

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/May/2019 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	158.438	3385.304	1) Gujrat	0.724	19.949
2) Hydro	36.499	802.082	2) Madhya Pradesh	8.741	231.427
3) Gas	6.795	148.105	3) Chattisgarh	3.360	87.350
Total MSPGCL	201.732	4335.491	4) Maharashtra	107.693	2547.893
B) 1) APMIL	74.728	1521.487	5) Goa (Amona)	-0.484	-10.428
2) JSWEL	23.030	519.092	Total	120.034	2876.191
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.469	617.230
4) RPL(AMT)	21.374	32.671	b) Mumbai Drawl	31.346	708.677
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	11.988	287.116
6) Other IPP	7.810	172.528	Include PX	-7.134	-138.265
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.469	617.230
C) 1) TPCL Thermal	16.494	293.870	Include PX	17.882	351.175
2) TPCL Hydro	6.009	100.882	Standby	0.000	0.000
3) TPCL Gas	4.353	94.964	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.907	217.013	1) MSEDCL	444.788	9434.693
D) STATE			2) Mumbai Discoms	69.109	1415.405
1) Thermal	312.781	6141.965	TOTAL STATE	513.897	10850.098
(A1+C1+C4+(B1-B6))					
2) Hydro	42.508	902.964			
(A2+C2)					
3) Gas	11.148	243.069			
(A3+B7+C3)					
4) Wind	20.258	530.072			
6) SOLAR	7.168	155.838			
TOTAL STATE	393.863	7973.908			

* 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 5 Hrs
MSPGCL Thermal	6626	6796	6547	6529
MSPGCL Hydro	1293	1547	1569	1303
MSPGCL Gas	278	278	284	288
MSPGCL Total Generation	8197	8621	8400	8120
Central Sector Receipt	6027	5972	4377	4379
WIND	454	580	1083	911
CPP / IPP Thermal	5109	5329	5607	5336
CPP / IPP Gas	0	0	0	0
SOLAR	941	804	0	0
Exchange with Mumbai	-1517	-1541	-1125	-960
MSEDCL DEMAND MET	19211	19765	18342	17786
Load Shedding	0	0	0	0
MSEDCL DEMAND	19211	19765	18342	17786
TPCL GENERATION	1350	1336	1291	914
AEML GENERATION	496	497	497	391
MUMBAI DEMAND	3363	3374	2913	2265
STATE DEMAND MET	22574	23139	21255	20051
STATE DEMAND	22574	23139	21255	20051
Frequency (Hz)	49.99	50.00	49.97	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 19:05 Hrs	49.83 Hz at 02:12 Hrs	50	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/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.65	44.31	170	135
Unit 7	0.00	0.00	0	0
Unit 8	8.63	226.19	426	278
Unit 9	10.48	202.40	492	350
Unit 10	8.86	234.68	455	305
Total	31.62	707.58		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	6.13	203.83	400	0
Unit 5	10.50	230.73	505	355
Total	16.63	434.56		
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	4.54	81.43	195	169
Unit 4	4.14	90.88	180	160
Unit 5	9.98	149.97	430	365
Unit 6	10.64	228.16	465	370
Unit 7	10.08	215.42	441	375
Unit 8	11.26	236.54	490	360
Unit 9	10.86	222.90	471	360
Total	61.50	1225.30		
Paras				
Unit 3	6.00	127.16	258	207
Unit 4	5.94	127.37	255	200
Total	11.94	254.52		
Khaparkheda				
Unit 1	3.21	61.68	145	110
Unit 2	3.25	74.12	140	125
Unit 3	3.30	79.24	152	130
Unit 4	3.27	79.63	145	125
Unit 5	11.17	241.58	495	445
Total	24.20	536.24		
Nasik				
Unit 3	4.47	38.58	201	162
Unit 4	3.73	95.28	210	0
Unit 5	4.34	93.24	200	162
Total	12.54	227.11		
Uran				
All Units	6.80	148.10	300	266
Total	6.80	148.10		
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	5.32	151.56	505	60
Stage 4	21.78	445.10	1000	685
Stage 3	6.12	131.00	320	234
Total	33.21	727.66		
Hydro				
KDPH	0.50	14.49	22	11
VTRNA	1.00	18.09	60	0
TILLARI	0.00	6.60	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	5.27	40	0
RNGR+BHTSA	0.23	5.44	10	9
BHANDARDRA	0.00	2.36	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.20	6.93	9	8
GHATGHAR	1.09	15.25	125	0
Total	3.29	74.42		
Wind				
Total	20.26	530.07	0	0
Total	20.26	530.07		
CPP				
APML(Mus)	74.73	1521.49	0	0
JSWEL(Mus)	23.03	519.09	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	21.37	32.67	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	7.81	172.53	0	0
Total	126.94	2245.78		
SOLAR				
Total	7.17	155.84	0	0
Total	7.17	155.84		
Tata				
Trombay 5	11.09	195.27	485	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	60.54	116	115
Trombay 7B	1.57	34.43	66	65
Trombay 8	5.41	98.60	231	200
TATA Hydro	6.01	100.88	459	0
Total	26.86	489.72		
AEML				
DTPS U-1&2	10.91	217.01	499	373
Total	10.91	217.01		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	158.44	3385.30	MSPGCL Total	201.73	4335.49
			MSPGCL Thml+Gas	165.23	3533.41	Koyna 1,2 & 4 Total	27.09	596.66
			MSPGCL Hydro	36.50	802.08	State Total	393.86	7973.91

