

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Jun/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	143.040	1072.050	1) Gujrat	0.316	-5.785
2) Hydro	3.022	40.364	2) Madhya Pradesh	12.959	83.635
3) Gas	9.770	70.563	3) Chattisgarh	6.060	45.280
Total MSPGCL	155.832	1182.977	4) Maharashtra Net	90.691	748.230
B) 1) APML	45.250	303.145	5) Goa (Amona)	-0.528	-3.256
2) JSWEL	15.404	110.700	Total	109.498	868.104
3) VIPL	5.065	42.092	a) Mumbai Schedule	30.016	207.770
4) RPL(AMT)	14.629	100.074	b) Mumbai Drawl	34.513	241.095
5) WPCL	4.254	20.478	c) MSEDCL Bilateral *	19.488	195.166
6) PGPL	0.000	0.000	Include PX	-0.101	63.516
7) Other IPP	3.719	23.358	d) Mumbai Bilateral *	30.016	207.643
C) 1) TPCL Thermal	15.329	106.699	Include PX	8.774	66.828
2) TPCL Hydro	4.844	29.029	Include Standby	0.000	0.128
3) TPCL Gas	4.493	30.499	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.422	72.732	1) MSEDCL	352.560	2569.927
D) STATE			2) Mumbai Discoms	68.601	480.054
1) Thermal	256.112	1851.328	TOTAL STATE	421.161	3049.981
(A1+C1+C4+(B1-B6))					
2) Hydro	7.866	69.393			
(A2+C2)					
3) Gas	14.263	101.062			
(A3+B6+C3)					
4) Wind	32.060	150.149			
6) SOLAR	1.362	9.945			
TOTAL STATE	311.663	2181.877			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6302	5841	5802	6018
MSPGCL Hydro	111	112	170	61
MSPGCL Gas	436	436	449	446
MSPGCL Total Generation	6849	6389	6421	6525
Central Sector Receipt	5419	5282	3738	4235
WIND	819	1812	2118	1092
CPP / IPP Thermal	3905	3748	3591	3500
CPP / IPP Gas	0	0	0	0
SOLAR	188	115	0	0
Exchange with Mumbai	-1651	-1654	-1300	-1244
MSEDCL DEMAND MET	15529	15692	14568	14108
Load Shedding	0	0	0	0
MSEDCL DEMAND	15529	15692	14568	14108
TPCL GENERATION	1334	1344	1207	702
R-INFRA GENERATION	387	389	388	388
MUMBAI DEMAND	3372	3387	2895	2334
STATE DEMAND MET	18901	19079	17463	16442
STATE DEMAND	18901	19079	17463	16442
Frequency (Hz)	49.99	49.97	49.97	50.06

