

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/May/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	151.236	3692.018	1) Gujrat	1.094	21.836
2) Hydro	26.585	861.569	2) Madhya Pradesh	9.916	249.810
3) Gas	6.258	161.146	3) Chattisgarh	3.670	94.270
Total MSPGCL	184.079	4714.733	4) Maharashtra	116.758	2774.734
B) 1) APLM	69.620	1668.222	5) Goa (Amona)	-0.264	-10.846
2) JSWEL	25.394	567.834	Total	131.174	3129.804
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.691	678.590
4) RPL(AMT)	26.264	86.506	b) Mumbai Drawl	36.774	778.947
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	15.822	312.793
6) Other IPP	5.881	186.321	Include PX	-4.149	-151.359
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.691	678.590
C) 1) TPCL Thermal	14.190	323.985	Include PX	16.118	383.550
2) TPCL Hydro	4.257	109.938	Standby	0.000	0.000
3) TPCL Gas	4.276	103.596	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.586	237.584	1) MSEDCL	436.183	10323.431
D) STATE			2) Mumbai Discoms	69.083	1554.049
1) Thermal	302.171	6762.470	TOTAL STATE	505.266	11877.480
(A1+C1+C4+(B1-B6))					
2) Hydro	30.842	971.507			
(A2+C2)					
3) Gas	10.534	264.742			
(A3+B7+C3)					
4) Wind	23.272	578.882			
6) SOLAR	7.273	170.076			
TOTAL STATE	374.092	8747.677			

* 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 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6228	6299	6204	6371
MSPGCL Hydro	822	1124	1098	1265
MSPGCL Gas	254	214	257	288
MSPGCL Total Generation	7304	7637	7559	7924
Central Sector Receipt	6195	6102	5063	4869
WIND	617	649	1283	1030
CPP / IPP Thermal	5359	5508	5261	4975
CPP / IPP Gas	0	0	0	0
SOLAR	983	822	0	0
Exchange with Mumbai	-1954	-1821	-1235	-1173
MSEDCL DEMAND MET	18504	18897	17931	17625
Load Shedding	0	0	0	0
MSEDCL DEMAND	18504	18897	17931	17625
TPCL GENERATION	1034	1188	1206	699
AEML GENERATION	376	377	478	375
MUMBAI DEMAND	3364	3386	2919	2247
STATE DEMAND MET	21868	22283	20850	19872
STATE DEMAND	21868	22283	20850	19872
Frequency (Hz)	50.00	49.98	49.99	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13.00 Hrs	49.83 Hz at 14.29 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 24/May/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.94	51.91	190	140
Unit 7	0.00	0.00	0	0
Unit 8	9.33	243.36	457	269
Unit 9	9.44	222.14	461	300
Unit 10	9.59	254.47	460	306
Total	32.30	771.88		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	2.51	206.34	500	0
Unit 5	10.32	253.02	500	360
Total	12.83	459.36		
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	4.64	90.65	195	191
Unit 4	4.16	99.08	175	170
Unit 5	10.06	170.13	430	400
Unit 6	10.87	249.99	465	430
Unit 7	9.69	234.63	425	363
Unit 8	11.26	259.31	482	446
Unit 9	7.05	241.09	460	0
Total	57.73	1344.89		
Paras				
Unit 3	6.13	139.38	259	253
Unit 4	5.73	139.15	253	220
Total	11.86	278.53		
Khaparkheda				
Unit 1	3.04	67.83	135	95
Unit 2	2.73	79.88	130	100
Unit 3	3.31	85.88	152	132
Unit 4	3.16	86.01	148	125
Unit 5	11.46	264.12	500	455
Total	23.71	583.73		
Nasik				
Unit 3	4.25	47.37	199	162
Unit 4	4.34	104.34	209	160
Unit 5	4.22	101.91	195	160
Total	12.81	253.62		
Uran				
All Units	6.26	161.15	297	212
Total	6.26	161.15		
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	1.20	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	1.20		
Koyna				
Stage 1-2	5.50	163.49	500	40
Stage 4	13.41	477.26	961	226
Stage 3	4.51	140.99	320	134
Total	23.42	781.74		
Hydro				
KDPH	0.52	15.53	22	21
VTRNA	0.96	19.95	61	0
TILLARI	0.00	6.60	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.25	5.76	40	0
RNGR+BHTSA	0.23	5.88	10	9
BHANDARDRA	0.00	2.36	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.15	7.28	7	6
GHATGHAR	1.06	16.47	250	0
Total	3.17	79.83		
Wind				
Total	23.27	578.88	0	0
Total	23.27	578.88		
CPP				
APML(Mus)	69.62	1668.22	0	0
JSWEL(Mus)	25.39	567.83	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	26.26	86.51	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	5.88	186.32	0	0
Total	127.16	2508.88		
SOLAR				
Total	7.27	170.08	0	0
Total	7.27	170.08		
Tata				
Trombay 5	9.14	215.08	483	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.72	66.04	116	81
Trombay 7B	1.56	37.56	66	54
Trombay 8	5.05	108.90	228	198
TATA Hydro	4.26	109.94	405	13
Total	22.72	537.52		
AEML				
DTPS U-1&2	9.59	237.58	497	373
Total	9.59	237.58		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	151.24	3692.02	MSPGCL Total	184.08	4714.73
			MSPGCL Thml+Gas	157.49	3853.16	Koyna 1,2 & 4 Total	18.91	640.76
			MSPGCL Hydro	26.58	861.57	State Total	374.09	8747.68

