

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Jun/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.310	3240.772	1) Gujrat	-1.592	-61.593
2) Hydro	3.722	115.170	2) Madhya Pradesh	11.692	245.392
3) Gas	8.651	217.625	3) Chattisgarh	7.270	158.120
Total MSPGCL	142.683	3573.567	4) Maharashtra Net	95.421	2319.941
B) 1) APLM	55.580	1144.677	5) Goa (Amona)	-0.418	-9.086
2) JSWEL	15.546	364.108	Total	112.373	2652.774
3) VIPL	5.072	136.495	a) Mumbai Schedule	32.154	647.521
4) RPL(AMT)	0.000	115.123	b) Mumbai Drawl	40.446	780.721
5) WPCL	2.778	88.272	c) MSEDCL Bilateral *	11.803	412.822
6) PGPL	0.000	0.000	Include PX	-2.746	17.308
7) Other IPP	3.500	72.107	d) Mumbai Bilateral *	32.154	645.262
C) 1) TPCL Thermal	5.778	306.558	Include PX	16.792	197.687
2) TPCL Hydro	5.570	92.250	Include Standby	0.000	2.259
3) TPCL Gas	3.701	100.960	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	12.166	230.770	1) MSEDCL	345.634	7985.300
D) STATE			2) Mumbai Discoms	67.661	1511.255
1) Thermal	230.730	5698.882	TOTAL STATE	413.295	9496.555
(A1+C1+C4+(B1-B6))					
2) Hydro	9.292	207.420			
(A2+C2)					
3) Gas	12.352	318.585			
(A3+B6+C3)					
4) Wind	46.516	583.110			
6) SOLAR	2.032	35.788			
TOTAL STATE	300.922	6843.785			

* 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 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5356	5442	5466	5374
MSPGCL Hydro	193	170	226	56
MSPGCL Gas	346	345	377	355
MSPGCL Total Generation	5895	5957	6069	5785
Central Sector Receipt	5455	5311	4839	3804
WIND	1732	1981	1727	1874
CPP / IPP Thermal	3431	3371	3464	3382
CPP / IPP Gas	0	0	0	0
SOLAR	257	247	0	0
Exchange with Mumbai	-2048	-2033	-1545	-1255
MSEDCL DEMAND MET	14722	14834	14554	13590
Load Shedding	0	0	0	0
MSEDCL DEMAND	14722	14834	14554	13590
TPCL GENERATION	794	804	784	378
R-INFRA GENERATION	504	506	507	508
MUMBAI DEMAND	3346	3343	2836	2141
STATE DEMAND MET	18068	18177	17390	15731
STATE DEMAND	18068	18177	17390	15731
Frequency (Hz)	49.92	49.97	49.96	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.29 Hz at 07.27 Hrs	49.79 Hz at 13.43 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 23/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	59.96	0	0
Unit 8	10.76	161.44	460	400
Unit 9	10.92	212.36	464	365
Unit 10	11.04	200.09	464	455
Total	32.71	633.85		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	48.66	0	0
Unit 4	8.49	209.07	360	340
Unit 5	8.60	189.72	365	350
Total	17.08	447.45		
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	0.00	15.86	0	0
Total	0.00	141.65		
Chandrapur				
Unit 3	0.00	19.72	0	0
Unit 4	4.18	84.10	196	165
Unit 5	8.81	205.85	390	345
Unit 6	8.90	215.37	420	352
Unit 7	8.80	209.73	433	349
Unit 8	8.66	174.61	424	303
Unit 9	8.83	214.56	460	346
Total	48.18	1123.94		
Paras				
Unit 3	4.69	110.60	206	185
Unit 4	0.00	95.06	0	0
Total	4.69	205.66		
Khaparkheda				
Unit 1	3.60	76.59	160	135
Unit 2	0.00	49.37	0	0
Unit 3	3.74	75.00	170	140
Unit 4	3.75	73.84	170	135
Unit 5	8.73	221.94	380	360
Total	19.82	496.74		
Nasik				
Unit 3	3.88	25.78	167	160
Unit 4	3.94	96.02	170	161
Unit 5	0.00	69.70	0	0
Total	7.82	191.49		
Uran				
All Units	8.65	217.62	377	336
Total	8.65	217.62		
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)	0.14	1.50	24	0
Total	0.14	1.50		
Koyna				
Stage 1-2	1.44	48.61	235	40
Stage 4	0.12	5.81	76	0
Stage 3	0.30	14.14	160	0
Total	1.85	68.56		
Hydro				
KDPH	0.00	4.55	0	0
VTRNA	1.06	20.88	61	0
TILLARI	0.00	0.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.44	5.47	80	0
RNGR+BHTSA	0.23	4.28	10	9
BHANDARDRA	0.00	1.36	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.14	0.84	6	6
GHATGHAR	0.00	8.85	0	0
Total	1.87	46.61		
Wind				
Total	46.52	583.11	0	0
Total	46.52	583.11		
CPP				
APML(Mus)	55.58	1144.68	0	0
JSWEL(Mus)	15.55	364.11	0	0
VIPL(Mus)	5.07	136.50	0	0
RPLAMT(Mus)	0.00	115.12	0	0
WPCL(Mus)	2.78	88.27	0	0
Other(Mus)	3.50	72.11	0	0
Total	82.48	1920.78		
SOLAR				
Total	2.03	35.79	0	0
Total	2.03	35.79		
Tata				
Trombay 5	0.00	186.49	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.29	65.16	110	80
Trombay 7B	1.41	35.80	64	54
Trombay 8	5.78	120.07	244	234
TATA Hydro	5.57	92.25	399	6
Total	15.05	499.77		
R-INFRA				
DTPS U-1&2	12.17	230.77	510	500
Total	12.17	230.77		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	130.31	3240.77
MSPGCL Thml+Gas	138.96	3458.40
MSPGCL Hydro	3.72	115.17

