

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Apr/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	151.839	1939.452	1) Gujrat	-0.212	20.459
2) Hydro	10.101	321.366	2) Madhya Pradesh	13.617	203.143
3) Gas	6.826	75.666	3) Chattisgarh	3.970	53.400
Total MSPGCL	168.766	2336.484	4) Maharashtra	154.618	1999.148
B) 1) APLM	70.343	808.405	5) Goa (Amona)	-1.229	-16.433
2) JSWEL	12.870	172.073	Total	170.764	2259.717
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.502	311.515
4) RPL(AMT)	28.144	404.174	b) Mumbai Drawl	30.430	303.244
5) SWPGPL	6.726	114.616	c) MSEDCL Bilateral *	45.396	650.704
6) Other IPP	18.422	293.765	Include PX	18.188	259.379
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.502	311.401
C) 1) TPCL Thermal	11.501	201.828	Include PX	4.418	76.375
2) TPCL Hydro	2.435	39.513	Standby	0.000	0.114
3) TPCL Gas	2.625	38.229	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.614	151.776	1) MSEDCL	461.882	6357.477
D) STATE			2) Mumbai Discoms	57.605	734.592
1) Thermal	310.459	4086.089	TOTAL STATE	519.487	7092.069
(A1+C1+C4+(B1-B6))					
2) Hydro	12.536	360.879			
(A2+C2)					
3) Gas	9.451	113.895			
(A3+B7+C3)					
4) Wind	9.450	170.207			
6) SOLAR	6.827	101.280			
TOTAL STATE	348.723	4832.350			

* 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 13 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6382	6392	6492	6063
MSPGCL Hydro	480	502	465	263
MSPGCL Gas	272	282	297	277
MSPGCL Total Generation	7134	7176	7254	6603
Central Sector Receipt	8419	8351	5758	6645
WIND	122	115	675	366
CPP / IPP Thermal	5856	5789	5248	6092
CPP / IPP Gas	0	0	0	0
SOLAR	1050	1027	0	0
Exchange with Mumbai	-1385	-1433	-1403	-1246
MSEDCL DEMAND MET	21196	21025	17532	18460
Load Shedding	0	0	0	0
MSEDCL DEMAND	21196	21025	17532	18460
TPCL GENERATION	685	680	716	529
AEML GENERATION	500	501	401	285
MUMBAI DEMAND	2570	2614	2520	2060
STATE DEMAND MET	23766	23639	20052	20520
STATE DEMAND	23766	23639	20052	20520
Frequency (Hz)	50.00	49.97	50.00	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 08.00 Hrs	49.8 Hz at 06.12 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 13/Apr/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.24	9.16	150	120
Unit 7	2.86	25.65	131	100
Unit 8	7.71	140.01	422	243
Unit 9	7.11	120.08	316	220
Unit 10	6.47	55.58	310	212
Total	27.37	350.48		
Bhusawal				
Unit 3	1.95	32.49	160	0
Unit 4	11.33	118.80	485	455
Unit 5	11.78	152.40	500	470
Total	25.06	303.69		
Parli				
Unit 6	5.27	71.31	250	201
Unit 7	5.10	73.93	248	194
Unit 8	5.03	64.45	222	195
Total	15.39	209.70		
Chandrapur				
Unit 3	3.50	12.88	150	133
Unit 4	0.00	0.00	0	0
Unit 5	10.28	124.30	438	420
Unit 6	9.26	120.34	403	355
Unit 7	0.00	0.00	0	0
Unit 8	11.65	152.04	495	468
Unit 9	10.95	142.77	469	441
Total	45.64	552.34		
Paras				
Unit 3	4.79	68.20	220	62
Unit 4	5.87	71.01	256	214
Total	10.66	139.21		
Khaparkheda				
Unit 1	2.88	36.24	130	110
Unit 2	2.91	36.80	130	110
Unit 3	3.57	46.76	174	140
Unit 4	3.36	43.48	155	130
Unit 5	9.00	119.73	420	340
Total	21.72	283.00		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.48	48.39	199	124
Unit 5	2.53	52.64	138	0
Total	6.01	101.03		
Uran				
All Units	6.83	75.67	300	262
Total	6.83	75.67		
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)	0.09	0.59	21	0
Total	0.09	0.59		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.72	71.54	370	40
Stage 4	0.91	113.20	585	0
Stage 3	0.84	40.31	140	0
Total	3.46	225.05		
Hydro				
KDPH	0.86	11.23	36	36
VTRNA	1.00	12.20	60	0
TILLARI	0.46	4.82	58	0
BHIRA T.R.	0.12	1.90	60	0
SMLHY_PTN	4.19	63.51	193	159
GHATGHAR	0.00	2.65	0	0
Total	6.64	96.31		
Wind				
Total	9.45	170.21	0	0
Total	9.45	170.21		
CPP				
APML(Mus)	70.34	808.40	0	0
JSWEL(Mus)	12.87	172.07	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	28.14	404.17	0	0
SWPGPL-Mus	6.73	114.62	0	0
Other(Mus)	18.42	293.76	0	0
Total	136.50	1793.03		
SOLAR				
Total	6.83	101.28	0	0
Total	6.83	101.28		
Tata				
Trombay 5	7.70	133.10	484	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.48	22.40	64	60
Trombay 7B	1.14	15.83	49	46
Trombay 8	3.80	68.73	234	138
TATA Hydro	2.44	39.51	256	0
Total	16.56	279.57		
AEML				
DTPS U-1&2	10.61	151.78	502	284
Total	10.61	151.78		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	151.84	1939.45	MSPGCL Total	168.77	2336.48
			MSPGCL Thml+Gas	158.66	2015.12	Koyna 1,2 & 4 Total	2.63	184.74
			MSPGCL Hydro	10.10	321.37	State Total	348.72	4832.35