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 24/May/2019

Annexure-2

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	6558	931	285	7774	1652	5558	0	0	5429	5360	-1658	18686	0	18686	2801	21487	50.04
2	6463	908	297	7668	1622	5347	0	0	5158	5046	-1520	18163	0	18163	2603	20766	49.98
3	6435	1173	286	7894	1457	5169	0	0	4822	4759	-1354	17925	0	17925	2427	20352	49.98
4	6460	1178	289	7927	1216	4953	0	0	4765	4729	-1227	17598	0	17598	2301	19899	50.04
5	6371	1265	288	7924	1030	4975	0	0	4836	4869	-1173	17625	0	17625	2247	19872	50.05
6	6360	1455	289	8104	908	5211	0	0	5058	5249	-1199	18273	0	18273	2272	20545	50.04
7	6454	1129	289	7872	637	5475	0	46	5526	5756	-1154	18632	0	18632	2230	20862	50.01
8	6479	1152	288	7919	471	5432	0	242	5260	5390	-1287	18167	0	18167	2360	20527	50.03
9	6399	936	285	7620	673	5357	0	507	5475	5370	-1565	17962	0	17962	2652	20614	50.00
10	6423	1114	283	7820	589	5002	0	719	5625	5730	-1776	18084	0	18084	3005	21089	50.02
11	6333	1051	278	7662	608	5211	0	881	5932	5877	-1914	18325	0	18325	3240	21565	50.03
12	6228	822	254	7304	617	5359	0	983	6278	6195	-1954	18504	0	18504	3364	21868	50.00
13	6194	894	220	7308	571	5309	0	957	6280	6156	-1922	18379	0	18379	3341	21720	50.02
14	6208	810	212	7230	583	5344	0	916	6207	6290	-1796	18567	0	18567	3248	21815	50.04
15	6299	1124	214	7637	649	5508	0	822	6311	6102	-1821	18897	0	18897	3386	22283	49.98
16	6047	1103	216	7366	767	5648	0	612	6325	6145	-1765	18773	0	18773	3448	22221	49.99
17	5979	1492	216	7687	937	5506	0	390	6094	5664	-1599	18585	0	18585	3388	21973	50.02
18	6065	1425	225	7715	872	5226	0	176	5584	5707	-1495	18201	0	18201	3251	21452	50.02
19	6129	938	217	7284	1024	5175	0	22	5291	4965	-1360	17110	0	17110	3026	20136	50.03
20	6195	993	216	7404	1113	5201	0	0	5124	5046	-1215	17549	0	17549	2979	20528	49.96
21	6204	1098	257	7559	1283	5261	0	0	4931	5063	-1235	17931	0	17931	2919	20850	49.99
22	6320	1126	284	7730	1308	5294	0	0	5000	4884	-1467	17749	0	17749	2834	20583	49.99
23	6329	1151	285	7765	1381	5324	0	0	5265	5415	-1617	18268	0	18268	2858	21126	50.02
24	6304	1317	285	7906	1304	5314	0	0	5448	5407	-1701	18230	0	18230	2903	21133	50.02
MUs	151.24	26.59	6.26	184.08	23.27	127.16	0.00	7.27	132.02	131.17	-36.77	436.18	0.00	436.18	69.08	505.27	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 24/May/2019

