

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/May/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	161.181	3556.374	1) Gujrat	-3.596	-52.684
2) Hydro	19.651	128.689	2) Madhya Pradesh	11.039	278.810
3) Gas	10.323	213.057	3) Chattisgarh	6.160	143.300
Total MSPGCL	191.155	3898.120	4) Maharashtra Net	114.731	2888.844
B) 1) APML	45.639	1219.388	5) Goa (Amona)	-0.726	-17.776
2) JSWEL	22.657	464.994	Total	127.608	3240.494
3) VIPL	14.239	289.829	a) Mumbai Schedule	25.943	553.700
4) RPL(AMT)	19.475	357.376	b) Mumbai Drawl	31.382	739.628
5) WPCL	2.257	55.884	c) MSEDCL Bilateral *	41.739	943.696
6) PGPL	0.000	0.000	Include PX	-0.579	146.131
7) Other IPP	6.570	131.554	d) Mumbai Bilateral *	25.943	553.700
C) 1) TPCL Thermal	16.350	334.342	Include PX	1.351	52.698
2) TPCL Hydro	5.411	83.709	Include Standby	0.000	0.000
3) TPCL Gas	4.405	103.292	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.879	231.023	1) MSEDCL	415.706	9315.763
D) STATE			2) Mumbai Discoms	69.429	1491.998
1) Thermal	300.247	6640.764	TOTAL STATE	485.135	10807.761
(A1+C1+C4+(B1-B6))					
2) Hydro	25.062	212.398			
(A2+C2)					
3) Gas	14.728	316.349			
(A3+B6+C3)					
4) Wind	15.877	360.673			
6) SOLAR	1.611	37.079			
TOTAL STATE	357.525	7567.263			

* 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 4 Hrs
MSPGCL Thermal	6485	6694	6965	6654
MSPGCL Hydro	975	1466	1064	266
MSPGCL Gas	417	415	426	443
MSPGCL Total Generation	7877	8575	8455	7363
Central Sector Receipt	6398	6135	4457	4773
WIND	369	416	578	932
CPP / IPP Thermal	4697	4787	4634	4488
CPP / IPP Gas	0	0	0	0
SOLAR	223	180	0	0
Exchange with Mumbai	-1595	-1678	-1350	-889
MSEDCL DEMAND MET	17969	18415	16774	16667
Load Shedding	72	0	0	0
MSEDCL DEMAND	18041	18415	16774	16667
TPCL GENERATION	1346	1308	1103	866
R-INFRA GENERATION	492	495	507	505
MUMBAI DEMAND	3433	3481	2960	2260
STATE DEMAND MET	21402	21896	19734	18927
STATE DEMAND	21474	21896	19734	18927
Frequency (Hz)	49.91	49.88	49.92	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.09 Hz at 19.02 Hrs	49.74 Hz at 09.13 Hrs	49.93	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 23/May/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.26	84.76	145	130
Unit 8	11.31	218.48	552	350
Unit 9	10.25	189.33	560	300
Unit 10	0.00	100.37	0	0
Total	24.82	592.94		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.11	84.92	180	165
Unit 4	9.04	217.24	410	335
Unit 5	9.00	216.23	410	340
Total	22.16	518.40		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.94	126.31	250	235
Unit 7	5.78	124.34	252	212
Unit 8	4.51	48.38	197	163
Total	16.23	299.03		
Chandrapur				
Unit 3	4.60	101.44	195	189
Unit 4	4.69	93.62	197	193
Unit 5	10.09	229.40	435	405
Unit 6	10.47	182.33	445	421
Unit 7	0.98	6.17	231	0
Unit 8	9.84	210.04	440	348
Unit 9	10.14	222.29	450	350
Total	50.80	1045.29		
Paras				
Unit 3	4.74	115.72	206	180
Unit 4	4.57	119.80	209	150
Total	9.30	235.52		
Khaparkheda				
Unit 1	3.74	90.85	170	120
Unit 2	3.91	91.58	180	140
Unit 3	3.88	95.18	175	150
Unit 4	1.94	77.99	168	0
Unit 5	10.49	215.42	490	400
Total	23.97	571.02		
Nasik				
Unit 3	4.58	98.84	200	170
Unit 4	4.68	98.43	203	162
Unit 5	4.65	96.90	203	168
Total	13.91	294.17		
Uran				
All Units	10.32	213.06	453	415
Total	10.32	213.06		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.10	4.51	29	0
Total	0.10	4.51		
Koyna				
Stage 1-2	7.22	35.92	500	40
Stage 4	6.26	9.67	863	0
Stage 3	3.26	10.55	240	0
Total	16.74	56.13		
Hydro				
KDPH	0.56	13.19	24	23
VTRNA	0.50	12.86	61	0
TILLARI	0.00	0.64	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	4.29	80	0
RNGR+BHTSA	0.27	6.27	12	11
BHANDARDRA	0.44	10.04	19	18
ELDARY	0.00	1.80	0	0
SMLHY_PTN	0.26	6.78	11	11
GHATGHAR	0.64	16.67	125	0
Total	2.92	72.56		
Wind				
Total	15.88	360.67	0	0
Total	15.88	360.67		
CPP				
APML(Mus)	45.64	1219.39	0	0
JSWEL(Mus)	22.66	464.99	0	0
VIPL(Mus)	14.24	289.83	0	0
RPLAMT(Mus)	19.48	357.38	0	0
WPCL(Mus)	2.26	55.88	0	0
Other(Mus)	6.57	131.55	0	0
Total	110.84	2519.02		
SOLAR				
Total	1.61	37.08	0	0
Total	1.61	37.08		
Tata				
Trombay 5	10.55	213.26	476	390
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.84	66.54	122	114
Trombay 7B	1.57	36.75	67	63
Trombay 8	5.80	121.08	247	206
TATA Hydro	5.41	83.71	459	2
Total	26.17	521.34		
R-INFRA				
DTPS U-1&2	11.88	231.02	508	389
Total	11.88	231.02		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	161.18	3556.37	MSPGCL Total	191.16	3898.12
			MSPGCL Thml+Gas	171.50	3769.43	Koyna 1,2 & 4 Total	13.48	45.59
			MSPGCL Hydro	19.65	128.69	State Total	357.52	7567.26