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/May/2019

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	6804	1430	285	8519	1402	5547	0	0	4831	4582	-1645	18405	0	18405	2824	21229	49.99
2	6695	1492	288	8475	1192	5335	0	0	4585	4576	-1514	18064	0	18064	2600	20664	50.01
3	6733	1819	285	8837	917	5353	0	0	4165	4015	-1314	17808	0	17808	2433	20241	49.92
4	6796	1323	288	8407	917	5531	0	0	4140	4002	-968	17889	0	17889	2334	20223	49.98
5	6529	1303	288	8120	911	5336	0	0	4319	4379	-960	17786	0	17786	2265	20051	50.01
6	6551	1308	289	8148	950	5261	0	0	4985	4597	-905	18051	0	18051	2304	20355	50.02
7	6632	1342	300	8274	852	5134	0	54	5117	4995	-962	18347	0	18347	2249	20596	50.00
8	6288	1238	288	7814	779	4872	0	240	5141	5365	-1102	17968	0	17968	2365	20333	50.03
9	6219	1315	286	7820	722	4734	0	487	5347	5243	-1309	17697	0	17697	2647	20344	50.05
10	6406	1488	274	8168	629	4778	0	729	5590	5713	-1396	18621	0	18621	2973	21594	50.02
11	6619	1119	281	8019	515	4958	0	873	5788	5680	-1458	18587	0	18587	3240	21827	50.03
12	6626	1293	278	8197	454	5109	0	941	6028	6027	-1517	19211	0	19211	3363	22574	49.99
13	6583	1622	277	8482	458	5154	0	932	5906	5829	-1497	19358	0	19358	3344	22702	49.96
14	6658	1625	266	8549	487	5178	0	912	5863	5746	-1451	19421	0	19421	3289	22710	49.99
15	6796	1547	278	8621	580	5329	0	804	6075	5972	-1541	19765	0	19765	3374	23139	50.00
16	6885	1800	276	8961	602	5313	0	602	6135	5826	-1580	19724	0	19724	3414	23138	49.96
17	6849	1730	279	8858	703	5218	0	395	5747	5733	-1496	19411	0	19411	3336	22747	49.91
18	6575	1987	270	8832	766	5353	0	172	5281	5011	-1408	18726	0	18726	3216	21942	50.02
19	6556	1754	283	8593	821	5502	0	27	4539	4558	-1318	18183	0	18183	3010	21193	50.06
20	6562	1568	285	8415	1082	5510	0	0	4619	4323	-1140	18190	0	18190	2977	21167	50.03
21	6547	1569	284	8400	1083	5607	0	0	4374	4377	-1125	18342	0	18342	2913	21255	49.97
22	6593	1615	285	8493	1156	5629	0	0	4315	4155	-1138	18295	0	18295	2858	21153	49.95
23	6472	1524	296	8292	1201	5627	0	0	4792	4627	-1250	18497	0	18497	2869	21366	50.00
24	6464	1688	286	8438	1079	5574	0	0	5006	4703	-1352	18442	0	18442	2912	21354	49.98
MUs	158.44	36.50	6.79	201.73	20.26	126.94	0.00	7.17	122.69	120.03	-31.35	444.79	0.00	444.79	69.11	513.90	50.00

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/2019

Position as on 6.30 Hrs of 23/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 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	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		Continued.	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	
IPP	RPL(AMT) U-2	270	24/04/2019	00.00	23/05/2019	02.43	Zero Schedule	
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	Nasik Unit 4	210	22/05/2019	10.24	22/05/2019	13.49	Turbine Tripped	
IPP	JSW (J) U4	300	22/05/2019	14.51		Continued.	ACW Leakage	
MSPGCL	Bhusawal Unit 4	500	22/05/2019	16.42		Continued.	Steam Leakage	
MSPGCL	Koyna Unit 10	80	23/05/2019	01.00	23/05/2019	02.00	Auxiliary supply failure	
MSPGCL	Koyna Unit 12	80	23/05/2019	01.00	23/05/2019	01.25	Auxiliary supply failure	
MSPGCL	Koyna Unit 9	80	23/05/2019	01.00	23/05/2019	01.40	Auxiliary supply failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/May/2019

