

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/May/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	114.830	1771.161	1) Gujrat	-2.906	-28.693
2) Hydro	35.403	337.215	2) Madhya Pradesh	10.918	161.884
3) Gas	9.913	134.183	3) Chattisgarh	6.540	79.450
Total MSPGCL	160.146	2242.559	4) Maharashtra	151.235	1934.720
B) 1) APML	55.698	967.570	5) Goa (Amona)	-1.256	-25.598
2) JSWEL	21.123	256.454	Total	164.531	2121.763
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.772	342.120
4) RPL(AMT)	31.303	427.267	b) Mumbai Drawl	18.662	315.844
5) SWPGPL	2.796	98.057	c) MSEDCL Bilateral *	49.243	503.340
6) Other IPP	12.908	196.764	Include PX	20.037	68.674
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.772	342.120
C) 1) TPCL Thermal	16.834	210.948	Include PX	13.241	137.553
2) TPCL Hydro	4.440	58.010	Standby	0.000	0.000
3) TPCL Gas	4.369	59.883	H) ENERGY CATERED (MUs)		
4) AEML Thermal	12.025	155.774	1) MSEDCL	446.966	6270.127
D) STATE			2) Mumbai Discoms	56.330	800.460
1) Thermal	267.517	4083.995	TOTAL STATE	503.296	7070.587
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	39.843	395.225			
3) Gas (A3+B7+C3)	14.282	194.066			
4) Wind	9.227	172.776			
6) SOLAR	7.896	102.761			
TOTAL STATE	338.765	4948.823			

* 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 16 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4825	4806	4828	4756
MSPGCL Hydro	1442	1758	1726	1572
MSPGCL Gas	408	407	400	427
MSPGCL Total Generation	6676	6970	6954	6756
Central Sector Receipt	7768	7614	5807	6335
WIND	86	210	626	549
CPP / IPP Thermal	5329	5327	4747	5350
CPP / IPP Gas	0	0	0	0
SOLAR	1111	623	0	0
Exchange with Mumbai	-892	-883	-706	-749
MSEDCL DEMAND MET	20078	19862	17428	18240
Load Shedding	0	0	0	0
MSEDCL DEMAND	20078	19862	17428	18240
TPCL GENERATION	1125	1212	1179	869
AEML GENERATION	500	500	502	501
MUMBAI DEMAND	2517	2595	2387	2119
STATE DEMAND MET	22594	22456	19816	20360
STATE DEMAND	22594	22456	19816	20360
Frequency (Hz)	50.04	50.02	50.00	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 18:03 Hrs	49.74 Hz at 05:12 Hrs	49.98	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 14/May/2021

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	8.40	165.47	446	290
Unit 9	7.96	87.20	390	300
Unit 10	8.06	146.21	350	330
Total	24.42	398.87		
Bhusawal				
Unit 3	0.00	13.68	0	0
Unit 4	0.00	145.85	0	0
Unit 5	11.86	161.35	500	490
Total	11.86	320.88		
Parli				
Unit 6	0.00	17.62	0	0
Unit 7	0.00	24.02	0	0
Unit 8	0.00	26.80	0	0
Total	0.00	68.44		
Chandrapur				
Unit 3	3.60	32.99	163	130
Unit 4	0.00	0.00	0	0
Unit 5	9.94	82.95	430	405
Unit 6	9.57	133.17	410	380
Unit 7	0.00	0.00	0	0
Unit 8	7.04	110.98	360	279
Unit 9	7.00	109.04	350	273
Total	37.14	469.13		
Paras				
Unit 3	5.38	67.25	235	210
Unit 4	4.72	77.23	240	115
Total	10.10	144.48		
Khaparkheda				
Unit 1	2.64	36.20	125	80
Unit 2	0.00	0.00	0	0
Unit 3	3.74	53.95	175	48
Unit 4	4.07	37.66	175	160
Unit 5	11.78	120.21	500	475
Total	22.24	248.01		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.46	60.76	198	150
Unit 5	4.62	60.59	198	186
Total	9.07	121.35		
Uran				
All Units	9.91	134.18	436	394
Total	9.91	134.18		
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)	0.27	2.64	23	0
Total	0.27	2.64		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.85	69.55	480	35
Stage 4	16.74	125.44	1020	0
Stage 3	5.66	43.02	240	208
Total	28.26	238.01		
Hydro				
KDPH	0.73	10.81	31	31
VTRNA	0.80	12.63	59	0
TILLARI	0.52	6.82	58	0
BHIRA T.R.	0.29	3.22	80	0
SMLHY_PTN	4.45	62.29	197	168
GHATGHAR	0.36	3.43	250	0
Total	7.15	99.20		
Wind				
Total	9.23	172.78	0	0
Total	9.23	172.78		
CPP				
APML(Mus)	55.70	967.57	0	0
JSWEL(Mus)	21.12	256.45	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.30	427.27	0	0
SWPGPL-Mus	2.80	98.06	0	0
Other(Mus)	12.91	196.76	0	0
Total	123.83	1946.11		
SOLAR				
Total	7.90	102.76	0	0
Total	7.90	102.76		
Tata				
Trombay 5	11.33	139.86	483	457
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.79	38.10	117	114
Trombay 7B	1.58	21.78	66	65
Trombay 8	5.50	71.09	231	226
TATA Hydro	4.44	58.01	338	0
Total	25.64	328.84		
AEMIL				
DTPS U-1&2	12.02	155.77	503	500
Total	12.02	155.77		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	114.83	1771.16	MSPGCL Total	160.15	2242.56
			MSPGCL Thml+Gas	124.74	1905.34	Koyna 1,2 & 4 Total	22.59	194.99
			MSPGCL Hydro	35.40	337.22	State Total	338.76	4948.82

