

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/Feb/2022 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	160.529	3111.444	1) Gujrat	-6.429	-161.740
2) Hydro	12.487	295.689	2) Madhya Pradesh	6.081	107.144
3) Gas	10.295	162.215	3) Chattisgarh	5.620	131.940
Total MSPGCL	183.311	3569.348	4) Maharashtra	152.837	2856.918
B) 1) APLM	53.033	1289.558	5) Goa (Amona)	-1.386	-27.947
2) JSWEL	14.816	288.124	Total	156.723	2906.315
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.496	395.761
4) RPL(AMT)	25.309	548.051	b) Mumbai Drawl	27.188	450.216
5) SWPGPL	8.963	167.917	c) MSEDCL Bilateral *	77.466	1381.118
6) Other IPP	40.734	810.330	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.496	395.410
C) 1) TPCL Thermal	3.769	182.456	Include PX	0.000	0.000
2) TPCL Hydro	2.198	73.454	Standby	0.000	0.351
3) TPCL Gas	3.923	73.475	H) ENERGY CATERED (MUs)		
4) AEML Thermal	6.737	168.221	1) MSEDCL	467.220	9318.858
D) STATE			2) Mumbai Discoms	43.816	947.824
1) Thermal	313.890	6566.101	3) Other Discoms	8.290	165.726
(A1+C1+C4+(B1-B6))			TOTAL STATE	519.326	10432.408
2) Hydro	14.685	369.143			
(A2+C2)					
3) Gas	14.218	235.690			
(A3+B7+C3)					
4) Wind	10.630	187.103			
6) SOLAR	9.179	168.054			
TOTAL STATE	362.602	7526.091			

* 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 24 Hrs
MSPGCL Thermal	6974	6903	6701	5919
MSPGCL Hydro	776	595	703	330
MSPGCL Gas	415	411	418	446
MSPGCL Total Generation	8165	7909	7822	6695
Central Sector Receipt	8123	8187	5793	5651
WIND	149	177	714	593
CPP / IPP Thermal	6181	5972	5982	5298
CPP / IPP Gas	0	0	0	0
SOLAR	1274	1327	0	0
Exchange with Mumbai	-1285	-1314	-1259	-1187
MSEDCL DEMAND MET	22364	22012	18799	16842
Load Shedding	0	0	0	0
MSEDCL DEMAND	22364	22012	18799	16842
TPCL GENERATION	553	476	516	284
AEML GENERATION	279	280	282	281
MUMBAI DEMAND	2117	2070	2057	1752
OTHER DISCOM DEMAND	368	370	377	300
STATE DEMAND MET	24849	24452	21233	18894
STATE DEMAND	24849	24452	21233	18894
Frequency (Hz)	50.02	50.00	49.97	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.2 Hz at 14.04 Hrs	49.83 Hz at 18.56 Hrs	49.99	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Daily and Progressive Generation, Maximum, Minimum for 20/Feb/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.88	74.82	175	120
Unit 7	0.00	0.00	0	0
Unit 8	13.36	276.72	598	528
Unit 9	12.04	262.44	523	493
Unit 10	12.36	252.45	550	478
Total	41.65	866.44		
Bhusawal				
Unit 3	2.90	64.29	165	1
Unit 4	10.45	44.13	485	280
Unit 5	10.04	200.28	480	285
Total	23.39	308.70		
Parli				
Unit 6	3.34	78.33	191	0
Unit 7	3.86	79.47	198	137
Unit 8	3.66	75.96	181	142
Total	10.85	233.76		
Chandrapur				
Unit 3	3.83	50.49	186	122
Unit 4	3.67	41.79	180	118
Unit 5	7.29	146.96	325	271
Unit 6	0.00	120.17	0	0
Unit 7	8.16	164.25	420	282
Unit 8	10.93	210.94	465	440
Unit 9	9.84	199.07	423	395
Total	43.73	933.67		
Paras				
Unit 3	4.54	95.41	239	140
Unit 4	4.42	91.36	233	141
Total	8.97	186.78		
Khaparkheda				
Unit 1	2.84	63.60	150	0
Unit 2	3.54	35.64	165	115
Unit 3	3.96	75.75	195	130
Unit 4	3.92	66.26	184	130
Unit 5	11.09	210.96	480	450
Total	25.34	452.21		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.36	69.12	191	119
Unit 5	3.24	60.78	187	118
Total	6.60	129.90		
Uran				
All Units	10.30	162.22	459	399
Total	10.30	162.22		
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)	0.16	4.34	25	0
Total	0.16	4.34		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.29	51.90	445	35
Stage 4	1.21	58.64	250	0
Stage 3	0.84	24.06	160	0
Total	4.34	134.60		
Hydro				
KDPH	0.43	12.34	18	18
VTRNA	0.67	14.56	60	0
TILLARI	0.52	9.22	58	0
BHIRA T.R.	0.20	3.96	57	0
SMLHY_PTN	6.33	111.22	272	253
GHATGHAR	0.00	9.79	0	0
Total	8.15	161.09		
Wind				
Total	10.63	187.10	0	0
Total	10.63	187.10		
CPP				
APML(Mus)	53.03	1289.56	0	0
JSWEL(Mus)	14.82	288.12	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.31	548.05	0	0
SWPGPL-Mus	8.96	167.92	0	0
Other(Mus)	40.73	810.33	0	0
Total	142.86	3103.98		
SOLAR				
Total	9.18	168.05	0	0
Total	9.18	168.05		
Tata				
Trombay 5	0.00	109.49	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.42	44.95	116	65
Trombay 7B	1.50	28.53	67	51
TATA Hydro	2.20	73.45	205	0
Trombay 8	3.77	72.96	231	130
Total	9.89	329.38		
AEML				
DTPS U-1&2	6.74	168.22	282	279
Total	6.74	168.22		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	160.53	3111.44	MSPGCL Total	183.31	3569.35
			MSPGCL Thml+Gas	170.82	3273.66	Koyna 1,2 & 4 Total	3.50	110.54
			MSPGCL Hydro	12.49	295.69	State Total	362.60	7526.09

