

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Jul/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	101.682	1289.132	1) Gujrat	-1.493	-40.151
2) Hydro	8.962	57.815	2) Madhya Pradesh	14.300	114.919
3) Gas	9.163	92.640	3) Chattisgarh	5.560	55.600
Total MSPGCL	119.807	1439.587	4) Maharashtra	91.184	1127.847
B) 1) APLM	72.900	656.391	5) Goa (Amona)	-0.682	-6.358
2) JSWEL	23.003	241.508	Total	108.869	1251.857
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.489	264.809
4) RPL(AMT)	0.000	3.657	b) Mumbai Drawl	29.182	340.427
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	5.848	64.911
6) Other IPP	2.974	32.756	Include PX	-7.778	-86.385
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.489	264.809
C) 1) TPCL Thermal	13.395	153.844	Include PX	7.638	98.507
2) TPCL Hydro	6.052	49.649	Standby	0.000	0.000
3) TPCL Gas	4.278	44.051	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.768	114.115	1) MSEDCL	344.950	3980.748
D) STATE			2) Mumbai Discoms	62.675	702.087
1) Thermal	223.722	2491.403	TOTAL STATE	407.625	4682.835
(A1+C1+C4+(B1-B6))					
2) Hydro	15.014	107.464			
(A2+C2)					
3) Gas	13.441	136.691			
(A3+B7+C3)					
4) Wind	41.496	645.151			
6) SOLAR	5.083	50.268			
TOTAL STATE	298.756	3430.977			

* 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	4298	3881	4515	3938
MSPGCL Hydro	250	149	777	169
MSPGCL Gas	391	379	343	410
MSPGCL Total Generation	4939	4409	5635	4517
Central Sector Receipt	5153	5073	4943	3794
WIND	2272	1793	1581	1914
CPP / IPP Thermal	4226	4185	4199	3657
CPP / IPP Gas	0	0	0	0
SOLAR	514	678	0	0
Exchange with Mumbai	-1578	-1771	-1290	-692
MSEDCL DEMAND MET	15526	14367	15068	13190
Load Shedding	0	0	0	0
MSEDCL DEMAND	15526	14367	15068	13190
TPCL GENERATION	951	1013	1135	823
AEML GENERATION	373	371	403	372
MUMBAI DEMAND	2902	3155	2828	1887
STATE DEMAND MET	18428	17522	17896	15077
STATE DEMAND	18428	17522	17896	15077
Frequency (Hz)	49.97	49.98	49.87	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 13.02 Hrs	49.71 Hz at 21.10 Hrs	49.98	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 12/Jul/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	30.82	0	0
Unit 7	0.00	16.65	0	0
Unit 8	1.04	70.00	280	0
Unit 9	8.16	96.36	355	295
Unit 10	8.41	48.24	351	350
Total	17.61	262.06		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.44	115.08	500	360
Unit 5	8.55	109.32	485	0
Total	18.98	224.40		
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	1.63	14.80	122	0
Unit 4	2.67	37.71	119	100
Unit 5	6.48	80.94	295	255
Unit 6	6.39	76.08	290	195
Unit 7	6.51	83.04	300	255
Unit 8	6.31	84.37	325	233
Unit 9	8.26	86.07	400	300
Total	38.25	463.01		
Paras				
Unit 3	5.39	60.11	250	190
Unit 4	4.51	40.07	232	115
Total	9.90	100.19		
Khaparkheda				
Unit 1	3.52	38.18	160	110
Unit 2	2.92	24.05	130	110
Unit 3	0.00	36.58	0	0
Unit 4	4.10	41.72	185	160
Unit 5	0.00	3.85	0	0
Total	10.54	144.38		
Nasik				
Unit 3	0.32	31.01	126	0
Unit 4	4.26	48.54	203	155
Unit 5	1.81	15.55	159	0
Total	6.39	95.10		
Uran				
All Units	9.16	92.64	411	341
Total	9.16	92.64		
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	3.16	18.83	390	40
Stage 4	1.45	1.68	490	0
Stage 3	2.01	15.41	240	0
Total	6.63	35.92		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	1.16	0	0
TILLARI	0.96	5.00	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	5.03	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.17	2.27	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.21	1.06	9	8
GHATGHAR	0.60	7.38	125	0
Total	2.33	21.89		
Wind				
Total	41.50	645.15	0	0
Total	41.50	645.15		
CPP				
APML(Mus)	72.90	656.39	0	0
JSWEL(Mus)	23.00	241.51	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)	2.97	32.76	0	0
Total	98.88	934.31		
SOLAR				
Total	5.08	50.27	0	0
Total	5.08	50.27		
Tata				
Trombay 5	8.47	96.07	460	309
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.71	27.03	117	90
Trombay 7B	1.57	17.02	67	58
Trombay 8	4.92	57.78	226	196
TATA Hydro	6.05	49.65	403	111
Total	23.72	247.54		
AEML				
DTPS U-1&2	9.77	114.12	500	371
Total	9.77	114.12		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	101.68	1289.13	MSPGCL Total	119.81	1439.59
			MSPGCL Thml+Gas	110.84	1381.77	Koyna 1,2 & 4 Total	4.62	20.51
			MSPGCL Hydro	8.96	57.82	State Total	298.76	3430.98