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/May/2021

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	4667	1774	426	6866	643	5327	0	0	6694	6665	-953	18548	0	18548	2512	21060	50.02
2	4707	1610	436	6754	572	5361	0	0	6573	6451	-850	18288	0	18288	2358	20646	49.98
3	4721	1598	415	6734	564	5320	0	0	6489	6369	-779	18208	0	18208	2221	20430	49.91
4	4756	1572	427	6756	549	5350	0	0	6409	6335	-749	18240	0	18240	2119	20360	49.98
5	4784	1726	416	6926	524	5337	0	0	6429	6656	-699	18744	0	18744	2069	20812	49.87
6	4802	1702	426	6930	416	5326	0	0	7128	7534	-665	19540	0	19540	2056	21596	49.89
7	4764	1580	426	6770	310	5249	0	70	8151	8172	-607	19964	0	19964	2004	21968	49.96
8	4714	1228	414	6356	215	5275	0	279	8124	8039	-642	19522	0	19522	2054	21576	50.01
9	4776	1610	414	6800	143	5295	0	569	7294	7053	-748	19112	0	19112	2214	21326	50.06
10	4813	962	431	6206	94	5290	0	832	7713	7438	-860	19000	0	19000	2368	21368	50.02
11	4813	928	400	6142	80	5355	0	1019	8053	7873	-940	19528	0	19528	2478	22006	50.06
12	4825	1442	408	6676	86	5329	0	1111	7831	7768	-892	20078	0	20078	2517	22594	50.04
13	4812	1376	394	6582	117	5351	0	987	7795	7362	-843	19556	0	19556	2520	22076	50.00
14	4803	1306	396	6506	152	5321	0	932	7643	7204	-806	19308	0	19308	2499	21808	49.99
15	4828	1572	404	6804	192	5278	0	886	7774	7289	-848	19602	0	19602	2562	22164	49.92
16	4806	1758	407	6970	210	5327	0	623	7785	7614	-883	19862	0	19862	2595	22456	50.02
17	4749	1740	398	6886	314	5323	0	392	7256	6768	-809	18874	0	18874	2509	21384	50.02
18	4739	1356	399	6494	365	4990	0	176	6728	6331	-658	17698	0	17698	2362	20060	49.99
19	4757	1038	420	6214	427	4765	0	20	5844	5606	-571	16462	0	16462	2208	18670	50.02
20	4744	1090	412	6246	573	4762	0	0	6104	5792	-652	16720	0	16720	2282	19002	49.95
21	4781	1170	411	6362	706	4742	0	0	5704	5573	-659	16724	0	16724	2314	19038	49.96
22	4828	1726	400	6954	626	4747	0	0	5852	5807	-706	17428	0	17428	2387	19816	50.00
23	4910	1904	421	7234	671	4683	0	0	6359	6398	-843	18144	0	18144	2499	20642	49.95
24	4931	1634	412	6976	678	4725	0	0	6768	6434	-1000	17814	0	17814	2623	20436	49.94
MUs	114.83	35.40	9.91	160.15	9.23	123.83	0.00	7.90	168.50	164.53	-18.66	446.97	0.00	446.97	56.33	503.30	49.98