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/May/2017

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	6717	1026	439	8182	947	4709	0	0	4846	5316	-1298	17856	0	17856	2754	20610	49.94
2	6673	843	438	7954	830	4604	0	0	4752	5241	-1119	17510	0	17510	2527	20037	49.94
3	6644	486	431	7561	933	4501	0	0	4762	4976	-994	16977	0	16977	2376	19353	49.93
4	6654	266	443	7363	932	4488	0	0	4831	4773	-889	16667	0	16667	2260	18927	49.96
5	6500	381	432	7313	814	4495	0	0	4801	5032	-795	16859	0	16859	2200	19059	49.87
6	6524	386	453	7363	740	4506	0	0	5187	5379	-800	17188	0	17188	2204	19392	49.92
7	6581	926	435	7942	679	4395	0	5	5126	5425	-796	17650	0	17650	2172	19822	49.98
8	6598	258	441	7297	709	4379	0	48	5598	5499	-833	17099	0	17099	2268	19367	49.99
9	6621	262	437	7320	702	4380	0	104	5790	5712	-1033	17185	0	17185	2589	19774	49.95
10	6572	438	423	7433	719	4379	0	159	5846	5611	-1370	16931	0	16931	3092	20023	49.90
11	6615	616	422	7653	582	4574	0	199	5868	5648	-1408	17248	0	17248	3241	20489	49.93
12	6485	975	417	7877	369	4697	0	223	5990	6398	-1595	17969	72	18041	3433	21474	49.91
13	6555	1394	416	8365	304	4697	0	223	6023	6218	-1595	18212	0	18212	3441	21653	49.94
14	6631	1445	427	8503	357	4748	0	210	5813	6058	-1577	18299	0	18299	3386	21685	49.93
15	6694	1466	415	8575	416	4787	0	180	5786	6135	-1678	18415	0	18415	3481	21896	49.88
16	6650	1585	419	8654	498	4949	0	136	5955	5749	-1699	18287	0	18287	3503	21790	49.95
17	6783	937	420	8140	674	4813	0	87	5834	5735	-1655	17794	0	17794	3403	21197	49.97
18	6831	134	422	7387	930	4595	0	34	5743	5380	-1706	16620	0	16620	3304	19924	49.96
19	6916	153	424	7493	972	4655	0	3	5235	4886	-1649	16360	0	16360	3033	19393	49.97
20	6973	349	435	7757	753	4696	0	0	4348	4565	-1406	16365	0	16365	3025	19390	49.95
21	6965	1064	426	8455	578	4634	0	0	4276	4457	-1350	16774	0	16774	2960	19734	49.92
22	6987	1082	429	8498	518	4733	0	0	3953	4232	-1308	16673	0	16673	2891	19564	49.90
23	7060	1478	439	8977	424	4742	0	0	4119	4486	-1366	17263	0	17263	2912	20175	49.90
24	6952	1701	440	9093	497	4680	0	0	4599	4697	-1463	17504	0	17504	2972	20476	49.92
MUs	161.18	19.65	10.32	191.15	15.88	110.84	0.00	1.61	125.08	127.61	-31.38	415.71	0.07	415.78	69.43	485.21	49.93