Statement-VII

Position as on 6.30 Hrs of 23/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
Dabhol Newkoyna li	InterState	22/05/2019	02.12	22/05/2019	10.35	T	Distance Protection, R PH Zone 2 57.14KM.
Khadka-Aurangabad (Waluj)	IntraState	21/05/2019	19.11	22/05/2019	06.56	HT	Over Voltage
N.Koyna-Karad -Ckt II	IntraState	21/05/2019	23:01	22/05/2019	00:01	T	Distance Protection Zone I
Padghe - Kalwa-II	IntraState	22/05/2019	01.31	22/05/2019	21.45	T	Distance Protection,Zone1 RY PH 14.51KM Conductor Snapping.
Kalwa - Talegaon(PG)	IntraState	22/05/2019	01.36		Continued.	T	Distance Protection,Zone 1 32.4km R PH 06.07KA
Nagothane - Dabhol I	IntraState	22/05/2019	04.20	22/05/2019	05.04	T	Distance Protection, Tripped At Dabhol End.
Deepnagar Waluj 1	IntraState	22/05/2019	06.46	22/05/2019	19.12	PO	Repl.of Dead end and Mid Span Joint
Girwali-Solapur (Lamboti)	IntraState	22/05/2019	10.11	22/05/2019	19.05	PO	Hardware Tightening and Fitting
Kalwa - Kharghar	IntraState	22/05/2019	16.16	23/05/2019	02.10	HT	Shifting from A Bus to B Bus (due to A Bus outage at Kharghar)
Main Bus A @Kharghar	IntraState	22/05/2019	16.16	23/05/2019	01.43	PO	R Phase damaged PG isolator
Khadka-Aurangabad (Waluj)	IntraState	22/05/2019	19.18	23/05/2019	06.34	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.
400/220kv, 500 Mva ICT-1 @Deepnagar	IntraState	22/05/2019	07.56	22/05/2019	14.15	PO	Pre Monsoon Maint.work
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	22/05/2019	09.28	22/05/2019	22.31	HT	To control L/L of Kalwa-Padgha-I
400/220/33 Kv 315 Mva Ict- 2 @Kharghar	IntraState	22/05/2019	15.08	23/05/2019	02.32	PO	Shifting from A Bus to B Bus (due to A Bus outage at Kharghar)
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.
Khaparkheda-Butibori 3	InterState	22/05/2019	09.11	22/05/2019	14.45	PO	Line Maintenance work
Mahalakshmi Amona	InterState	22/05/2019	17.42	22/05/2019	18.52	T	Distance Protection
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.
Niwali - Pawas Line	IntraState	22/05/2019	04.55	22/05/2019	15.34	T	Distance Protection,Zone 1 49.07KM.
Gadchandur - Grace	IntraState	22/05/2019	06.53	22/05/2019	12.57	PO	Line Maintenance work
Ambazari-Kalmeshwar	IntraState	22/05/2019	08.22	22/05/2019	10.06	PO	For Meggaring of R Phase LA
Malinagar - Tembhurni	IntraState	22/05/2019	10.20	22/05/2019	16.20	PO	Quarterly Maintenance Work
Parli(U-VIII) GCR CKT	IntraState	22/05/2019	11.55	22/05/2019	16.17	PO	CT Leakage
Butibori - Khaperkheda	IntraState	22/05/2019	15.01	22/05/2019	17.36	EO	To attend Hot Spot
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.

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 22/May/2019

Statement-VII

Position as on 6.30 Hrs of 23/May/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132Kv 200MVA ICT-I @ Chikhali	IntraState	20/05/2019	08.08		Continued.	PO	Pre Mponsoon Maint.and Testing work
200/132KV 100MVA ICT-1@Butibori	IntraState	22/05/2019	07.04	22/05/2019	09.34	PO	Pre Monsoon Maint.work
220/33kv 100 MVA Transformer 1 @Aarey R/S	IntraState	22/05/2019	08.59	23/05/2019	00.05	PO	Pre Monsoon Maint.work
220/132 kV 100 MVA ICT II @ Butibori	IntraState	22/05/2019	09.41	22/05/2019	12.07	PO	Pre Monsoon Maint.work
220/33 Kv 100 Mva Alstom Ptr 1 @Valve	IntraState	22/05/2019	10.00		Continued.	PO	OLTC Overhauling work
220/132-110kv 100mva Ptr 2 @Oglewadi	IntraState	22/05/2019	10.08	22/05/2019	14.00	PO	Pre Monsoon Maint.work
220/132 Kv 200 Mva Ict - 1 @Harangul	IntraState	22/05/2019	17.02	22/05/2019	22.15	PO	Testing Work
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	07/03/2019	15.40		Continued.	HT	Hand trip From Pench end for system requirement.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.

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