Position as on 6.30 Hrs of 25/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 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 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.	
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	Parli Unit 8	250	01/05/2019	00.00		Continued.	Zero Schedule	
MSPGCL	Uran Unit 8	108	20/05/2019	16.01		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 4	500	22/05/2019	16.42	24/05/2019	16.33	Steam Leakage	
MSPGCL	Chandrapur Unit 9	500	24/05/2019	15.22		Continued.	Excitation Failure.	
IPP	Adani U-2	660	24/05/2019	17.31		Continued.	Hot PA Bellow Leakage.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/May/2019

Statement-VII

Position as on 6.30 Hrs of 25/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 I	InterState	17/05/2019	13.39		Continued.	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	22/05/2019	01.36		Continued.	T	Distance Protection,Zone 1 32.4km R PH 06.07KA
Bhusawal-Aurangabad	IntraState	23/05/2019	18.17	24/05/2019	06.34	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	24/05/2019	06.04	24/05/2019	11.31	PO	Quarterly Maintenance Work
Deepnagar - Aurangabad	IntraState	24/05/2019	06.54	24/05/2019	16.34	PO	Replacement of Dead End & Mid Span Joint.
Jaigad-New Koyna Ckt-I	IntraState	24/05/2019	08.52	24/05/2019	15.57	EO	Insulator Cleaning Work.
Khadka-Aurangabad (Waluj)	IntraState	24/05/2019	17.52		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- 2 @Kharghar	IntraState	24/05/2019	09.00	24/05/2019	17.32	PO	Pre-monsoon Maintenance Work.
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	24/05/2019	10.50	24/05/2019	18.10	PO	Pre-monsoon Maintenance 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.
Borivali - Tarapur	InterState	24/05/2019	06.15	24/05/2019	09.42	EO	Hot Spot At Borivali End.
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.
Koradi II - Kandlewada	IntraState	24/05/2019	05.22	24/05/2019	08.10	T	Bus Bar Protection Operated
Eklahara-(Ocr)(Nashik)-Navasari I	IntraState	24/05/2019	05.29	24/05/2019	08.40	T	Distance Protection, R Ph E/F 4.29KM, IR-3557AMP, Navsari End:- R Ph E/F 110KM, 1535AMP.
Abhijeet-Wardha-I	IntraState	24/05/2019	07.10	24/05/2019	12.59	PO	Line Signature Test.
Padghe - Kambha	IntraState	24/05/2019	08.30	24/05/2019	12.06	PO	Replacement of LMU.
Apta - Kalwa1	IntraState	24/05/2019	08.47	24/05/2019	11.41	PO	Tree Cutting.
Karad(400kv) - Wathar	IntraState	24/05/2019	10.19	24/05/2019	18.10	EO	Attending Hot Spot
Dhule-Chalisgaon	IntraState	24/05/2019	17.17	24/05/2019	18.57	EO	Attends/Remove Wrapped Cotton Material (Big Size) On B Ph. Conductor At LOC No.28.
Jejuri (400 Kv)-Jejuri ckt-II	IntraState	24/05/2019	17.50	24/05/2019	18.43	PO	Diagnostic Testing Work.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Bucholz Trip.
220/132Kv 200MVA ICT-I @ Chikhali	IntraState	20/05/2019	08.08	24/05/2019	18.30	PO	Pre Mponsoon Maint.and Testing work
220/33 Kv 100 Mva Alstom Ptr 1 @Valve	IntraState	22/05/2019	10.00		Continued.	PO	OLTC Overhauling work
220/132 Kv 100 Mva Emco Ict 2 @Dondaicha	IntraState	24/05/2019	06.32	24/05/2019	08.59	PO	Premonsoon Maintenance Work.
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	24/05/2019	09.30	24/05/2019	17.40	PO	OLTC Overhauling & Premonsoon

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 24/May/2019

Statement-VII

Position as on 6.30 Hrs of 25/May/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Maintenance Work.
220/132 Kv 200 Mva Ict - 1 @Harangul	IntraState	24/05/2019	10.01	24/05/2019	12.53	PO	Problem In Buccholz Relay.
132 KV LINE Outages/Trippings							
Kanhan Pench	InterState	23/05/2019	09.15		Continued.	T	R PH LA Replacement.