

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 22/Jun/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.175	3110.462	1) Gujrat	-3.724	-60.001
2) Hydro	3.354	111.448	2) Madhya Pradesh	12.362	233.700
3) Gas	9.061	208.974	3) Chattisgarh	7.680	150.850
Total MSPGCL	142.590	3430.884	4) Maharashtra Net	99.440	2224.520
B) 1) APML	56.542	1089.097	5) Goa (Amona)	-0.396	-8.668
2) JSWEL	15.562	348.562	Total	115.362	2540.401
3) VIPL	5.087	131.423	a) Mumbai Schedule	30.530	615.367
4) RPL(AMT)	0.000	115.123	b) Mumbai Drawl	38.753	740.275
5) WPCL	4.738	85.494	c) MSEDCL Bilateral *	15.626	401.019
6) PGPL	0.000	0.000	Include PX	-1.190	20.054
7) Other IPP	2.751	68.607	d) Mumbai Bilateral *	28.399	613.109
C) 1) TPCL Thermal	5.796	300.780	Include PX	13.321	180.896
2) TPCL Hydro	6.457	86.680	Include Standby	2.131	2.259
3) TPCL Gas	4.236	97.259	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.629	218.604	1) MSEDCL	353.822	7639.666
D) STATE			2) Mumbai Discoms	66.872	1443.594
1) Thermal	232.280	5468.152	TOTAL STATE	420.694	9083.260
(A1+C1+C4+(B1-B6))					
2) Hydro	9.811	198.128			
(A2+C2)					
3) Gas	13.297	306.233			
(A3+B6+C3)					
4) Wind	47.775	536.594			
6) SOLAR	2.168	33.756			
TOTAL STATE	305.331	6542.863			

* 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	5402	5341	5376	5405
MSPGCL Hydro	451	187	116	60
MSPGCL Gas	370	350	348	406
MSPGCL Total Generation	6223	5878	5840	5871
Central Sector Receipt	5481	5436	4719	3922
WIND	1842	2280	2036	2008
CPP / IPP Thermal	3487	3490	3448	3477
CPP / IPP Gas	0	0	0	0
SOLAR	271	217	0	0
Exchange with Mumbai	-1993	-1919	-1589	-1341
MSEDCL DEMAND MET	15311	15382	14454	13937
Load Shedding	0	0	0	0
MSEDCL DEMAND	15311	15382	14454	13937
TPCL GENERATION	869	829	760	425
R-INFRA GENERATION	495	501	506	389
MUMBAI DEMAND	3357	3249	2855	2155
STATE DEMAND MET	18668	18631	17309	16092
STATE DEMAND	18668	18631	17309	16092
Frequency (Hz)	49.98	49.94	49.92	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.25 Hz at 19.03 Hrs	49.71 Hz at 20.42 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 22/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	10.62	150.68	463	400
Unit 9	11.05	201.44	466	457
Unit 10	11.00	189.06	460	446
Total	32.68	601.14		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	48.66	0	0
Unit 4	8.67	200.58	370	355
Unit 5	8.68	181.12	375	355
Total	17.35	430.36		
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	4.24	79.92	197	168
Unit 5	8.92	197.04	405	357
Unit 6	8.94	206.47	430	343
Unit 7	8.97	200.93	454	355
Unit 8	8.60	165.94	362	349
Unit 9	8.87	205.73	460	340
Total	48.55	1075.76		
Paras				
Unit 3	4.70	105.91	224	186
Unit 4	0.00	95.06	0	0
Total	4.70	200.97		
Khaparkheda				
Unit 1	2.98	73.00	140	100
Unit 2	0.00	49.37	0	0
Unit 3	3.49	71.26	159	130
Unit 4	3.46	70.08	155	139
Unit 5	8.85	213.21	390	360
Total	18.78	476.92		
Nasik				
Unit 3	4.00	21.90	195	160
Unit 4	4.12	92.08	200	158
Unit 5	0.00	69.70	0	0
Total	8.12	183.67		
Uran				
All Units	9.06	208.97	409	344
Total	9.06	208.97		
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)	0.19	1.36	24	0
Total	0.19	1.36		
Koyna				
Stage 1-2	1.06	47.18	55	40
Stage 4	0.00	5.69	0	0
Stage 3	0.08	13.84	62	0
Total	1.15	66.71		
Hydro				
KDPH	0.00	4.55	0	0
VTRNA	0.97	19.83	60	0
TILLARI	0.00	0.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	5.03	80	0
RNGR+BHTSA	0.24	4.05	11	8
BHANDARDRA	0.00	1.36	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.13	0.69	6	5
GHATGHAR	0.69	8.85	250	0
Total	2.20	44.74		
Wind				
Total	47.78	536.59	0	0
Total	47.78	536.59		
CPP				
APML(Mus)	56.54	1089.10	0	0
JSWEL(Mus)	15.56	348.56	0	0
VIPL(Mus)	5.09	131.42	0	0
RPLAMT(Mus)	0.00	115.12	0	0
WPCL(Mus)	4.74	85.49	0	0
Other(Mus)	2.75	68.61	0	0
Total	84.68	1838.31		
SOLAR				
Total	2.17	33.76	0	0
Total	2.17	33.76		
Tata				
Trombay 5	0.00	186.49	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.70	62.87	119	90
Trombay 7B	1.54	34.38	67	57
Trombay 8	5.80	114.29	244	239
TATA Hydro	6.46	86.68	449	6
Total	16.49	484.72		
R-INFRA				
DTPS U-1&2	11.63	218.60	509	389
Total	11.63	218.60		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	130.18	3110.46	MSPGCL Total	142.59	3430.88
			MSPGCL Thml+Gas	139.24	3319.44	Koyna 1,2 & 4 Total	1.06	52.86
			MSPGCL Hydro	3.35	111.45	State Total	305.33	6542.86

