

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Apr/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	153.350	153.350	1) Gujrat	0.770	0.770
2) Hydro	21.715	21.715	2) Madhya Pradesh	13.550	13.550
3) Gas	4.616	4.616	3) Chattisgarh	3.730	3.730
Total MSPGCL	179.681	179.681	4) Maharashtra	153.042	153.042
B) 1) APLM	60.012	60.012	5) Goa (Amona)	-1.339	-1.339
2) JSWEL	11.354	11.354	Total	169.753	169.753
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.643	26.643
4) RPL(AMT)	31.345	31.345	b) Mumbai Drawl	26.210	26.210
5) SWPGPL	8.876	8.876	c) MSEDCL Bilateral *	32.582	32.582
6) Other IPP	24.210	24.210	Include PX	4.527	4.527
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.643	26.643
C) 1) TPCL Thermal	16.038	16.038	Include PX	7.274	7.274
2) TPCL Hydro	3.610	3.610	Standby	0.000	0.000
3) TPCL Gas	2.291	2.291	H) ENERGY CATERED (MUs)		
4) AEML Thermal	12.008	12.008	1) MSEDCL	487.420	487.420
D) STATE			2) Mumbai Discoms	60.157	60.157
1) Thermal	317.193	317.193	TOTAL STATE	547.577	547.577
(A1+C1+C4+(B1-B6))					
2) Hydro	25.325	25.325			
(A2+C2)					
3) Gas	6.907	6.907			
(A3+B7+C3)					
4) Wind	19.729	19.729			
6) SOLAR	8.670	8.670			
TOTAL STATE	377.824	377.824			

* 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	6340	6451	6679	6044
MSPGCL Hydro	1391	1352	425	333
MSPGCL Gas	125	136	140	281
MSPGCL Total Generation	7856	7939	7244	6658
Central Sector Receipt	8332	8025	6407	6508
WIND	277	360	1199	1019
CPP / IPP Thermal	5661	5655	5745	5629
CPP / IPP Gas	0	0	0	0
SOLAR	1129	1150	0	0
Exchange with Mumbai	-1392	-1376	-1167	-660
MSEDCL DEMAND MET	21863	21753	19428	19154
Load Shedding	0	0	0	0
MSEDCL DEMAND	21863	21753	19428	19154
TPCL GENERATION	1067	1067	984	826
AEML GENERATION	500	500	502	499
MUMBAI DEMAND	2959	2943	2653	1985
STATE DEMAND MET	24822	24696	22081	21139
STATE DEMAND	24822	24696	22081	21139
Frequency (Hz)	49.93	49.98	50.01	49.87

