

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/May/2018 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	153.230	3186.586	1) Gujrat	-1.347	-69.424
2) Hydro	12.006	602.115	2) Madhya Pradesh	13.116	351.348
3) Gas	7.113	163.001	3) Chattisgarh	6.480	157.400
Total MSPGCL	172.349	3951.702	4) Maharashtra Net	131.076	2893.101
B) 1) APML	60.039	981.061	5) Goa (Amona)	-0.088	-7.854
2) JSWEL	27.542	608.981	Total	149.237	3324.571
3) VIPL	7.487	118.396	a) Mumbai Schedule	29.618	644.303
4) RPL(AMT)	19.985	338.385	b) Mumbai Drawl	33.785	685.497
5) WPCL	4.783	91.039	c) MSEDCL Bilateral *	55.772	997.849
6) PGPL	0.000	0.000	Include PX	18.582	237.706
7) Other IPP	15.559	225.356	d) Mumbai Bilateral *	29.618	644.038
C) 1) TPCL Thermal	16.251	366.414	Include PX	11.281	262.168
2) TPCL Hydro	6.431	112.919	Include Standby	0.000	0.265
3) TPCL Gas	2.435	57.165	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.573	258.186	1) MSEDCL	446.105	9526.620
D) STATE			2) Mumbai Discoms	70.475	1480.166
1) Thermal	316.449	6174.404	TOTAL STATE	516.580	11006.786
(A1+C1+C4+(B1-B6))					
2) Hydro	18.437	715.034			
(A2+C2)					
3) Gas	9.548	220.166			
(A3+B6+C3)					
4) Wind	17.940	439.662			
6) SOLAR	4.969	132.964			
TOTAL STATE	367.343	7682.230			

* 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 19 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6432	6384	6422	6290
MSPGCL Hydro	198	1461	355	89
MSPGCL Gas	285	297	298	306
MSPGCL Total Generation	6915	8142	7075	6685
Central Sector Receipt	7243	7136	5619	5683
WIND	339	754	1006	1033
CPP / IPP Thermal	5675	5595	5667	5622
CPP / IPP Gas	0	0	0	0
SOLAR	673	278	25	1
Exchange with Mumbai	-1789	-1683	-1310	-1267
MSEDCL DEMAND MET	19056	20222	18082	17757
Load Shedding	0	0	0	0
MSEDCL DEMAND	19056	20222	18082	17757
TPCL GENERATION	1115	1205	1261	662
R-INFRA GENERATION	496	499	500	386
MUMBAI DEMAND	3400	3387	3071	2315
STATE DEMAND MET	22456	23609	21153	20072
STATE DEMAND	22456	23609	21153	20072
Frequency (Hz)	49.94	49.89	49.94	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.1 Hz at 06.03 Hrs	49.64 Hz at 15.17 Hrs	49.91	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 22/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	9.09	179.87	405	320
Unit 9	9.28	193.57	437	351
Unit 10	9.28	180.69	402	350
Total	27.65	554.13		
Bhusawal				
Unit 3	0.00	79.04	0	0
Unit 4	11.21	194.12	485	420
Unit 5	11.60	221.73	500	465
Total	22.80	494.90		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.53	110.26	195	183
Unit 7	4.38	109.98	191	169
Unit 8	4.52	104.61	207	177
Total	13.43	324.85		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.13	222.36	471	445
Unit 6	0.00	0.00	0	0
Unit 7	10.58	173.50	452	420
Unit 8	10.52	211.52	450	410
Unit 9	10.86	212.00	470	429
Total	43.10	819.39		
Paras				
Unit 3	5.90	125.18	250	239
Unit 4	6.00	112.25	254	237
Total	11.90	237.43		
Khaparkheda				
Unit 1	3.56	80.28	160	110
Unit 2	3.81	86.52	160	150
Unit 3	3.92	87.08	165	157
Unit 4	3.82	85.90	165	155
Unit 5	10.96	228.06	480	410
Total	26.08	567.84		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.15	95.20	192	160
Unit 5	4.13	92.86	191	160
Total	8.28	188.06		
Uran				
All Units	7.11	163.00	308	283
Total	7.11	163.00		
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)	0.20	1.76	44	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.20	1.76		
Koyna				
Stage 1-2	4.30	151.00	495	40
Stage 4	4.08	297.96	830	0
Stage 3	1.97	98.10	240	0
Total	10.35	547.07		
Hydro				
KDPH	0.35	15.00	15	14
VTRNA	0.00	0.00	0	0
TILLARI	0.00	2.63	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	6.30	80	0
RNGR+BHTSA	0.26	6.00	11	10
BHANDARDRA	0.50	10.78	34	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.25	8.02	19	7
GHATGHAR	0.00	6.32	0	0
Total	1.66	55.05		
Wind				
Total	17.94	439.66	0	0
Total	17.94	439.66		
CPP				
APML(Mus)	60.04	981.06	0	0
JSWEL(Mus)	27.54	608.98	0	0
VIPL(Mus)	7.49	118.40	0	0
RPLAMT(Mus)	19.98	338.38	0	0
WPCL(Mus)	4.78	91.04	0	0
Other(Mus)	15.56	225.36	0	0
Total	135.40	2363.22		
SOLAR				
Total	4.97	132.96	0	0
Total	4.97	132.96		
Tata				
Trombay 5	10.58	242.62	478	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.38	32.54	59	56
Trombay 7B	1.06	24.62	45	43
Trombay 8	5.68	123.79	243	217
TATA Hydro	6.43	112.92	459	7
Total	25.12	536.50		
R-INFRA				
DTPS U-1&2	11.57	258.19	500	386
Total	11.57	258.19		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	153.23	3186.59	MSPGCL Total	172.35	3951.70
			MSPGCL Thml+Gas	160.34	3349.59	Koyna 1,2 & 4 Total	8.38	448.96
			MSPGCL Hydro	12.01	602.12	State Total	367.34	7682.23