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/Feb/2022

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDC L DEM. MET	LOAD SHED DING	MSEDC L DEM. WITH LS	MUMBAI DEMAN D	OTHER DISCOM DEMAN D	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	6380	314	455	7149	624	5599	0	0	6085	5733	-1139	17660	0	17660	1695	306	19661	49.97
2	6331	319	445	7095	565	5542	0	0	6127	6200	-1060	18038	0	18038	1593	304	19935	49.97
3	6427	319	435	7181	503	5872	0	0	6070	5616	-983	17908	0	17908	1514	281	19703	49.98
4	6582	314	457	7353	550	5879	0	0	6114	5644	-926	18215	0	18215	1471	285	19971	49.98
5	6835	323	447	7605	554	5911	0	0	6066	5778	-918	18635	0	18635	1462	295	20392	50.01
6	7013	311	438	7762	513	6241	0	0	6187	5764	-955	18998	0	18998	1532	327	20857	49.98
7	7185	329	459	7973	467	6327	0	6	5869	6037	-877	19602	0	19602	1620	331	21553	50.02
8	7251	1064	440	8755	367	6360	0	139	5879	6102	-851	20512	0	20512	1699	360	22571	50.01
9	7263	923	429	8615	261	6362	0	484	6578	6676	-970	21059	0	21059	1832	369	23260	50.04
10	7069	801	433	8303	216	6307	0	864	7504	7560	-1118	21760	0	21760	1968	372	24100	49.99
11	7001	1079	408	8488	157	6290	0	1071	7998	7968	-1229	22385	0	22385	2075	360	24820	49.98
12	6974	776	415	8165	149	6306	0	1274	8502	8123	-1285	22364	0	22364	2117	368	24849	50.02
13	6903	595	411	7909	177	6096	0	1327	8319	8187	-1314	22012	0	22012	2070	370	24452	50.00
14	6762	594	410	7766	247	5953	0	1249	7718	7774	-1284	21346	0	21346	1972	359	23677	50.03
15	6437	573	411	7421	303	5688	0	1155	7965	8773	-1297	21687	0	21687	1927	356	23970	50.06
16	6683	478	399	7560	287	5789	0	878	7773	8266	-1225	21186	0	21186	1884	369	23439	49.96
17	6743	491	402	7636	340	5899	0	561	7088	7070	-1174	19962	0	19962	1872	370	22204	49.97
18	6943	444	414	7801	435	6127	0	169	6186	5647	-1128	18663	0	18663	1867	388	20918	49.99
19	6667	396	418	7481	587	5956	0	2	5876	5721	-1166	18208	0	18208	1948	373	20529	49.96
20	6701	703	418	7822	714	6106	0	0	5836	5793	-1259	18799	0	18799	2057	377	21233	49.97
21	6504	358	429	7291	670	6043	0	0	5661	5128	-1333	17438	0	17438	2050	361	19849	49.99
22	6024	329	443	6796	699	5375	0	0	5768	5779	-1290	16994	0	16994	1980	365	19339	49.99
23	5932	324	433	6689	652	5437	0	0	5734	5733	-1220	16946	0	16946	1858	345	19149	49.99
24	5919	330	446	6695	593	5390	0	0	5973	5651	-1187	16842	0	16842	1752	300	18894	50.00
MUs	160.53	12.49	10.29	183.31	10.63	142.85	0.00	9.18	158.88	156.72	-27.19	467.22	0.00	467.22	43.82	8.29	519.33	49.99

