

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Apr/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	150.158	763.219	1) Gujrat	1.729	8.837
2) Hydro	23.884	122.878	2) Madhya Pradesh	16.407	79.753
3) Gas	5.627	21.046	3) Chattisgarh	4.260	19.240
Total MSPGCL	179.669	907.143	4) Maharashtra	156.233	756.869
B) 1) APML	60.023	300.332	5) Goa (Amona)	-1.730	-6.708
2) JSWEL	12.695	60.826	Total	176.899	857.991
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.494	126.313
4) RPL(AMT)	31.372	156.747	b) Mumbai Drawl	23.563	115.192
5) SWPGPL	9.106	45.229	c) MSEDCL Bilateral *	55.616	220.940
6) Other IPP	23.919	118.312	Include PX	21.980	66.562
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.494	126.313
C) 1) TPCL Thermal	16.776	82.864	Include PX	8.672	36.391
2) TPCL Hydro	2.863	11.420	Standby	0.000	0.000
3) TPCL Gas	3.562	15.295	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.988	59.472	1) MSEDCL	497.401	2461.033
D) STATE			2) Mumbai Discoms	58.754	284.245
1) Thermal	316.037	1587.001	TOTAL STATE	556.155	2745.278
(A1+C1+C4+(B1-B6))					
2) Hydro	26.747	134.298			
(A2+C2)					
3) Gas	9.189	36.341			
(A3+B7+C3)					
4) Wind	18.205	84.860			
6) SOLAR	9.076	44.785			
TOTAL STATE	379.254	1887.285			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6099	6226	6337	6302
MSPGCL Hydro	907	1022	1629	364
MSPGCL Gas	275	273	265	159
MSPGCL Total Generation	7281	7521	8231	6825
Central Sector Receipt	9221	8948	5880	6570
WIND	611	352	686	1170
CPP / IPP Thermal	5670	5671	5714	5723
CPP / IPP Gas	0	0	0	0
SOLAR	1200	1051	0	0
Exchange with Mumbai	-1324	-1274	-974	-680
MSEDCL DEMAND MET	22659	22269	19537	19608
Load Shedding	0	0	0	0
MSEDCL DEMAND	22659	22269	19537	19608
TPCL GENERATION	1129	1086	1086	719
AEML GENERATION	502	499	500	499
MUMBAI DEMAND	2955	2859	2560	1898
STATE DEMAND MET	25614	25128	22097	21506
STATE DEMAND	25614	25128	22097	21506
Frequency (Hz)	49.93	49.90	49.90	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 10.01 Hrs	49.7 Hz at 16.15 Hrs	49.95	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 05/Apr/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	5.42	0	0
Unit 7	3.25	15.00	144	126
Unit 8	8.40	59.13	434	308
Unit 9	8.79	44.76	420	285
Unit 10	0.00	0.00	0	0
Total	20.44	124.31		
Bhusawal				
Unit 3	3.76	8.24	185	0
Unit 4	11.40	58.48	500	430
Unit 5	11.60	58.34	500	450
Total	26.77	125.06		
Parli				
Unit 6	5.88	28.08	250	243
Unit 7	5.81	28.92	248	234
Unit 8	5.28	24.54	241	206
Total	16.98	81.53		
Chandrapur				
Unit 3	1.54	8.95	152	0
Unit 4	0.00	0.00	0	0
Unit 5	10.29	43.29	435	419
Unit 6	8.89	46.93	405	315
Unit 7	0.00	0.00	0	0
Unit 8	11.74	58.35	510	460
Unit 9	11.14	55.85	478	442
Total	43.59	213.38		
Paras				
Unit 3	5.35	28.59	235	158
Unit 4	5.89	28.78	252	238
Total	11.24	57.37		
Khaparkheda				
Unit 1	2.88	14.90	125	90
Unit 2	2.74	15.26	130	100
Unit 3	3.40	19.20	150	140
Unit 4	3.58	18.68	155	138
Unit 5	9.30	46.81	400	355
Total	21.89	114.86		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.61	23.41	198	169
Unit 5	4.63	23.30	204	152
Total	9.24	46.71		
Uran				
All Units	5.63	21.05	287	148
Total	5.63	21.05		
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)	0.02	0.20	13	0
Total	0.02	0.20		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	6.15	29.34	550	40
Stage 4	7.24	41.46	1005	0
Stage 3	3.07	15.34	240	80
Total	16.46	86.13		
Hydro				
KDPH	0.86	4.32	36	36
VTRNA	0.96	3.91	60	0
TILLARI	0.46	2.20	58	0
BHIRA T.R.	0.08	0.58	47	0
SMLHY_PTN	4.86	24.23	213	189
GHATGHAR	0.20	1.50	125	0
Total	7.43	36.75		
Wind				
Total	18.20	84.86	0	0
Total	18.20	84.86		
CPP				
APML(Mus)	60.02	300.33	0	0
JSWEL(Mus)	12.70	60.83	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.37	156.75	0	0
SWPGPL-Mus	9.11	45.23	0	0
Other(Mus)	23.92	118.31	0	0
Total	137.12	681.45		
SOLAR				
Total	9.08	44.78	0	0
Total	9.08	44.78		
Tata				
Trombay 5	11.29	55.31	487	375
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.17	9.11	116	63
Trombay 7B	1.39	6.18	66	50
Trombay 8	5.48	27.55	238	182
TATA Hydro	2.86	11.42	294	0
Total	23.20	109.58		
AEML				
DTPS U-1&2	11.99	59.47	502	498
Total	11.99	59.47		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	150.16	763.22	MSPGCL Total	179.67	907.14
			MSPGCL Thml+Gas	155.78	784.26	Koyna 1,2 & 4 Total	13.39	70.79
			MSPGCL Hydro	23.88	122.88	State Total	379.25	1887.28

