

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Jun/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	143.560	1215.610	1) Gujrat	-2.629	-8.414
2) Hydro	3.784	44.148	2) Madhya Pradesh	11.715	95.350
3) Gas	7.302	77.865	3) Chattisgarh	6.020	51.300
Total MSPGCL	154.646	1337.623	4) Maharashtra Net	93.593	841.823
B) 1) APML	43.811	346.956	5) Goa (Amona)	-0.352	-3.608
2) JSWEL	14.505	125.205	Total	108.347	976.451
3) VIPL	5.071	47.163	a) Mumbai Schedule	30.247	238.018
4) RPL(AMT)	13.952	114.026	b) Mumbai Drawl	32.541	273.636
5) WPCL	4.249	24.727	c) MSEDCL Bilateral *	18.914	214.080
6) PGPL	0.000	0.000	Include PX	-1.019	62.497
7) Other IPP	2.992	26.350	d) Mumbai Bilateral *	30.247	237.890
C) 1) TPCL Thermal	13.683	120.382	Include PX	9.764	76.592
2) TPCL Hydro	4.116	33.145	Include Standby	0.000	0.128
3) TPCL Gas	4.434	34.933	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.768	82.500	1) MSEDCL	345.201	2915.128
D) STATE			2) Mumbai Discoms	64.542	544.596
1) Thermal	251.591	2102.919	TOTAL STATE	409.743	3459.724
(A1+C1+C4+(B1-B6))					
2) Hydro	7.900	77.293			
(A2+C2)					
3) Gas	11.736	112.798			
(A3+B6+C3)					
4) Wind	28.691	178.840			
6) SOLAR	1.478	11.423			
TOTAL STATE	301.396	2483.273			

* 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 5 Hrs
MSPGCL Thermal	5995	5851	6153	5990
MSPGCL Hydro	174	120	305	51
MSPGCL Gas	341	425	430	115
MSPGCL Total Generation	6510	6396	6888	6156
Central Sector Receipt	5340	5122	4910	3468
WIND	1009	1245	1257	1227
CPP / IPP Thermal	3511	3526	3560	3497
CPP / IPP Gas	0	0	0	0
SOLAR	193	173	0	0
Exchange with Mumbai	-1634	-1494	-1616	-953
MSEDCL DEMAND MET	14929	14968	14999	13395
Load Shedding	0	0	0	0
MSEDCL DEMAND	14929	14968	14999	13395
TPCL GENERATION	1142	1203	890	697
R-INFRA GENERATION	387	429	388	389
MUMBAI DEMAND	3163	3126	2894	2039
STATE DEMAND MET	18092	18094	17893	15434
STATE DEMAND	18092	18094	17893	15434
Frequency (Hz)	49.99	50.01	49.98	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 08.02 Hrs	49.83 Hz at 22.20 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 08/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	3.60	19.32	156	140
Unit 8	7.24	61.10	310	300
Unit 9	7.37	70.51	331	298
Unit 10	7.12	61.93	310	270
Total	25.34	212.85		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.99	31.80	170	165
Unit 4	8.86	76.74	460	350
Unit 5	9.18	75.38	480	370
Total	22.04	183.92		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.85	41.48	250	190
Unit 7	4.82	40.94	252	194
Unit 8	0.00	0.00	0	0
Total	9.66	82.43		
Chandrapur				
Unit 3	0.00	19.72	0	0
Unit 4	4.26	34.88	198	168
Unit 5	8.83	71.32	395	351
Unit 6	9.00	74.78	440	360
Unit 7	8.35	74.40	368	320
Unit 8	8.31	67.72	358	320
Unit 9	9.73	71.25	500	348
Total	48.47	414.07		
Paras				
Unit 3	4.60	37.81	214	185
Unit 4	4.63	37.90	225	186
Total	9.23	75.71		
Khaparkheda				
Unit 1	3.12	25.76	160	95
Unit 2	3.42	27.91	160	135
Unit 3	3.36	27.46	164	102
Unit 4	3.38	19.95	152	131
Unit 5	7.59	77.54	390	0
Total	20.87	178.62		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.98	34.10	168	164
Unit 5	3.97	33.91	170	160
Total	7.95	68.01		
Uran				
All Units	7.30	77.86	443	114
Total	7.30	77.86		
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)	0.07	0.37	24	0
Total	0.07	0.37		
Koyna				
Stage 1-2	1.52	19.19	235	40
Stage 4	0.00	3.37	0	0
Stage 3	0.53	5.44	138	0
Total	2.06	28.01		
Hydro				
KDPH	0.00	1.30	0	0
VTRNA	0.89	6.27	61	0
TILLARI	0.00	0.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.29	2.07	77	0
RNGR+BHTSA	0.25	1.23	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	0.29	3.16	153	0
Total	1.72	16.14		
Wind				
Total	28.69	178.84	0	0
Total	28.69	178.84		
CPP				
APML(Mus)	43.81	346.96	0	0
JSWEL(Mus)	14.50	125.20	0	0
VIPL(Mus)	5.07	47.16	0	0
RPLAMT(Mus)	13.95	114.03	0	0
WPCL(Mus)	4.25	24.73	0	0
Other(Mus)	2.99	26.35	0	0
Total	84.58	684.43		
SOLAR				
Total	1.48	11.42	0	0
Total	1.48	11.42		
Tata				
Trombay 5	8.67	77.78	490	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.86	22.50	122	110
Trombay 7B	1.57	12.44	67	62
Trombay 8	5.01	42.60	249	200
TATA Hydro	4.12	33.14	395	0
Total	22.23	188.46		
R-INFRA				
DTPS U-1&2	9.77	82.50	508	387
Total	9.77	82.50		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	143.56	1215.61	MSPGCL Total	154.65	1337.62
			MSPGCL Thml+Gas	150.86	1293.48	Koyna 1,2 & 4 Total	1.52	22.56
			MSPGCL Hydro	3.78	44.15	State Total	301.40	2483.27

