

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Apr/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	153.998	307.348	1) Gujrat	1.696	2.466
2) Hydro	26.201	47.916	2) Madhya Pradesh	15.964	29.514
3) Gas	3.610	8.226	3) Chattisgarh	3.610	7.340
Total MSPGCL	183.809	363.490	4) Maharashtra	149.682	302.724
B) 1) APLM	59.985	119.997	5) Goa (Amona)	-1.256	-2.595
2) JSWEL	11.967	23.321	Total	169.696	339.449
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.290	52.934
4) RPL(AMT)	31.406	62.751	b) Mumbai Drawl	23.889	50.099
5) SWPGPL	9.098	17.974	c) MSEDCL Bilateral *	36.136	68.718
6) Other IPP	23.021	47.231	Include PX	5.816	10.343
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.290	52.934
C) 1) TPCL Thermal	16.397	32.435	Include PX	6.104	13.378
2) TPCL Hydro	2.318	5.928	Standby	0.000	0.000
3) TPCL Gas	2.724	5.015	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.644	23.652	1) MSEDCL	489.437	976.857
D) STATE			2) Mumbai Discoms	56.972	117.129
1) Thermal	317.516	634.709	TOTAL STATE	546.409	1093.986
(A1+C1+C4+(B1-B6))					
2) Hydro	28.519	53.844			
(A2+C2)					
3) Gas	6.334	13.241			
(A3+B7+C3)					
4) Wind	16.545	36.274			
6) SOLAR	7.799	16.469			
TOTAL STATE	376.713	754.537			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6501	6348	6429	6500
MSPGCL Hydro	1341	1518	1147	262
MSPGCL Gas	128	136	213	141
MSPGCL Total Generation	7970	8002	7789	6903
Central Sector Receipt	8365	8193	6259	6633
WIND	132	168	771	1433
CPP / IPP Thermal	5638	5640	5732	5547
CPP / IPP Gas	0	0	0	0
SOLAR	1021	1085	1	0
Exchange with Mumbai	-1197	-1195	-1100	-1124
MSEDCL DEMAND MET	21929	21893	19452	19392
Load Shedding	0	0	0	0
MSEDCL DEMAND	21929	21893	19452	19392
TPCL GENERATION	1034	1029	946	530
AEML GENERATION	500	501	501	286
MUMBAI DEMAND	2731	2725	2547	1940
STATE DEMAND MET	24660	24618	21999	21332
STATE DEMAND	24660	24618	21999	21332
Frequency (Hz)	49.96	49.93	49.97	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 06.03 Hrs	49.77 Hz at 20.49 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 02/Apr/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	1.75	5.42	165	0
Unit 7	3.08	6.39	139	119
Unit 8	12.52	25.82	611	410
Unit 9	9.01	17.99	470	222
Unit 10	0.00	0.00	0	0
Total	26.37	55.62		
Bhusawal				
Unit 3	0.00	4.17	0	0
Unit 4	11.48	23.32	500	420
Unit 5	11.83	23.55	500	485
Total	23.30	51.04		
Parli				
Unit 6	5.96	10.29	250	246
Unit 7	5.81	11.70	248	234
Unit 8	5.38	10.64	230	219
Total	17.15	32.63		
Chandrapur				
Unit 3	0.12	0.12	55	0
Unit 4	0.00	0.00	0	0
Unit 5	9.51	12.86	405	375
Unit 6	9.42	19.12	425	339
Unit 7	0.00	0.00	0	0
Unit 8	11.67	23.52	496	460
Unit 9	10.92	22.08	475	430
Total	41.64	77.70		
Paras				
Unit 3	5.99	11.67	258	226
Unit 4	6.02	11.98	255	242
Total	12.01	23.65		
Khaparkheda				
Unit 1	3.03	6.20	145	100
Unit 2	3.19	6.46	150	95
Unit 3	4.60	8.60	205	140
Unit 4	4.06	8.11	185	130
Unit 5	9.12	18.73	420	335
Total	24.01	48.10		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.76	9.32	200	196
Unit 5	4.76	9.29	201	192
Total	9.52	18.61		
Uran				
All Units	3.61	8.23	232	126
Total	3.61	8.23		
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	0.05	13	0
Total	0.02	0.05		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.48	10.66	520	45
Stage 4	10.52	16.50	1000	0
Stage 3	3.30	5.58	240	0
Total	19.30	32.74		
Hydro				
KDPH	0.86	1.73	36	36
VTRNA	0.72	1.65	60	0
TILLARI	0.46	0.85	58	0
BHIRA T.R.	0.16	0.32	80	0
SMLHY_PTN	4.69	9.77	211	181
GHATGHAR	0.00	0.85	0	0
Total	6.90	15.17		
Wind				
Total	16.54	36.27	0	0
Total	16.54	36.27		
CPP				
APML(Mus)	59.98	120.00	0	0
JSWEL(Mus)	11.97	23.32	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.41	62.75	0	0
SWPGPL-Mus	9.10	17.97	0	0
Other(Mus)	23.02	47.23	0	0
Total	135.48	271.27		
SOLAR				
Total	7.80	16.47	0	0
Total	7.80	16.47		
Tata				
Trombay 5	10.89	21.48	483	302
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.60	2.87	117	49
Trombay 7B	1.12	2.14	66	40
Trombay 8	5.51	10.96	238	139
TATA Hydro	2.32	5.93	267	1
Total	21.44	43.38		
AEMIL				
DTPS U-1&2	11.64	23.65	503	286
Total	11.64	23.65		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	154.00	307.35	MSPGCL Total	183.81	363.49
			MSPGCL Thml+Gas	157.61	315.57	Koyna 1,2 & 4 Total	16.00	27.16
			MSPGCL Hydro	26.20	47.92	State Total	376.71	754.54

