

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	150.752	1719.296	1) Gujrat	2.685	5.925
2) Hydro	39.529	440.331	2) Madhya Pradesh	7.668	127.560
3) Gas	6.846	82.422	3) Chattisgarh	4.260	55.100
Total MSPGCL	197.127	2242.049	4) Maharashtra	108.249	1476.720
B) 1) APLM	72.587	848.521	5) Goa (Amona)	-0.396	-5.720
2) JSWEL	24.566	264.086	Total	122.466	1659.585
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.122	340.823
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.714	392.150
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	16.675	170.441
6) Other IPP	9.667	88.070	Include PX	-4.252	-54.674
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.122	340.823
C) 1) TPCL Thermal	12.944	155.064	Include PX	8.878	218.660
2) TPCL Hydro	2.003	43.718	Standby	0.000	0.000
3) TPCL Gas	4.359	51.476	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.303	112.448	1) MSEDCL	423.985	5095.897
D) STATE			2) Mumbai Discoms	55.323	754.849
1) Thermal	279.819	3187.485	TOTAL STATE	479.308	5850.746
(A1+C1+C4+(B1-B6))					
2) Hydro	41.532	484.049			
(A2+C2)					
3) Gas	11.205	133.898			
(A3+B7+C3)					
4) Wind	17.242	301.696			
6) SOLAR	7.044	84.040			
TOTAL STATE	356.842	4191.168			

* 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 16 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	6415	6482	6241	6227
MSPGCL Hydro	1952	1433	1901	858
MSPGCL Gas	280	280	285	290
MSPGCL Total Generation	8647	8195	8427	7375
Central Sector Receipt	4960	5720	4451	5361
WIND	252	457	944	930
CPP / IPP Thermal	4369	4668	4529	4495
CPP / IPP Gas	0	0	0	0
SOLAR	920	630	0	231
Exchange with Mumbai	-1133	-1238	-1271	-731
MSEDCL DEMAND MET	18015	18432	17080	17661
Load Shedding	0	0	0	0
MSEDCL DEMAND	18015	18432	17080	17661
TPCL GENERATION	806	804	849	885
AEML GENERATION	375	374	373	414
MUMBAI DEMAND	2314	2416	2493	2030
STATE DEMAND MET	20329	20848	19573	19691
STATE DEMAND	20329	20848	19573	19691
Frequency (Hz)	49.98	50.00	49.94	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 18.02 Hrs	49.79 Hz at 03.24 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 12/May/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.14	10.14	40	0
Unit 7	0.00	0.00	0	0
Unit 8	11.09	127.14	620	354
Unit 9	10.62	97.39	550	320
Unit 10	11.52	128.54	530	460
Total	33.38	363.20		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.25	95.82	175	0
Unit 5	10.90	118.82	500	355
Total	11.16	214.64		
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	4.56	38.63	195	165
Unit 4	4.17	49.51	178	160
Unit 5	9.62	50.13	420	370
Unit 6	10.36	121.22	451	360
Unit 7	9.40	114.94	433	324
Unit 8	11.19	126.73	490	408
Unit 9	10.98	114.02	475	400
Total	60.28	615.19		
Paras				
Unit 3	6.07	66.48	259	228
Unit 4	5.22	67.50	250	160
Total	11.30	133.98		
Khaparkheda				
Unit 1	3.00	28.64	150	95
Unit 2	3.50	42.14	155	130
Unit 3	4.03	45.81	175	140
Unit 4	4.02	46.07	173	145
Unit 5	11.52	130.42	500	460
Total	26.06	293.08		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.33	49.94	210	162
Unit 5	4.25	49.28	198	160
Total	8.58	99.22		
Uran				
All Units	6.85	82.42	301	268
Total	6.85	82.42		
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)	0.09	0.92	20	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.09	0.92		
Koyna				
Stage 1-2	8.76	85.67	530	40
Stage 4	21.04	242.21	1014	410
Stage 3	6.35	71.66	320	138
Total	36.14	399.54		
Hydro				
KDPH	0.66	8.52	28	27
VTRNA	0.86	9.68	61	0
TILLARI	0.36	5.11	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	2.23	40	0
RNGR+BHTSA	0.25	3.03	11	10
BHANDARDRA	0.23	2.26	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.90	4.27	38	37
GHATGHAR	0.00	5.70	0	0
Total	3.39	40.79		
Wind				
Total	17.24	301.70	0	0
Total	17.24	301.70		
CPP				
APML(Mus)	72.59	848.52	0	0
JSWEL(Mus)	24.57	264.09	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	9.67	88.07	0	0
Total	106.82	1200.68		
SOLAR				
Total	7.04	84.04	0	0
Total	7.04	84.04		
Tata				
Trombay 5	8.05	96.48	451	309
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	32.74	116	115
Trombay 7B	1.58	18.74	66	65
Trombay 8	4.89	58.59	231	198
TATA Hydro	2.00	43.72	156	0
Total	19.31	250.26		
AEML				
DTPS U-1&2	9.30	112.45	491	373
Total	9.30	112.45		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	150.75	1719.30	MSPGCL Total	197.13	2242.05
			MSPGCL Thml+Gas	157.60	1801.72	Koyna 1,2 & 4 Total	29.79	327.88
			MSPGCL Hydro	39.53	440.33	State Total	356.84	4191.17

