

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.423	2081.708	1) Gujrat	-3.741	-36.414
2) Hydro	9.675	78.352	2) Madhya Pradesh	9.763	150.949
3) Gas	6.463	132.664	3) Chattisgarh	6.860	92.250
Total MSPGCL	147.561	2292.724	4) Maharashtra Net	104.518	1414.233
B) 1) APML	61.149	634.815	5) Goa (Amona)	-0.418	-5.896
2) JSWEL	16.107	217.024	Total	116.982	1615.122
3) VIPL	6.979	86.077	a) Mumbai Schedule	26.719	392.629
4) RPL(AMT)	0.000	115.123	b) Mumbai Drawl	31.409	454.971
5) WPCL	4.173	48.841	c) MSEDCL Bilateral *	10.873	279.453
6) PGPL	0.000	0.000	Include PX	-3.255	36.475
7) Other IPP	4.051	45.471	d) Mumbai Bilateral *	26.719	392.501
C) 1) TPCL Thermal	15.354	197.601	Include PX	6.085	103.332
2) TPCL Hydro	3.815	54.381	Include Standby	0.000	0.128
3) TPCL Gas	4.495	61.711	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.433	140.022	1) MSEDCL	337.479	4900.483
D) STATE			2) Mumbai Discoms	65.506	908.687
1) Thermal	249.669	3566.682	TOTAL STATE	402.985	5809.170
(A1+C1+C4+(B1-B6))					
2) Hydro	13.490	132.733			
(A2+C2)					
3) Gas	10.958	194.375			
(A3+B6+C3)					
4) Wind	10.755	281.556			
6) SOLAR	1.131	18.701			
TOTAL STATE	286.003	4194.047			

* 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 15 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5399	5536	5665	5257
MSPGCL Hydro	281	329	838	61
MSPGCL Gas	251	252	272	259
MSPGCL Total Generation	5931	6117	6775	5577
Central Sector Receipt	5484	5877	4950	4095
WIND	461	377	572	526
CPP / IPP Thermal	3891	3907	3895	3769
CPP / IPP Gas	0	0	0	0
SOLAR	148	134	0	0
Exchange with Mumbai	-1482	-1596	-1249	-929
MSEDCL DEMAND MET	14433	14816	14943	13038
Load Shedding	0	0	0	0
MSEDCL DEMAND	14433	14816	14943	13038
TPCL GENERATION	1230	1194	1094	696
R-INFRA GENERATION	496	420	507	389
MUMBAI DEMAND	3208	3210	2850	2014
STATE DEMAND MET	17641	18026	17793	15052
STATE DEMAND	17641	18026	17793	15052
Frequency (Hz)	49.98	49.98	49.95	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 14.03 Hrs	49.73 Hz at 21.10 Hrs	49.97	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/Jun/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	3.34	39.66	150	125
Unit 8	2.78	79.22	340	0
Unit 9	8.28	127.69	380	320
Unit 10	7.64	116.10	385	295
Total	22.05	362.67		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	48.66	0	0
Unit 4	8.89	130.54	400	320
Unit 5	0.45	121.91	365	0
Total	9.34	301.11		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	65.93	0	0
Unit 7	0.00	59.86	0	0
Unit 8	4.17	9.16	200	148
Total	4.17	134.95		
Chandrapur				
Unit 3	0.00	19.72	0	0
Unit 4	4.55	60.92	192	185
Unit 5	9.50	124.64	405	381
Unit 6	9.68	130.81	445	365
Unit 7	10.04	124.58	435	360
Unit 8	8.60	119.93	401	342
Unit 9	10.38	126.53	500	329
Total	52.74	707.12		
Paras				
Unit 3	5.63	66.60	250	203
Unit 4	5.64	66.54	246	210
Total	11.27	133.14		
Khaparkheda				
Unit 1	2.67	46.80	145	80
Unit 2	2.49	49.37	130	8
Unit 3	3.45	50.09	150	134
Unit 4	3.38	42.33	153	129
Unit 5	11.03	136.43	500	390
Total	23.02	325.01		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.44	58.92	201	163
Unit 5	4.40	58.79	200	159
Total	8.84	117.71		
Uran				
All Units	6.46	132.66	398	243
Total	6.46	132.66		
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)	0.09	0.73	24	0
Total	0.09	0.73		
Koyna				
Stage 1-2	3.19	32.36	385	40
Stage 4	1.90	5.55	605	0
Stage 3	1.40	9.83	240	0
Total	6.50	47.74		
Hydro				
KDPH	0.25	3.20	11	10
VTRNA	0.98	12.18	61	0
TILLARI	0.00	0.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	3.34	80	0
RNGR+BHTSA	0.19	2.68	10	0
BHANDARDRA	0.00	1.36	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.36	0	0
GHATGHAR	1.50	7.11	250	0
Total	3.18	30.61		
Wind				
Total	10.76	281.56	0	0
Total	10.76	281.56		
CPP				
APML(Mus)	61.15	634.82	0	0
JSWEL(Mus)	16.11	217.02	0	0
VIPL(Mus)	6.98	86.08	0	0
RPLAMT(Mus)	0.00	115.12	0	0
WPCL(Mus)	4.17	48.84	0	0
Other(Mus)	4.05	45.47	0	0
Total	92.46	1147.35		
SOLAR				
Total	1.13	18.70	0	0
Total	1.13	18.70		
Tata				
Trombay 5	10.08	125.20	491	304
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.91	39.93	122	120
Trombay 7B	1.59	21.78	67	65
Trombay 8	5.27	72.40	242	193
TATA Hydro	3.82	54.38	438	0
Total	23.66	313.69		
R-INFRA				
DTPS U-1&2	10.43	140.02	507	388
Total	10.43	140.02		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	131.42	2081.71	MSPGCL Total	147.56	2292.72
			MSPGCL Thml+Gas	137.89	2214.37	Koyna 1,2 & 4 Total	5.09	37.91
			MSPGCL Hydro	9.68	78.35	State Total	286.00	4194.05