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	6626	718	140	7484	1435	5578	0	0	6462	6330	-1069	19758	0	19758	2371	22129	50.00
2	6550	605	131	7286	1437	5527	0	0	6401	6219	-893	19576	0	19576	2199	21775	50.00
3	6524	264	131	6919	1414	5514	0	0	6399	6423	-844	19426	0	19426	2049	21475	50.02
4	6500	262	141	6903	1433	5547	0	0	6448	6633	-1124	19392	0	19392	1940	21332	50.03
5	6462	273	132	6867	1329	5612	0	0	6524	6619	-910	19517	0	19517	1906	21423	50.00
6	6491	772	141	7404	1256	5589	0	0	6762	6943	-672	20520	0	20520	1966	22486	49.97
7	6599	1205	132	7936	1033	5625	0	27	7451	7429	-662	21388	0	21388	1969	23357	49.98
8	6545	984	142	7671	648	5604	0	211	7632	7661	-730	21065	0	21065	2037	23102	50.00
9	6569	1160	131	7860	398	5640	0	530	7363	7425	-878	20975	0	20975	2210	23185	49.94
10	6539	1468	129	8136	294	5642	0	794	7403	7445	-996	21315	0	21315	2433	23748	49.99
11	6540	1469	139	8148	201	5658	0	932	8059	8038	-1143	21834	0	21834	2653	24487	50.01
12	6501	1341	128	7970	132	5638	0	1021	8592	8365	-1197	21929	0	21929	2731	24660	49.96
13	6348	1518	136	8002	168	5640	0	1085	8280	8193	-1195	21893	0	21893	2725	24618	49.93
14	6335	1522	126	7983	233	5643	0	970	7896	7721	-1108	21442	0	21442	2607	24049	50.00
15	6243	1234	126	7603	254	5611	0	901	8314	8164	-1125	21408	0	21408	2647	24055	49.94
16	6267	1438	127	7832	295	5646	0	708	8065	8287	-1130	21638	0	21638	2683	24321	49.97
17	6203	1569	150	7922	331	5659	0	446	7741	7596	-1137	20817	0	20817	2665	23482	50.02
18	6267	1480	132	7879	373	5661	0	161	6786	6798	-1082	19790	0	19790	2601	22391	50.00
19	6310	889	156	7355	565	5688	0	12	6370	6189	-1059	18750	0	18750	2539	21289	49.97
20	6429	1147	213	7789	771	5732	0	1	6238	6259	-1100	19452	0	19452	2547	21999	49.97
21	6415	491	215	7121	668	5755	0	0	6042	5928	-926	18546	0	18546	2399	20945	49.99
22	6309	934	211	7454	710	5767	0	0	6039	6018	-900	19049	0	19049	2343	21392	49.88
23	6217	1573	232	8022	695	5769	0	0	6079	6441	-960	19967	0	19967	2360	22327	49.98
24	6209	1885	169	8263	472	5732	0	0	6132	6572	-1049	19990	0	19990	2392	22382	49.92
MUs	154.00	26.20	3.61	183.81	16.54	135.48	0.00	7.80	169.48	169.70	-23.89	489.44	0.00	489.44	56.97	546.41	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 02/Apr/2021