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/May/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	6477	1904	288	8669	970	4533	0	0	4932	5249	-1321	18100	0	18100	2553	20653	49.95
2	6480	1874	288	8642	1004	4553	0	0	4852	4872	-1022	18049	0	18049	2405	20454	49.96
3	6549	1751	290	8590	984	4417	0	0	5066	5213	-1133	18071	0	18071	2250	20321	49.96
4	6426	1806	300	8532	888	4427	0	0	5103	5055	-1068	17834	0	17834	2136	19970	49.93
5	6286	1730	290	8306	827	4430	0	0	5068	5140	-1006	17697	0	17697	2077	19774	50.01
6	6328	1810	291	8429	849	4613	0	0	5065	5276	-1019	18148	0	18148	2105	20253	50.02
7	6312	1634	301	8247	864	4691	0	49	5186	5476	-714	18613	0	18613	2043	20656	49.94
8	6227	858	290	7375	930	4495	0	231	5194	5361	-731	17661	0	17661	2030	19691	50.01
9	6020	804	287	7111	740	4316	0	509	5184	5603	-904	17375	0	17375	2069	19444	50.08
10	5853	1747	284	7884	425	3996	0	704	5052	4849	-985	16873	0	16873	2144	19017	50.00
11	6185	1879	280	8344	243	3980	0	831	5112	5340	-1016	17722	0	17722	2239	19961	49.99
12	6415	1952	280	8647	252	4369	0	920	5263	4960	-1133	18015	0	18015	2314	20329	49.98
13	6539	1573	277	8389	272	4481	0	938	5332	5180	-1163	18097	0	18097	2341	20438	50.02
14	6361	1605	268	8234	294	4437	0	860	5290	5185	-1161	17849	0	17849	2333	20182	50.01
15	6444	1487	278	8209	331	4601	0	787	5360	5504	-1206	18226	0	18226	2384	20610	50.00
16	6482	1433	280	8195	457	4668	0	630	5485	5720	-1238	18432	0	18432	2416	20848	50.00
17	6336	1561	280	8177	592	4652	0	398	5256	5172	-1171	17820	0	17820	2372	20192	50.03
18	6060	1776	283	8119	656	4430	0	166	4984	5038	-1094	17315	0	17315	2308	19623	50.06
19	5982	1331	284	7597	788	4381	0	21	4804	4978	-1076	16689	0	16689	2288	18977	50.05
20	6006	1480	285	7771	889	4315	0	0	4832	4926	-1219	16682	0	16682	2435	19117	50.03
21	6105	1813	285	8203	938	4498	0	0	4428	4482	-1255	16866	0	16866	2483	19349	49.98
22	6241	1901	285	8427	944	4529	0	0	4292	4451	-1271	17080	0	17080	2493	19573	49.94
23	6255	1917	286	8458	1033	4482	0	0	4614	4792	-1387	17378	0	17378	2540	19918	50.00
24	6383	1903	286	8572	1072	4526	0	0	4984	4644	-1421	17393	0	17393	2565	19958	50.01
MUs	150.75	39.53	6.85	197.13	17.24	106.82	0.00	7.04	120.74	122.47	-26.71	423.99	0.00	423.99	55.32	479.31	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 12/May/2019