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/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	4166	188	401	4755	1950	4313	0	0	3607	3523	-933	13608	0	13608	2147	15755	50.04
2	4033	188	407	4628	1989	4111	0	0	3461	3460	-784	13404	0	13404	2021	15425	50.01
3	3872	328	407	4607	1893	3669	0	0	3621	3876	-719	13326	0	13326	1931	15257	49.98
4	3938	169	410	4517	1914	3657	0	0	3887	3794	-692	13190	0	13190	1887	15077	50.03
5	3925	113	406	4444	1990	3649	0	0	4177	4071	-705	13449	0	13449	1881	15330	50.04
6	4113	143	402	4658	1947	3849	0	0	4423	4566	-675	14345	0	14345	1899	16244	49.94
7	4281	499	387	5167	1687	4343	0	34	4542	4471	-741	14961	0	14961	2206	17167	49.88
8	4308	568	388	5264	1872	4307	0	157	4805	4889	-813	15676	0	15676	2298	17974	49.97
9	4349	239	396	4984	2074	4231	0	330	4996	4911	-1305	15225	0	15225	2627	17852	49.99
10	4298	250	391	4939	2272	4226	0	514	4996	5153	-1578	15526	0	15526	2902	18428	49.97
11	3908	143	364	4415	1946	4208	0	519	5148	5394	-1719	14763	0	14763	3087	17850	50.03
12	3886	144	357	4387	1744	4176	0	601	5299	5304	-1801	14411	0	14411	3185	17596	50.00
13	3881	149	379	4409	1793	4185	0	678	5180	5073	-1771	14367	0	14367	3155	17522	49.98
14	4125	149	390	4664	1745	4203	0	657	4722	4657	-1755	14171	0	14171	3102	17273	50.05
15	4185	149	369	4703	1647	4109	0	554	4849	4756	-1696	14073	0	14073	3101	17174	50.03
16	4184	159	361	4704	1654	3877	0	511	5014	5231	-1700	14277	0	14277	3109	17386	50.01
17	4260	129	341	4730	1777	3964	0	324	5006	5001	-1669	14127	0	14127	3069	17196	49.96
18	4296	169	358	4823	1868	4069	0	166	5020	4621	-1593	13954	0	13954	2974	16928	49.99
19	4306	400	357	5063	1667	4009	0	38	4956	4927	-1522	14182	0	14182	2877	17059	50.01
20	4515	777	343	5635	1581	4199	0	0	4869	4943	-1290	15068	0	15068	2828	17896	49.87
21	4689	846	353	5888	1351	4325	0	0	4604	4475	-975	15064	0	15064	2723	17787	49.85
22	4780	977	396	6153	1224	4358	0	0	4206	4224	-945	15014	0	15014	2648	17662	49.88
23	4641	1087	389	6117	1081	4428	0	0	3815	3766	-918	14474	0	14474	2562	17036	49.91
24	4743	999	411	6153	830	4412	0	0	3504	3783	-883	14295	0	14295	2456	16751	50.00
MUs	101.68	8.96	9.16	119.81	41.50	98.88	0.00	5.08	108.71	108.87	-29.18	344.95	0.00	344.95	62.67	407.63	49.98