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 13/Apr/2021

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	5930	567	296	6793	386	6233	0	0	7104	7035	-1113	19334	0	19334	2515	21849	50.00
2	6006	353	287	6646	375	6258	0	0	7110	6862	-1025	19116	0	19116	2344	21460	50.00
3	6075	332	297	6704	342	6218	0	0	7006	6762	-1197	18829	0	18829	2175	21004	49.99
4	6063	263	277	6603	366	6092	0	0	7043	6645	-1246	18460	0	18460	2060	20520	49.99
5	6069	264	297	6630	345	6036	0	0	7274	7044	-1189	18866	0	18866	2003	20869	49.98
6	6191	285	288	6764	196	6125	0	0	7638	7551	-1046	19590	0	19590	2032	21622	50.00
7	6240	1191	300	7731	143	6179	0	29	7615	7529	-724	20887	0	20887	2025	22912	49.99
8	6304	546	288	7138	162	6183	0	198	8009	7893	-858	20716	0	20716	2050	22766	50.02
9	6290	515	286	7091	138	6120	0	446	8035	7641	-1331	20105	0	20105	2171	22276	50.04
10	6298	519	285	7102	146	6071	0	742	7963	7904	-1469	20496	0	20496	2341	22837	49.98
11	6379	498	284	7161	139	6158	0	903	8413	8093	-1386	21068	0	21068	2505	23573	50.02
12	6382	480	272	7134	122	5856	0	1050	8923	8419	-1385	21196	0	21196	2570	23766	50.00
13	6392	502	282	7176	115	5789	0	1027	8485	8351	-1433	21025	0	21025	2614	23639	49.97
14	6412	412	262	7086	323	5937	0	883	8145	8097	-1441	20885	0	20885	2583	23468	49.98
15	6503	367	271	7141	348	5949	0	702	8496	7827	-1473	20494	0	20494	2635	23129	49.93
16	6535	373	282	7190	503	5221	0	476	8702	7903	-1457	19836	0	19836	2631	22467	50.02
17	6402	333	273	7008	686	4722	0	276	7630	7406	-1366	18732	0	18732	2574	21306	49.98
18	6363	324	283	6970	569	4626	0	91	6528	6498	-1307	17447	0	17447	2496	19943	50.01
19	6489	314	275	7078	507	4633	0	4	5798	5789	-1244	16767	0	16767	2453	19220	50.00
20	6540	302	295	7137	933	4667	0	0	5880	5817	-1238	17316	0	17316	2524	19840	50.03
21	6438	302	276	7016	582	4651	0	0	5747	6046	-1329	16966	0	16966	2502	19468	50.02
22	6492	465	297	7254	675	5248	0	0	5899	5758	-1403	17532	0	17532	2520	20052	50.00
23	6525	294	286	7105	662	5820	0	0	6240	5965	-1439	18113	0	18113	2608	20721	50.01
24	6521	300	287	7108	687	5713	0	0	6352	5929	-1331	18106	0	18106	2674	20780	50.01
MUs	151.84	10.10	6.83	168.77	9.45	136.50	0.00	6.83	176.04	170.76	-30.43	461.88	0.00	461.88	57.60	519.49	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 13/Apr/2021