Position as on 6.30 Hrs of 13/May/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 7	250	12/12/2018	00.00		Continued.	Zero Schedule. (From Dt-27/01/2019 Converted Zero sch to AOH) and (from dt-15/02/2019 Converted AOH to Zero sch by MSEDCL)	
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		Continued.	T/F Shifting Work.	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn Due To B0 & U-7	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Zero Schedule.	
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.	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero Schedule.	
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	Koradi Unit 7	210	19/01/2019	18.21		Continued.	Poor Coal Receipt	
MSPGCL	Nasik Unit 3	210	19/04/2019	12.22		Continued.	Boiler Tube Leakage(Converted for Zero Schedule from 00.00Hrs DT.22-04-2019)	
IPP	RPL(AMT) U-1	270	20/04/2019	00.01		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	21/04/2019	00.01		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-2	270	24/04/2019	00.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-3	270	30/04/2019	17.00		Continued.	Zero Schedule	
MSPGCL	Parli Unit 8	250	01/05/2019	00.00		Continued.	Zero Schedule	
MSPGCL	Koradi Unit 6	210	03/05/2019	19.08	12/05/2019	11.22	Zero schedule.	
MSPGCL	Bhusawal Unit 4	500	10/05/2019	20.51	12/05/2019	21.58	Boiler Tube Leakage	
MSPGCL	Koradi Unit 6	210	12/05/2019	11.48	12/05/2019	14.57	Generator Mechanical protection.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 12/May/2019

Position as on 6.30 Hrs of 13/May/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 6	210	12/05/2019	15.11	12/05/2019	16.49	Flame Failure	
MSPGCL	Koradi Unit 6	210	12/05/2019	17.14	12/05/2019	19.42	Flame Failure	
MSPGCL	Koradi Unit 6	210	12/05/2019	22.40		Continued.	Flame Failure	

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

Statement-VII

Position as on 6.30 Hrs of 13/May/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	03/05/2019	17.23		Continued.	EO	To rectify trip CKT faulty (RFC 20.40).
Dhule Khandwa II	InterState	10/05/2019	07.29	12/05/2019	08.40	PO	Work At Khandwa END.
Dhule Khandwa I	InterState	12/05/2019	09.30		Continued.	PO	Work At Khandwa End.
Khadka-Aurangabad (Waluj)	IntraState	11/05/2019	17.34		Continued.	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	12/05/2019	03.34	12/05/2019	20.07	T	Distance Protection,Kharghar End -Z1,R-E,5.63KA,45.9KM LOC.NO.28 Insulator Flashover.
Kalwa - Talegaon(PG)	IntraState	12/05/2019	04.14	12/05/2019	15.27	T	Distance Protection
Kharghar-Talegaon(PG)	IntraState	13/05/2019	04.55		Continued.	T	Distance Protection Kharghar End.
Kalwa - Kharghar	IntraState	13/05/2019	06.30	13/05/2019	07.05	T	Distance Protection Kharghar End.
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 -I @Kharghar	IntraState	12/05/2019	08.10	12/05/2019	14.37	PO	After Attending Oil Leakage:Charged ON NO Load.
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 Jumper 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	For Bunching of Conductor At Loc No.86 Disconnecting of Jumper At Loc No.86 To 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading.
Hingoli- Girawali	IntraState	11/05/2019	10.33	12/05/2019	18.40	PO	NUT BOLT TIGHTING WORK.
Salsette - Saki 7	IntraState	12/05/2019	08.12	12/05/2019	15.22	EO	Attending Hot Spot
Khadka-Chalisgaon-2	IntraState	12/05/2019	13.12	12/05/2019	17.40	T	Distance Protection Z1 B PH 7.75KM IF=Chalisgaon-B PH D=101.9KM IF=2.11KA.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.
220/132 Kv 100 Mva Cgl Ict 1 @Dondaicha	IntraState	12/05/2019	06.48	12/05/2019	09.24	PO	Premonsoon maintenance.
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	07/03/2019	15.40		Continued.	HT	Hand trip From Pench end for system requirement.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.

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