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	5499	54	409	5962	1962	3435	0	0	4549	4748	-1432	14675	0	14675	2591	17266	49.99
2	5468	55	407	5930	1944	3427	0	0	4610	4472	-1458	14315	0	14315	2452	16767	50.01
3	5449	55	397	5901	2080	3433	0	0	4058	4076	-1386	14104	0	14104	2282	16386	49.98
4	5418	60	405	5883	2129	3422	0	0	3994	4012	-1364	14082	0	14082	2184	16266	50.00
5	5405	60	406	5871	2008	3477	0	0	3948	3922	-1341	13937	0	13937	2155	16092	49.99
6	5453	55	407	5915	1830	3735	0	0	4530	4906	-1358	15028	0	15028	2184	17212	49.98
7	5621	60	406	6087	1597	3884	0	11	4873	5058	-1261	15376	0	15376	2235	17611	49.97
8	5700	66	405	6171	1622	3884	0	70	4988	5247	-1283	15711	0	15711	2362	18073	50.00
9	5619	115	402	6136	1932	3841	0	151	5084	4855	-1429	15486	0	15486	2672	18158	50.06
10	5409	120	362	5891	1766	3631	0	236	4986	5039	-1788	14775	0	14775	3117	17892	50.00
11	5491	288	362	6141	1872	3445	0	253	5283	5308	-1893	15126	0	15126	3260	18386	50.00
12	5402	451	370	6223	1842	3487	0	271	5544	5481	-1993	15311	0	15311	3357	18668	49.98
13	5326	284	346	5956	1838	3496	0	280	5433	5510	-1967	15113	0	15113	3326	18439	50.00
14	5338	251	344	5933	2066	3497	0	298	5387	5279	-1925	15148	0	15148	3257	18405	49.96
15	5341	187	350	5878	2280	3490	0	217	5430	5436	-1919	15382	0	15382	3249	18631	49.94
16	5369	126	358	5853	2234	3483	0	189	5431	5528	-1817	15470	0	15470	3152	18622	49.99
17	5368	188	357	5913	2410	3448	0	115	4852	4905	-1812	14979	0	14979	3133	18112	49.99
18	5342	138	372	5852	2133	3426	0	62	4629	4655	-1750	14378	0	14378	3069	17447	50.01
19	5354	126	360	5840	2125	3425	0	15	4348	4063	-1687	13781	0	13781	2976	16757	50.04
20	5367	121	369	5857	2179	3433	0	0	4663	4424	-1663	14230	0	14230	2902	17132	49.96
21	5376	116	348	5840	2036	3448	0	0	4862	4719	-1589	14454	0	14454	2855	17309	49.92
22	5359	126	373	5858	2041	3483	0	0	4774	4590	-1571	14401	0	14401	2730	17131	49.97
23	5359	131	373	5863	2085	3486	0	0	4810	4563	-1542	14455	0	14455	2691	17146	49.96
24	5342	121	373	5836	1764	3464	0	0	5215	4566	-1525	14105	0	14105	2680	16785	49.97
MUs	130.17	3.35	9.06	142.59	47.77	84.68	0.00	2.17	116.28	115.36	-38.75	353.82	0.00	353.82	66.87	420.69	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 22/Jun/2017