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 20/Feb/2022

Position as on 6.30 Hrs of 21/Feb/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna Unit 5	80	20/12/2021	08:40		Continued.	Annual Overhaul	
MSPGCL	Nasik Unit 3	210	26/01/2022	20:26		Continued.	Annual 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	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
IPP	JSW (J) U1	300	02/09/2021	08.41		Continued.	Turbine vibrations high.	
IPP	Adani U-3	660	13/02/2022	15:16		Continued.	Due to APH-B hot PA below leakage.	
IPP	JSW (J) U4	300	14/02/2022	16:08		Continued.	No Schedule	
IPP	RPL(AMT) U-3	270	16/02/2022	00:00		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 6	500	16/02/2022	23:20		Continued.	Turbine bearing Vibration high	
TPC-G	Trombay 5	500	19/02/2022	10:06		Continued.	Boiler Tube Leakage	
MSPGCL	Koyna Unit 9	80	19/02/2022	10:50		Continued.	Stator Earth Fault	
MSPGCL	Parli Unit 6	250	19/02/2022	22:56	20/02/2022	02:28	Coal feeding problem	
MSPGCL	Khaparkheda Unit 1	210	20/02/2022	09:38	20/02/2022	12:30	Condenser Pressure High	
MSPGCL	Bhusawal Unit 3	210	20/02/2022	22:03		Continued.	Coal Shortage	
MSPGCL	Uran Unit 6	108	21/02/2022	00:37		Continued.	Gas shortage	
IPP	Adani U-2	660	21/02/2022	01:11		Continued.	APH-B support bearing abnormal sound	
MSPGCL	Chandrapur Unit 8	500	21/02/2022	04:40		Continued.	Furnace Pressure High	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 20/Feb/2022