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/Jun/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	5842	71	259	6172	666	3833	0	0	4171	4067	-1268	13470	0	13470	2449	15919	49.97
2	5417	108	268	5793	554	3796	0	0	4154	4299	-1148	13294	0	13294	2230	15524	49.95
3	5262	61	258	5581	583	3781	0	0	3951	4125	-1030	13040	0	13040	2109	15149	49.93
4	5257	61	259	5577	526	3769	0	0	3974	4095	-929	13038	0	13038	2014	15052	49.95
5	5254	66	270	5590	552	3768	0	0	4288	4267	-934	13243	0	13243	2019	15262	49.94
6	5241	71	260	5572	465	3781	0	0	4577	4715	-966	13567	0	13567	2055	15622	49.96
7	5239	221	262	5722	185	3811	0	4	4638	4701	-1013	13410	0	13410	2111	15521	49.96
8	5345	373	273	5991	166	3906	0	31	4819	4840	-1057	13877	0	13877	2255	16132	50.03
9	5442	207	261	5910	250	3934	0	64	5083	5336	-1297	14197	0	14197	2647	16844	50.01
10	5459	232	266	5957	184	3927	0	93	5102	5305	-1343	14123	0	14123	2861	16984	49.97
11	5374	315	245	5934	305	3914	0	106	5398	5320	-1442	14137	0	14137	3180	17317	49.99
12	5399	281	251	5931	461	3891	0	148	5817	5484	-1482	14433	0	14433	3208	17641	49.98
13	5481	205	253	5939	382	3893	0	182	5820	5582	-1623	14355	0	14355	3204	17559	50.00
14	5476	205	261	5942	314	3898	0	152	5680	5599	-1654	14251	0	14251	3145	17396	49.99
15	5536	329	252	6117	377	3907	0	134	5606	5877	-1596	14816	0	14816	3210	18026	49.98
16	5577	244	250	6071	416	3907	0	114	5287	5473	-1451	14530	0	14530	3210	17740	49.98
17	5616	224	243	6083	425	3897	0	74	5103	5439	-1521	14397	0	14397	3208	17605	49.99
18	5559	376	263	6198	439	3888	0	24	4725	4866	-1541	13874	0	13874	3130	17004	50.00
19	5608	479	254	6341	552	3876	0	5	4502	4759	-1462	14071	0	14071	3044	17115	50.01
20	5661	821	256	6738	488	3737	0	0	4780	5113	-1334	14742	0	14742	2971	17713	50.01
21	5665	838	272	6775	572	3895	0	0	4592	4950	-1249	14943	0	14943	2850	17793	49.95
22	5605	1405	289	7299	619	3858	0	0	3906	4419	-1358	14837	0	14837	2850	17687	49.90
23	5615	1350	340	7305	604	3828	0	0	3893	4170	-1367	14540	0	14540	2782	17322	49.95
24	5493	1132	398	7023	670	3763	0	0	3655	4181	-1344	14293	0	14293	2764	17057	49.92
MUs	131.42	9.67	6.46	147.56	10.76	92.46	0.00	1.13	113.52	116.98	-31.41	337.48	0.00	337.48	65.51	402.99	49.97

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/Jun/2017

Position as on 6.30 Hrs of 15/Jun/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,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Chandrapur Unit 3	210	05/06/2017	23.24		Continued.	AOH.	
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 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	
MSPGCL	Nasik Unit 3	210	29/05/2017	11.30		Continued.	BTL(Converted to Zero schedule by MSEDCL. from 19.02 Hrs Dt.01.06.2017.	
IPP	JSW (J) U2	300	31/05/2017	23.58		Continued.	NO SCHEDULE.	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
IPP	RPL(AMT) U-3	270	05/06/2017	14.31		Continued.	swaping with unit-5.	
IPP	RPL(AMT) U-4	270	09/06/2017	00.20		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	09/06/2017	01.39		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-2	270	09/06/2017	04.24		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit-8	660	11/06/2017	00.20	14/06/2017	12.24	Air duct Leakage	
IPP	Adani U-2	660	12/06/2017	21.43		Continued.	PA Duct Bellow leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 14/Jun/2017

