

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/May/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	157.635	3849.653	1) Gujrat	-1.504	20.332
2) Hydro	26.795	888.364	2) Madhya Pradesh	6.824	256.634
3) Gas	4.712	165.858	3) Chattisgarh	3.330	97.600
Total MSPGCL	189.142	4903.875	4) Maharashtra	122.664	2897.398
B) 1) APLM	61.599	1729.821	5) Goa (Amona)	-0.242	-11.088
2) JSWEL	26.075	593.909	Total	131.072	3260.876
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.331	707.921
4) RPL(AMT)	28.694	115.200	b) Mumbai Drawl	33.231	812.178
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	13.003	325.796
6) Other IPP	7.266	193.587	Include PX	-7.090	-158.449
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.331	707.921
C) 1) TPCL Thermal	14.764	338.749	Include PX	14.983	398.533
2) TPCL Hydro	2.410	112.348	Standby	0.000	0.000
3) TPCL Gas	4.341	107.937	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.602	248.186	1) MSEDCL	437.938	10761.369
D) STATE			2) Mumbai Discoms	65.347	1619.396
1) Thermal	306.635	7069.105	TOTAL STATE	503.285	12380.765
(A1+C1+C4+(B1-B6))					
2) Hydro	29.205	1000.712			
(A2+C2)					
3) Gas	9.053	273.795			
(A3+B7+C3)					
4) Wind	21.613	600.495			
6) SOLAR	5.708	175.784			
TOTAL STATE	372.214	9119.891			

* 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 21 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	6670	6799	6646	6657
MSPGCL Hydro	477	1395	1616	458
MSPGCL Gas	126	135	161	277
MSPGCL Total Generation	7273	8329	8423	7392
Central Sector Receipt	6257	6077	4710	5448
WIND	658	402	843	958
CPP / IPP Thermal	5187	5382	5411	4982
CPP / IPP Gas	0	0	0	0
SOLAR	756	441	0	257
Exchange with Mumbai	-1589	-1493	-1212	-1164
MSEDCL DEMAND MET	18542	19138	18175	17873
Load Shedding	0	0	0	0
MSEDCL DEMAND	18542	19138	18175	17873
TPCL GENERATION	1005	1119	1052	728
AEML GENERATION	486	499	498	375
MUMBAI DEMAND	3080	3111	2762	2267
STATE DEMAND MET	21622	22249	20937	20140
STATE DEMAND	21622	22249	20937	20140
Frequency (Hz)	50.02	49.92	49.96	50.09

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 08.00 Hrs	49.77 Hz at 20.34 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 25/May/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.94	55.86	190	140
Unit 7	0.00	0.00	0	0
Unit 8	9.80	253.16	460	375
Unit 9	10.92	233.06	530	350
Unit 10	10.64	265.12	525	320
Total	35.31	807.19		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.76	218.10	505	355
Unit 5	11.54	264.57	500	360
Total	23.30	482.67		
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	4.66	95.31	195	193
Unit 4	4.18	103.27	178	161
Unit 5	10.04	180.16	435	404
Unit 6	10.86	260.86	462	430
Unit 7	9.16	243.79	400	363
Unit 8	11.14	270.45	475	407
Unit 9	0.00	241.09	0	0
Total	50.04	1394.93		
Paras				
Unit 3	6.05	145.43	260	250
Unit 4	5.45	144.60	251	189
Total	11.50	290.02		
Khaparkhedda				
Unit 1	3.04	70.88	135	95
Unit 2	3.14	83.02	135	130
Unit 3	3.25	89.13	150	125
Unit 4	3.16	89.18	145	128
Unit 5	11.24	275.36	495	455
Total	23.84	607.57		
Nasik				
Unit 3	4.45	51.82	200	160
Unit 4	4.71	109.06	210	158
Unit 5	4.48	106.39	202	160
Total	13.64	267.27		
Uran				
All Units	4.71	165.86	287	125
Total	4.71	165.86		
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	5.54	169.04	510	40
Stage 4	14.40	491.67	999	0
Stage 3	3.95	144.94	320	0
Total	23.90	805.64		
Hydro				
KDPH	0.51	16.04	22	21
VTRNA	0.86	20.80	60	0
TILLARI	0.18	6.77	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	5.98	40	0
RNGR+BHTSA	0.23	6.12	10	9
BHANDARDRA	0.00	2.36	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.07	7.35	3	2
GHATGHAR	0.84	17.31	125	0
Total	2.90	82.73		
Wind				
Total	21.61	600.50	0	0
Total	21.61	600.50		
CPP				
APML(Mus)	61.60	1729.82	0	0
JSWEL(Mus)	26.08	593.91	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	28.69	115.20	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	7.27	193.59	0	0
Total	123.63	2632.52		
SOLAR				
Total	5.71	175.78	0	0
Total	5.71	175.78		
Tata				
Trombay 5	9.61	224.70	484	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	68.81	116	115
Trombay 7B	1.57	39.13	66	65
Trombay 8	5.15	114.05	231	198
TATA Hydro	2.41	112.35	229	17
Total	21.52	559.03		
AEML				
DTPS U-1&2	10.60	248.19	499	375
Total	10.60	248.19		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	157.64	3849.65
MSPGCL Thml+Gas	162.35	4015.51
MSPGCL Hydro	26.80	888.36