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	142.68	3573.57
Koyna 1,2 & 4 Total	1.55	54.42
State Total	300.92	6843.78

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 23/Jun/2017

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5400	116	362	5878	1995	3416	0	0	4789	4422	-1526	14185	0	14185	2543	16728	49.97
2	5384	79	366	5829	2047	3389	0	0	4201	3889	-1427	13727	0	13727	2360	16087	49.93
3	5366	56	356	5778	1975	3387	0	0	3513	3778	-1352	13566	0	13566	2237	15803	49.97
4	5374	56	355	5785	1874	3382	0	0	3336	3804	-1255	13590	0	13590	2141	15731	50.00
5	5341	61	369	5771	1815	3364	0	0	3389	3945	-1225	13670	0	13670	2112	15782	49.97
6	5395	61	360	5816	1794	3397	0	0	4528	4864	-1286	14585	0	14585	2175	16760	49.95
7	5539	100	368	6007	1472	3534	0	8	4603	5345	-1328	15038	0	15038	2215	17253	49.95
8	5748	240	360	6348	1479	3724	0	49	4736	5013	-1343	15270	0	15270	2300	17570	50.05
9	5490	251	369	6110	1665	3704	0	142	5036	5073	-1701	14993	0	14993	2696	17689	50.00
10	5430	201	371	6002	1814	3465	0	160	5048	4833	-1922	14352	0	14352	3010	17362	49.99
11	5445	201	355	6001	1923	3421	0	226	5063	5039	-2054	14556	0	14556	3284	17840	49.98
12	5356	193	346	5895	1732	3431	0	257	5557	5455	-2048	14722	0	14722	3346	18068	49.92
13	5452	123	344	5919	1871	3400	0	241	5346	5274	-2021	14684	0	14684	3345	18029	49.93
14	5439	193	336	5968	1915	3392	0	259	4809	5337	-1970	14901	0	14901	3265	18166	49.96
15	5442	170	345	5957	1981	3371	0	247	4875	5311	-2033	14834	0	14834	3343	18177	49.97
16	5402	116	360	5878	2269	3376	0	210	4815	5116	-2032	14817	0	14817	3344	18161	50.00
17	5440	115	351	5906	2849	3365	0	148	4376	4550	-2065	14753	0	14753	3336	18089	50.00
18	5411	121	351	5883	2419	3360	0	68	3968	3811	-1898	13643	0	13643	3180	16823	49.97
19	5381	183	356	5920	2431	3349	0	14	3591	3722	-1796	13640	0	13640	3060	16700	49.97
20	5430	206	374	6010	2139	3395	0	3	4461	4242	-1755	14034	0	14034	2965	16999	49.95
21	5471	158	376	6005	1889	3425	0	0	4454	4766	-1623	14462	0	14462	2903	17365	49.95
22	5466	226	377	6069	1727	3464	0	0	4228	4839	-1545	14554	0	14554	2836	17390	49.96
23	5302	311	368	5981	1662	3463	0	0	4518	5030	-1592	14544	0	14544	2826	17370	49.96
24	5406	185	376	5967	1779	3503	0	0	4811	4915	-1649	14515	0	14515	2839	17354	49.95
MUs	130.31	3.72	8.65	142.68	46.52	82.48	0.00	2.03	108.05	112.37	-40.45	345.63	0.00	345.63	67.66	413.30	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 23/Jun/2017

Position as on 6.30 Hrs of 24/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.	
MSPGCL	Chandrapur Unit 3	210	05/06/2017	23.24		Continued.	AOH.	
MSPGCL	Khaparkheda 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.	
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	
CENT.SECTOR	TARAPUR 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
IPP	RPL(AMT) U-1	270	24/05/2017	03.27		Continued.	Flame Failure	
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 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	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 23/Jun/2017

