

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Jul/2019 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.584	470.062	1) Gujrat	-4.634	-19.136
2) Hydro	4.050	14.073	2) Madhya Pradesh	7.018	25.439
3) Gas	8.676	27.950	3) Chattisgarh	3.830	16.690
Total MSPGCL	129.310	512.085	4) Maharashtra	89.977	370.479
B) 1) APLM	54.097	215.230	5) Goa (Amona)	-0.330	-2.288
2) JSWEL	21.246	81.566	Total	95.861	391.184
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.079	81.196
4) RPL(AMT)	0.000	3.657	b) Mumbai Drawl	27.524	102.735
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	0.973	8.288
6) Other IPP	2.631	10.227	Include PX	-12.041	-43.164
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.079	81.196
C) 1) TPCL Thermal	13.046	51.157	Include PX	7.577	31.372
2) TPCL Hydro	4.688	17.629	Standby	0.000	0.000
3) TPCL Gas	4.151	15.101	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.831	37.960	1) MSEDCL	333.566	1312.020
D) STATE			2) Mumbai Discoms	59.240	224.580
1) Thermal	217.435	869.859	TOTAL STATE	392.806	1536.600
(A1+C1+C4+(B1-B6))					
2) Hydro	8.738	31.702			
(A2+C2)					
3) Gas	12.827	43.051			
(A3+B7+C3)					
4) Wind	53.553	184.326			
6) SOLAR	4.392	16.480			
TOTAL STATE	296.945	1145.418			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4856	4762	4721	4905
MSPGCL Hydro	35	130	537	95
MSPGCL Gas	365	350	358	331
MSPGCL Total Generation	5256	5242	5616	5331
Central Sector Receipt	5004	4354	4779	2529
WIND	2300	2698	2278	1732
CPP / IPP Thermal	3304	2761	3557	3449
CPP / IPP Gas	0	0	0	0
SOLAR	468	552	0	0
Exchange with Mumbai	-1419	-1549	-1199	-713
MSEDCL DEMAND MET	14913	14058	15031	12328
Load Shedding	7	19	9	0
MSEDCL DEMAND	14920	14077	15040	12328
TPCL GENERATION	1048	1007	1080	668
AEML GENERATION	374	376	426	373
MUMBAI DEMAND	2841	2932	2705	1754
STATE DEMAND MET	17754	16990	17736	14082
STATE DEMAND	17761	17009	17745	14082
Frequency (Hz)	50.04	50.08	49.89	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 12:02 Hrs	49.64 Hz at 00:06 Hrs	50	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 04/Jul/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.20	8.64	155	115
Unit 7	2.33	9.94	125	66
Unit 8	9.88	30.05	460	350
Unit 9	9.85	27.26	460	350
Unit 10	0.00	0.00	0	0
Total	25.26	75.90		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.22	38.94	500	360
Unit 5	10.06	38.64	500	360
Total	20.28	77.57		
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	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	0.62	6.67	92	0
Unit 4	3.19	14.65	157	107
Unit 5	7.69	32.43	346	290
Unit 6	7.20	30.96	368	225
Unit 7	7.29	31.06	358	253
Unit 8	8.20	35.60	440	250
Unit 9	5.56	32.67	365	0
Total	39.76	184.05		
Paras				
Unit 3	4.95	20.20	250	145
Unit 4	4.45	17.73	230	100
Total	9.39	37.93		
Khaparkheda				
Unit 1	3.22	12.08	160	115
Unit 2	1.12	4.44	120	0
Unit 3	3.58	14.44	180	112
Unit 4	3.54	13.94	170	130
Unit 5	0.00	3.85	0	0
Total	11.47	48.76		
Nasik				
Unit 3	3.91	15.86	177	157
Unit 4	4.11	16.27	191	154
Unit 5	2.40	13.74	163	0
Total	10.42	45.86		
Uran				
All Units	8.68	27.95	380	331
Total	8.68	27.95		
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	0.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.00		
Koyna				
Stage 1-2	1.69	5.26	230	35
Stage 4	0.13	0.13	134	0
Stage 3	0.93	3.16	160	0
Total	2.75	8.55		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.24	0	0
TILLARI	0.36	0.90	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.36	1.57	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.05	0.05	30	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.00	0	0
GHATGHAR	0.52	2.76	148	0
Total	1.30	5.52		
Wind				
Total	53.55	184.33	0	0
Total	53.55	184.33		
CPP				
APML(Mus)	54.10	215.23	0	0
JSWEL(Mus)	21.25	81.57	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	3.66	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.63	10.23	0	0
Total	77.97	310.68		
SOLAR				
Total	4.39	16.48	0	0
Total	4.39	16.48		
Tata				
Trombay 5	8.15	32.04	468	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.62	9.32	116	91
Trombay 7B	1.54	5.78	67	58
Trombay 8	4.89	19.11	224	198
TATA Hydro	4.69	17.63	416	0
Total	21.88	83.89		
AEML				
DTPS U-1&2	9.83	37.96	502	373
Total	9.83	37.96		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	116.58	470.06	MSPGCL Total	129.31	512.08
			MSPGCL Thml+Gas	125.26	498.01	Koyna 1,2 & 4 Total	1.82	5.39
			MSPGCL Hydro	4.05	14.07	State Total	296.94	1145.42

