

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Jun/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	157.455	157.455	1) Gujrat	1.806	1.806
2) Hydro	10.171	10.171	2) Madhya Pradesh	14.837	14.837
3) Gas	9.045	9.045	3) Chattisgarh	6.930	6.930
Total MSPGCL	176.671	176.671	4) Maharashtra Net	120.689	120.689
B) 1) APML	45.350	45.350	5) Goa (Amona)	-0.572	-0.572
2) JSWEL	16.108	16.108	Total	143.690	143.690
3) VIPL	6.990	6.990	a) Mumbai Schedule	32.532	32.532
4) RPL(AMT)	15.050	15.050	b) Mumbai Drawl	33.683	33.683
5) WPCL	2.429	2.429	c) MSEDCL Bilateral *	34.954	34.954
6) PGPL	0.000	0.000	Include PX	15.094	15.094
7) Other IPP	3.021	3.021	d) Mumbai Bilateral *	32.532	32.532
C) 1) TPCL Thermal	16.697	16.697	Include PX	11.379	11.379
2) TPCL Hydro	5.373	5.373	Include Standby	0.000	0.000
3) TPCL Gas	4.448	4.448	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.743	11.743	1) MSEDCL	388.347	388.347
D) STATE			2) Mumbai Discoms	71.944	71.944
1) Thermal	274.843	274.843	TOTAL STATE	460.291	460.291
(A1+C1+C4+(B1-B6))					
2) Hydro	15.544	15.544			
(A2+C2)					
3) Gas	13.493	13.493			
(A3+B6+C3)					
4) Wind	11.314	11.314			
6) SOLAR	1.407	1.407			
TOTAL STATE	316.601	316.601			

* 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 22 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	6751	6486	6416	6636
MSPGCL Hydro	866	338	317	131
MSPGCL Gas	333	421	439	430
MSPGCL Total Generation	7950	7245	7172	7197
Central Sector Receipt	7042	7374	5130	4997
WIND	34	350	889	607
CPP / IPP Thermal	4030	4205	3658	3733
CPP / IPP Gas	0	0	0	0
SOLAR	193	102	0	0
Exchange with Mumbai	-1602	-1796	-1603	-1550
MSEDCL DEMAND MET	17647	17480	15246	14984
Load Shedding	0	0	0	0
MSEDCL DEMAND	17647	17480	15246	14984
TPCL GENERATION	1330	1302	1002	1012
R-INFRA GENERATION	494	494	390	484
MUMBAI DEMAND	3426	3592	2995	3046
STATE DEMAND MET	21073	21072	18241	18030
STATE DEMAND	21073	21072	18241	18030
Frequency (Hz)	49.86	49.97	49.88	49.90

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 18.01 Hrs	49.73 Hz at 12.10 Hrs	49.94	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 01/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	0.00	0.00	0	0
Unit 8	7.58	7.58	340	296
Unit 9	7.43	7.43	350	293
Unit 10	6.88	6.88	327	267
Total	21.89	21.89		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.22	4.22	185	165
Unit 4	10.60	10.60	485	360
Unit 5	10.98	10.98	500	360
Total	25.80	25.80		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.67	5.67	250	197
Unit 7	5.66	5.66	252	194
Unit 8	0.00	0.00	0	0
Total	11.33	11.33		
Chandrapur				
Unit 3	3.98	3.98	170	162
Unit 4	4.50	4.50	193	165
Unit 5	8.73	8.73	390	335
Unit 6	9.91	9.91	434	375
Unit 7	10.15	10.15	440	358
Unit 8	9.44	9.44	472	360
Unit 9	9.49	9.49	471	350
Total	56.19	56.19		
Paras				
Unit 3	4.76	4.76	206	190
Unit 4	4.74	4.74	202	190
Total	9.50	9.50		
Khaparkheda				
Unit 1	3.26	3.26	155	110
Unit 2	3.33	3.33	150	130
Unit 3	3.31	3.31	150	117
Unit 4	3.24	3.24	147	121
Unit 5	10.48	10.48	470	380
Total	23.62	23.62		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.61	4.61	207	164
Unit 5	4.52	4.52	200	167
Total	9.13	9.13		
Uran				
All Units	9.04	9.04	450	271
Total	9.04	9.04		
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)	0.05	0.05	23	0
Total	0.05	0.05		
Koyna				
Stage 1-2	4.80	4.80	475	40
Stage 4	2.00	2.00	250	0
Stage 3	1.79	1.79	226	0
Total	8.58	8.58		
Hydro				
KDPH	0.52	0.52	22	21
VTRNA	0.52	0.52	61	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	0.32	63	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.23	0.23	10	9
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.00	0	0
GHATGHAR	0.00	0.00	0	0
Total	1.59	1.59		
Wind				
Total	11.31	11.31	0	0
Total	11.31	11.31		
CPP				
APML(Mus)	45.35	45.35	0	0
JSWEL(Mus)	16.11	16.11	0	0
VIPL(Mus)	6.99	6.99	0	0
RPLAMT(Mus)	15.05	15.05	0	0
WPCL(Mus)	2.43	2.43	0	0
Other(Mus)	3.02	3.02	0	0
Total	88.95	88.95		
SOLAR				
Total	1.41	1.41	0	0
Total	1.41	1.41		
Tata				
Trombay 5	10.98	10.98	489	330
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.87	2.87	124	112
Trombay 7B	1.57	1.57	67	63
Trombay 8	5.72	5.72	249	200
TATA Hydro	5.37	5.37	459	0
Total	26.52	26.52		
R-INFRA				
DTPS U-1&2	11.74	11.74	508	388
Total	11.74	11.74		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	157.46	157.46	MSPGCL Total	176.67	176.67
			MSPGCL Thml+Gas	166.50	166.50	Koyna 1,2 & 4 Total	6.80	6.80
			MSPGCL Hydro	10.17	10.17	State Total	316.60	316.60

