

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Jul/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	115.354	1461.124	1) Gujrat	-1.963	12.102
2) Hydro	4.629	89.003	2) Madhya Pradesh	13.521	254.299
3) Gas	9.497	116.392	3) Chattisgarh	6.760	115.550
Total MSPGCL	129.480	1666.519	4) Maharashtra Net	66.657	1289.160
B) 1) APML	54.460	881.628	5) Goa (Amona)	-0.528	-6.072
2) JSWEL	12.759	169.160	Total	84.447	1665.039
3) VIPL	5.085	88.590	a) Mumbai Schedule	24.353	315.376
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	30.625	404.364
5) WPCL	2.327	45.873	c) MSEDCL Bilateral *	17.546	331.458
6) PGPL	0.000	0.000	Include PX	-1.465	59.938
7) Other IPP	3.091	40.580	d) Mumbai Bilateral *	24.353	315.376
C) 1) TPCL Thermal	12.071	194.632	Include PX	8.294	104.750
2) TPCL Hydro	4.696	62.753	Include Standby	0.000	0.000
3) TPCL Gas	4.445	48.579	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.672	147.275	1) MSEDCL	320.354	4779.068
D) STATE			2) Mumbai Discoms	61.509	857.604
1) Thermal	214.819	3028.862	TOTAL STATE	381.863	5636.672
(A1+C1+C4+(B1-B6))					
2) Hydro	9.325	151.756			
(A2+C2)					
3) Gas	13.942	164.971			
(A3+B6+C3)					
4) Wind	57.740	601.863			
6) SOLAR	1.590	24.180			
TOTAL STATE	297.416	3971.632			

* 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 21 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4736	4800	4932	4545
MSPGCL Hydro	291	170	336	71
MSPGCL Gas	392	391	395	390
MSPGCL Total Generation	5419	5361	5663	5006
Central Sector Receipt	4313	3820	3715	2947
WIND	2615	2495	2453	2196
CPP / IPP Thermal	3178	3206	3226	3291
CPP / IPP Gas	0	0	0	0
SOLAR	165	214	0	0
Exchange with Mumbai	-1679	-1719	-1192	-920
MSEDCL DEMAND MET	14011	13377	13865	12520
Load Shedding	0	0	0	0
MSEDCL DEMAND	14011	13377	13865	12520
TPCL GENERATION	1010	974	1037	688
R-INFRA GENERATION	384	384	466	385
MUMBAI DEMAND	3073	3077	2695	1993
STATE DEMAND MET	17084	16454	16560	14513
STATE DEMAND	17084	16454	16560	14513
Frequency (Hz)	50.06	50.04	49.99	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13.02 Hrs	49.83 Hz at 18.24 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 14/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	9.57	135.62	460	303
Unit 9	9.98	130.90	461	325
Unit 10	10.18	129.11	460	216
Total	29.72	395.63		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	8.83	25.78	370	360
Unit 5	8.84	20.83	380	360
Total	17.67	46.61		
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	0.00	0.00	0	0
Unit 4	4.07	61.66	174	164
Unit 5	8.75	129.88	370	355
Unit 6	8.86	135.37	382	356
Unit 7	8.81	138.58	375	351
Unit 8	8.71	126.07	380	357
Unit 9	8.67	136.77	369	336
Total	47.88	728.33		
Paras				
Unit 3	4.62	73.44	197	188
Unit 4	0.00	0.00	0	0
Total	4.62	73.44		
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	7.55	50.82	370	0
Total	7.55	102.06		
Nasik				
Unit 3	3.94	18.49	167	160
Unit 4	0.00	41.20	0	0
Unit 5	3.98	55.36	170	160
Total	7.92	115.05		
Uran				
All Units	9.50	116.39	408	388
Total	9.50	116.39		
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)	0.08	2.47	44	0
Total	0.08	2.47		
Koyna				
Stage 1-2	1.54	38.34	175	40
Stage 4	0.00	18.17	0	0
Stage 3	1.58	18.30	160	0
Total	3.12	74.81		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.30	1.09	61	0
TILLARI	0.00	1.23	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.46	5.70	80	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.73	2.34	47	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.02	0.27	1	0
GHATGHAR	0.00	3.55	0	0
Total	1.50	14.19		
Wind				
Total	57.74	601.86	0	0
Total	57.74	601.86		
CPP				
APML(Mus)	54.46	881.63	0	0
JSWEL(Mus)	12.76	169.16	0	0
VIPL(Mus)	5.08	88.59	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.33	45.87	0	0
Other(Mus)	3.09	40.58	0	0
Total	77.72	1225.83		
SOLAR				
Total	1.59	24.18	0	0
Total	1.59	24.18		
Tata				
Trombay 5	7.24	127.94	307	285
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.87	30.00	123	115
Trombay 7B	1.58	18.57	67	64
Trombay 8	4.83	66.70	207	198
TATA Hydro	4.70	62.75	403	0
Total	21.21	305.96		
R-INFRA				
DTPS U-1&2	9.67	147.28	494	383
Total	9.67	147.28		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	115.35	1461.12	MSPGCL Total	129.48	1666.52
			MSPGCL Thml+Gas	124.85	1577.52	Koyna 1,2 & 4 Total	1.54	56.51
			MSPGCL Hydro	4.63	89.00	State Total	297.42	3971.63