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	189.14	4903.88
Koyna 1,2 & 4 Total	19.95	660.70
State Total	372.21	9119.89

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/May/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	6358	1271	275	7904	1470	5262	0	0	5514	5471	-1739	18368	0	18368	2826	21194	50.02
2	6404	1058	285	7747	1459	5252	0	0	5419	5237	-1563	18132	0	18132	2636	20768	50.03
3	6478	1077	285	7840	1427	5004	0	0	5475	5312	-1404	18179	0	18179	2479	20658	50.02
4	6398	988	286	7672	1343	4932	0	0	5373	5311	-1286	17972	0	17972	2358	20330	50.06
5	6373	934	286	7593	1358	4850	0	0	5493	5518	-1217	18102	0	18102	2292	20394	50.00
6	6491	1134	286	7911	1368	4916	0	0	5500	5615	-1237	18573	0	18573	2311	20884	50.03
7	6632	1012	287	7931	1274	5218	0	86	5571	5385	-1150	18744	0	18744	2225	20969	50.02
8	6657	458	277	7392	958	4982	0	257	5547	5448	-1164	17873	0	17873	2267	20140	50.09
9	6346	551	285	7182	795	4840	0	448	5544	5547	-1315	17497	0	17497	2435	19932	50.07
10	6205	1155	178	7538	807	4506	0	582	5582	5794	-1535	17692	0	17692	2685	20377	50.03
11	6434	1364	136	7934	721	4622	0	706	5953	5882	-1742	18123	0	18123	2945	21068	50.04
12	6670	477	126	7273	658	5187	0	756	6210	6257	-1589	18542	0	18542	3080	21622	50.02
13	6757	371	136	7264	594	5277	0	739	6241	6156	-1512	18518	0	18518	3082	21600	50.08
14	6773	239	135	7147	431	5295	0	697	6239	6232	-1439	18363	0	18363	3016	21379	50.01
15	6766	841	125	7732	462	5305	0	595	6211	6397	-1483	19008	0	19008	3081	22089	49.90
16	6799	1395	135	8329	402	5382	0	441	6134	6077	-1493	19138	0	19138	3111	22249	49.92
17	6765	1549	126	8440	476	5380	0	269	5888	5822	-1459	18928	0	18928	3035	21963	49.96
18	6712	1654	137	8503	545	5354	0	114	5439	5295	-1374	18437	0	18437	2920	21357	49.99
19	6641	1028	128	7797	625	5292	0	18	5081	4957	-1242	17447	0	17447	2775	20222	50.03
20	6710	1440	141	8291	704	5271	0	0	4752	4780	-1199	17847	0	17847	2786	20633	50.02
21	6646	1616	161	8423	843	5411	0	0	4571	4710	-1212	18175	0	18175	2762	20937	49.96
22	6517	1858	158	8533	971	5378	0	0	4385	4226	-1229	17879	0	17879	2721	20600	49.99
23	6571	1747	137	8455	974	5389	0	0	4765	4583	-1296	18105	0	18105	2728	20833	49.92
24	6532	1578	201	8311	948	5329	0	0	4949	5060	-1352	18296	0	18296	2792	21088	49.94
MUs	157.63	26.80	4.71	189.14	21.61	123.63	0.00	5.71	131.84	131.07	-33.23	437.94	0.00	437.94	65.35	503.29	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 25/May/2019

Position as on 6.30 Hrs of 26/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 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	
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	26/05/2019	00.10	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	Chandrapur Unit 9	500	24/05/2019	15.22	26/05/2019	11.46	Excitation Failure.	
IPP	Adani U-2	660	24/05/2019	17.31		Continued.	Hot PA Bellow Leakage.	
MSPGCL	Uran Unit 6	108	25/05/2019	09.23	25/05/2019	19.56	For Air Filter Replacement Work.	
MSPGCL	Uran Unit 6	108	25/05/2019	21.14	25/05/2019	22.37	Due To Damper Discrepancy.	
MSPGCL	Bhusawal Unit 3	210	26/05/2019	04.39		Continued.	TURBINE BAREING HIGH VIBARATION.	
MSPGCL	Uran Unit 6	108	26/05/2019	18.43		Continued.	Damper Discrepancy protection	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/May/2019

Statement-VII

Position as on 6.30 Hrs of 26/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	26/05/2019	19.49	T	Distance Protection,Zone 1 32.4km R PH 06.07KA
Khadka-Aurangabad (Waluj)	IntraState	24/05/2019	17.52	25/05/2019	06.38	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	25/05/2019	06.48	25/05/2019	19.25	PO	For Replacement Of Dead End & Mid Span Joint.
Jaigad-Karad Ckt-I	IntraState	25/05/2019	08.52	25/05/2019	13.44	PO	Insulator Washing Work.
Dhule - Bableshwar - II	IntraState	25/05/2019	09.41	25/05/2019	13.30	PO	Routine Maintenance Work
Jaigad-Karad Ckt-II	IntraState	25/05/2019	13.51	25/05/2019	18.19	PO	Insulator Washing Work.
Khadka-Aurangabad (Waluj)	IntraState	25/05/2019	19.30		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 Kv 600 MVA ICT-II @Kalwa	IntraState	23/05/2019	08.36	26/05/2019	19.55	HT	H/T To avoid overloading of kalwa -padghe d/c
400/220 KV 315 MVA ICT-I @ Nagothane	IntraState	25/05/2019	10.10	25/05/2019	13.31	PO	Routine Maintenance Work
400/220KV 500MVA ICT-II@Taptitanda	IntraState	26/05/2019	01.22	26/05/2019	02.12	T	R-PHASE OLTC BUCHLOZ PROTECTION.
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.
EKLAHARE (OCR) Nasik - Navsari I	InterState	25/05/2019	09.38	25/05/2019	16.33	PO	String Replacement Work.
Solapur (Pg) South Solapur I	InterState	26/05/2019	00.58	26/05/2019	16.25	HT	HOT SPOT ON Y-PHASE CONDUCTOR.
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.
Nerul-Trombay	IntraState	25/05/2019	06.50	25/05/2019	11.57	PO	Replacement RPH LA.
Half Main bus section-II @ Serum	IntraState	25/05/2019	09.44	25/05/2019	13.30	PO	Routine Maintenance Work
Trombay Dharavi 6	IntraState	25/05/2019	10.13	25/05/2019	14.46	PO	Line Maintenance work
Osmanabad - Solapur (Bale)	IntraState	25/05/2019	10.15	25/05/2019	12.52	PO	Premonsoon Maintenance Work.
BOISAR BORIVALI	IntraState	25/05/2019	10.46		Continued.	PO	Construction Work.
Pirangut - Hinjewadi I	IntraState	25/05/2019	11.12	25/05/2019	16.34	PO	Routine Maintenance Work
Dhule-Chalisagaon	IntraState	25/05/2019	18.33	25/05/2019	19.45	EO	Removing Wrapped Cotton On Conductor At LOC No.73.
Chakan (400kv)-Bridgestone	IntraState	26/05/2019	08.01	26/05/2019	21.28	PO	Construction work of Bunching of line.
TPC Borivali Aarey Line 1	IntraState	26/05/2019	08.17	26/05/2019	17.25	PO	Routine Maintenance Work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.
220/33 Kv 100 Mva Alstom Ptr 1 @Valve	IntraState	22/05/2019	10.00		Continued.	PO	OLTC Overhauling 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 25/May/2019

Statement-VII

Position as on 6.30 Hrs of 26/May/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 Transformer 2 @Aarey R/S	IntraState	25/05/2019	09.17	25/05/2019	10.57	PO	Premonsoon Maintenance Work.
220/33kV 100 MVA Transformer 4 @Aarey R/S	IntraState	25/05/2019	11.48	25/05/2019	13.13	PO	Premonsoon Maintenance Work
220/132Kv 200MVA ICT-I @ Chikhali	IntraState	25/05/2019	13.15	25/05/2019	23.30	PO	L.V. C.T. Replacement Work.
220/22 Kv 50 Mva Imp Ptr 2 @Airoli Knowledge Park	IntraState	25/05/2019	13.45	25/05/2019	14.32	T	Differential protection
132 KV LINE Outages/Trippings							
Kanhan Pench	InterState	23/05/2019	09.15		Continued.	T	R PH LA Replacement.
Ghatanji-Pandharkawada	IntraState	25/05/2019	17.48	25/05/2019	18.26	T	Distance Protection
Yavatmal-Ghatanji	IntraState	25/05/2019	17.48	25/05/2019	17.55	T	O/C Prot Opted.

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