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 22/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	6287	429	303	7019	892	5718	0	0	5770	5800	-1338	18091	0	18091	2908	20999	49.89
2	6283	758	294	7335	921	5729	0	0	5700	5761	-1270	18476	0	18476	2682	21158	49.96
3	6264	289	304	6857	1169	5684	0	0	5831	5493	-1144	18059	0	18059	2512	20571	49.95
4	6298	94	305	6697	1147	5609	0	0	6052	5480	-1195	17738	0	17738	2368	20106	49.93
5	6290	89	306	6685	1033	5622	0	1	6021	5683	-1267	17757	0	17757	2315	20072	49.98
6	6382	108	306	6796	888	5672	0	0	6506	6118	-1073	18401	0	18401	2351	20752	49.93
7	6472	89	308	6869	815	5666	0	28	6744	6496	-978	18896	0	18896	2291	21187	50.01
8	6455	84	304	6843	740	5524	0	124	6711	6558	-1254	18535	0	18535	2394	20929	49.99
9	6465	84	304	6853	626	5480	0	301	6651	6401	-1513	18148	0	18148	2689	20837	49.90
10	6450	128	288	6866	391	5605	0	468	6770	6711	-1608	18433	0	18433	3054	21487	49.91
11	6407	201	298	6906	308	5659	0	599	7098	6661	-1749	18384	0	18384	3310	21694	49.91
12	6432	198	285	6915	339	5675	0	673	7596	7243	-1789	19056	0	19056	3400	22456	49.94
13	6458	111	284	6853	459	5625	0	623	7625	7444	-1665	19339	0	19339	3401	22740	49.88
14	6482	242	293	7017	385	5569	0	698	7343	6970	-1593	19046	0	19046	3328	22374	49.89
15	6498	1045	284	7827	495	5615	0	583	7247	6973	-1691	19802	0	19802	3420	23222	49.79
16	6474	1342	283	8099	636	5617	0	443	7250	6854	-1723	19926	0	19926	3454	23380	49.83
17	6384	1461	297	8142	754	5595	0	278	7184	7136	-1683	20222	0	20222	3387	23609	49.89
18	6420	986	287	7693	972	5687	0	124	6749	6457	-1515	19418	0	19418	3259	22677	49.93
19	6422	355	298	7075	1006	5667	0	25	5713	5619	-1310	18082	0	18082	3071	21153	49.94
20	6366	741	289	7396	865	5697	0	1	5364	5320	-1269	18010	0	18010	3037	21047	49.84
21	6368	663	300	7331	834	5685	0	0	5353	5470	-1216	18104	0	18104	2982	21086	49.95
22	6402	458	302	7162	768	5663	0	0	5357	5504	-1217	17880	0	17880	2911	20791	49.90
23	6230	984	290	7504	719	5664	0	0	5469	5523	-1290	18120	0	18120	2938	21058	49.84
24	6241	1067	301	7609	778	5666	0	0	5401	5562	-1435	18180	0	18180	3013	21193	49.89
MUs	153.23	12.01	7.11	172.35	17.94	135.39	0.00	4.97	153.50	149.24	-33.79	446.10	0.00	446.10	70.47	516.58	49.91