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	6686	203	450	7339	1021	3541	0	0	5524	5812	-1537	16176	0	16176	2983	19159	49.95
2	6599	151	361	7111	802	3548	0	0	5420	5867	-1335	15993	0	15993	2750	18743	50.02
3	6676	186	281	7143	551	3561	0	0	5300	5707	-1153	15809	0	15809	2569	18378	49.95
4	6680	306	271	7257	364	3564	0	0	5203	5801	-1015	15971	0	15971	2434	18405	49.94
5	6607	451	292	7350	201	3558	0	0	5150	5545	-953	15701	0	15701	2373	18074	49.96
6	6671	471	290	7432	164	3574	0	0	5605	6053	-952	16271	0	16271	2378	18649	49.99
7	6702	681	325	7708	175	3580	0	11	5762	6254	-906	16822	0	16822	2311	19133	49.99
8	6825	892	342	8059	178	3584	0	53	5435	5658	-871	16661	0	16661	2378	19039	50.01
9	6908	590	372	7870	124	3557	0	105	5664	6215	-1114	16757	0	16757	2784	19541	49.98
10	6890	620	362	7872	91	3506	0	155	5820	6358	-1312	16670	0	16670	2986	19656	49.95
11	6825	987	369	8181	42	3491	0	165	6142	6581	-1491	16969	0	16969	3320	20289	49.87
12	6751	866	333	7950	34	4030	0	193	6914	7042	-1602	17647	0	17647	3426	21073	49.86
13	6700	686	310	7696	35	4202	0	199	6889	6978	-1632	17478	0	17478	3444	20922	49.86
14	6592	472	396	7460	56	4194	0	199	6811	7126	-1617	17418	0	17418	3427	20845	49.94
15	6537	539	417	7493	115	4204	0	154	7133	7176	-1788	17354	0	17354	3577	20931	49.87
16	6486	338	421	7245	350	4205	0	102	7333	7374	-1796	17480	0	17480	3592	21072	49.97
17	6321	72	422	6815	691	3900	0	47	7006	6679	-1755	16377	0	16377	3538	19915	49.95
18	5941	311	423	6675	994	3491	0	23	5427	5578	-1567	15194	0	15194	3335	18529	49.93
19	5988	343	436	6767	1065	3473	0	1	4403	4683	-1498	14491	0	14491	3182	17673	50.00
20	6161	200	425	6786	1162	3577	0	0	4912	4710	-1591	14644	0	14644	3071	17715	49.94
21	6217	222	436	6875	1013	3580	0	0	4900	4954	-1526	14896	0	14896	3038	17934	49.91
22	6416	317	439	7172	889	3658	0	0	4883	5130	-1603	15246	0	15246	2995	18241	49.88
23	6636	131	430	7197	607	3733	0	0	5026	4997	-1550	14984	0	14984	3046	18030	49.90
24	6640	136	442	7218	590	3636	0	0	5117	5412	-1519	15337	0	15337	3007	18344	49.92
MUs	157.46	10.17	9.04	176.67	11.31	88.95	0.00	1.41	137.78	143.69	-33.68	388.35	0.00	388.35	71.94	460.29	49.94