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/Apr/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	6068	932	158	7158	1213	5773	0	0	6891	6577	-898	19823	0	19823	2299	22122	49.98
2	6238	486	148	6872	1187	5750	0	0	6871	6581	-731	19659	0	19659	2131	21790	49.95
3	6258	361	148	6767	1346	5700	0	0	6908	6648	-704	19757	0	19757	1992	21749	49.94
4	6302	364	159	6825	1170	5723	0	0	6753	6570	-680	19608	0	19608	1898	21506	49.96
5	6270	364	157	6791	1077	5716	0	0	7039	6918	-662	19840	0	19840	1878	21718	49.94
6	6325	396	169	6890	1093	5759	0	0	7446	7223	-604	20361	0	20361	1926	22287	49.98
7	6315	944	188	7447	945	5755	0	24	7642	7732	-628	21275	0	21275	1967	23242	49.97
8	6350	684	217	7251	654	5735	0	263	7909	8272	-752	21423	0	21423	2090	23513	50.05
9	6339	726	226	7291	650	5709	0	576	7903	8036	-967	21295	0	21295	2360	23655	49.97
10	6282	932	217	7431	866	5723	0	911	8271	8346	-1150	22127	0	22127	2648	24775	49.98
11	6204	547	235	6986	785	5677	0	1098	8856	8952	-1288	22210	0	22210	2868	25078	50.00
12	6099	907	275	7281	611	5670	0	1200	9171	9221	-1324	22659	0	22659	2955	25614	49.93
13	6160	824	286	7270	391	5688	0	1240	9271	8915	-1306	22198	0	22198	2929	25127	49.96
14	6205	595	273	7073	265	5704	0	1185	8950	9032	-1230	22029	0	22029	2821	24850	50.01
15	6226	1022	273	7521	352	5671	0	1051	8912	8948	-1274	22269	0	22269	2859	25128	49.90
16	6223	1330	274	7827	364	5648	0	810	8821	8586	-1286	21949	0	21949	2869	24818	49.92
17	6268	1889	283	8440	383	5689	0	503	7783	7750	-1219	21546	0	21546	2826	24372	49.91
18	6292	1778	275	8345	424	5704	0	198	6555	6692	-1145	20218	0	20218	2737	22955	50.00
19	6335	1210	275	7820	470	5690	0	17	6274	6018	-1027	18988	0	18988	2608	21596	49.87
20	6337	1629	265	8231	686	5714	0	0	6155	5880	-974	19537	0	19537	2560	22097	49.90
21	6270	867	286	7423	749	5716	0	0	6057	5964	-844	19008	0	19008	2398	21406	49.99
22	6268	1295	276	7839	788	5735	0	0	6023	5811	-860	19313	0	19313	2353	21666	49.91
23	6274	1778	277	8329	863	5726	0	0	6102	6247	-982	20183	0	20183	2376	22559	49.92
24	6250	2024	287	8561	873	5740	0	0	6137	5980	-1028	20126	0	20126	2404	22530	49.89
MUs	150.16	23.88	5.63	179.67	18.21	137.12	0.00	9.08	178.70	176.90	-23.56	497.40	0.00	497.40	58.75	556.15	49.95

