269	3470	0	219	5149	5434	-842	15023	0	15023	2317	17340	50.01
14	4650	235	405	5290	1223	3472	0	213	4911	5186	-776	14608	0	14608	2254	16862	49.96
15	4721	230	396	5347	1255	3471	0	177	4852	4926	-764	14412	0	14412	2244	16656	49.96
16	4763	174	408	5345	1384	3462	0	175	4856	5094	-704	14756	0	14756	2176	16932	50.02
17	4552	110	409	5071	1385	3398	0	93	4541	4647	-747	13847	0	13847	2147	15994	50.01
18	4098	409	420	4927	1387	2987	0	76	4406	4944	-880	13441	0	13441	2115	15556	50.00
19	4414	335	412	5161	1409	3209	0	14	4470	4618	-949	13462	0	13462	2147	15609	50.02
20	4741	401	410	5552	1166	3465	0	0	4521	4670	-859	13994	0	13994	2309	16303	49.89
21	4809	332	412	5553	1169	3476	0	0	4433	4656	-675	14179	0	14179	2362	16541	49.89
22	4814	226	417	5457	1154	3464	0	0	4464	4609	-716	13968	0	13968	2325	16293	49.94
23	4895	240	428	5563	1178	3467	0	0	4370	4287	-984	13511	0	13511	2311	15822	49.97
24	4953	235	418	5606	1061	3474	0	0	4130	4331	-1069	13403	0	13403	2213	15616	50.01
MUs	107.06	7.22	9.90	124.18	28.94	85.80	0.00	1.97	109.85	113.44	-17.66	336.67	0.00	336.67	51.39	388.06	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/2017

Position as on 6.30 Hrs of 31/Jul/2017

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.	
CENT.SECTOR	TARAPUR 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
MSPGCL	Khaparkheda Unit 2	210	14/06/2017	23.16		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 7	210	21/06/2017	01.24		Continued.	COH.	
IPP	JSW (J) U4	300	04/07/2017	20.41		Continued.	Annual Overhaul	
CENT.SECTOR	TARAPUR-3	540	11/07/2017	16.30		Continued.	Reactor Inspection Work	
IPP	Adani U-3	660	14/07/2017	23.48		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 5	500	15/07/2017	05.59		Continued.	Zero Schedule By MSEDCL (Converted to AOH from 00:00Hrs of 20.07.2017)	
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	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
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)	
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	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	RPL(AMT) U-1	270	24/05/2017	03.27		Continued.	Flame Failure(converted to Zero Schedule from 00.00Hrs DT.13th Jun 17)	
IPP	JSW (J) U2	300	31/05/2017	23.58		Continued.	NO SCHEDULE.	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	
IPP	RPL(AMT) U-3	270	05/06/2017	14.31		Continued.	swapping with unit-5(converted to Zero Schedule from 00.00Hrs DT.15th Jun 17)	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 30/Jul/2017

Position as on 6.30 Hrs of 31/Jul/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-4	270	09/06/2017	00.20		Continued.	Zero Schedule by MSEDCL	
IPP	RPL(AMT) U-5	270	09/06/2017	01.39		Continued.	Zero Schedule by MSEDCL	
IPP	RPL(AMT) U-2	270	09/06/2017	04.24		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Parli Unit 7	250	13/06/2017	00.04		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 3	210	13/06/2017	06.01		Continued.	Zero Schedule By MSEDCL	
IPP	VIPL U-1	300	13/06/2017	08.30		Continued.	GT WORK	
MSPGCL	Parli Unit 6	250	14/06/2017	00.02		Continued.	Zero schedule by MSEDCL.	
MSPGCL	Parli Unit 8	250	17/06/2017	00.08		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Nasik Unit 4	210	10/07/2017	14.28		Continued.	Boiler validity extention.on date 12/07/2017 contverted zero schedule	
MSPGCL	Khaparkheda Unit 1	210	11/07/2017	23.53		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 3	210	12/07/2017	08.40		Continued.	Boiler Tube Leakage. on date 13.07.2017 converted to zero schedule.	
MSPGCL	Khaparkheda Unit 4	210	13/07/2017	03.36		Continued.	Drum level low. on Dated 14.07.2017 converted to zero schedule.	
MSPGCL	Nasik Unit 5	210	16/07/2017	00.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 4	500	17/07/2017	23.46		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 5	500	25/07/2017	00.00	30/07/2017	19.27	Zero Schedule By MSEDCL	
CPP	SWPGL U-3	135	27/07/2017	13.00		Continued.	ID Fan Problem	
MSPGCL	Ghatghar Unit-1	125	28/07/2017	00.00		Continued.	rbtv leakage attending work.	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Koradi Unit 10	660	29/07/2017	23.15	30/07/2017	02.50	Generator Elect. Fault	
IPP	VIPL U-2	300	30/07/2017	11.02		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	31/07/2017	01.25		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Jul/2017

Statement-VII

Position as on 6.30 Hrs of 31/Jul/2017

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							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line converted as 220 kV Solapur (PG)- Jeur from LOC 403
Dhule Sar'Sarovar I	InterState	29/07/2017	18.07		Continued.	HT	Over Voltage
Dabhol Nagothane II	InterState	30/07/2017	12.52	30/07/2017	13.39	T	Tripped from Dabhol end only
Khadka-Aurangabad (Waluj)	IntraState	12/07/2017	18.11		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	16/07/2017	16.05		Continued.	HT	To control load
Karad-Jaigad - I	IntraState	28/07/2017	17.00		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	29/07/2017	19.55		Continued.	HT	Over Voltage
Bus Coupler @ Chandrapur	IntraState	29/07/2017	23.17	31/07/2017	01.05	EO	air leakage in breaker compressor.
Lonikand I - Koyna stage-IV	IntraState	30/07/2017	03.20	30/07/2017	06.39	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	30/07/2017	10.30	30/07/2017	15.25	EO	Jumper Tightening and Fixing of Nut Bolts
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	NO SCHEDULE.
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.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12.23		Continued.	T	Distance Protection
Vita - Mhaishal	IntraState	01/07/2017	14.19		Continued.	PO	Bunching Work
Vita - Miraj	IntraState	01/07/2017	14.53		Continued.	PO	bunching work.
Vita - Ghatnandre	IntraState	31/07/2017	02.23		Continued.	T	Distance Protection
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)
132 KV LINE Outages/Trippings							
Bambwade-Tap On Shirala Chikhali	IntraState	29/07/2017	23.26	30/07/2017	02.12	T	Distance Protection

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