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 05.59 Hrs	49.8 Hz at 20.15 Hrs	50	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 07/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	3.52	15.72	155	140
Unit 8	7.22	53.86	313	295
Unit 9	7.76	63.14	358	310
Unit 10	7.50	54.80	350	276
Total	26.01	187.52		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.97	27.80	170	165
Unit 4	8.38	67.88	370	310
Unit 5	8.73	66.20	380	340
Total	21.08	161.89		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.92	36.64	245	197
Unit 7	4.79	36.13	252	191
Unit 8	0.00	0.00	0	0
Total	9.70	72.76		
Chandrapur				
Unit 3	0.00	19.72	0	0
Unit 4	4.27	30.63	195	169
Unit 5	8.94	62.49	400	358
Unit 6	9.12	65.78	435	347
Unit 7	8.52	66.05	435	294
Unit 8	6.52	59.42	304	251
Unit 9	7.49	61.51	361	269
Total	44.86	365.60		
Paras				
Unit 3	4.58	33.20	212	187
Unit 4	4.74	33.27	220	190
Total	9.32	66.48		
Khaparkheda				
Unit 1	3.52	22.64	160	110
Unit 2	3.66	24.48	170	120
Unit 3	3.80	24.10	170	142
Unit 4	3.73	16.57	165	134
Unit 5	9.39	69.95	460	380
Total	24.11	157.74		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.96	30.12	169	160
Unit 5	3.99	29.94	175	158
Total	7.96	60.06		
Uran				
All Units	9.77	70.56	453	115
Total	9.77	70.56		
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)	0.04	0.30	13	0
Total	0.04	0.30		
Koyna				
Stage 1-2	1.46	17.66	335	35
Stage 4	0.00	3.37	0	0
Stage 3	0.00	4.91	0	0
Total	1.46	25.95		
Hydro				
KDPH	0.00	1.30	0	0
VTRNA	1.03	5.38	61	0
TILLARI	0.00	0.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	1.78	80	0
RNGR+BHTSA	0.26	0.98	11	10
BHANDARDRA	0.00	1.36	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.36	0	0
GHATGHAR	0.00	2.87	0	0
Total	1.57	14.42		
Wind				
Total	32.06	150.15	0	0
Total	32.06	150.15		
CPP				
APML(Mus)	45.25	303.14	0	0
JSWEL(Mus)	15.40	110.70	0	0
VIPL(Mus)	5.06	42.09	0	0
RPLAMT(Mus)	14.63	100.07	0	0
WPCL(Mus)	4.25	20.48	0	0
Other(Mus)	3.72	23.36	0	0
Total	88.32	599.85		
SOLAR				
Total	1.36	9.94	0	0
Total	1.36	9.94		
Tata				
Trombay 5	9.98	69.11	490	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.91	19.63	122	119
Trombay 7B	1.58	10.86	67	65
Trombay 8	5.35	37.59	249	200
TATA Hydro	4.84	29.03	439	0
Total	24.67	166.23		
R-INFRA				
DTPS U-1&2	9.42	72.73	471	387
Total	9.42	72.73		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	143.04	1072.05	MSPGCL Total	155.83	1182.98
			MSPGCL Thml+Gas	152.81	1142.61	Koyna 1,2 & 4 Total	1.46	21.04
			MSPGCL Hydro	3.02	40.36	State Total	311.66	2181.88

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/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	6208	81	430	6719	1655	3857	0	0	4942	4442	-1697	14976	0	14976	2953	17929	49.95
2	5997	56	453	6506	1410	3687	0	0	4698	4705	-1418	14890	0	14890	2681	17571	49.99
3	5945	56	435	6436	1497	3659	0	0	4554	4031	-1283	14340	0	14340	2539	16879	50.00
4	5975	51	448	6474	1432	3568	0	0	4427	4024	-1264	14234	0	14234	2397	16631	50.07
5	6018	61	446	6525	1092	3500	0	0	3943	4235	-1244	14108	0	14108	2334	16442	50.06
6	5992	46	448	6486	934	3532	0	0	4488	4475	-1248	14179	0	14179	2346	16525	50.07
7	6099	71	449	6619	678	3670	0	12	5026	4627	-1200	14406	0	14406	2293	16699	50.06
8	5947	94	449	6490	516	3591	0	26	4994	5035	-1279	14379	0	14379	2399	16778	50.11
9	5964	196	446	6606	239	3648	0	75	4798	5179	-1405	14342	0	14342	2663	17005	50.04
10	6046	198	444	6688	240	3705	0	123	4964	5286	-1445	14597	0	14597	2969	17566	50.02
11	6067	116	430	6613	478	3889	0	184	5375	5615	-1588	15191	0	15191	3301	18492	50.01
12	6302	111	436	6849	819	3905	0	188	5884	5419	-1651	15529	0	15529	3372	18901	49.99
13	6060	111	426	6597	1179	3846	0	181	5827	5082	-1603	15282	0	15282	3291	18573	50.01
14	5856	111	424	6391	1401	3685	0	189	5585	5357	-1593	15430	0	15430	3281	18711	50.00
15	5862	121	423	6406	1446	3714	0	142	5686	5586	-1672	15622	0	15622	3411	19033	49.94
16	5841	112	436	6389	1812	3748	0	115	5640	5282	-1654	15692	0	15692	3387	19079	49.97
17	5832	110	428	6370	2328	3719	0	84	4822	4060	-1386	15175	0	15175	3194	18369	50.00
18	5905	115	440	6460	2465	3617	0	38	3705	3255	-1503	14332	0	14332	3062	17394	49.99
19	5841	185	448	6474	2175	3548	0	5	3076	3125	-1481	13846	0	13846	2942	16788	49.97
20	5802	170	449	6421	2118	3591	0	0	3905	3738	-1300	14568	0	14568	2895	17463	49.97
21	5820	110	448	6378	1768	3674	0	0	3787	3949	-1307	14462	0	14462	2855	17317	49.91
22	5850	155	298	6303	1535	3673	0	0	3950	4310	-1339	14482	0	14482	2703	17185	49.97
23	5876	405	121	6402	1420	3648	0	0	4176	4351	-1411	14410	0	14410	2675	17085	49.97
24	5935	180	115	6230	1423	3647	0	0	4486	4330	-1542	14088	0	14088	2658	16746	49.95
MUs	143.04	3.02	9.77	155.83	32.06	88.32	0.00	1.36	112.74	109.50	-34.51	352.56	0.00	352.56	68.60	421.16	50.00

