

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/May/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	150.764	3337.350	1) Gujrat	-0.674	-70.098
2) Hydro	16.965	619.080	2) Madhya Pradesh	11.773	363.121
3) Gas	7.121	170.122	3) Chattisgarh	5.740	163.140
Total MSPGCL	174.850	4126.552	4) Maharashtra Net	124.256	3017.357
B) 1) APML	59.677	1040.738	5) Goa (Amona)	-0.110	-7.964
2) JSWEL	28.033	637.014	Total	140.985	3465.556
3) VIPL	7.482	125.878	a) Mumbai Schedule	29.947	674.250
4) RPL(AMT)	19.915	358.300	b) Mumbai Drawl	33.522	719.019
5) WPCL	4.786	95.825	c) MSEDCL Bilateral *	53.915	1051.764
6) PGPL	0.000	0.000	Include PX	14.979	252.685
7) Other IPP	15.744	241.100	d) Mumbai Bilateral *	29.947	673.985
C) 1) TPCL Thermal	16.763	383.177	Include PX	11.620	273.788
2) TPCL Hydro	5.860	118.779	Include Standby	0.000	0.265
3) TPCL Gas	2.501	59.666	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.848	270.034	1) MSEDCL	444.135	9970.755
D) STATE			2) Mumbai Discoms	70.494	1550.660
1) Thermal	315.012	6489.416	TOTAL STATE	514.629	11521.415
(A1+C1+C4+(B1-B6))					
2) Hydro	22.825	737.859			
(A2+C2)					
3) Gas	9.622	229.788			
(A3+B6+C3)					
4) Wind	21.095	460.757			
6) SOLAR	5.090	138.054			
TOTAL STATE	373.644	8055.874			

* 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	6283	6239	6213	6302
MSPGCL Hydro	290	1432	612	567
MSPGCL Gas	297	285	300	302
MSPGCL Total Generation	6870	7956	7125	7171
Central Sector Receipt	6752	6506	5237	5603
WIND	805	1129	1056	840
CPP / IPP Thermal	5605	5679	5677	5672
CPP / IPP Gas	0	0	0	0
SOLAR	708	258	0	0
Exchange with Mumbai	-1828	-1605	-1250	-1025
MSEDCL DEMAND MET	18912	19923	17845	18261
Load Shedding	0	0	0	0
MSEDCL DEMAND	18912	19923	17845	18261
TPCL GENERATION	1066	1298	1247	812
R-INFRA GENERATION	494	498	500	499
MUMBAI DEMAND	3388	3401	2997	2336
STATE DEMAND MET	22300	23324	20842	20597
STATE DEMAND	22300	23324	20842	20597
Frequency (Hz)	49.97	49.94	49.91	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 18.03 Hrs	49.7 Hz at 21.36 Hrs	49.94	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/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	9.18	189.05	400	346
Unit 9	9.26	202.83	402	350
Unit 10	9.11	189.80	401	336
Total	27.56	581.68		
Bhusawal				
Unit 3	0.00	79.04	0	0
Unit 4	10.60	204.72	495	390
Unit 5	10.47	232.20	495	380
Total	21.06	515.96		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.39	114.65	187	172
Unit 7	4.34	114.32	187	173
Unit 8	4.33	108.94	190	177
Total	13.06	337.91		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.10	233.46	470	452
Unit 6	0.00	0.00	0	0
Unit 7	10.66	184.16	456	435
Unit 8	10.78	222.31	460	434
Unit 9	11.04	223.05	475	436
Total	43.59	862.98		
Paras				
Unit 3	5.91	131.09	256	233
Unit 4	6.00	118.25	250	250
Total	11.91	249.34		
Khaparkheda				
Unit 1	3.38	83.66	155	115
Unit 2	3.71	90.22	165	140
Unit 3	3.77	90.85	167	149
Unit 4	3.72	89.62	160	145
Unit 5	10.21	238.26	430	415
Total	24.79	592.63		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.47	99.67	195	173
Unit 5	4.32	97.18	191	157
Total	8.80	196.85		
Uran				
All Units	7.12	170.12	305	284
Total	7.12	170.12		
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)	0.40	2.16	48	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.40	2.16		
Koyna				
Stage 1-2	5.92	156.92	540	40
Stage 4	6.72	304.69	1000	0
Stage 3	2.34	100.44	240	0
Total	14.99	562.06		
Hydro				
KDPH	0.35	15.35	15	14
VTRNA	0.00	0.00	0	0
TILLARI	0.18	2.81	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.39	6.68	80	0
RNGR+BHTSA	0.26	6.26	11	10
BHANDARDRA	0.51	11.29	45	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.29	8.32	20	9
GHATGHAR	0.00	6.32	0	0
Total	1.98	57.02		
Wind				
Total	21.10	460.76	0	0
Total	21.10	460.76		
CPP				
APML(Mus)	59.68	1040.74	0	0
JSWEL(Mus)	28.03	637.01	0	0
VIPL(Mus)	7.48	125.88	0	0
RPLAMT(Mus)	19.92	358.30	0	0
WPCL(Mus)	4.79	95.82	0	0
Other(Mus)	15.74	241.10	0	0
Total	135.64	2498.86		
SOLAR				
Total	5.09	138.05	0	0
Total	5.09	138.05		
Tata				
Trombay 5	11.08	253.71	477	339
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.43	33.97	80	45
Trombay 7B	1.07	25.70	53	36
Trombay 8	5.68	129.47	243	214
TATA Hydro	5.86	118.78	459	9
Total	25.12	561.62		
R-INFRA				
DTPS U-1&2	11.85	270.03	502	437
Total	11.85	270.03		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	150.76	3337.35	MSPGCL Total	174.85	4126.55
			MSPGCL Thml+Gas	157.88	3507.47	Koyna 1,2 & 4 Total	12.65	461.61
			MSPGCL Hydro	16.96	619.08	State Total	373.64	8055.87