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 12/Jul/2019

Position as on 6.30 Hrs of 13/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	
MSPGCL	Parli Unit 8	250	04/06/2019	00.00		Continued.	Zero Schedule (converted to AOH from 25/06/2019)	
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 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.	
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	Nasik Unit 5	210	04/07/2019	15.27	12/07/2019	09.16	Zero Schedule.	
MSPGCL	Nasik Unit 3	210	08/07/2019	19.56	12/07/2019	20.00	Zero Schedule.	
MSPGCL	Koradi Unit-8	660	09/07/2019	10.28	12/07/2019	18.09	Flame Failure	
MSPGCL	Chandrapur Unit 3	210	10/07/2019	09.55	12/07/2019	07.35	LPT expansion	
MSPGCL	Khaparkheda Unit 3	210	11/07/2019	11.11		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 6	210	11/07/2019	23.34		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Koradi Unit 7	210	11/07/2019	23.45		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 5	500	12/07/2019	10.19	12/07/2019	13.08	Bus Bar Protection operated	
MSPGCL	Uran Unit B0	120	12/07/2019	15.16	12/07/2019	20.57	LP control Valve Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Jul/2019

Statement-VII

Position as on 6.30 Hrs of 13/Jul/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	12/07/2019	17.52	12/07/2019	22.36	PO	Oil Top up on Converter T/F
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
Khadka-Aurangabad (Waluj)	IntraState	29/06/2019	16.33		Continued.	HT	Over Voltage
Akola II - RPL(Rattaniindia) Ckt-II	IntraState	01/07/2019	21.50		Continued.	T	Over Voltage
karad -kolhapur-II	IntraState	11/07/2019	01.14		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	11/07/2019	18.31		Continued.	HT	Over Voltage
Main Bus - I @ Deepnagar	IntraState	12/07/2019	10.19	12/07/2019	12.04	T	LBB operated
Lonikand I - Koyna stage-IV	IntraState	13/07/2019	01.12	13/07/2019	06.19	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.
400/220kv 315 Mva ICT I @Karad	IntraState	08/07/2019	09.33		Continued.	PO	Replacement of Old Panel Replay Under Les.
400/220kv Spare Ict 1 105 Mva @Karad	IntraState	08/07/2019	09.33		Continued.	PO	Replacement of Old Panel Relay Under Les.
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)
Chandrapur GCR - Warora - I	IntraState	24/06/2019	14.01		Continued.	HT	Outage on Chandrapur ICT 2.
220 KV JALKOT - NANDED (KUMBHARGAON) CKT - 2	IntraState	09/07/2019	05.10		Continued.	T	Distance Protection
Temghar - Kalwa	IntraState	12/07/2019	07.10	12/07/2019	07.19	HT	To open Bus Section Isolator 3
Padgha-Temghar-II	IntraState	12/07/2019	07.15	12/07/2019	12.02	PO	Jumper work at Padgha end
Badnera-Akola I	IntraState	12/07/2019	09.06	12/07/2019	19.20	PO	Erection of Tower
Badnera-Akola li	IntraState	12/07/2019	09.06	12/07/2019	19.21	PO	Erection of Tower
Padghe - Wada	IntraState	12/07/2019	10.08	12/07/2019	17.56	PO	Repl.of Faulty Disc Insulator
ANANDNAGAR - PALAVA	IntraState	12/07/2019	10.10	12/07/2019	12.25	PO	SG6 Density Meter replacement work
Chandrapur GCR - Cpur Rly Tss 2	IntraState	12/07/2019	10.27	12/07/2019	13.40	PO	Relay Upgradation work
Taptitanda- Jalna ckt- I	IntraState	12/07/2019	10.32	12/07/2019	15.53	PO	Testing Work
Kalwa - Colourchem	IntraState	12/07/2019	12.17	12/07/2019	17.24	PO	Testing Work
Kalwa 52B Interconnector CB	IntraState	12/07/2019	13.06		Continued.	PO	To Reduce Fault Level
Chandrapur GCR - Cpurlytss1	IntraState	12/07/2019	14.15	12/07/2019	18.27	PO	Relay Upgradation work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-I @Borivali	IntraState	12/07/2019	09.34	12/07/2019	12.23	PO	Replacement of Old Relay Panel
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	12/07/2019	10.41	12/07/2019	17.23	PO	Replacement of Density Meter
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

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