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 22/May/2018

Position as on 6.30 Hrs of 23/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 22/May/2018

Statement-VII

Position as on 6.30 Hrs of 23/May/2018

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 HvdC Pole 1	IntraState	22/05/2018	11.25	22/05/2018	15.06	T	Tripped on line fault
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	21/05/2018	19.32	22/05/2018	05.52	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	22/05/2018	18.15		Continued.	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	22/05/2018	03.46	22/05/2018	06.00	T	Distance Protection
Koradi-India Bulls	IntraState	22/05/2018	08.37	22/05/2018	13.03	EO	LA 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.
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	22/05/2018	06.05	22/05/2018	09.00	PO	Annual Maintenance Work
400/220/33 kV 315 MVA ICT-I @Chandrapur	IntraState	22/05/2018	07.56	22/05/2018	20.34	PO	Attending Hot Spot
400/220KV 500MVA ICT 2@koradi 2	IntraState	22/05/2018	22.50	23/05/2018	02.23	T	NDR Operated
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.
Badnera - Deoli (PG)	InterState	22/05/2018	22.17	22/05/2018	22.30	HT	HT DUE TO OVERDRAWAL
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.
Nagothane-Wadkhal-I	IntraState	21/05/2018	13.59	22/05/2018	15.13	PO	ERECTION AND STRINGING WORK.
Mahad - Pedambe	IntraState	22/05/2018	08.27	22/05/2018	20.20	PO	Line Maintenance work
Bombay Dyeing - Sahara	IntraState	22/05/2018	10.13	22/05/2018	10.46	PO	Breaker replacment work outage is cancelled due increase load in 220kv chinchwad-urse line
Uran - Kharghar 2	IntraState	22/05/2018	11.30	22/05/2018	18.23	PO	Testing Work
Osmanabad - Solapur (Bale)	IntraState	22/05/2018	11.42	22/05/2018	15.28	PO	Tighttning of suspension clamp nut bolt
Satana-Gangapur	IntraState	22/05/2018	13.44	22/05/2018	18.56	PO	Line Maintenance 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(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.
220/33 Kv 100 Mva Alstom Ptr 1 @Valve	IntraState	22/05/2018	07.30	22/05/2018	13.50	PO	Premonsoon maintenance work
220/132 Kv 100 Mva Ict 2 @Paranda	IntraState	22/05/2018	08.35	22/05/2018	10.50	PO	Quarterly Maintainance Work
220/132 Kv 100 Mva Ict 1 @Yavatmal	IntraState	22/05/2018	08.47	22/05/2018	13.30	PO	Premonsoon maintenance work
220/100 Kv 100 Mva Emco Ict 1 @Tambati	IntraState	22/05/2018	11.24	22/05/2018	19.21	PO	Routine Maintenance Work
220/33 Kv 100 Mva Bbl Ptr 2 @Valve	IntraState	22/05/2018	13.55	22/05/2018	18.03	PO	Premonsoon maintenance work
220/100 kV 200 MVA ICT II @Padghe	IntraState	22/05/2018	14.25	22/05/2018	17.44	PO	Oil Top Up

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