

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Jul/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	108.292	578.354	1) Gujrat	-3.206	-22.342
2) Hydro	3.118	17.191	2) Madhya Pradesh	8.786	34.225
3) Gas	8.723	36.673	3) Chattisgarh	4.310	21.000
Total MSPGCL	120.133	632.218	4) Maharashtra	82.260	452.739
B) 1) APLM	51.482	266.712	5) Goa (Amona)	-0.242	-2.530
2) JSWEL	20.100	101.666	Total	91.908	483.092
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.151	101.347
4) RPL(AMT)	0.000	3.657	b) Mumbai Drawl	28.350	131.085
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	2.472	10.760
6) Other IPP	2.598	12.825	Include PX	-10.486	-53.650
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.151	101.347
C) 1) TPCL Thermal	12.680	63.837	Include PX	8.108	39.480
2) TPCL Hydro	5.245	22.874	Standby	0.000	0.000
3) TPCL Gas	4.343	19.444	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.258	47.218	1) MSEDCL	326.413	1638.433
D) STATE			2) Mumbai Discoms	59.876	284.456
1) Thermal	204.410	1074.269	TOTAL STATE	386.289	1922.889
(A1+C1+C4+(B1-B6))					
2) Hydro	8.363	40.065			
(A2+C2)					
3) Gas	13.066	56.117			
(A3+B7+C3)					
4) Wind	64.741	249.067			
6) SOLAR	3.801	20.281			
TOTAL STATE	294.381	1439.799			

* 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	4610	4500	4499	4294
MSPGCL Hydro	53	170	201	35
MSPGCL Gas	361	379	368	362
MSPGCL Total Generation	5024	5049	5068	4691
Central Sector Receipt	4762	3274	4790	3517
WIND	3362	3143	2934	2169
CPP / IPP Thermal	3016	2717	3041	3161
CPP / IPP Gas	0	0	0	0
SOLAR	393	478	0	0
Exchange with Mumbai	-1463	-1570	-1278	-741
MSEDCL DEMAND MET	15094	13091	14555	12797
Load Shedding	0	0	0	0
MSEDCL DEMAND	15094	13091	14555	12797
TPCL GENERATION	1089	1071	1023	678
AEML GENERATION	375	375	375	372
MUMBAI DEMAND	2927	3016	2676	1791
STATE DEMAND MET	18021	16107	17231	14588
STATE DEMAND	18021	16107	17231	14588
Frequency (Hz)	49.95	50.04	50.06	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 13.02 Hrs	49.76 Hz at 03.56 Hrs	50.01	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 05/Jul/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.08	11.72	150	110
Unit 7	1.77	11.71	125	0
Unit 8	9.60	39.65	460	355
Unit 9	9.77	37.03	460	350
Unit 10	0.00	0.00	0	0
Total	24.21	100.11		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.18	48.12	500	360
Unit 5	9.10	47.73	465	355
Total	18.28	95.84		
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	0.00	6.67	0	0
Unit 4	3.52	18.17	162	122
Unit 5	7.16	39.59	320	271
Unit 6	5.79	36.75	287	200
Unit 7	7.47	38.53	343	283
Unit 8	6.36	41.96	300	241
Unit 9	6.56	39.23	380	245
Total	36.86	220.91		
Paras				
Unit 3	4.84	25.04	255	162
Unit 4	4.29	22.01	220	141
Total	9.13	47.06		
Khaparkheda				
Unit 1	3.21	15.30	145	120
Unit 2	2.18	6.62	120	65
Unit 3	3.47	17.91	150	130
Unit 4	3.16	17.10	145	120
Unit 5	0.00	3.85	0	0
Total	12.01	60.77		
Nasik				
Unit 3	3.88	19.73	165	157
Unit 4	3.92	20.19	169	152
Unit 5	0.00	13.74	0	0
Total	7.80	53.66		
Uran				
All Units	8.72	36.67	379	352
Total	8.72	36.67		
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	1.11	6.37	80	35
Stage 4	0.00	0.13	0	0
Stage 3	1.03	4.19	160	0
Total	2.14	10.69		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.24	0	0
TILLARI	0.00	0.90	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.37	1.94	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	0.05	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.00	0	0
GHATGHAR	0.61	3.37	125	0
Total	0.98	6.50		
Wind				
Total	64.74	249.07	0	0
Total	64.74	249.07		
CPP				
APML(Mus)	51.48	266.71	0	0
JSWEL(Mus)	20.10	101.67	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)	2.60	12.82	0	0
Total	74.18	384.86		
SOLAR				
Total	3.80	20.28	0	0
Total	3.80	20.28		
Tata				
Trombay 5	7.85	39.89	451	296
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	12.08	116	112
Trombay 7B	1.58	7.36	67	65
Trombay 8	4.83	23.94	218	197
TATA Hydro	5.24	22.87	401	0
Total	22.27	106.16		
AEML				
DTPS U-1&2	9.26	47.22	499	372
Total	9.26	47.22		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	108.29	578.35	MSPGCL Total	120.13	632.22
			MSPGCL Thml+Gas	117.02	615.03	Koyna 1,2 & 4 Total	1.11	6.50
			MSPGCL Hydro	3.12	17.19	State Total	294.38	1439.80