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 14/Jul/2017

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			THM	GAS										
1	4400	41	401	4842	1984	3721	0	0	3929	3817	-1215	13149	0	13149	2282	15431	49.99
2	4466	46	401	4913	2244	3455	0	0	3644	3246	-1027	12831	0	12831	2101	14932	49.99
3	4545	71	390	5006	2196	3291	0	0	3401	2947	-920	12520	0	12520	1993	14513	50.04
4	4732	85	388	5205	2604	3259	0	0	2944	2517	-860	12725	0	12725	1924	14649	50.00
5	4894	85	388	5367	2521	3259	0	0	2629	2623	-828	12942	0	12942	1909	14851	49.98
6	4918	41	396	5355	2512	3256	0	0	3252	3365	-910	13578	0	13578	2000	15578	49.98
7	4841	91	398	5330	2467	3253	0	12	3973	4011	-1011	14062	0	14062	2119	16181	49.96
8	4885	258	389	5532	2361	3244	0	44	4145	4102	-1079	14204	0	14204	2254	16458	50.03
9	4839	286	401	5526	2565	3163	0	87	4402	4422	-1323	14440	0	14440	2575	17015	50.01
10	4730	316	404	5450	2539	3171	0	139	4051	4231	-1462	14068	0	14068	2875	16943	50.01
11	4736	291	392	5419	2615	3178	0	165	4309	4313	-1679	14011	0	14011	3073	17084	50.06
12	4757	178	399	5334	2424	3202	0	156	4573	4437	-1777	13776	0	13776	3116	16892	50.01
13	4800	170	391	5361	2495	3206	0	214	3991	3820	-1719	13377	0	13377	3077	16454	50.04
14	4845	96	400	5341	2600	3189	0	209	3651	3525	-1552	13312	0	13312	2888	16200	50.00
15	4873	88	398	5359	2434	3168	0	191	3433	3757	-1544	13365	0	13365	2943	16308	49.95
16	4878	88	388	5354	2370	3162	0	193	3374	3576	-1544	13111	0	13111	2964	16075	49.99
17	4911	196	388	5495	2303	3159	0	120	2962	3128	-1509	12696	0	12696	2983	15679	49.96
18	4933	246	397	5576	2451	3232	0	50	2888	3109	-1372	13046	0	13046	2947	15993	49.95
19	4930	446	389	5765	2241	3234	0	10	2825	3025	-1234	13041	0	13041	2814	15855	49.95
20	4933	478	399	5810	2252	3241	0	0	3429	3611	-1202	13712	0	13712	2795	16507	49.95
21	4932	336	395	5663	2453	3226	0	0	3430	3715	-1192	13865	0	13865	2695	16560	49.99
22	4896	237	408	5541	2477	3238	0	0	3547	3267	-1272	13251	0	13251	2485	15736	50.00
23	4869	227	405	5501	2378	3202	0	0	3249	2866	-1250	12697	0	12697	2399	15096	50.01
24	4811	232	392	5435	2254	3013	0	0	2855	3019	-1144	12577	0	12577	2298	14875	50.00
MUs	115.35	4.63	9.50	129.48	57.74	77.72	0.00	1.59	84.89	84.45	-30.62	320.35	0.00	320.35	61.51	381.86	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 14/Jul/2017

Position as on 6.30 Hrs of 15/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	Chandrapur Unit 3	210	05/06/2017	23.24		Continued.	AOH.	
MSPGCL	Khaparkhedha Unit 2	210	14/06/2017	23.16		Continued.	Annual Overhaul	
MSPGCL	Paras Unit 4	250	21/06/2017	00.04		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	
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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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 14/Jul/2017

