

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Jun/2019 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	150.116	4152.812	1) Gujrat	-4.692	-89.881
2) Hydro	2.158	97.975	2) Madhya Pradesh	4.458	158.654
3) Gas	6.643	168.600	3) Chattisgarh	2.570	91.630
Total MSPGCL	158.917	4419.387	4) Maharashtra	119.026	3140.718
B) 1) APML	41.890	1769.458	5) Goa (Amona)	-0.330	-10.384
2) JSWEL	23.712	648.812	Total	121.032	3290.737
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.346	783.680
4) RPL(AMT)	22.902	533.945	b) Mumbai Drawl	37.333	968.721
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	16.955	310.971
6) Other IPP	6.631	187.972	Include PX	4.362	-91.182
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.346	783.680
C) 1) TPCL Thermal	12.134	363.086	Include PX	7.734	307.681
2) TPCL Hydro	4.296	101.688	Standby	0.000	0.000
3) TPCL Gas	4.368	111.579	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.989	263.289	1) MSEDCL	381.509	10884.508
D) STATE			2) Mumbai Discoms	67.120	1808.364
1) Thermal	266.374	7919.374	TOTAL STATE	448.629	12692.872
(A1+C1+C4+(B1-B6))					
2) Hydro	6.454	199.663			
(A2+C2)					
3) Gas	11.011	280.179			
(A3+B7+C3)					
4) Wind	38.275	840.851			
6) SOLAR	5.483	162.067			
TOTAL STATE	327.597	9402.134			

* 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 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6292	6095	6526	6181
MSPGCL Hydro	85	118	138	40
MSPGCL Gas	270	260	276	280
MSPGCL Total Generation	6647	6474	6940	6501
Central Sector Receipt	5719	5614	4715	4657
WIND	1573	2139	2074	787
CPP / IPP Thermal	3964	3710	4104	4018
CPP / IPP Gas	0	0	0	0
SOLAR	693	636	0	0
Exchange with Mumbai	-2017	-1794	-1548	-1096
MSEDCL DEMAND MET	16579	16778	16286	14867
Load Shedding	0	0	0	0
MSEDCL DEMAND	16579	16778	16286	14867
TPCL GENERATION	931	1090	1019	686
AEML GENERATION	374	373	376	374
MUMBAI DEMAND	3322	3257	2943	2156
STATE DEMAND MET	19901	20036	19228	17023
STATE DEMAND	19901	20036	19228	17023
Frequency (Hz)	50.02	49.97	49.98	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 13.04 Hrs	49.81 Hz at 09.58 Hrs	50.02	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 27/Jun/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.32	91.56	155	125
Unit 7	3.23	71.87	152	121
Unit 8	0.00	207.25	0	0
Unit 9	9.52	244.37	460	349
Unit 10	8.65	243.73	420	325
Total	24.72	858.78		
Bhusawal				
Unit 3	3.94	33.04	165	160
Unit 4	9.34	268.95	500	360
Unit 5	9.20	215.57	485	355
Total	22.47	517.56		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	11.63	0	0
Unit 8	0.00	11.77	0	0
Total	0.00	23.39		
Chandrapur				
Unit 3	4.01	115.40	180	162
Unit 4	3.98	95.99	175	161
Unit 5	9.08	254.57	420	361
Unit 6	9.20	263.82	460	350
Unit 7	9.26	185.76	430	358
Unit 8	10.19	287.48	480	360
Unit 9	10.05	281.72	464	360
Total	55.76	1484.74		
Paras				
Unit 3	5.61	152.71	256	197
Unit 4	5.65	149.71	258	190
Total	11.26	302.41		
Khaparkheda				
Unit 1	2.82	79.27	140	85
Unit 2	3.54	78.06	160	135
Unit 3	3.88	95.92	170	157
Unit 4	3.94	97.60	175	146
Unit 5	10.02	286.94	450	82
Total	24.22	637.79		
Nasik				
Unit 3	3.87	110.71	180	155
Unit 4	3.97	111.75	198	158
Unit 5	3.85	105.67	164	155
Total	11.69	328.13		
Uran				
All Units	6.64	168.60	313	258
Total	6.64	168.60		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.00	0.01	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.01		
Koyna				
Stage 1-2	1.00	36.66	110	30
Stage 4	0.00	0.56	0	0
Stage 3	0.69	10.04	206	0
Total	1.70	47.26		
Hydro				
KDPH	0.19	8.35	8	8
VTRNA	0.00	17.02	0	0
TILLARI	0.00	0.97	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	5.91	40	0
RNGR+BHTSA	0.00	1.71	0	0
BHANDARDRA	0.00	1.48	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.04	2.12	2	1
GHATGHAR	0.00	13.16	0	0
Total	0.46	50.72		
Wind				
Total	38.28	840.85	0	0
Total	38.28	840.85		
CPP				
APML(Mus)	41.89	1769.46	0	0
JSWEL(Mus)	23.71	648.81	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	22.90	533.94	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	6.63	187.97	0	0
Total	95.14	3140.19		
SOLAR				
Total	5.48	162.07	0	0
Total	5.48	162.07		
Tata				
Trombay 5	7.36	229.54	316	304
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	70.30	117	115
Trombay 7B	1.59	41.28	67	65
Trombay 8	4.77	133.55	200	197
TATA Hydro	4.30	101.69	435	0
Total	20.80	576.35		
AEML				
DTPS U-1&2	8.99	263.29	376	373
Total	8.99	263.29		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	150.12	4152.81	MSPGCL Total	158.92	4419.39
			MSPGCL Thml+Gas	156.76	4321.41	Koyna 1,2 & 4 Total	1.00	37.21
			MSPGCL Hydro	2.16	97.98	State Total	327.60	9402.13