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/Jul/2019

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	4586	35	364	4985	2237	3668	0	0	3015	3108	-933	13065	0	13065	2119	15184	49.96
2	4495	40	364	4899	2646	3573	0	0	2630	2687	-891	12914	0	12914	1956	14870	50.04
3	4352	40	364	4756	2462	3442	0	0	2595	3020	-793	12887	0	12887	1855	14742	50.02
4	4294	35	362	4691	2169	3161	0	0	3300	3517	-741	12797	0	12797	1791	14588	49.99
5	4271	80	361	4712	2101	3121	0	0	3508	3902	-740	13096	0	13096	1793	14889	49.93
6	4461	35	352	4848	2180	3238	0	0	4442	4776	-777	14265	0	14265	1908	16173	49.98
7	4616	160	373	5149	1988	3442	0	40	4990	4909	-671	14857	0	14857	2068	16925	49.97
8	4757	54	362	5173	2204	3488	0	130	5128	5330	-884	15441	0	15441	2265	17706	50.02
9	4694	45	353	5092	2759	3422	0	321	5191	5046	-1242	15398	0	15398	2614	18012	50.05
10	4610	53	361	5024	3362	3016	0	393	4701	4762	-1463	15094	0	15094	2927	18021	49.95
11	4579	159	363	5101	2941	2832	0	439	4494	4221	-1660	13874	0	13874	3132	17006	50.05
12	4485	180	364	5029	2979	2715	0	538	4268	4020	-1705	13576	0	13576	3149	16725	50.05
13	4500	170	379	5049	3143	2717	0	478	3618	3274	-1570	13091	0	13091	3016	16107	50.04
14	4471	185	353	5009	2991	2718	0	462	2759	2873	-1384	12669	0	12669	2841	15510	50.05
15	4468	160	363	4991	3074	2754	0	409	2848	2854	-1392	12690	0	12690	2849	15539	49.92
16	4489	165	367	5021	2968	2734	0	280	3022	2998	-1422	12579	0	12579	2856	15435	50.00
17	4556	97	360	5013	3100	2754	0	204	3062	3050	-1435	12686	0	12686	2851	15537	49.96
18	4558	75	363	4996	3065	2745	0	93	3084	3475	-1362	13012	0	13012	2807	15819	50.00
19	4538	125	364	5027	2871	2811	0	14	3747	4349	-1308	13764	0	13764	2749	16513	50.03
20	4499	201	368	5068	2934	3041	0	0	4594	4790	-1278	14555	0	14555	2676	17231	50.06
21	4481	250	354	5085	2696	3075	0	0	4271	4429	-1250	14035	0	14035	2591	16626	50.01
22	4475	319	374	5168	2660	3203	0	0	3624	3926	-1157	13800	0	13800	2460	16260	50.01
23	4559	320	368	5247	2509	3279	0	0	3182	3446	-1177	13304	0	13304	2362	15666	50.02
24	4498	135	367	5000	2702	3231	0	0	2763	3146	-1115	12964	0	12964	2241	15205	50.04
MUs	108.29	3.12	8.72	120.13	64.74	74.18	0.00	3.80	88.84	91.91	-28.35	326.41	0.00	326.41	59.88	386.29	50.01