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 07/Jun/2017

Position as on 6.30 Hrs of 08/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	
IPP	Adani U-5	660	28/05/2017	18.09		Continued.	EARTH FAULT PROTECTION STAGE 1 OPERATED.	
MSPGCL	Nasik Unit 3	210	29/05/2017	11.30		Continued.	Boiler Tube Leakage	
IPP	VIPL U-2	300	29/05/2017	23.51		Continued.	GT Problem	
MSPGCL	Parli Unit 8	250	31/05/2017	21.56		Continued.	Coal Shortage	
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.	
MSPGCL	Uran Unit 7	108	07/06/2017	21.34		Continued.	Bus Bar Protection operated at Uran	
MSPGCL	Uran Unit 6	108	07/06/2017	21.34		Continued.	Bus Bar prot.operated at Uran	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 07/Jun/2017

Position as on 6.30 Hrs of 08/Jun/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit B0	120	07/06/2017	21.34		Continued.	Bus Bar Prot.operated at Uran	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 08/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/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	02/06/2017	21.16		Continued.	T	Over Voltage
Dabhol Nagothane I	InterState	07/06/2017	07.51	07/06/2017	20.51	PO	Insulator Replacement Work
New Koyna - Dabhol - li	IntraState	06/06/2017	11.25	07/06/2017	07.32	PO	Insulator String replacement work
Khadka-Aurangabad (Waluj)	IntraState	06/06/2017	18.53	07/06/2017	10.25	HT	Over Voltage
Ektuni-Bableshtar ckt II	IntraState	06/06/2017	20.53		Continued.	HT	Over Voltage
Solapur - Parli(PG) I	IntraState	07/06/2017	07.44	07/06/2017	17.27	T	Distance Protection
Girwali-Solapur (Lamboti)	IntraState	07/06/2017	07.44	07/06/2017	17.44	T	b-ph string damaged and replaced at loc 10.
Chandrapur - Khaperkheda	IntraState	07/06/2017	09.25	07/06/2017	17.22	PO	Line Maintenance work
Bus Coupler @ Koradi	IntraState	07/06/2017	10.26	07/06/2017	14.56	PO	premonsoon maintenance work.
Akola - Bhusawal	IntraState	07/06/2017	10.41	07/06/2017	11.02	HT	to open reactor.
Akola - Bhusawal	IntraState	07/06/2017	11.45	07/06/2017	12.02	HT	to take reactor in service.
Khadka-Aurangabad (Waluj)	IntraState	07/06/2017	19.10		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	07/06/2017	15.58	07/06/2017	16.29	T	Tripped on NDR
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.
Wardha Deoli (Pg)	InterState	07/06/2017	09.34	07/06/2017	14.38	PO	Routine 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.
Kharghar-PGPL	IntraState	30/05/2017	13.14	08/06/2017	06.36	PO	bunching of tss kharghar line kharghar pgpl -msl tap line and removing bunching at loc 656.
Kharghar - Tss Panvel	IntraState	30/05/2017	13.54	07/06/2017	18.27	PO	bunching of tss kharghar line kharghar pgpl -msl tap line and removing bunching at loc 656.
Walchandnagar-Bhigwan	IntraState	04/06/2017	17.29		Continued.	T	Distance Protection
Nanded-Ghatodi	IntraState	06/06/2017	16.28		Continued.	HT	to control line loading.
Ongc Uran - Jnpt	IntraState	07/06/2017	06.02	07/06/2017	21.23	PO	construction work.
Khaparkheda-Kalmeshwar	IntraState	07/06/2017	08.00	07/06/2017	10.34	EO	Attending Hot Spot
Tuljapur-Lamboti(Tap to Vairag s/st.)	IntraState	07/06/2017	09.40		Continued.	PO	premonsoon maintenance work.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12.23		Continued.	T	Distance Protection
GIS Bhandup - Borivali	IntraState	07/06/2017	15.30	07/06/2017	20.27	HT	for working on 220kv kharghar-borivali line.
GIS Bhandup - Borivali	IntraState	07/06/2017	21.01		Continued.	T	Distance Protection
Uran - Jnpt	IntraState	07/06/2017	21.37	08/06/2017	00.33	T	Bus Bar Protection Operated
Uran - Kharghar 2	IntraState	07/06/2017	21.37	07/06/2017	23.55	T	Bus Bar Protection Operated
Uran - Apta IV	IntraState	07/06/2017	21.37	08/06/2017	05.58	T	Bus Bar Protection Operated
Uran - Apta III	IntraState	07/06/2017	21.37	07/06/2017	22.28	T	Bus Bar Protection Operated
Kalwa-TIFIL	IntraState	07/06/2017	22.10		Continued.	T	jumper broker.
220 KV ICT Outages/Trippings							