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/Jun/2019

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	6361	40	278	6679	1596	4134	0	0	5048	4857	-1550	15716	0	15716	2659	18375	50.03
2	6113	45	280	6438	1429	4073	0	0	4606	4794	-1386	15348	0	15348	2455	17803	50.04
3	6089	55	281	6425	1242	4065	0	0	4526	4622	-1233	15121	0	15121	2304	17425	50.04
4	6085	50	282	6417	852	4065	0	0	4480	4827	-1131	15030	0	15030	2191	17221	50.05
5	6181	40	280	6501	787	4018	0	0	4486	4657	-1096	14867	0	14867	2156	17023	50.03
6	6583	40	291	6914	777	4013	0	0	4834	4948	-1120	15532	0	15532	2181	17713	50.02
7	6775	40	282	7097	868	4060	0	36	5428	5295	-1171	16185	0	16185	2231	18416	50.02
8	6376	50	280	6706	616	3972	0	204	5329	5659	-1302	15855	0	15855	2362	18217	50.03
9	6418	40	278	6736	906	4040	0	409	5208	5593	-1606	16078	0	16078	2667	18745	50.05
10	6654	90	266	7010	1217	4062	0	603	5379	5309	-1875	16326	0	16326	3013	19339	50.04
11	6491	85	273	6849	1489	4029	0	664	5481	5485	-2047	16469	0	16469	3246	19715	50.01
12	6292	85	270	6647	1573	3964	0	693	5631	5719	-2017	16579	0	16579	3322	19901	50.02
13	6239	79	258	6576	1819	3957	0	662	5511	5393	-1881	16526	0	16526	3268	19794	50.02
14	6010	64	271	6344	1786	3785	0	692	5244	5436	-1832	16212	0	16212	3189	19400	50.02
15	6095	118	260	6474	2139	3710	0	636	5378	5614	-1794	16778	0	16778	3257	20036	49.97
16	6109	44	274	6426	2160	3711	0	469	5491	5312	-1762	16316	0	16316	3257	19574	50.00
17	6013	38	274	6326	2381	3721	0	258	5119	5026	-1712	16000	0	16000	3208	19208	50.01
18	5979	74	277	6330	2534	3728	0	138	4827	4927	-1741	15916	0	15916	3141	19056	50.03
19	6184	88	265	6538	2283	3763	0	19	4678	4561	-1659	15504	0	15504	3026	18530	50.01
20	6526	138	276	6940	2074	4104	0	0	4748	4715	-1548	16286	0	16286	2943	19228	49.98
21	6557	224	278	7058	1804	4204	0	0	4769	4464	-1504	16026	0	16026	2858	18884	50.03
22	6131	244	279	6654	2025	4099	0	0	4526	4525	-1422	15882	0	15882	2758	18640	50.01
23	6071	244	277	6592	1962	3960	0	0	4622	4599	-1469	15644	0	15644	2725	18370	49.94
24	5784	142	313	6238	1956	3898	0	0	4651	4695	-1475	15312	0	15312	2703	18016	49.98
MUs	150.12	2.16	6.64	158.92	38.27	95.14	0.00	5.48	120.00	121.03	-37.33	381.51	0.00	381.51	67.12	448.63	50.02

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 27/Jun/2019

Position as on 6.30 Hrs of 28/Jun/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit B0	120	08/09/2018	12.19	28/06/2019	05.55	T/F Shifting Work.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.(water shortage from 25/06/2019)	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Parli Unit 8	250	04/06/2019	00.00		Continued.	Zero Schedule (converted to AOH from 25/06/2019)	
MSPGCL	Koyana Unit 5	80	17/06/2019	08.20		Continued.	needle stuck up problem.	
MSPGCL	Koyana Unit 6	80	17/06/2019	08.40		Continued.	needle stuck up problem.	
IPP	Adani U-4	660	19/06/2019	16.09		Continued.	MS Drain Bonnet Leakage.	
IPP	Adani U-3	660	24/06/2019	09.27		Continued.	MS Drain Bonnet leakage.	
MSPGCL	Parli Unit 7	250	25/06/2019	09.45		Continued.	Water Shortage	
MSPGCL	Uran Unit 8	108	26/06/2019	01.41	27/06/2019	23.03	Maintenance for BO	
MSPGCL	Koradi Unit-8	660	26/06/2019	11.49		Continued.	Boiler validity Extn. Work.	
MSPGCL	Khaparkheda Unit 5	500	27/06/2019	23.17		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 8	108	28/06/2019	00.15	28/06/2019	01.30	Boiler Protection	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Jun/2019