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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	6001	73	125	6199	1384	3596	0	0	4374	4400	-1435	14144	0	14144	2527	16671	49.97
2	5997	51	114	6162	1269	3513	0	0	4251	4026	-1254	13716	0	13716	2348	16064	49.93
3	6020	56	115	6191	1132	3501	0	0	3935	3886	-1047	13663	0	13663	2133	15796	49.96
4	6014	66	126	6206	1106	3497	0	0	3711	3544	-981	13372	0	13372	2064	15436	50.02
5	5990	51	115	6156	1227	3497	0	0	3632	3468	-953	13395	0	13395	2039	15434	49.99
6	5957	51	133	6141	1290	3491	0	0	3596	3812	-988	13746	0	13746	2073	15819	49.99
7	5991	194	163	6348	1091	3497	0	13	3956	4115	-995	14069	0	14069	2082	16151	49.99
8	5961	207	189	6357	1068	3484	0	37	4282	4322	-1048	14220	0	14220	2148	16368	50.03
9	6010	231	223	6464	1244	3472	0	88	4497	4389	-1296	14361	0	14361	2496	16857	50.01
10	5750	287	277	6314	1215	3487	0	139	4267	4386	-1434	14107	0	14107	2911	17018	49.96
11	5737	427	312	6476	1131	3522	0	166	4893	4897	-1561	14631	0	14631	3042	17673	50.00
12	5995	174	341	6510	1009	3511	0	193	5588	5340	-1634	14929	0	14929	3163	18092	49.99
13	5801	111	416	6328	1282	3536	0	200	5693	4930	-1531	14745	0	14745	3156	17901	50.00
14	5685	111	416	6212	1349	3534	0	192	5117	4957	-1527	14717	0	14717	3059	17776	50.00
15	5851	120	425	6396	1245	3526	0	173	5694	5122	-1494	14968	0	14968	3126	18094	50.01
16	5971	120	414	6505	946	3546	0	136	5451	5156	-1443	14846	0	14846	3183	18029	49.98
17	6033	115	422	6570	1084	3489	0	89	4590	4800	-1365	14667	0	14667	3179	17846	49.95
18	6052	260	416	6728	1157	3495	0	43	4001	4394	-1447	14370	0	14370	3113	17483	49.99
19	6080	350	418	6848	1490	3505	0	9	3940	3996	-1451	14397	0	14397	2895	17292	50.01
20	6136	203	419	6758	1376	3519	0	0	4752	4631	-1552	14732	0	14732	2855	17587	49.95
21	6153	305	430	6888	1257	3560	0	0	4236	4910	-1616	14999	0	14999	2894	17893	49.98
22	6184	106	421	6711	1097	3602	0	0	4765	5009	-1505	14914	0	14914	2705	17619	49.97
23	6171	60	443	6674	1152	3599	0	0	4763	5128	-1507	15046	0	15046	2700	17746	49.98
24	6020	55	429	6504	1090	3593	0	0	5128	4729	-1477	14439	0	14439	2651	17090	50.00
MUs	143.56	3.78	7.30	154.65	28.69	84.58	0.00	1.48	109.11	108.35	-32.54	345.20	0.00	345.20	64.54	409.74	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 08/Jun/2017

Position as on 6.30 Hrs of 09/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	08/06/2017	05.25	Bus Bar Protection operated at Uran	
MSPGCL	Uran Unit B0	120	07/06/2017	21.34	08/06/2017	08.28	Bus Bar Prot.operated at Uran	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 08/Jun/2017