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 23/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	6310	1494	301	8105	909	5677	0	0	5098	5148	-1306	18533	0	18533	2890	21423	49.86
2	6315	1469	292	8076	1032	5658	0	0	4988	5120	-1131	18755	0	18755	2664	21419	49.93
3	6285	1179	302	7766	779	5672	0	0	5321	5330	-1047	18500	0	18500	2497	20997	49.93
4	6306	740	303	7349	833	5639	0	0	5386	5427	-995	18253	0	18253	2381	20634	49.95
5	6302	567	302	7171	840	5672	0	0	5483	5603	-1025	18261	0	18261	2336	20597	49.96
6	6437	457	293	7187	797	5651	0	0	6125	6063	-1049	18649	0	18649	2353	21002	49.96
7	6491	314	305	7110	766	5675	0	33	6265	6329	-1022	18891	0	18891	2318	21209	49.99
8	6461	102	303	6866	874	5642	0	158	6202	5947	-1090	18397	0	18397	2404	20801	50.03
9	6439	85	301	6825	889	5609	0	298	6318	6096	-1427	18290	0	18290	2702	20992	49.98
10	6292	178	290	6760	875	5595	0	514	6423	6033	-1770	18007	0	18007	3022	21029	49.96
11	6274	210	300	6784	774	5544	0	569	6593	6465	-1794	18342	0	18342	3286	21628	49.96
12	6283	290	297	6870	805	5605	0	708	6888	6752	-1828	18912	0	18912	3388	22300	49.97
13	6248	314	285	6847	711	5647	0	706	6789	6753	-1762	18902	0	18902	3387	22289	49.89
14	6240	167	296	6703	741	5655	0	698	6802	7061	-1725	19133	0	19133	3311	22444	49.94
15	6216	955	284	7455	752	5630	0	592	6666	6587	-1615	19401	0	19401	3409	22810	49.91
16	6235	1365	296	7896	827	5659	0	432	6609	6668	-1638	19844	0	19844	3432	23276	49.93
17	6239	1432	285	7956	1129	5679	0	258	6534	6506	-1605	19923	0	19923	3401	23324	49.94
18	6257	702	297	7256	1252	5681	0	109	6211	6109	-1497	18910	0	18910	3277	22187	49.97
19	6280	382	300	6962	1357	5615	0	15	5424	5152	-1520	17581	0	17581	3075	20656	50.01
20	6267	544	288	7099	860	5626	0	0	5193	5420	-1437	17568	0	17568	3057	20625	49.90
21	6213	612	300	7125	1056	5677	0	0	5133	5237	-1250	17845	0	17845	2997	20842	49.91
22	6237	674	300	7211	620	5703	0	0	5118	5043	-1209	17368	0	17368	2927	20295	49.88
23	6087	1412	300	7799	695	5706	0	0	5219	5052	-1352	17900	0	17900	2963	20863	49.89
24	6050	1321	301	7672	922	5718	0	0	5249	5083	-1428	17967	0	17967	3017	20984	49.94
MUs	150.76	16.96	7.12	174.85	21.10	135.64	0.00	5.09	142.04	140.98	-33.52	444.13	0.00	444.13	70.49	514.63	49.94