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 05/Jul/2019

Position as on 6.30 Hrs of 06/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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	Koyna 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 5	500	02/07/2019	01.25		Continued.	Generator Elect. Fault	
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.	
MSPGCL	Koradi Unit 7	210	05/07/2019	21.16		Continued.	Heavy steam leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 05/Jul/2019

Statement-VII

Position as on 6.30 Hrs of 06/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.
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
N.Koyna-Karad -Ckt I	IntraState	05/07/2019	09.53	05/07/2019	14.21	PO	Replacement of Flashover String Insulator
Girwali - Lonikand 1	IntraState	05/07/2019	10.40	05/07/2019	18.08	PO	Tan Delta Measurment of CTs
Padghe - Nagothane - II	IntraState	05/07/2019	14.25	05/07/2019	15.56	EO	CT Clamp replacement work
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.
400/220/33 Kv 600 MVA ICT 4 @Padghe	IntraState	05/07/2019	11.34	05/07/2019	20.24	PO	CB Overhauling work
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	05/07/2019	14.24	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.
Badnera-Akola li	IntraState	04/07/2019	11.18		Continued.	PO	Tower Erection Work.
Boisar Versova Line	IntraState	04/07/2019	13.29	05/07/2019	11.12	T	Distance Protection
220 KV VIRODA - AMALNER	IntraState	05/07/2019	01.50	05/07/2019	09.18	T	Distance Protection
Walchandnagar-Bhigwan	IntraState	05/07/2019	09.49	05/07/2019	11.36	T	Over Current Protection
Padghe - Jambhul 1	IntraState	05/07/2019	10.03	05/07/2019	21.43	PO	Isolator Maint.work
Butibori - VIPL Ckt I	IntraState	05/07/2019	10.10	05/07/2019	13.04	PO	work at VIPL end
Paras Ext. - Balapur	IntraState	05/07/2019	10.58	05/07/2019	15.45	PO	Line Maintenance work
Uran - Kharghar 2	IntraState	05/07/2019	11.31	05/07/2019	16.59	EO	To attend Hot Spot
Kharghar - Tss Panvel	IntraState	05/07/2019	12.42	05/07/2019	16.20	PO	To attend Hot Spot
Parli New Tps - Beed Ckt 1	IntraState	05/07/2019	14.02	05/07/2019	19.28	PO	Jumper Connection at Cut Point
Versova Gorai Line	IntraState	05/07/2019	17.57		Continued.	T	Distance Protection
Adlabs - Pedambe	IntraState	05/07/2019	19.24		Continued.	T	Distance Protection
Koyna (Pophali) - Kdph	IntraState	06/07/2019	01.55		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/22kV 100MVA T/F-I @ Nalasopara	IntraState	30/06/2019	02.50	05/07/2019	11.00	T	Diff operated, bucholz tripped, CTR Operated.
220/132 Kv 200 Mva Vijay Ict 1 @Chalisgaon	IntraState	05/07/2019	09.02	05/07/2019	10.02	EO	To attend Hot Spot
220/132 kv 200 Mva ICT-II @Boisar -li	IntraState	05/07/2019	09.10	05/07/2019	13.05	EO	To attend Hot Spot
220/100 Kv 100 Mva Vijai Ict 1 @Jambhul	IntraState	05/07/2019	10.55	05/07/2019	21.10	PO	Maintanance work
220/22kV 100MVA T/F-I @ Nalasopara	IntraState	05/07/2019	13.00	05/07/2019	13.55	HT	HT for Air Release

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 05/Jul/2019

Statement-VII

Position as on 6.30 Hrs of 06/Jul/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/33kV 125 MVA T/F-I @ Goregaon	IntraState	05/07/2019	15.46	05/07/2019	21.31	PO	To attend Chattering sound from LV Cable Chamber
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