Position as on 6.30 Hrs of 24/Jun/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							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	
MSPGCL	Nasik Unit 5	210	17/06/2017	15.35		Continued.	Zero schedule by MSEDCL	
TPC-G	Trombay 5	500	21/06/2017	20.33		Continued.	Boiler Tube Leakage	
CPP	SWPGL U-4	135	23/06/2017	12.01		Continued.	Coal Shortage	
MSPGCL	Bhusawal Unit 4	500	24/06/2017	00.38		Continued.	Hydrogen Gas Leakage.	
MSPGCL	Uran Unit B0	120	24/06/2017	00.52		Continued.	Gas shortage	
MSPGCL	Uran Unit 7	108	24/06/2017	01.02		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 24/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 I	InterState	22/06/2017	18.30		Continued.	T	Over Voltage
Parli(MS)-Parli (PG) I	InterState	23/06/2017	10.03	23/06/2017	16.32	PO	Testing Work
Ektuni-Bableswhar ckt II	IntraState	06/06/2017	20.53		Continued.	HT	to control load on padghe-bableswhar.
karad -kolhapur-II	IntraState	22/06/2017	17.13	23/06/2017	08.37	HT	Over Voltage
Koradi 2-IEPL	IntraState	22/06/2017	18.41	23/06/2017	21.24	PO	Dcr Relay Replacement work.
Khadka-Aurangabad (Waluj)	IntraState	22/06/2017	22.00	23/06/2017	07.13	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	23/06/2017	00.22	23/06/2017	10.39	HT	Over Voltage
Khadka- Deepnagar Ckt 2	IntraState	23/06/2017	09.16	23/06/2017	16.30	PO	Routine Maintenance Work
Kalwa - Kharghar	IntraState	23/06/2017	13.07	23/06/2017	14.33	T	TRIPPED ON PDR.
karad -kolhapur-I	IntraState	23/06/2017	17.07		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	23/06/2017	19.08	24/06/2017	06.41	HT	Over Voltage
Karad - Jaigad - II	IntraState	24/06/2017	03.05		Continued.	HT	Over Voltage
Girwali- Lonikand 2	IntraState	24/06/2017	12.39	24/06/2017	17.14	PO	Hardware Tightening work
Bhusawal-Aurangabad	IntraState	24/06/2017	19.11		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	24/06/2017	23.42		Continued.	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	24/06/2017	16.21	24/06/2017	16.40	EO	Heavy Spark on B Phase Isolator Main Bus(Taken on TBC)
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.
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
New Koyna - Pedambe	IntraState	14/06/2017	09.33	23/06/2017	15.43	T	Distance Protection
Pophali - Pedambe II	IntraState	17/06/2017	17.00		Continued.	PO	CT REPLACEMENT WORK
Malharpeth - Karad(400kv)	IntraState	20/06/2017	10.04	23/06/2017	00.44	PO	Breaker Replacement Work.
Anandnagar - Pal	IntraState	23/06/2017	07.40	24/06/2017	02.00	PO	CONSTRUCTION WORK.
Sonkhar - Trombay	IntraState	23/06/2017	07.50	23/06/2017	22.49	HT	CONTROL KHARGHAR-NERUL LOAD.
Pedambe-Pophali	IntraState	23/06/2017	08.30	23/06/2017	14.15	PO	BUS MAINTENANCE WORK.
Mahad - Pedambe	IntraState	23/06/2017	08.35	23/06/2017	16.15	PO	BUS MAINTENANCE WORK.
Pophali - Kdph	IntraState	23/06/2017	08.45		Continued.	T	Distance Protection
Kalwa - Taloja	IntraState	23/06/2017	20.54	24/06/2017	18.42	T	B-PHASE CT BURST AT TALOJA END.
Wani-Warora	IntraState	24/06/2017	08.52	24/06/2017	11.08	PO	Repl.of Insulator String
Bableswhar- Bableswhar-I	IntraState	24/06/2017	09.21	24/06/2017	15.40	PO	Routine Maintenance Work
Anandnagar - Pal	IntraState	24/06/2017	09.24	24/06/2017	17.30	PO	Erection of Tower
Deepnagar Amalner	IntraState	24/06/2017	09.30	24/06/2017	18.26	PO	Tan Delta Measurment of CTs
Oni Kharepatan Line	IntraState	24/06/2017	09.37	24/06/2017	14.52	PO	Routine Maintenance Work

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 23/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 24/Jun/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Sonkhar - Trombay	IntraState	24/06/2017	10.15		Continued.	HT	To control 220KV Nerul-Kharghar Line Loading
Telco- Chinchwad	IntraState	24/06/2017	10.53	24/06/2017	16.42	PO	Isolator Maint.work
Mahape - TIFIL	IntraState	24/06/2017	10.54	24/06/2017	13.55	PO	Removing Jumpers of Kharghar-Borivali Line
Kharepatan -Pawas Line	IntraState	24/06/2017	14.24		Continued.	T	Distance Protection
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)
220/33kV 100 MVA Transformer 3 @Versova R/S	IntraState	23/06/2017	09.32	23/06/2017	15.52	PO	DPR SCHEME WORK.
220/33kv 100 Mva Transformer 3 @Versova R/S	IntraState	24/06/2017	09.48	24/06/2017	21.49	PO	DPR Scheme work
132 KV LINE Outages/Trippings							
Parbhani-Gangakhed	IntraState	24/06/2017	00.10	24/06/2017	00.22	T	Distance Protection
Solapur II(Bale)-Naldurg	IntraState	24/06/2017	01.50	24/06/2017	07.12	HT	Sparking observed on Y Phase Line Isolator

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