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/2018

Position as on 6.30 Hrs of 24/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 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	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.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 23/May/2018

Statement-VII

Position as on 6.30 Hrs of 24/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	22/05/2018	18.15		Continued.	HT	Over Voltage
Main Bus-II @ Koradi	IntraState	23/05/2018	11.40	23/05/2018	16.10	PO	Routine Maintenance Work
Koradi-Khaparkheda I	IntraState	23/05/2018	17.20	23/05/2018	18.49	HT	29C Isolator Rotary switch damage
Koradi-Bhusawal	IntraState	24/05/2018	06.16		Continued.	PO	Insulator Replacement 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.
400/220KV 500MVA ICT 2@koradi 2	IntraState	22/05/2018	22.50	23/05/2018	02.23	T	NDR Operated
400/220/33kv, 500 MVA ICT-I @Khaparkheda	IntraState	23/05/2018	09.25	23/05/2018	13.56	T	Tripped while checking living Buchholz alarm faulty cable
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.
Solapur(PG)- Jeur	InterState	23/05/2018	11.07	23/05/2018	18.30	EO	String Replacement work
Badnera - Deoli (PG)	InterState	23/05/2018	21.42	23/05/2018	22.39	HT	H/T By WRLDC
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.
Jejuri- Ismt- Lonand	IntraState	23/05/2018	06.18	23/05/2018	07.14	T	B phase Metering PT Burst
Jejuri (400 Kv)- Baramati li	IntraState	23/05/2018	06.44	23/05/2018	07.06	T	Backup Protection
Kandalgaon - Sona Alloys	IntraState	23/05/2018	06.45	23/05/2018	07.03	T	Backup Protection
New Koyna - Niwali	IntraState	23/05/2018	08.14	23/05/2018	20.37	PO	Insulator Replacement Work
Dhule-Amalner(220kv)	IntraState	23/05/2018	10.30	23/05/2018	11.43	PO	Annual Maintenance Work
Nagothane - ACCIL	IntraState	23/05/2018	10.37	23/05/2018	20.00	EO	Earth Wire replacement work
Trombay-Salsette II	IntraState	23/05/2018	11.00	23/05/2018	16.21	PO	Tree Trimming work
Satana-Gangapur	IntraState	23/05/2018	13.19	23/05/2018	18.41	PO	Jumper Tightening work
Chakan-Bhosari	IntraState	23/05/2018	22.46	24/05/2018	00.34	EO	To attend Hot Spot
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		Continued.	PO	Bushing replacement.
220/132 Kv 200 Mva Emco Ict 2 @Ambazari	IntraState	23/05/2018	07.46	23/05/2018	12.50	PO	Diagnostic testing work
220/132 Kv 100 Mva Cgl Ict 1 @Bhugaon	IntraState	23/05/2018	09.20	23/05/2018	16.14	PO	Routine Maintenance Work
100 KV LINE Outages/Trippings							
Padghe - Bhiwandi 2	IntraState	23/05/2018	15.02	23/05/2018	15.31	T	Distance Protection

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