

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Apr/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	150.681	613.061	1) Gujrat	2.184	7.108
2) Hydro	17.160	98.994	2) Madhya Pradesh	16.670	63.346
3) Gas	3.599	15.419	3) Chattisgarh	4.200	14.980
Total MSPGCL	171.440	727.474	4) Maharashtra	153.726	600.636
B) 1) APML	60.182	240.309	5) Goa (Amona)	-1.091	-4.978
2) JSWEL	12.093	48.131	Total	175.689	681.092
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.595	100.819
4) RPL(AMT)	31.256	125.375	b) Mumbai Drawl	19.356	91.629
5) SWPGPL	9.053	36.123	c) MSEDCL Bilateral *	55.059	165.324
6) Other IPP	23.667	94.393	Include PX	21.714	44.582
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.595	100.819
C) 1) TPCL Thermal	16.729	66.088	Include PX	8.531	27.719
2) TPCL Hydro	0.432	8.557	Standby	0.000	0.000
3) TPCL Gas	3.242	11.733	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.818	47.484	1) MSEDCL	488.990	1963.632
D) STATE			2) Mumbai Discoms	51.577	225.491
1) Thermal	315.479	1270.964	TOTAL STATE	540.567	2189.123
(A1+C1+C4+(B1-B6))					
2) Hydro	17.592	107.551			
(A2+C2)					
3) Gas	6.841	27.152			
(A3+B7+C3)					
4) Wind	15.366	66.655			
6) SOLAR	9.600	35.709			
TOTAL STATE	364.878	1508.031			

* 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	6153	6211	6045	6407
MSPGCL Hydro	680	635	774	517
MSPGCL Gas	145	144	147	149
MSPGCL Total Generation	6978	6990	6966	7073
Central Sector Receipt	9060	8631	6681	6448
WIND	383	298	580	802
CPP / IPP Thermal	5657	5678	5682	5644
CPP / IPP Gas	0	0	0	0
SOLAR	1283	1285	0	0
Exchange with Mumbai	-1226	-1166	-793	-588
MSEDCL DEMAND MET	22135	21716	19116	19379
Load Shedding	0	0	0	0
MSEDCL DEMAND	22135	21716	19116	19379
TPCL GENERATION	668	635	992	826
AEML GENERATION	342	475	500	500
MUMBAI DEMAND	2236	2276	2285	1914
STATE DEMAND MET	24371	23992	21401	21293
STATE DEMAND	24371	23992	21401	21293
Frequency (Hz)	50.01	49.97	50.02	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.3 Hz at 18.01 Hrs	49.73 Hz at 23.06 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 04/Apr/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	5.42	0	0
Unit 7	2.73	11.74	142	0
Unit 8	11.38	50.73	590	300
Unit 9	8.69	35.97	425	294
Unit 10	0.00	0.00	0	0
Total	22.80	103.87		
Bhusawal				
Unit 3	0.30	4.48	100	0
Unit 4	11.82	47.08	500	480
Unit 5	11.36	46.74	500	410
Total	23.49	98.30		
Parli				
Unit 6	5.93	22.19	250	241
Unit 7	5.79	23.10	245	234
Unit 8	3.20	19.26	242	0
Total	14.92	64.55		
Chandrapur				
Unit 3	3.65	7.42	161	140
Unit 4	0.00	0.00	0	0
Unit 5	10.08	33.00	441	410
Unit 6	9.47	38.05	410	370
Unit 7	0.00	0.00	0	0
Unit 8	11.60	46.61	495	470
Unit 9	11.24	44.71	485	450
Total	46.03	169.78		
Paras				
Unit 3	5.72	23.24	250	224
Unit 4	5.97	22.89	250	245
Total	11.68	46.13		
Khaparkheda				
Unit 1	2.95	12.03	135	105
Unit 2	2.99	12.52	130	105
Unit 3	3.69	15.81	165	137
Unit 4	3.44	15.10	160	125
Unit 5	9.30	37.51	400	375
Total	22.37	92.97		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.70	18.80	203	145
Unit 5	4.68	18.67	201	137
Total	9.38	37.47		
Uran				
All Units	3.60	15.42	160	144
Total	3.60	15.42		
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)	0.07	0.18	24	0
Total	0.07	0.18		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.64	23.18	460	40
Stage 4	3.05	34.22	435	0
Stage 3	1.68	12.27	160	0
Total	10.37	69.68		
Hydro				
KDPH	0.86	3.46	36	36
VTRNA	0.59	2.95	60	0
TILLARI	0.49	1.74	58	0
BHIRA T.R.	0.08	0.50	43	0
SMLHY_PTN	4.78	19.37	205	188
GHATGHAR	0.00	1.30	0	0
Total	6.79	29.32		
Wind				
Total	15.37	66.66	0	0
Total	15.37	66.66		
CPP				
APML(Mus)	60.18	240.31	0	0
JSWEL(Mus)	12.09	48.13	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.26	125.38	0	0
SWPGPL-Mus	9.05	36.12	0	0
Other(Mus)	23.67	94.39	0	0
Total	136.25	544.33		
SOLAR				
Total	9.60	35.71	0	0
Total	9.60	35.71		
Tata				
Trombay 5	11.27	44.02	486	365
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.96	6.94	114	49
Trombay 7B	1.28	4.79	65	40
Trombay 8	5.46	22.07	237	148
TATA Hydro	0.43	8.56	93	0
Total	20.40	86.38		
AEMIL				
DTPS U-1&2	11.82	47.48	501	342
Total	11.82	47.48		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	150.68	613.06	MSPGCL Total	171.44	727.47
			MSPGCL Thml+Gas	154.28	628.48	Koyna 1,2 & 4 Total	8.69	57.40
			MSPGCL Hydro	17.16	98.99	State Total	364.88	1508.03