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 05/Apr/2021

Position as on 6.30 Hrs of 06/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 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	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.	
IPP	Adani U-2	660	04/03/2021	00.10		Continued.	Increase Hydrogen Consumption	
IPP	JSW (J) U2	300	26/03/2021	01.13		Continued.	No Schedule	
MSPGCL	Koradi Unit 10	660	31/03/2021	23.48		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 6	108	01/04/2021	11.05	05/04/2021	04.36	Gas shortage	
MSPGCL	Koradi Unit 6	210	02/04/2021	12.19		Continued.	Fire in boiler electric board.	
MSPGCL	Uran Unit 5	108	02/04/2021	23.19		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	02/04/2021	23.19		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 3	210	04/04/2021	12.26	05/04/2021	01.20	Cooling water level down.	
MSPGCL	Chandrapur Unit 3	210	05/04/2021	10.43		Continued.	ID Fan Bearing Temperature High.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 06/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.
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	04/04/2021	18.03	05/04/2021	06.57	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	05/04/2021	20.23		Continued.	HT	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	18/03/2021	15.48		Continued.	EO	Attending Hot Spot
Chandrapur - Khaperkheda	IntraState	05/04/2021	14.41	05/04/2021	15.34	T	Distance Protection
Chandrapur - Parli	IntraState	05/04/2021	15.27	05/04/2021	18.09	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.
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)
Kharghar-Borivali ckt II	IntraState	25/03/2021	10.01		Continued.	PO	For Overhauling circuit breaker mechanism of 220kv Borivali 2 line.
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	25/03/2021	10.28		Continued.	PO	Railway crossing tower erection work
Trombay - Kalwa	IntraState	01/04/2021	08.53		Continued.	PO	Replacement of conductor in between Loc. No. 56 to 58
Kamba - Kolshet	IntraState	05/04/2021	09.05	05/04/2021	11.11	PO	Online Stringing Of OPGW Cable On 200KV Kamba Kolshet Line.
Dahanu Ghodbunder Line 2	IntraState	05/04/2021	09.29	05/04/2021	17.20	PO	Replacement Of Doors Of CB Mechanism And Marshalling Box.
Versova Gorai Line	IntraState	05/04/2021	09.47		Continued.	PO	220KV Circuit Breaker (352) Operating Mechanism Overhauling Work At Vorsova-Gorai Line.
Tambati - Adlabs	IntraState	05/04/2021	13.24	05/04/2021	17.32	PO	Testing Of CB By Agency & Testing Team.
Talandage(400kv) - Five Star Midc	IntraState	05/04/2021	15.42	05/04/2021	18.48	PO	For Replacement Of Back Relay Of 220KV Talangade Ckt.I At 200Kv Five Star Midc S/Stn.

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