Statement-VII

Position as on 6.30 Hrs of 21/Feb/2022

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							
SOLAPUR PG - ALKUD	InterState	20/02/2022	13:41	20/02/2022	16:51	HT	Replacement of Top phase SRI Insulator at T.No. 231.
THAPTI TANDA - WALUJ	IntraState	01/02/2022	13:01			PO	TOWER HEIGHT RAISING FOR MUMBAI -NAGPUR SAMRUDDHI HIGHWAY CROSSING . DISMANTLING OF LOC 155(DA+0) AND 156(DA+0) .ERECTION OF NEW TOWERS AT LOC 155(DD+9) AND LOC 156(DD+9) RESTRINGING FROM LOC 155 TO 156.
DEEPNAGAR - THAPTI TANDA	IntraState	01/02/2022	13:11			PO	TOWER HEIGHT RAISING FOR MUMBAI -NAGPUR SAMRUDDHI HIGHWAY CROSSING . DISMANTLING OF LOC 155(DA+0) AND 156(DA+0) .ERECTION OF NEW TOWERS AT LOC 155(DD+9) AND LOC 156(DD+9) RESTRINGING FROM LOC 155 TO 156.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	04/02/2022	14:43			HT	H/T TO CONTROL 400KV TALEGAON PG -CHAKAN LINE LOADING.
NEW KOYNA - STAGE IV CKT - 2	IntraState	19/02/2022	10:01			PO	C.B. Overhauling work Shitting on TBC
220 KV LINE Outages/Trippings							
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	cABLE FAULT
GOREGAON - AAREY CKT - 2	IntraState	15/02/2022	09:20			PO	Under MMRC Line Diversion scheme for Metro-3 project 220kV Outdoor termination of 220kV AEML Aarey and overhead connection at MMRC pylon yard .
ALKUD - MENDHEGIRI CKT - 1	IntraState	17/02/2022	10:50	20/02/2022	19:18	PO	Line maintenance work by M/s Suzlon
BORIVALI - TARAPUR	IntraState	18/02/2022	09:16			PO	1. Dismantling of existing loc.no. 37, erection proposed on loc.37a & 38a. 2.Railway crossing stringing between loc.no.36 & 37a-38a-38
BOISAR II - TARAPUR	IntraState	18/02/2022	09:33			PO	1. Dismantling of existing loc.no. 37, erection proposed on loc.37a & 38a. 2.Railway crossing stringing between loc.no.36 & 37a-38a-38
DAHANU - GHODBUNDER CKT - 1	IntraState	19/02/2022	08:06	20/02/2022	03:15	PO	Project activity Modification of existing tower no LS 191 to 194 at Virar for DFCCIL project. Details of activity to be carried out: 1. De-stringing of existing conductors & OPGW cable. 2. Re-stringing of conductors & OPGW cable.
GHODBUNDER - GORAI	IntraState	20/02/2022	03:56			PO	Project activity 1) Modification / relocation of existing tower no LS 275 to 277 at Mira Road for Metro 09 Project. Details of activity to be carried out: 1. De-stringing of existing conductors & OPGW cable. 2. Dismantling of existing towers. 3. Erection of Monopoles. 4. Re-stringing of conductors & OPGW cable

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 20/Feb/2022

Statement-VII

Position as on 6.30 Hrs of 21/Feb/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
VERSOVA - GHODBUNDER	IntraState	20/02/2022	04:00			PO	Project activity 1) Modification / relocation of existing tower no LS 275 to 277 at Mira Road for Metro 09 Project. Details of activity to be carried out: 1. De-stringing of existing conductors & OPGW cable. 2. Dismantling of existing towers. 3. Erection of Monopoles. 4. Re-stringing of conductors & OPGW cable
MAHALAXMI - BACKBAY	IntraState	20/02/2022	10:15	20/02/2022	17:35	PO	R/M AND TESTING
WAGHIVALI - DHARAVI 7	IntraState	20/02/2022	13:34	20/02/2022	14:28	EO	EMERGENCY TREE TRIMMING
LAMBOTI - KARKAMB	IntraState	20/02/2022	14:37	20/02/2022	15:22	T	TRIPPED ON DIST. PROTN
LAMBOTI - PANDHARPUR	IntraState	20/02/2022	14:37	20/02/2022	14:51	T	TRIPPED ON DIST. PROTN
BOISAR - VERSOVA	IntraState	20/02/2022	15:15	20/02/2022	17:28	T	TRIPPED ON DIST. PROTN
AAREY - MSETCL BORIVALI CKT - 1	IntraState	20/02/2022	17:55	20/02/2022	18:30	HT	B-phase current showing Zero.
220 KV ICT Outages/Trippings							
220 / 110 / 22kv 250 MVA ICT 1 @ SALSETTE	IntraState	12/10/2020	11:35			T	Tripped due to Grid disturbance.
220/132KV 100 MVA ICT NO 2 @ MAGARPATTA	IntraState	01/12/2021	14:32			PO	Replacement of existing 100 MVA ICT 02 by new 200 MVA ICT 02
220/22 KV 50 MVA PTR 1 @ KANDALGAON	IntraState	14/12/2021	16:55			EO	For dismantling said 50MVA T/f 1 at 220 kV K'gaon S/s
220/132 KV 200 MVA ICT 3 @ BABHLESHWAR	IntraState	20/12/2021	22:45			T	Tripped on Diferrential protection and Declare faulty
220 KV BUSBAR Outages/Trippings							
GIS BUS - 1 @ KARANJADE	IntraState	15/02/2022	08:59			PO	BUS-1 EXTENSION FOR REACTOR CONNECTION

HT : Hand Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage