

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/May/2018 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	148.583	3485.933	1) Gujrat	-1.330	-71.428
2) Hydro	8.542	627.622	2) Madhya Pradesh	13.478	376.599
3) Gas	7.107	177.229	3) Chattisgarh	5.280	168.420
Total MSPGCL	164.232	4290.784	4) Maharashtra Net	123.936	3141.293
B) 1) APML	59.064	1099.802	5) Goa (Amona)	-0.264	-8.228
2) JSWEL	27.360	664.374	Total	141.100	3606.656
3) VIPL	7.439	133.317	a) Mumbai Schedule	27.567	701.816
4) RPL(AMT)	19.995	378.295	b) Mumbai Drawl	33.706	752.725
5) WPCL	4.084	99.909	c) MSEDCL Bilateral *	53.523	1105.287
6) PGPL	0.000	0.000	Include PX	16.499	269.184
7) Other IPP	15.827	256.927	d) Mumbai Bilateral *	27.567	701.551
C) 1) TPCL Thermal	16.777	399.954	Include PX	10.393	284.181
2) TPCL Hydro	7.086	125.865	Include Standby	0.000	0.265
3) TPCL Gas	2.345	62.011	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.750	281.784	1) MSEDCL	440.732	10411.487
D) STATE			2) Mumbai Discoms	71.664	1622.324
1) Thermal	310.879	6800.295	TOTAL STATE	512.396	12033.811
(A1+C1+C4+(B1-B6))					
2) Hydro	15.628	753.487			
(A2+C2)					
3) Gas	9.452	239.240			
(A3+B6+C3)					
4) Wind	30.200	490.957			
6) SOLAR	5.137	143.191			
TOTAL STATE	371.296	8427.170			

* 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 17 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6213	6183	6283	6095
MSPGCL Hydro	210	830	132	110
MSPGCL Gas	285	295	288	304
MSPGCL Total Generation	6708	7308	6703	6509
Central Sector Receipt	6424	6925	5653	5149
WIND	1029	1025	1100	1628
CPP / IPP Thermal	5519	5585	5699	5466
CPP / IPP Gas	0	0	0	0
SOLAR	720	311	0	0
Exchange with Mumbai	-1718	-1615	-1267	-1023
MSEDCL DEMAND MET	18682	19539	17888	17729
Load Shedding	0	0	0	0
MSEDCL DEMAND	18682	19539	17888	17729
TPCL GENERATION	1241	1323	1238	863
R-INFRA GENERATION	498	496	497	498
MUMBAI DEMAND	3457	3434	3002	2384
STATE DEMAND MET	22139	22973	20890	20113
STATE DEMAND	22139	22973	20890	20113
Frequency (Hz)	49.93	49.91	49.96	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 13:02 Hrs	49.74 Hz at 14:42 Hrs	49.96	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/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	8.73	197.78	400	329
Unit 9	9.28	212.11	460	334
Unit 10	9.20	199.00	420	334
Total	27.21	608.90		
Bhusawal				
Unit 3	0.00	79.04	0	0
Unit 4	10.45	215.16	450	415
Unit 5	11.29	243.49	490	430
Total	21.74	537.70		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.28	118.93	194	160
Unit 7	4.24	118.56	187	166
Unit 8	4.16	113.10	183	160
Total	12.69	350.60		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.93	244.39	470	420
Unit 6	0.00	0.00	0	0
Unit 7	10.69	194.85	450	440
Unit 8	10.29	232.60	448	400
Unit 9	10.08	233.12	444	392
Total	41.98	904.96		
Paras				
Unit 3	5.96	137.05	250	238
Unit 4	6.00	124.25	250	250
Total	11.96	261.30		
Khaparkheda				
Unit 1	3.18	86.85	150	110
Unit 2	3.84	94.06	185	120
Unit 3	4.06	94.91	193	153
Unit 4	3.74	93.36	170	135
Unit 5	9.46	247.72	458	360
Total	24.28	616.90		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.47	104.14	198	170
Unit 5	4.26	101.45	193	154
Total	8.73	205.58		
Uran				
All Units	7.11	177.23	305	284
Total	7.11	177.23		
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)	0.06	2.23	20	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	2.23		
Koyna				
Stage 1-2	2.70	159.62	495	40
Stage 4	2.76	307.44	750	0
Stage 3	1.25	101.69	240	0
Total	6.71	568.76		
Hydro				
KDPH	0.35	15.70	15	14
VTRNA	0.00	0.00	0	0
TILLARI	0.24	3.05	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.36	7.04	80	0
RNGR+BHTSA	0.26	6.52	11	10
BHANDARDRA	0.33	11.62	45	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.29	8.61	21	9
GHATGHAR	0.00	6.32	0	0
Total	1.83	58.86		
Wind				
Total	30.20	490.96	0	0
Total	30.20	490.96		
CPP				
APML(Mus)	59.06	1099.80	0	0
JSWEL(Mus)	27.36	664.37	0	0
VIPL(Mus)	7.44	133.32	0	0
RPLAMT(Mus)	20.00	378.30	0	0
WPCL(Mus)	4.08	99.91	0	0
Other(Mus)	15.83	256.93	0	0
Total	133.77	2632.62		
SOLAR				
Total	5.14	143.19	0	0
Total	5.14	143.19		
Tata				
Trombay 5	11.09	264.80	480	322
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.34	35.31	100	44
Trombay 7B	1.01	26.70	60	36
Trombay 8	5.69	135.16	243	218
TATA Hydro	7.09	125.86	459	44
Total	26.21	587.83		
R-INFRA				
DTPS U-1&2	11.75	281.78	500	379
Total	11.75	281.78		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	148.58	3485.93	MSPGCL Total	164.23	4290.78
			MSPGCL Thml+Gas	155.69	3663.16	Koyna 1,2 & 4 Total	5.46	467.07
			MSPGCL Hydro	8.54	627.62	State Total	371.30	8427.17

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 24/May/2018

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	6068	1161	305	7534	1095	5715	0	0	5102	5133	-1314	18163	0	18163	2931	21094	49.96
2	6049	1016	292	7357	1401	5658	0	0	5026	4856	-1124	18148	0	18148	2717	20865	49.99
3	6060	484	303	6847	1166	5634	0	0	5327	5539	-1043	18143	0	18143	2539	20682	49.97
4	6112	353	305	6770	1655	5562	0	0	5395	5107	-1064	18030	0	18030	2433	20463	50.00
5	6095	110	304	6509	1628	5466	0	0	5536	5149	-1023	17729	0	17729	2384	20113	49.96
6	6102	130	304	6536	1667	5532	0	0	5990	5449	-1067	18117	0	18117	2402	20519	49.95
7	6094	94	304	6492	1716	5577	0	27	6048	5772	-997	18587	0	18587	2356	20943	50.00
8	6211	87	303	6601	1777	5488	0	104	5819	5642	-1183	18429	0	18429	2453	20882	49.98
9	6236	87	300	6623	1644	5401	0	250	5795	5584	-1648	17854	0	17854	2746	20600	49.95
10	6267	131	290	6688	1296	5443	0	401	5912	5673	-1746	17755	0	17755	3105	20860	49.97
11	6206	168	296	6670	1092	5527	0	568	6117	6074	-1758	18173	0	18173	3355	21528	49.91
12	6213	210	285	6708	1029	5519	0	720	6631	6424	-1718	18682	0	18682	3457	22139	49.93
13	6287	165	293	6745	955	5524	0	767	6931	6897	-1702	19186	0	19186	3451	22637	49.94
14	6309	133	284	6726	897	5594	0	715	6962	6793	-1690	19035	0	19035	3388	22423	49.95
15	6306	180	293	6779	1030	5623	0	655	6862	6920	-1641	19366	0	19366	3464	22830	49.87
16	6244	731	284	7259	1007	5629	0	461	6829	6784	-1694	19446	0	19446	3518	22964	49.90
17	6183	830	295	7308	1025	5585	0	311	6768	6925	-1615	19539	0	19539	3434	22973	49.91
18	6163	539	286	6988	996	5653	0	133	6557	7218	-1531	19457	0	19457	3290	22747	50.02
19	6166	264	297	6727	1213	5588	0	24	5568	5591	-1354	17789	0	17789	3100	20889	50.05
20	6284	251	299	6834	1120	5627	0	1	5286	5530	-1355	17757	0	17757	3065	20822	49.99
21	6283	132	288	6703	1100	5699	0	0	5282	5653	-1267	17888	0	17888	3002	20890	49.96
22	6327	109	299	6735	1200	5586	0	0	5284	5317	-1294	17544	0	17544	2972	20516	49.97
23	6211	409	299	6919	1308	5554	0	0	5406	5540	-1407	17914	0	17914	3016	20930	49.91
24	6107	768	299	7174	1183	5583	0	0	5489	5530	-1471	17999	0	17999	3086	21085	49.94
MUs	148.58	8.54	7.11	164.23	30.20	133.77	0.00	5.14	141.92	141.10	-33.71	440.73	0.00	440.73	71.66	512.40	49.96

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/2018

Position as on 6.30 Hrs of 25/May/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown. (NO PPA FROM 01.04.2018)	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		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	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
MSPGCL	Uran Unit 8	108	25/03/2018	06.25		Continued.	Tripped on Thrust Bearing	
IPP	VIPL U-1	300	01/04/2018	00.26		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	10/04/2018	09.58		Continued.	Boiler Tube Leakage	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
IPP	Adani U-5	660	24/04/2018	08.53		Continued.	Bottom Ash problem	
IPP	RPL(AMT) U-1	270	01/05/2018	00.00		Continued.	Coal Shortage	
CENT.SECTOR	TARAPUR-3	540	02/05/2018	20.01		Continued.	Problem In Reactor	
IPP	RPL(AMT) U-2	270	06/05/2018	18.00		Continued.	Coal Shortage	
MSPGCL	Uran Unit B0	120	12/05/2018	19.16		Continued.	Due To Unit 7 Outage.	
MSPGCL	Uran Unit 7	108	12/05/2018	19.30		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	IEPL INTER CHANGE.	
IPP	Adani U-5	660	24/05/2018	08.53		Continued.	Due To Bottom Hopper Developed Crack And Heavy Water Leakage.	
CPP	SWPGL U-3	135	24/05/2018	15.05	24/05/2018	17.41	Electric Fault.	
CPP	SWPGL U-3	135	24/05/2018	21.01		Continued.	Electrical fault	
MSPGCL	Khaparkheda Unit 3	210	25/05/2018	03.03		Continued.	Low furnace pressure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/May/2018

Statement-VII

Position as on 6.30 Hrs of 25/May/2018

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	24/05/2018	08.55		Continued.	PO	Routine Maintenance Work
Koradi-Bhusawal	IntraState	24/05/2018	06.16	24/05/2018	21.59	PO	Insulator Replacement Work
New Koyna - Dabhol - li	IntraState	24/05/2018	10.00	24/05/2018	18.16	PO	Testing Work
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 1 @Chandrapur 2	IntraState	31/03/2018	21.21		Continued.	HT	hand tripped after charge.
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	24/05/2018	07.09	24/05/2018	19.18	PO	Testing Work
400/220KV 500MVA ICT-I @Nanded	IntraState	24/05/2018	08.02	24/05/2018	17.22	PO	Testing Work
167 Mva Spare Ict @Lamboti	IntraState	24/05/2018	10.17		Continued.	PO	Diagnostic Testing Work.
400/220 kV 500 MVA ICT III @ Jejuri	IntraState	24/05/2018	15.25	24/05/2018	19.20	EO	Attending Oil Leakage
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	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Sonkhar - Trombay	IntraState	15/05/2018	23.50		Continued.	PO	REPLACEMENT OF HTLS CONDUCTOR.
Chakan-Bhosari	IntraState	23/05/2018	22.46	24/05/2018	00.34	EO	To attend Hot Spot
Dondaicha(220)-Amalner(220)	IntraState	24/05/2018	09.07	24/05/2018	11.44	PO	Attending Red Hot On R-PH CT To Lone Isolator.
Niwali - Pawas Line	IntraState	24/05/2018	10.52	24/05/2018	17.40	PO	Insulator String Replacement Work.
Nagothane - Spcl	IntraState	24/05/2018	10.55	24/05/2018	21.37	PO	Isolator Maintenance Work.
Nagothane - Posco	IntraState	24/05/2018	11.23	24/05/2018	20.47	PO	Insulator Replacement Work.
Uran - Hoc 1	IntraState	24/05/2018	11.26	24/05/2018	17.15	PO	CT Replacement Work.
Pigasus-Hinjewadi-II	IntraState	24/05/2018	12.26	24/05/2018	13.54	PO	Wire Remove Work On Line, Crow Wire.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(repaired and ready for commissioning)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/132 Kv 200 Mva Cgl Ict 3 @Babhleshwar	IntraState	19/05/2018	09.25	24/05/2018	17.11	PO	Bushing replacement.
220/132 Kv Ict 2 200 Mva @Parbhani	IntraState	24/05/2018	07.31	24/05/2018	10.20	PO	Pre Monsoon Maintenance Work.
220/132 kV 200 MVA PTR I @Parvati	IntraState	24/05/2018	08.52	24/05/2018	13.01	PO	Routine Maintenance Work
132 KV LINE Outages/Trippings							
Bhandara-Madgi-li	IntraState	22/05/2018	16.33	24/05/2018	18.45	T	Replacement of Control and Relay Panel
Harangul-Jagruti sugar	IntraState	24/05/2018	17.04	24/05/2018	17.20	T	Distance Protection

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