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 10:00 Hrs	49.71 Hz at 03:13 Hrs	49.96	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 01/Apr/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.67	3.67	170	130
Unit 7	3.31	3.31	146	129
Unit 8	13.30	13.30	597	460
Unit 9	8.98	8.98	460	300
Unit 10	0.00	0.00	0	0
Total	29.25	29.25		
Bhusawal				
Unit 3	4.17	4.17	180	140
Unit 4	11.84	11.84	500	480
Unit 5	11.72	11.72	500	460
Total	27.73	27.73		
Parli				
Unit 6	4.33	4.33	250	114
Unit 7	5.89	5.89	252	195
Unit 8	5.27	5.27	225	215
Total	15.48	15.48		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.36	3.36	382	0
Unit 6	9.70	9.70	415	340
Unit 7	0.00	0.00	0	0
Unit 8	11.85	11.85	500	474
Unit 9	11.16	11.16	493	439
Total	36.06	36.06		
Paras				
Unit 3	5.68	5.68	250	198
Unit 4	5.96	5.96	256	239
Total	11.64	11.64		
Khaparkheda				
Unit 1	3.18	3.18	150	120
Unit 2	3.26	3.26	160	90
Unit 3	4.00	4.00	190	144
Unit 4	4.05	4.05	200	130
Unit 5	9.60	9.60	440	355
Total	24.09	24.09		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.56	4.56	202	125
Unit 5	4.54	4.54	201	130
Total	9.09	9.09		
Uran				
All Units	4.62	4.62	291	125
Total	4.62	4.62		
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)	0.03	0.03	17	0
Total	0.03	0.03		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.18	5.18	475	40
Stage 4	5.98	5.98	675	0
Stage 3	2.28	2.28	240	0
Total	13.44	13.44		
Hydro				
KDPH	0.86	0.86	36	36
VTRNA	0.93	0.93	60	0
TILLARI	0.39	0.39	58	0
BHIRA T.R.	0.16	0.16	80	0
SMLHY_PTN	5.08	5.08	222	194
GHATGHAR	0.85	0.85	250	0
Total	8.27	8.27		
Wind				
Total	19.73	19.73	0	0
Total	19.73	19.73		
CPP				
APML(Mus)	60.01	60.01	0	0
JSWEL(Mus)	11.35	11.35	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.34	31.34	0	0
SWPGPL-Mus	8.88	8.88	0	0
Other(Mus)	24.21	24.21	0	0
Total	135.80	135.80		
SOLAR				
Total	8.67	8.67	0	0
Total	8.67	8.67		
Tata				
Trombay 5	10.59	10.59	483	284
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.27	1.27	73	49
Trombay 7B	1.02	1.02	54	40
Trombay 8	5.45	5.45	238	141
TATA Hydro	3.61	3.61	384	0
Total	21.94	21.94		
AEML				
DTPS U-1&2	12.01	12.01	502	498
Total	12.01	12.01		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	153.35	153.35	MSPGCL Total	179.68	179.68
			MSPGCL Thml+Gas	157.97	157.97	Koyna 1,2 & 4 Total	11.16	11.16
			MSPGCL Hydro	21.72	21.72	State Total	377.82	377.82

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	6179	1024	281	7484	1062	5618	0	0	6703	6577	-1044	19697	0	19697	2393	22090	49.91
2	6122	992	281	7395	1098	5619	0	0	6492	6514	-879	19747	0	19747	2210	21957	50.01
3	6095	414	281	6790	1119	5671	0	0	6566	6402	-746	19236	0	19236	2078	21314	49.97
4	6044	333	281	6658	1019	5629	0	0	6629	6508	-660	19154	0	19154	1985	21139	49.87
5	6072	767	281	7120	979	5653	0	0	6448	6478	-622	19608	0	19608	1951	21559	49.91
6	6090	1326	282	7698	874	5674	0	0	6833	6742	-657	20331	0	20331	1985	22316	49.91
7	6131	1530	291	7952	897	5660	0	31	7544	7296	-711	21125	0	21125	2016	23141	49.86
8	6168	1192	272	7632	595	5715	0	229	7568	7804	-810	21165	0	21165	2112	23277	50.02
9	6169	1112	241	7522	489	5675	0	566	7454	7551	-1039	20764	0	20764	2383	23147	50.07
10	6149	1680	210	8039	504	5696	0	857	7320	7435	-1192	21339	0	21339	2681	24020	50.02
11	6137	1645	203	7985	380	5687	0	1050	7904	7853	-1304	21651	0	21651	2890	24541	50.03
12	6340	1391	125	7856	277	5661	0	1129	8629	8332	-1392	21863	0	21863	2959	24822	49.93
13	6451	1352	136	7939	360	5655	0	1150	8228	8025	-1376	21753	0	21753	2943	24696	49.98
14	6501	1136	126	7763	436	5691	0	1108	7923	7835	-1312	21521	0	21521	2859	24380	50.01
15	6660	725	136	7521	478	5661	0	1010	8456	8134	-1340	21464	0	21464	2892	24356	49.88
16	6659	860	127	7646	570	5699	0	810	8253	8042	-1348	21419	0	21419	2930	24349	49.91
17	6741	682	127	7550	719	5702	0	526	7924	7481	-1304	20674	0	20674	2951	23625	49.92
18	6710	503	138	7351	850	5693	0	193	6928	6681	-1221	19547	0	19547	2797	22344	49.91
19	6641	363	128	7132	948	5629	0	11	6487	6411	-1252	18879	0	18879	2675	21554	50.01
20	6679	425	140	7244	1199	5745	0	0	6330	6407	-1167	19428	0	19428	2653	22081	50.01
21	6454	345	129	6928	1265	5612	0	0	6440	6134	-1211	18728	0	18728	2477	21205	49.99
22	6600	502	130	7232	1213	5539	0	0	6306	6100	-1250	18834	0	18834	2417	21251	49.96
23	6781	466	140	7387	1186	5632	0	0	6442	6496	-1190	19511	0	19511	2440	21951	49.99
24	6777	950	130	7857	1212	5581	0	0	6531	6515	-1183	19982	0	19982	2480	22462	49.98
MUs	153.35	21.72	4.62	179.68	19.73	135.80	0.00	8.67	172.34	169.75	-26.21	487.42	0.00	487.42	60.16	547.58	49.96