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 01/Jun/2017

Position as on 6.30 Hrs of 02/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	
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-5	270	15/04/2017	08.59		Continued.	Coal Shortage	
CPP	SWPGL U-3	135	15/05/2017	02.43		Continued.	ID Fan Problem	
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.	to gas formation in g.t.	
MSPGCL	Koradi Unit 7	210	31/05/2017	14.22		Continued.	Boiler Tube Leakage	
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.	
MSPGCL	Uran Unit 6	108	01/06/2017	01.40	01/06/2017	05.58	DUMPER DISCREPANCY.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 02/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
Dabhol Newkoyna li	InterState	30/05/2017	07.47	01/06/2017	08.18	PO	Insulator Replacement Work
Dhule Sar'Sarovar I	InterState	31/05/2017	18.36	01/06/2017	07.57	HT	Over Voltage
Main Bus- II @ Jejuri	InterState	01/06/2017	09.49	01/06/2017	18.21	PO	Routine Maintenance Work
Dhule Sar'Sarovar II	InterState	01/06/2017	16.42		Continued.	HT	Over Voltage
Main Bus- II @ Jejuri	InterState	01/06/2017	22.16	01/06/2017	23.26	T	Bus Bar Protection Operated
Girwali- Lonikand 2	IntraState	29/05/2017	12.13	01/06/2017	10.57	PO	taken on tbc,to replace copper rods pg bus isolator.
Ektuni-Bableswhar ckt II	IntraState	31/05/2017	22.09		Continued.	HT	Controlling 400KV Padgha-Bableswhar. Line Loading.
Nagothane - Dabhol-II	IntraState	01/06/2017	08.34	01/06/2017	20.32	PO	tree cutting.
Bhusawal-Aurangabad	IntraState	01/06/2017	19.13		Continued.	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	01/06/2017	21.45		Continued.	T	Distance Protection
Lonikand 1 -Jejuri	IntraState	01/06/2017	22.16	01/06/2017	23.26	T	Bus Bar Protection Operated
Jejuri- Koynastage-IV	IntraState	01/06/2017	22.16	01/06/2017	23.43	T	Bus Bar Protection Operated
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	01/06/2017	23.05	02/06/2017	00.30	T	y p h earth.
400 KV ICT Outages/Trippings							
400/220KV 315MVA ICT3@Bhusawal II (khadaka)	IntraState	18/05/2017	11.04		Continued.	PO	Replacement Of B Phase Unit.
400/220 kV 500 MVA ICT-III @ Kalwa	IntraState	01/06/2017	07.20	01/06/2017	08.32	T	tripped on b zone busbar prot.
400/220 Kv 500 Mva ICT- I @Jejuri	IntraState	01/06/2017	22.16	01/06/2017	23.27	T	Bus Bar Protection Operated
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	01/06/2017	22.16	02/06/2017	03.48	T	Bus Bar Protection Operated
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	01/06/2017	7.20	01/06/2017	08.12	T	tripped on b zone busbar prot.
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		Continued.	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		Continued.	PO	bunching of tss kharghar line kharghar pgpl -msl tap line and removing bunching at loc 656.
Kalwa - Colourchem	IntraState	01/06/2017	07.20	01/06/2017	08.30	T	Bus Bar Protection Operated
Kalwa - Mulund 1	IntraState	01/06/2017	07.20	01/06/2017	08.39	T	Bus Bar Protection Operated
Trombay - Kalwa	IntraState	01/06/2017	07.20	01/06/2017	08.42	T	Bus Bar Protection Operated
Kalwa-TIFIL	IntraState	01/06/2017	07.20	01/06/2017	09.01	T	Bus Bar Protection Operated
Taloja II - OCIL-I	IntraState	01/06/2017	08.02	01/06/2017	19.21	T	Routine Maintenance Work
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	01/06/2017	08.40	01/06/2017	14.00	PO	Tan Delta Measurment of CTs
Amalner - Bambhori	IntraState	01/06/2017	09.34	01/06/2017	16.10	PO	Insulator Replacement Work
Kharepatan -Pawas Line	IntraState	01/06/2017	11.30	01/06/2017	17.51	PO	replacement of faulty cable of breakar.
Uran - Kharghar 2	IntraState	01/06/2017	13.32	01/06/2017	16.21	PO	Line Maintenance work
Shivajinagar - Malegaon	IntraState	01/06/2017	14.04	01/06/2017	16.53	PO	punch point work of 220kv

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 01/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 02/Jun/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							gangapur - satana line.
Abhijeet-Wardha-II	IntraState	01/06/2017	15.52	01/06/2017	18.09	T	Distance Protection
Kalwa-Salsette-IV	IntraState	01/06/2017	7.20	01/06/2017	09.00	T	Bus Bar Protection Operated
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							
Kanhan-Pardi	IntraState	01/06/2017	12.06	01/06/2017	13.11	T	Distance Protection