Position as on 6.30 Hrs of 03/Apr/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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.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	
MSPGCL	Chandrapur Unit 4	210	16/03/2021	08.08		Continued.	Boiler Tube Leakage(CONVERTED TO COH 16/04/2021)	
MSPGCL	Uran Unit B0	120	20/03/2021	00.03	02/04/2021	22.17	Gas shortage	
MSPGCL	Uran Unit 8	108	20/03/2021	00.05	02/04/2021	16.19	Gas shortage	
IPP	JSW (J) U2	300	26/03/2021	01.13		Continued.	No Schedule	
MSPGCL	Chandrapur Unit 3	210	29/03/2021	11.15	02/04/2021	20.30	Boiler Tube Leakage	
MSPGCL	Koradi Unit 10	660	31/03/2021	23.48		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 6	108	01/04/2021	11.05		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 3	210	02/04/2021	00.02		Continued.	Outage for feedline leakage.	
MSPGCL	Koradi Unit 6	210	02/04/2021	12.19		Continued.	Fire in boiler electric board.	
MSPGCL	Uran Unit 8	108	02/04/2021	17.09	02/04/2021	17.58	Damper discrepancy.	
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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 03/Apr/2021

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 2	IntraState	02/04/2021	20.37	03/04/2021	06.25	EO	Urgent oil top up in the pole-2 smoothing reactor.
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
Akola Aurangabad(PG) I	InterState	18/03/2021	12.13	03/04/2021	01.04	PO	SAMRUDHI MAHAMARG PROJECT WORK.
Akola Aurangabad(PG) II	InterState	18/03/2021	14.34	03/04/2021	02.28	PO	SAMRUDHI MAHAMARG PROJECT WORK.
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	18/03/2021	15.48		Continued.	EO	Attending Hot Spot
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 Kv 500 MVA ICT-IV @Kalwa	IntraState	01/04/2021	10.31		Continued.	PO	Hot Line Washing of Insulators
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)
Mudshingi - Chikodi	InterState	02/04/2021	06.08	02/04/2021	15.15	T	Distance Protection
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
Pedambe-Pophali	IntraState	02/04/2021	08.20	02/04/2021	18.15	PO	For bay R/M work.
Apta - Kalwa1	IntraState	02/04/2021	09.24	02/04/2021	19.36	PO	Disc Insulator Replacement Work
220 KV ICT Outages/Trippings							
220/100 Kv 100 Mva Vijai Ict 1 @Jambhul	IntraState	02/04/2021	09.55	02/04/2021	19.38	PO	Replacement of 220Kv Bushing of B ph due to oil leakage problem.
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	02/04/2021	10.01	02/04/2021	19.53	PO	R&M and Relay Testing Work.
220/132kv 200mva Vijai Ptr 1 @Lonand	IntraState	02/04/2021	12.35	02/04/2021	20.30	PO	HV main bus isolator alignment work.

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