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 01/Apr/2021

Position as on 6.30 Hrs of 02/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	
MSPGCL	Chandrapur Unit 5	500	25/03/2021	15.51	01/04/2021	10.46	Boiler Tube Leakage	
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	Chandrapur Unit 5	500	01/04/2021	12.27	01/04/2021	14.04	Low drum level.	
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 A0	120	02/04/2021	23.19		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	02/04/2021	23.19		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 02/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		Continued.	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		Continued.	PO	SAMRUDHI MAHAMARG PROJECT WORK.
Akola Aurangabad(PG) II	InterState	18/03/2021	14.34		Continued.	PO	SAMRUDHI MAHAMARG PROJECT WORK.
Dhule Sar'Sarovar II	InterState	31/03/2021	18.37	01/04/2021	06.45	HT	Over Voltage
Dhule Khandwa I	InterState	01/04/2021	20.00	01/04/2021	21.45	T	Distance Protection
Dhule Khandwa II	InterState	01/04/2021	20.00	01/04/2021	21.45	T	DT Received at Dhule end.
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	18/03/2021	15.48		Continued.	EO	Attending Hot Spot
Jaigad-Karad Ckt-II	IntraState	01/04/2021	09.05	01/04/2021	16.38	PO	Hotline insulator washing.
Jejuri- Koynastage-IV	IntraState	01/04/2021	17.15	01/04/2021	22.25	PO	Replacement of damaged B-ph wave trap jumper.
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
Babhaleshwar - Degaon Rangari	IntraState	13/03/2021	13.41	01/04/2021	21.02	PO	Samruddhi highway height raising work.
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	25/03/2021	10.28		Continued.	PO	Railway crossing tower erection work
Kalwa Salsette III	IntraState	01/04/2021	05.52	01/04/2021	08.13	PO	Tree trimming work.
Trombay - Kalwa	IntraState	01/04/2021	08.53		Continued.	PO	Replacement of conductor in between Loc. No. 56 to 58
Kamba - Kolshet	IntraState	01/04/2021	09.17	01/04/2021	18.39	PO	Online stringing of OPGW cable on 220 KV Kamba-Kolshet line
Bhosari- Bhosari 2	IntraState	01/04/2021	10.39	01/04/2021	18.01	PO	Erection of 220kv Wave Trap - Commissioning of PLCC Phase to Phase link Under Pune zone on top priority.
Kandalgaon - ONGC Panvel	IntraState	01/04/2021	11.15	01/04/2021	17.17	PO	"For the work of R ph C.T. oil leakage attend.
Boisar Versova Line	IntraState	01/04/2021	16.00	01/04/2021	16.37	T	Distance Protection
Ranjangaon-Lonikand	IntraState	01/04/2021	17.30	01/04/2021	20.28	T	Distance Protection
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							
220/132 kv 200 MVA ICT- I @ Nanded	IntraState	01/04/2021	13.23	01/04/2021	13.50	EO	New metering CT cable termination work.
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	01/04/2021	15.30	01/04/2021	18.57	EO	Y-phase LA replacement work.
220/132 Kv 200MVA ICT-I @Jeur	IntraState	01/04/2021	17.35	01/04/2021	00.35	EO	Outage is required for Attending air leakage from mechanism drive & O/H of 132KV CB of ICT No. 01 LV bay.

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 01/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 02/Apr/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.