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 23/May/2017

Position as on 6.30 Hrs of 24/May/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
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	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	RPL(AMT) U-5	270	15/04/2017	08.59		Continued.	Coal Shortage	
IPP	RPL(AMT) U-4	270	15/04/2017	12.08		Continued.	Coal Shortage	
CPP	SWPGL U-3	135	15/05/2017	02.43		Continued.	ID Fan Problem	
IPP	Adani U-4	660	21/05/2017	22.35		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 10	660	22/05/2017	15.30		Continued.	Coal bunkering problem	
MSPGCL	Chandrapur Unit 7	500	23/05/2017	04.31		Continued.	Turbine bearing Vabration high	
MSPGCL	Khaparkheda Unit 4	210	23/05/2017	06.31	23/05/2017	17.12	Turbine bearing Vabration high	
IPP	RPL(AMT) U-1	270	24/05/2017	03.27		Continued.	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/May/2017

Statement-VII

Position as on 6.30 Hrs of 24/May/2017

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 Hvd Pole 2	IntraState	23/05/2017	00.32	23/05/2017	06.59	PO	Insulator Replacement Work
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	23/05/2017	00.32	23/05/2017	08.24	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	23/05/2017	18.17	23/05/2017	18.57	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	22/05/2017	21.00	23/05/2017	08.16	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	23/05/2017	03.06	23/05/2017	17.20	T	Distance Protection
Ektuni-Bableshwar ckt I	IntraState	23/05/2017	07.31		Continued.	HT	Controlling 400KV Padgha-Bableshwar Line Loading.
New Koyna - Dabhol - li	IntraState	23/05/2017	07.54	23/05/2017	19.09	PO	Replacement Of Insulator String.
Koradi-Khaperkheda li	IntraState	23/05/2017	15.59	23/05/2017	22.14	PO	Relay Maintenance Work.
Bableshwar- Aurangabad (Waluj)	IntraState	23/05/2017	17.33	23/05/2017	21.26	EO	Line Maintenance work
Khadka-Aurangabad (Waluj)	IntraState	23/05/2017	21.59		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220KV 315MVA ICT3@Bhusawal II (khadaka)	IntraState	18/05/2017	11.04		Continued.	PO	Replacement Of B Phase Unit.
220 KV LINE Outages/Trippings							
Badnera - Deoli (PG)	InterState	23/05/2017	11.26	23/05/2017	Continued.	HT	Hand tripped at power grid end.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer 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 jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
New Koyna - Loteparshuram	IntraState	22/05/2017	08.58	23/05/2017	00.27	PO	Line Maintenance work
Badnera-Akola I	IntraState	23/05/2017	08.15	23/05/2017	13.21	PO	Attending Oil Leakage
V Warora - Waroralytss1	IntraState	23/05/2017	08.35	23/05/2017	10.18	PO	Testing Work
Jamde-Dondaicha 2	IntraState	23/05/2017	08.39	23/05/2017	15.21	PO	Replacement of R PH pilot string.
Nanded-Parbhani	IntraState	23/05/2017	09.06	23/05/2017	18.16	EO	Attending Hot Spot
Kalwa - Mulund 2	IntraState	23/05/2017	11.49	23/05/2017	16.36	T	Distance Protection
Nanded-Waghale II	IntraState	23/05/2017	13.39	23/05/2017	16.05	PO	stringing work
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(Now repaired and ready for commissioning)
220/132 Kv 100 Mva lbt Ptr @Old Gcr Parli	IntraState	23/05/2017	10.01	23/05/2017	13.38	EO	To attend Hot Spot
220/22 Kv 50 Mva Imp Ptr 2 @Airoli Knowledge Park	IntraState	23/05/2017	10.10	23/05/2017	13.18	PO	Oltc Work.
220/132 Kv 200 Mva Vijay Ict 2 @Malegaon	IntraState	23/05/2017	13.05	23/05/2017	17.04	PO	Diagnostic Testing Work.

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