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 07/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 08/Jun/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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 100 Mva Cgl lct 2 @Amalner	IntraState	05/06/2017	08.27		Continued.	PO	CTR Recommissioning work
220kV 200MVA ICT IV @ OCR Nashik	IntraState	07/06/2017	09.13	07/06/2017	16.20	PO	premonsoon maintenance work.
220/132 Kv 150 Mva Emco lct 1 @Ambazari	IntraState	07/06/2017	09.35	07/06/2017	10.37	PO	premonsoon maintenance work.
220/132kv 200mva Vijai Ptr 2 @Lonand	IntraState	07/06/2017	09.38	07/06/2017	13.20	PO	premonsoon maintenance work.
220/132 Kv 200 Mva Emco lct 2 @Ambazari	IntraState	07/06/2017	10.55	07/06/2017	12.24	PO	premonsoon maintenance work.
220/132 Kv 200 Mva Bbl lct 1 @Beed	IntraState	07/06/2017	11.09	07/06/2017	12.32	PO	premonsoon maintenance work.
220/132 Kv 200 Mva Bbl lct 2 @Beed	IntraState	07/06/2017	13.12	07/06/2017	14.18	PO	premonsoon maintenance work.
220/132 Kv 200 MVA ICT III @Ambazari	IntraState	07/06/2017	13.36	07/06/2017	13.59	PO	premonsoon maintenance work.
132 KV LINE Outages/Trippings							
Harangul-Jagruti sugar	IntraState	06/06/2017	08.28		Continued.	PO	attend line ground clearances at loc.
Asgaon-Lakhandur 2	IntraState	07/06/2017	06.50	07/06/2017	12.35	PO	Replacement of flashover Insulator strings Work.
Dhule- Sakri	IntraState	07/06/2017	10.26	07/06/2017	18.08	PO	replacement of y-ph ct due to high tan delta.
Umri - Kundalwadi	IntraState	07/06/2017	14.35	07/06/2017	15.25	PO	line signature test.
Khadka - Savda	IntraState	07/06/2017	18.09	07/06/2017	20.25	PO	replacement of y-ph ct having leakage.