Position as on 6.30 Hrs of 15/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	
CPP	SWPGL U-3	135	07/07/2017	12.11		Continued.	ID Fan Problem	
MSPGCL	Nasik Unit 4	210	10/07/2017	14.28		Continued.	Boiler validity extention.	
MSPGCL	Khaparkheda Unit 5	500	11/07/2017	18.30	14/07/2017	01.51	Boiler Tube Leakage	
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	
MSPGCL	Khaparkheda Unit 4	210	13/07/2017	03.36		Continued.	Drum level low	
MSPGCL	Koyna Unit 2	75	14/07/2017	11.55	14/07/2017	17.50	Bus Section-I outage	
MSPGCL	Koyna Unit 3	75	14/07/2017	12.05	14/07/2017	17.50	Bus Section-I outage	
MSPGCL	Koyna Unit 4	75	14/07/2017	12.10	14/07/2017	17.50	Bus Section-I outage	
MSPGCL	Koyna Unit 1	75	14/07/2017	12.15	14/07/2017	17.50	Bus Section-I outage	
MSPGCL	Bhusawal Unit 5	500	15/07/2017	05.59		Continued.	Zero Schedule By MSEDCL	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Jul/2017

Statement-VII

Position as on 6.30 Hrs of 15/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 II	InterState	12/07/2017	20.45		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	08/07/2017	21.48		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	09/07/2017	09.21		Continued.	HT	Hand tripped to control load
Pune(GIS)-Parli(PG) Ckt 1	IntraState	12/07/2017	09.36		Continued.	PO	replacement of conductor.
Khadka-Aurangabad (Waluj)	IntraState	12/07/2017	18.11		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	13/07/2017	18.27		Continued.	HT	Over Voltage
Chandrapur II- Warora ckt II	IntraState	14/07/2017	08.01	14/07/2017	15.08	PO	Testing Work
Lonikand I - Koyna stage-IV	IntraState	15/07/2017	01.46	15/07/2017	06.43	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kV 315MVA ICT-I@Parly	IntraState	05/07/2017	16.42		Continued.	PO	replacement of r-ph unit with overhauled unit.
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.
Boiser(M)-Boiser(PG) -III	InterState	14/07/2017	16.37	14/07/2017	19.34	PO	Line Maintenance 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.
Vita - Mhaishal	IntraState	01/07/2017	14.19		Continued.	PO	Bunching Work
Vita - Miraj	IntraState	01/07/2017	14.53		Continued.	PO	bunching work.
Kharghar-Borivali ckt II	IntraState	07/07/2017	12.23		Continued.	T	Distance Protection
Pophali - Kdph	IntraState	12/07/2017	17.05		Continued.	HT	Flashover at pophali end
Phulambri-Bhokardan	IntraState	14/07/2017	01.18	14/07/2017	12.24	HT	Sparking on B Phase CT To Wave Trap Jumper
Kalwa - Siemens	IntraState	14/07/2017	09.26	14/07/2017	17.19	PO	Safety purpose for construction work
Jambhul - Pal	IntraState	14/07/2017	10.21	14/07/2017	13.52	EO	To attend Hot Spot
512 Khadki- Century Enka	IntraState	14/07/2017	10.50	14/07/2017	14.45	PO	Routine Maintenance Work
Kamba - Kolshet	IntraState	14/07/2017	10.55	14/07/2017	14.54	PO	LA Replacement
Koradi-Butibori Rly Tss	IntraState	14/07/2017	11.30	14/07/2017	18.12	PO	Taking numerical distance relay in service
Kandalgaon - Koyna	IntraState	14/07/2017	12.00	14/07/2017	17.50	PO	Bus Section-I outage
Pedambe-Pophali	IntraState	14/07/2017	12.08	14/07/2017	17.52	PO	Bus Section-I outage
Main Bus Section-I @ Pophali	IntraState	14/07/2017	12.20	14/07/2017	17.50	PO	Maint.work
Vankuswadi- Ajinkyatara	IntraState	14/07/2017	14.45	14/07/2017	17.40	PO	Bus Outage
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							
Waghala (Nanded2) - Umri 1	IntraState	14/07/2017	13.15	14/07/2017	17.42	T	Master trip relay operated

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