Position as on 6.30 Hrs of 15/Jun/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	Uran Unit 5	108	13/06/2017	08.34	14/06/2017	20.40	PRE FILTER REPLACEMENT WORK.	
MSPGCL	Parli Unit 6	250	14/06/2017	00.02		Continued.	Zero schedule by MSEDCL.	
MSPGCL	Bhusawal Unit 5	500	14/06/2017	01.20		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 2	210	14/06/2017	23.16		Continued.	Annual Overhaul	

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

Statement-VII

Position as on 6.30 Hrs of 15/Jun/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/Tripping							
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	13/06/2017	11.11	14/06/2017	11.06	PO	Line Maintenance work.RFC.
Dhule(MS)- Dhule(BDTCL) -I	InterState	14/06/2017	11.15	14/06/2017	13.04	PO	outages by wrldc.
Dhule(MS)- Dhule(BDTCL) -II	InterState	14/06/2017	15.09	14/06/2017	16.23	PO	outages by wrldc.
Dhule Sar'Sarovar I	InterState	14/06/2017	19.04		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	06/06/2017	20.53		Continued.	HT	to control load on padghe-bableshwar.
Bhusawal-Aurangabad	IntraState	12/06/2017	18.06		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	12/06/2017	23.56	14/06/2017	09.27	HT	Over Voltage
karad -kolhapur-II	IntraState	13/06/2017	17.15	14/06/2017	09.02	HT	Over Voltage
Padghe - Nagothane - I	IntraState	14/06/2017	03.11	14/06/2017	12.33	T	Distance Protection
Kalwa - Talegaon(PG)	IntraState	14/06/2017	06.39	14/06/2017	11.07	EO	Attending Hot Spot
Main Bus 1@Nagothane	IntraState	14/06/2017	09.56	15/06/2017	02.05	PO	erection of cvts & rmw.
Girwali-Solapur (Lamboti)	IntraState	14/06/2017	15.11		Continued.	EO	Attending Hot Spot
400 KV ICT Outages/Tripping							
400/220/33 Kv 315 Mva ICT I @Akola	IntraState	13/06/2017	21.38	14/06/2017	00.58	T	Tripped on PDR
400/220/33 Kv, 167 Mva, Spare Ict @Khaparkheda	IntraState	14/06/2017	09.57	14/06/2017	15.23	PO	premonsoon maint work.
220 KV LINE Outages/Tripping							
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.
Walchandnagar-Bhigwan	IntraState	04/06/2017	17.29		Continued.	T	Distance Protection
Kharghar-Borivali ckt II	IntraState	07/06/2017	12.23		Continued.	T	Distance Protection
Nanded-Ghatodi	IntraState	13/06/2017	22.10		Continued.	T	Distance Protection
Lamboti - Solapur li(Bale) Ckt- I	IntraState	14/06/2017	08.35		Continued.	PO	earthwire stringing work on multi circuit tower.
Lamboti -Solapur li(Bale) Ckt- li	IntraState	14/06/2017	08.35		Continued.	PO	earthwire stringing work on multi circuit tower.
Lamboti - Pandharpur li	IntraState	14/06/2017	08.41		Continued.	PO	earthwire stringing work on multi circuit tower.
Lamboti(solapur)-Karkamb	IntraState	14/06/2017	08.48		Continued.	PO	earthwire stringing work on multi circuit tower.
New Koyna - Pedambe	IntraState	14/06/2017	09.33		Continued.	T	Distance Protection
Mumewadi -Halkarni I	IntraState	14/06/2017	09.46	14/06/2017	14.58	PO	Line Maintenance work
Osmanabad - Barshi	IntraState	14/06/2017	10.20	14/06/2017	12.00	PO	work at barshi end.
Patoda-Manjarsumba	IntraState	14/06/2017	11.35	14/06/2017	13.05	PO	replacement of cb ac supply contactor coil.
Parli 3 (Oldgcr)-Harangul Ckt 2	IntraState	14/06/2017	12.00	14/06/2017	14.45	PO	Distance Relay Testing Work
Butibori - VIPL Ckt II	IntraState	14/06/2017	13.34	14/06/2017	17.51	PO	testing of vt selection relay and measurement of bc timing and replacement of mfm meter.
Bus Coupler @ Abhijeet	IntraState	14/06/2017	14.15	14/06/2017	17.00	PO	Tan Delta Measurment of CTs
220 KV ICT Outages/Tripping							
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 14/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 15/Jun/2017

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)
220/132 kV 200 MVA ICT- I @ Nanded	IntraState	14/06/2017	00.10	14/06/2017	02.57	T	Tripped on PDR
220/132/11 Kv 200 Mva Cgl Ict 2 @Amravati	IntraState	14/06/2017	09.54	14/06/2017	19.29	PO	premonsoon maintenance work.