Position as on 6.30 Hrs of 09/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 6	108	07/06/2017	21.34	08/06/2017	09.36	Bus Bar prot.operated at Uran	
MSPGCL	Khaparkheda Unit 5	500	08/06/2017	09.17	08/06/2017	12.08	Flame Failure	
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.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 09/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	08/06/2017	11.36	T	Over Voltage
Koradi Bhilai	InterState	08/06/2017	16.27	08/06/2017	18.03	T	Tripped @ Bhilai End.
Dhule Sar'Sarovar II	InterState	08/06/2017	19.25		Continued.	HT	Over Voltage
Koradi Bhilai	InterState	08/06/2017	20.05	08/06/2017	20.47	HT	H/T @ Bhilai End.
Ektuni-Bableshtar ckt II	IntraState	06/06/2017	20.53		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	07/06/2017	19.10		Continued.	HT	Over Voltage
Chandrapur II- Warora ckt II	IntraState	08/06/2017	08.57	08/06/2017	18.14	PO	Line Maintenance work
Jaigad-New Koyna Ckt-II	IntraState	08/06/2017	13.42		Continued.	PO	CVT Replacement.
Padghe - Kalwa-II	IntraState	08/06/2017	14.26	08/06/2017	17.32	EO	String Replacement.
Padghe - Kalwa-II	IntraState	09/06/2017	06.30		Continued.	EO	Y Phase Insulator String Dcapping Replacement Work @ Loc No.1132.
400 KV ICT Outages/Trippings							
400/220 Kv 315 MVA ICT-II @Chakan	IntraState	08/06/2017	13.11	08/06/2017	18.23	PO	Routine Maintenance Work
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-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.
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.
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	21.01	08/06/2017	17.50	T	Distance Protection
Uran - Jnpt	IntraState	07/06/2017	21.37	08/06/2017	00.33	T	Bus Bar Protection Operated
Uran - Apta IV	IntraState	07/06/2017	21.37	08/06/2017	05.58	T	Bus Bar Protection Operated
Kalwa-TIFIL	IntraState	07/06/2017	22.10	08/06/2017	22.45	T	jumper broker.
Butibori - Puri	IntraState	08/06/2017	07.55	08/06/2017	15.41	PO	Construction of 765KV D/C Gadawara Warora Transmission Line by PGCIL.
Puri-Bhugaon	IntraState	08/06/2017	08.21	08/06/2017	15.45	PO	Construction of 765KV D/C Gadawara Warora Transmission Line by PGCIL.
Koradi II - Kawlewada	IntraState	08/06/2017	08.34	08/06/2017	11.13	PO	Replacement of Flash Suspension Disc Insulator String of B ph.
Magar Patta City- Serum	IntraState	08/06/2017	09.20	08/06/2017	17.00	PO	Routine Maintenance Work
Sadawaghapur Karad Ckt 2	IntraState	08/06/2017	10.02	08/06/2017	12.57	PO	Attending Hot Spot
Talandge-Mudshingi Ckt-I	IntraState	08/06/2017	10.38	08/06/2017	14.15	T	Distance Protection, R Ph CC Burst.
Paras-Chikhali Ckt No-I	IntraState	08/06/2017	10.50	08/06/2017	20.05	PO	Replacement of Faulty Breaker Cable of Trip Ckt on TBC.
Kalwa - Borivali	IntraState	08/06/2017	18.25	08/06/2017	23.15	PO	Attending Hot Spot

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 08/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 09/Jun/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of 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)
220/132 Kv 100 Mva Cgl Ict 2 @Amalner	IntraState	05/06/2017	08.27	08/06/2017	18.56	PO	CTR Recommissioning work
220/100 Kv 125 Mva Hel Ict 2 @Jambhul	IntraState	07/06/2017	11.00		Continued.	PO	HV Breaker replacement
220/132 KV 200MVA ICT I @ Kanhana	IntraState	08/06/2017	10.44	08/06/2017	12.15	PO	Premonsoon Maint.& R.M.Work.
220/132kv 200 Mva Aditya Vidyut Ict 2 @Kanhana	IntraState	08/06/2017	12.21	08/06/2017	13.36	PO	Premonsoon Maint.& R.M.Work
220/132 kv 200MVA ICT II @ Girwali	IntraState	08/06/2017	12.26	09/06/2017	13.47	PO	Oil Top up in OLTC Tank.
132 KV LINE Outages/Trippings							
Harangul-Jagruti sugar	IntraState	06/06/2017	08.28	08/06/2017	12.09	PO	attend line ground clearances at loc.
Nardana-Shirpur	IntraState	07/06/2017	23.40	08/06/2017	08.20	T	Distance Protection
Dhule(220kv)-Dondaicha(132 Kv)	IntraState	08/06/2017	18.55		Continued.	T	Distance Protection

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