Position as on 6.30 Hrs of 23/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	Khaparkhedda 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 22/Jun/2017

Position as on 6.30 Hrs of 23/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	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 23/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	21/06/2017	18.33	22/06/2017	06.54	HT	Over Voltage
Akola Aurangabad(PG) II	InterState	22/06/2017	16.45	22/06/2017	17.54	T	tie breaker tripped while a/r operated successfully.
Dhule Sar'Sarovar I	InterState	22/06/2017	18.30		Continued.	T	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	06/06/2017	20.53		Continued.	HT	to control load on padghe-bableshwar.
Karad - Jaigad - II	IntraState	19/06/2017	21.26	22/06/2017	09.47	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	21/06/2017	18.29	22/06/2017	06.37	HT	Over Voltage
Ektuni - Taptitanda Ckt I	IntraState	21/06/2017	21.00	22/06/2017	16.24	T	Sparking on Wave Trap
Koradi-Bhusawal	IntraState	22/06/2017	09.38	22/06/2017	10.27	HT	emergency ht by ambazari.
Akola II - RPL(Rattanindia) Ckt-II	IntraState	22/06/2017	11.41	22/06/2017	15.36	EO	emergency outage via tie bay.
karad - kolhapur-II	IntraState	22/06/2017	17.13		Continued.	HT	Over Voltage
Koradi 2-IEPL	IntraState	22/06/2017	18.41		Continued.	PO	Dcr Relay Replacement work.
Ektuni - Taptitanda Ckt I	IntraState	22/06/2017	21.00	22/06/2017	15.50	HT	tie breaker hand trip.
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		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	22/06/2017	05.54	22/06/2017	08.01	PO	Quarterly Maintainance Work
400/220/33 Kv 315 Mva Ict 1 @Dhule	IntraState	22/06/2017	17.49	22/06/2017	19.37	EO	Tightening of loose jumpers
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 Koyana - Pedambe	IntraState	14/06/2017	09.33		Continued.	T	Distance Protection
Nanded-Ghatodi	IntraState	16/06/2017	12.38	22/06/2017	14.45	T	h/t due to overloading of 220kv pusad-veotmal ckt.
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.
Khadka-Chalisgaon-2	IntraState	21/06/2017	19.51	22/06/2017	01.06	PO	attending heavy sparking on b-ph. jumper at loc.
Mumewadi -Halkarni I	IntraState	22/06/2017	09.12	22/06/2017	18.19	PO	Line Maintenance work
Lonand-Baramati	IntraState	22/06/2017	09.15	22/06/2017	13.33	EO	Attending Hot Spot
Sonkhar - Trombay	IntraState	22/06/2017	09.36	22/06/2017	22.20	HT	to control load of nerul-khargar.
Hingoli- Girawali	IntraState	22/06/2017	09.36	22/06/2017	13.41	PO	replacement of high lcm value rph la.
Babhaleshwar-Nagar-I	IntraState	22/06/2017	09.49	22/06/2017	14.45	T	Distance Protection
Chinchwad-Hinjewadi I	IntraState	22/06/2017	10.25	22/06/2017	17.10	HT	load management.
Bhosari 2 - Telco	IntraState	22/06/2017	11.01	22/06/2017	17.15	PO	Half yearly maintenance work
Bableshwar -Bhenda	IntraState	22/06/2017	11.42	22/06/2017	16.39	PO	pressure monitor device fixing.

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 22/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 23/Jun/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kalwa - Siemens	IntraState	22/06/2017	12.43	22/06/2017	14.23	PO	safety purpose to work on ctt tower.
Lonikand (400 Kv)-Theur I	IntraState	22/06/2017	19.46	22/06/2017	19.48	T	Tripped on PDR
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 200 Mva Cgl Ict 3 @Babhleshwar	IntraState	22/06/2017	09.20	22/06/2017	11.55	PO	Quarterly Maintainance Work
220/132 KV 100MVA ICT-I @ Bhokar	IntraState	22/06/2017	10.45	22/06/2017	15.00	PO	Attending Oil Leakage