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/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	6436	1160	149	7745	1250	5719	0	0	6295	6183	-961	19936	0	19936	2301	22237	49.99
2	6413	995	159	7567	1006	5679	0	0	6523	6419	-797	19874	0	19874	2137	22011	50.01
3	6419	825	149	7393	844	5693	0	0	6432	6630	-677	19883	0	19883	2017	21900	50.02
4	6407	517	149	7073	802	5644	0	0	6409	6448	-588	19379	0	19379	1914	21293	50.02
5	6566	890	160	7616	910	5639	0	0	6250	6257	-550	19872	0	19872	1880	21752	50.00
6	6588	907	149	7644	864	5642	0	0	7193	7258	-561	20847	0	20847	1913	22760	49.98
7	6592	983	160	7735	756	5689	0	30	7700	7852	-575	21487	0	21487	1894	23381	49.99
8	6574	619	149	7342	559	5672	0	255	7766	7906	-593	21141	0	21141	1902	23043	50.01
9	6583	454	148	7185	435	5662	0	598	7638	7848	-677	21051	0	21051	1983	23034	50.03
10	6519	739	157	7415	388	5663	0	961	7599	7838	-796	21469	0	21469	2102	23571	49.99
11	6277	678	146	7101	433	5641	0	1179	8188	8293	-885	21762	0	21762	2209	23971	50.04
12	6153	680	145	6978	383	5657	0	1283	8781	9060	-1226	22135	0	22135	2236	24371	50.01
13	6211	635	144	6990	298	5678	0	1285	8778	8631	-1166	21716	0	21716	2276	23992	49.97
14	6015	591	154	6760	284	5691	0	1275	8473	8481	-965	21526	0	21526	2250	23776	50.01
15	6037	503	144	6684	330	5675	0	1134	8943	8719	-846	21696	0	21696	2261	23957	49.99
16	6034	482	144	6660	353	5703	0	843	8762	8784	-840	21503	0	21503	2270	23773	50.04
17	6136	730	144	7010	393	5685	0	549	7903	7943	-806	20774	0	20774	2224	22998	49.99
18	6139	823	146	7108	386	5704	0	187	6708	6709	-752	19342	0	19342	2165	21507	50.00
19	6059	458	156	6673	434	5686	0	21	6444	6407	-735	18486	0	18486	2161	20646	50.05
20	6045	774	147	6966	580	5682	0	0	6581	6681	-793	19116	0	19116	2285	21401	50.02
21	6133	498	147	6778	703	5647	0	0	6374	6161	-826	18463	0	18463	2247	20710	49.99
22	6150	574	157	6881	831	5673	0	0	6347	6103	-847	18641	0	18641	2257	20898	49.91
23	6094	816	148	7058	1004	5673	0	0	6649	6607	-915	19427	0	19427	2315	21742	49.96
24	6101	829	148	7078	1140	5755	0	0	6736	6471	-979	19465	0	19465	2378	21843	49.90
MUs	150.68	17.16	3.60	171.44	15.37	136.25	0.00	9.60	175.47	175.69	-19.36	488.99	0.00	488.99	51.58	540.57	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 04/Apr/2021

Position as on 6.30 Hrs of 05/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	Bhusawal Unit 3	210	02/04/2021	00.02	04/04/2021	07.45	Outage for feedline leakage.	
MSPGCL	Koradi Unit 6	210	02/04/2021	12.19		Continued.	Fire in boiler electric board.	
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	
MSPGCL	Koradi Unit 7	210	03/04/2021	19.26	04/04/2021	03.23	ID Fan Problem	
MSPGCL	Parli Unit 8	250	04/04/2021	10.25	04/04/2021	19.43	Attending the CRH dummy line steam leakage.	
MSPGCL	Bhusawal Unit 3	210	04/04/2021	12.26	05/04/2021	01.20	Cooling water level down.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 05/Apr/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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 II	InterState	03/04/2021	19.00	04/04/2021	09.25	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	04/04/2021	18.03		Continued.	HT	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	18/03/2021	15.48		Continued.	EO	Attending Hot Spot
Koradi 2-IEPL	IntraState	04/04/2021	08.56	04/04/2021	19.20	PO	Erection of Gantry Tower, Beam and N/B Tightening work to be carried out during outage for 400kV, 125 MVAR Bus Shunt Reactor (bay no. 415).
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	03/04/2021	10.25	04/04/2021	16.45	PO	Breaker Overhauling work.
Trombay Salsette 1 Backbay	IntraState	03/04/2021	23.58	04/04/2021	05.55	PO	For metro work.
Trombay-Salsette II	IntraState	03/04/2021	23.58	04/04/2021	05.55	PO	For metro work.
220kv Halkarni- Tillary	IntraState	04/04/2021	13.25	04/04/2021	17.00	T	SF6 gas leakage at Halkarni end.
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Ict 1 @Paranda	IntraState	03/04/2021	17.50	04/04/2021	23.30	T	Tripped On Internal Fault, Oil Leakage From Bushing LV Side.
220/132 Kv 100 Mva Ict 2 @Paranda	IntraState	04/04/2021	17.15	04/04/2021	18.20	PO	Checking & setting of OTI and WTI temperature setting.

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