Statement-VII

Position as on 6.30 Hrs of 28/Jun/2019

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	24/06/2019	16.33	27/06/2019	10.08	HT	Over Voltage
Alkud-Solapur(PG)	InterState	27/06/2019	13.06	27/06/2019	22.22	EO	CVT Replacement at solapur PG end
Dhule Sar'Sarovar II	InterState	27/06/2019	19.16		Continued.	HT	Over Voltage
Alkud-Kolhapur(Talandage)	IntraState	26/06/2019	13.08	27/06/2019	00:28	T	Distance Protection, KH End- Z1, Y-E, 5KA, 34KM. Alk End- Z1, Y-E, 3.87KA, 16.34KM (Y Ph Insulator Decapping At LOC No.444)
Khadka-Aurangabad (Waluj)	IntraState	26/06/2019	18.45	27/06/2019	16.26	HT	Over Voltage
Girwali- Lonikand 2	IntraState	27/06/2019	09.47	27/06/2019	19.44	PO	Line Maintenance work
Koradi-Bhusawal	IntraState	27/06/2019	10.58	27/06/2019	17.38	T	Tripped while shifting from TBC to own CB
Babhaleshwar - Padghe-I	IntraState	27/06/2019	16.34		Continued.	HT	Safety purpose Decapping found at Loc.No.835
Khadka-Aurangabad (Waluj)	IntraState	28/06/2019	00.53		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 Are Damaged.
400/220/33 Kv 315 MVA ICT II @Chandrapur GCR	IntraState	24/06/2019	14.14		Continued.	PO	Oil Filtration Work from High PPM.
400/220/33 Kv 315 MVA ICT II @Babhleshwar	IntraState	26/06/2019	19.13	27/06/2019	17.53	HT	Safety Purpose.
500 MVA ICT I @ Kudus	IntraState	27/06/2019	13.19	27/06/2019	17.05	PO	Testing Work
400/220 Kv 500 MVA ICT-IV @Kalwa	IntraState	28/06/2019	01.01	28/06/2019	04.35	T	Oil surge Relay
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.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Balapur-Akola I	IntraState	20/06/2019	12.15		Continued.	PO	New Tower Erection Work And Stringing Work At Railway Crossing.
Balapur-Akola li	IntraState	20/06/2019	12.15		Continued.	PO	New Tower Erection Work And Stringing Work At Railway Crossing.
Goregaon Versova Line 2	IntraState	27/06/2019	00.21	27/06/2019	07.20	PO	Erection of Monopole work
Theur- Magar Patta City	IntraState	27/06/2019	08.11	27/06/2019	22.02	PO	Line Work
Ghatghar - Bapgaon	IntraState	27/06/2019	09.42	27/06/2019	18.39	PO	Insulator Replacement Work
GIS KONDHWA NANDED CITY	IntraState	27/06/2019	09.51	27/06/2019	13.52	PO	Line Maintenance work
Chinchwad2 - TELCO	IntraState	27/06/2019	10.17	27/06/2019	17.46	PO	Line Maintenance work
Eklahare (Gcr)(Nashik)- Ghatghar	IntraState	27/06/2019	10.35	27/06/2019	19.12	PO	Insulator Replacement Work
Hingoli- Girawali	IntraState	27/06/2019	10.50	27/06/2019	18.01	PO	Line Maintenance work
Washala - Ghatghar	IntraState	27/06/2019	20.30	27/06/2019	21.17	T	Distance Protection Zone 1
Ekalahara(Ocr)(Nashik)-Navasari II	IntraState	28/06/2019	02.58		Continued.	T	Distance protection Zone 1
220 KV ICT Outages/Trippings							
220/132kv 100MVA ICT-II @ Alephata	IntraState	27/06/2019	19.32	27/06/2019	22.30	PO	Testing Work
132 KV LINE Outages/Trippings							
Amalner - Nardhana	IntraState	23/06/2019	20.02		Continued.	T	DISTANCE PROTECTION NRD--

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 27/Jun/2019

Statement-VII

Position as on 6.30 Hrs of 28/Jun/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							> Y, PHASE, IY=8.33KA, IB=8.309KA, 45.86KM 5 NO TOWERS COLLAPSED TOWER NO 9 TO 13 FROM AMALNER