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/Jul/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	5136	35	366	5537	2000	3290	0	0	2947	3009	-960	12876	0	12876	2066	14942	49.83
2	4679	195	331	5205	1784	3170	0	0	2912	3368	-845	12682	0	12682	1910	14592	49.98
3	4771	209	331	5311	1669	3275	0	0	2681	3307	-746	12816	0	12816	1797	14613	49.94
4	4905	95	331	5331	1732	3449	0	0	2861	2529	-713	12328	0	12328	1754	14082	49.99
5	4973	35	371	5379	1848	3502	0	0	3068	2915	-701	12943	0	12943	1739	14682	49.95
6	4940	40	368	5348	2005	3511	0	1	3886	3937	-785	14017	0	14017	1842	15859	49.96
7	5177	110	370	5657	1999	3576	0	32	4525	4452	-784	14932	0	14932	2012	16944	49.96
8	5179	55	360	5594	2032	3548	0	143	4654	4760	-931	15146	0	15146	2210	17356	50.05
9	5081	45	380	5506	2226	3443	0	313	4816	4709	-1226	14971	0	14971	2529	17500	50.05
10	4856	35	365	5256	2300	3304	0	468	4777	5004	-1419	14913	7	14920	2841	17761	50.04
11	4764	75	360	5199	2386	3050	0	534	4840	4822	-1568	14423	16	14439	3006	17445	50.01
12	4767	80	359	5206	2643	3026	0	548	4712	4663	-1584	14502	20	14522	2988	17510	50.07
13	4762	130	350	5242	2698	2761	0	552	4332	4354	-1549	14058	19	14077	2932	17009	50.08
14	4862	170	362	5394	2657	2744	0	529	4038	3695	-1430	13589	14	13603	2854	16457	50.07
15	4954	140	350	5444	2992	2725	0	482	3655	3612	-1474	13781	21	13802	2918	16720	50.08
16	4798	135	357	5290	2701	2734	0	359	3908	3860	-1480	13464	22	13486	2918	16404	50.02
17	4659	264	374	5297	2698	2711	0	262	3593	4009	-1399	13578	14	13592	2865	16457	49.96
18	4607	235	370	5212	2776	2703	0	143	4216	4289	-1388	13735	14	13749	2832	16581	50.03
19	4560	255	377	5192	2488	2974	0	26	4434	4687	-1335	14032	7	14039	2721	16760	49.98
20	4721	537	358	5616	2278	3557	0	0	4402	4779	-1199	15031	9	15040	2705	17745	49.89
21	4912	304	370	5586	2057	3685	0	0	4223	4305	-1065	14568	9	14577	2619	17196	50.02
22	4875	326	369	5570	1867	3754	0	0	3825	3909	-1043	14057	9	14066	2499	16565	50.00
23	4915	320	378	5613	1726	3745	0	0	3557	3607	-1003	13688	9	13697	2396	16093	49.99
24	4731	225	369	5325	1991	3737	0	0	3216	3281	-897	13437	9	13446	2287	15733	50.02
MUs	116.58	4.05	8.68	129.31	53.55	77.97	0.00	4.39	94.08	95.86	-27.52	333.57	0.20	333.77	59.24	393.01	50.00

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 04/Jul/2019

Position as on 6.30 Hrs of 05/Jul/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	
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.	
MSPGCL	Parli Unit 7	250	25/06/2019	09.45		Continued.	Water Shortage	
MSPGCL	Bhusawal Unit 3	210	28/06/2019	18.35		Continued.	Zero schedule.	
IPP	RPL(AMT) U-2	270	29/06/2019	00.00		Continued.	Zero schedule.	
IPP	RPL(AMT) U-5	270	29/06/2019	03.00		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 10	660	30/06/2019	11.54		Continued.	Air heater problem	
IPP	RPL(AMT) U-1	270	30/06/2019	16.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-3	270	01/07/2019	00.00		Continued.	ZERO SCHEDULE.	
IPP	Dhariwal	300	01/07/2019	00.01		Continued.	NO SCHEDULE	
IPP	RPL(AMT) U-4	270	01/07/2019	17.45		Continued.	Zero schedule.	
MSPGCL	Khaparkheda Unit 2	210	01/07/2019	23.28	04/07/2019	12.42	BOILER VALIDITY EXTENSION WORK.	
MSPGCL	Khaparkheda Unit 5	500	02/07/2019	01.25		Continued.	Generator Elect. Fault	
MSPGCL	Chandrapur Unit 9	500	04/07/2019	00.54	04/07/2019	05.36	Furnace Pressure High	
MSPGCL	Chandrapur Unit 3	210	04/07/2019	06.48		Continued.	Boiler Tube Leakage	
MSPGCL	Nasik Unit 5	210	04/07/2019	15.27		Continued.	Zero Schedule.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Jul/2019