Position as on 6.30 Hrs of 14/Apr/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)	
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
PGPL	PGPL U1	262	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	Koyana Unit 11	80	19/01/2021	10.05		Continued.	Tripped on stator earth fault (will not be available till dt.18.04.21)	
IPP	JSW (J) U1	300	01/02/2021	18.00		Continued.	Due to turbine vibration high	
MSPGCL	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Earth Fault.	
MSPGCL	Uran Unit 5	108	02/04/2021	23.19		Continued.	Gas shortage	
IPP	JSW (J) U4	300	11/04/2021	03.02		Continued.	NO SCHEDULE.	
MSPGCL	Bhusawal Unit 3	210	11/04/2021	04.08	13/04/2021	06.43	Boiler Tube Leakage	
MSPGCL	Nasik Unit 5	210	11/04/2021	23.10	13/04/2021	01.30	Foreign Material Observed In Impeller Of ID A.	
MSPGCL	Koyana STG-IV Unit-1	250	12/04/2021	10.10		Continued.	Outage For Turbine Guide Bearing Oil Temperature RTD Sensor Work.	
MSPGCL	Koyana STG-IV Unit-4	250	12/04/2021	15.39	13/04/2021	03.40	Tripped due To Voltage Jerk.	
MSPGCL	Paras Unit 3	250	12/04/2021	15.40	13/04/2021	00.15	Due To Clinker Formation.	
IPP	SWPGPL U-2	135	13/04/2021	12.15		Continued.	Conveyor Belt Problem.	
MSPGCL	Ghatghar Unit-2	125	14/04/2021	00.00		Continued.	Maintenance work	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 14/Apr/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							
Ektuni - Akola II Ckt I	IntraState	06/04/2021	06.46		Continued.	PO	Nagpur-Mumbai Express Highway Work.
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	07/04/2021	13.27	14/04/2021	01.30	EO	H/T at Padghe end
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	12/04/2021	18.38	13/04/2021	08.07	HT	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	18/03/2021	15.48		Continued.	EO	Attending Hot Spot
Girwali-Solapur (Lamboti)	IntraState	12/04/2021	18.46	13/04/2021	09.52	T	Distance Protection
Deepnagar Waluj 1	IntraState	12/04/2021	19.16	13/04/2021	05.10	T	Distance Protection
New Koyna - Dabhol-I	IntraState	13/04/2021	09.50	13/04/2021	20.29	PO	Cold Washing & E/W Replacement Work.
Girwali- Lonikand 2	IntraState	13/04/2021	16.42	13/04/2021	18.50	T	Distance Protection
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 315 Mva Ict 2 @Koradi	IntraState	13/04/2021	09.43	13/04/2021	17.20	PO	To Attend Oil Leakage From Radiator By Agency.
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)
PARLY (PG) - OLD GCR PARLI	InterState	13/04/2021	14.10	13/04/2021	18.11	T	Distance Protection
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	25/03/2021	10.28		Continued.	PO	Railway crossing tower erection work
Hinganghat - Bhugaon	IntraState	09/04/2021	13.49		Continued.	PO	Work of diversion from LOC 226 to 235 of 220KV wardha-warora & bhugaon hinganghat D/C line being carried out by VIDC under supervision of MSETCL.
Warora - Wardha	IntraState	09/04/2021	14.03		Continued.	PO	Work of diversion from LOC 226 to 235 of 220KV Wardha-Warora & Bhugaon-Hinganghat
Uran - Apta III	IntraState	10/04/2021	18.55	13/04/2021	00.23	EO	Tan Delta Measurment of CTs
Chikhli-Jalna-I	IntraState	11/04/2021	21.20	13/04/2021	08.16	HT	To Control Akola ICT Loading.
Chikhli-Jalna-II	IntraState	11/04/2021	21.20	13/04/2021	08.16	HT	To Control Akola ICT Loading.
KORADI 2 - KAULEWADA CKT - I	IntraState	12/04/2021	17.16	13/04/2021	04.44	T	Distance Protection
Kharghar-Borivali ckt I	IntraState	12/04/2021	18.44		Continued.	T	Distance Protection
Karad - Vita Ckt- II	IntraState	13/04/2021	09.46	13/04/2021	17.59	EO	Emergency String Replacement And Insulator Washing Work.
Kharghar-Borivali ckt I	IntraState	13/04/2021	10.01	13/04/2021	15.00	PO	For Replacement Of STUB Bus Twin Jumper Due To Broken Conductor strands.
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Bbl Ict 3 @Padegaon	IntraState	13/04/2021	14.57	13/04/2021	15.09	T	LV Backup Protection Operated.

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