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 14/May/2021

Position as on 6.30 Hrs of 15/May/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Chandrapur Unit 4	210	16/03/2021	08.08		Continued.	Boiler Tube Leakage(converted to Capital overhaul)	
MSPGCL	Koyna Unit 6	80	22/04/2021	12.00		Continued.	UGC Oil Cooler Leakage.(Converted to Capital Overhaul from 08.00Hrs DT.23-4-2021)	21/06/2021
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage. (NO PPA From 20.05.2019)	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal shortage.(NO PPA From 20.05.2019)	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 21-01-2021).	
MSPGCL	Koyna Unit 11	80	19/01/2021	10.05		Continued.	Tripped on stator earth fault (will not be available till dt.24.05.21)	
MSPGCL	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Earth Fault.	
IPP	JSW (J) U4	300	11/04/2021	03.02		Continued.	NO SCHEDULE.	
MSPGCL	Khaparkheda Unit 2	210	15/04/2021	16.54		Continued.	Critical coal stock position	
MSPGCL	Koradi Unit 6	210	27/04/2021	19.59		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 6	250	04/05/2021	20.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 3	210	04/05/2021	20.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 7	250	05/05/2021	19.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	06/05/2021	19.45		Continued.	Zero Schedule	
IPP	SWPGPL U-3	135	11/05/2021	18.00		Continued.	Zero schedule	
IPP	SWPGPL U-4	135	11/05/2021	18.30		Continued.	Zero schedule	
IPP	Adani U-2	660	12/05/2021	22.35		Continued.	Air Preheater Bellow Leakage.	
MSPGCL	Khaparkheda Unit 3	210	13/05/2021	00.04	14/05/2021	00.03	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 4	500	13/05/2021	17.11		Continued.	Boiler Tube Leakage	
IPP	Adani U-3	660	14/05/2021	17.29		Continued.	Low furnace pressure	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 14/May/2021

Statement-VII

Position as on 6.30 Hrs of 15/May/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi-III - Akola-II ckt-I	IntraState	14/05/2021	11.45	14/05/2021	13.29	EO	clamp 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 I	InterState	13/05/2021	20.45		Continued.	HT	Over Voltage(RFC 16.00)
Babhleshwar - RIPL(Nashik)	IntraState	18/03/2021	15.48		Continued.	PO	Hot spot attending.
Khadka-Aurangabad (Waluj)	IntraState	13/05/2021	21.26	14/05/2021	05.56	HT	Over Voltage
Padghe - Nagothane - I	IntraState	14/05/2021	08.33	14/05/2021	20.28	PO	chemical washing of insulator.
Khadka-Aurangabad (Waluj)	IntraState	14/05/2021	20.00	15/05/2021	06.25	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement of existing 315 MVA ICT by 3*167 MVA ICT.
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	14/05/2021	10.23	14/05/2021	13.28	PO	Half yearly maintenance work
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
Mahalakshmi Amona	InterState	14/05/2021	21.35	14/05/2021	23.48	T	Distance Protection
Nalasopara-Boisar	IntraState	13/05/2021	23.58	14/05/2021	19.50	T	Distance Protection
Cable Borivli Aarey 1	IntraState	14/05/2021	08.47	14/05/2021	18.27	PO	Attending OFC/DTS unhealthy core rectification along the Cable route.
Cable Borivli Aarey 2	IntraState	14/05/2021	08.47	14/05/2021	20.21	PO	Attending OFC/DTS unhealthy core rectification along the Cable route.
Bhandara-Sunflag 2	IntraState	14/05/2021	10.34	14/05/2021	17.10	EO	Attending Hot Spot
Deepnagar Bambhori	IntraState	14/05/2021	12.24	14/05/2021	15.43	EO	Flashover Disc Replacement Work.
Lamboti - Solapur li(Bale) Ckt- I	IntraState	14/05/2021	15.58	14/05/2021	19.13	EO	For line synchronize.
Nagothane - Ipcl	IntraState	15/05/2021	02.49		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/110 Kv 200 MVA ICT-III @Kolhapur-II (Mudshingi)	IntraState	14/05/2021	10.20	14/05/2021	15.35	PO	Pre monsoon maint. Work.

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