Statement-VII

Position as on 6.30 Hrs of 05/Jul/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	27/06/2019	19.16		Continued.	HT	Over Voltage
Chandrapur-II - Warora - I	InterState	01/07/2019	10.47		Continued.	EO	01/Jul/2019 RFC 18.35 Flashover string Replacement Work.
Lamboti - Solapur (PG)	InterState	04/07/2019	10.25	04/07/2019	16.19	PO	Faulty Insulator Replacement Work.
Khadka-Aurangabad (Waluj)	IntraState	29/06/2019	16.33		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt-II	IntraState	01/07/2019	21.50		Continued.	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	04/07/2019	03.29	04/07/2019	08.15	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 due to High PPM.
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.
Tillari Amona	InterState	04/07/2019	21.14		Continued.	T	Distance Protection
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Miraj-Ichalkaranji I	IntraState	24/06/2019	12:14		Continued.	T	Tower Collapse.
Chandrapur GCR - Warora - I	IntraState	24/06/2019	14.01		Continued.	HT	Outage on Chandrapur ICT 2.
Flagship-Chinchwad	IntraState	04/07/2019	09.35	04/07/2019	18.57	HT	Load Management to Avail Outage On Chinchwad Bus Section 1 & 2.
Chinchwad- Parvati	IntraState	04/07/2019	10.54	04/07/2019	18.51	HT	Load Management to Avail Outage On Chinchwad Bus Section 1 & 2.
Badnera-Akola I	IntraState	04/07/2019	11.17	04/07/2019	19.30	PO	Tower Erection Work.
Badnera-Akola li	IntraState	04/07/2019	11.18		Continued.	PO	Tower Erection Work.
Boisar Versova Line	IntraState	04/07/2019	13.29		Continued.	T	Distance Protection
Mahindra Vehicle-Bridgestone	IntraState	04/07/2019	14.35	04/07/2019	23.44	PO	Safety of Stringing of 132 KV M/C Line To Tapping Point.
Shivajinagar-Gangapur	IntraState	04/07/2019	15.34	04/07/2019	18.20	EO	Insulator Erection Work At Gangapur End.
Nerul-Trombay	IntraState	04/07/2019	19.13	04/07/2019	19.32	EO	HT Due Tree Fallen At LOC 723, 724.
220kv Halkarni- Tillary	IntraState	04/07/2019	21.14	04/07/2019	23.15	T	Distance Protection
220 KV ICT Outages/Trippings							
220/22kv 100MVA T/F-I @ Nalasopara	IntraState	30/06/2019	02.50		Continued.	T	Diff operated, bucholz tripped, CTR Operated.
220/132 Kv 200 Mva Bbl Ptr 4 @Phursungi	IntraState	04/07/2019	10.15	04/07/2019	14.35	PO	Attending DC Leakage In CTR System.
220/132 Kv 100mva Cgl Ptr No 6 @Chinchwad	IntraState	04/07/2019	10.53	04/07/2019	18.45	HT	Load Management to Avail Outage On Chinchwad Bus Section 1 & 2.
220/100 Kv 100mva Bharat Bijlee Ptr No 4 @Chinchwad	IntraState	04/07/2019	10.53	04/07/2019	18.40	HT	Load Management to Avail Outage On Chinchwad Bus Section 1 & 2.
220/132 Kv 200mva Cgl Ptr No 3 @Chinchwad	IntraState	04/07/2019	11.08	04/07/2019	18.08	HT	Load Management to Avail Outage On Chinchwad Bus Section 1 & 2.
220/100 Kv 200 Mva Vijai Ict 3 @Trombay	IntraState	04/07/2019	14.30	04/07/2019	17.18	EO	Attending Oil Leakage
220/132 KV 200 MVA ICT- I @	IntraState	04/07/2019	18.24	04/07/2019	20.15	PO	Oil Top Up 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 04/Jul/2019

Statement-VII

Position as on 6.30 Hrs of 05/Jul/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Nanded							
132 KV LINE Outages/Trippings							
Amalner - Nardhana	IntraState	23/06/2019	20.02		Continued.	T	DISTANCE PROTECTION NRD--> Y, PHASE, IY=8.33KA, IB=8.309KA, 45.86KM 5 NO TOWERS COLLAPSED TOWER NO 9 TO 13 FROM AMALNER