

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Feb/2022 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	147.499	3258.943	1) Gujrat	-5.935	-167.675
2) Hydro	28.401	324.090	2) Madhya Pradesh	7.654	114.798
3) Gas	6.629	168.844	3) Chattisgarh	6.040	137.980
Total MSPGCL	182.529	3751.877	4) Maharashtra	162.139	3019.057
B) 1) APLM	49.187	1338.745	5) Goa (Amona)	-1.637	-29.584
2) JSWEL	14.887	303.011	Total	168.261	3074.576
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.290	421.051
4) RPL(AMT)	25.084	573.135	b) Mumbai Drawl	27.900	478.116
5) SWPGPL	9.232	177.149	c) MSEDCL Bilateral *	84.413	1465.531
6) Other IPP	40.928	851.258	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.048	420.457
C) 1) TPCL Thermal	7.008	189.464	Include PX	0.000	0.000
2) TPCL Hydro	4.864	78.318	Standby	0.242	0.594
3) TPCL Gas	2.978	76.453	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.476	175.697	1) MSEDCL	470.681	9789.539
D) STATE			2) Mumbai Discoms	50.225	998.049
1) Thermal	301.301	6867.402	3) Other Discoms	8.537	174.263
(A1+C1+C4+(B1-B6))			TOTAL STATE	529.443	10961.851
2) Hydro	33.265	402.408			
(A2+C2)					
3) Gas	9.607	245.297			
(A3+B7+C3)					
4) Wind	7.451	194.554			
6) SOLAR	9.559	177.613			
TOTAL STATE	361.183	7887.274			

* 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 1 Hrs
MSPGCL Thermal	6320	6114	5871	5962
MSPGCL Hydro	1918	1622	1978	324
MSPGCL Gas	275	271	290	347
MSPGCL Total Generation	8513	8007	8139	6633
Central Sector Receipt	8742	8906	6493	5771
WIND	88	101	276	696
CPP / IPP Thermal	5548	5470	6175	5298
CPP / IPP Gas	0	0	0	0
SOLAR	1299	1324	0	0
Exchange with Mumbai	-1285	-1457	-1239	-1066
MSEDCL DEMAND MET	22652	22103	19576	17131
Load Shedding	0	0	0	0
MSEDCL DEMAND	22652	22103	19576	17131
TPCL GENERATION	859	772	872	277
AEML GENERATION	498	345	284	282
MUMBAI DEMAND	2642	2574	2395	1625
OTHER DISCOM DEMAND	381	375	392	308
STATE DEMAND MET	25674	25052	22364	19064
STATE DEMAND	25674	25052	22364	19064
Frequency (Hz)	49.99	49.92	50.00	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.15 Hz at 13.00 Hrs	49.75 Hz at 06.12 Hrs	49.98	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 21/Feb/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.82	78.64	165	130
Unit 7	0.00	0.00	0	0
Unit 8	13.74	290.46	603	521
Unit 9	5.88	268.33	486	0
Unit 10	13.06	265.51	567	516
Total	36.50	902.93		
Bhusawal				
Unit 3	0.00	64.29	0	0
Unit 4	7.94	52.08	355	300
Unit 5	7.87	208.14	350	295
Total	15.82	324.51		
Parli				
Unit 6	4.53	82.86	237	150
Unit 7	4.39	83.86	241	140
Unit 8	3.96	79.92	181	142
Total	12.88	246.64		
Chandrapur				
Unit 3	4.28	54.77	187	128
Unit 4	3.91	45.70	175	125
Unit 5	7.56	154.52	325	294
Unit 6	0.00	120.17	0	0
Unit 7	9.07	173.32	394	305
Unit 8	2.14	213.08	460	0
Unit 9	9.82	208.89	424	392
Total	36.79	970.46		
Paras				
Unit 3	5.48	100.89	245	147
Unit 4	5.42	96.78	241	144
Total	10.89	197.67		
Khaparkheda				
Unit 1	3.55	67.16	155	130
Unit 2	3.55	39.18	165	125
Unit 3	4.52	80.27	200	130
Unit 4	4.02	70.28	179	133
Unit 5	11.25	222.21	485	450
Total	26.88	479.10		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.92	73.03	194	119
Unit 5	3.83	64.61	182	122
Total	7.74	137.64		
Uran				
All Units	6.63	168.84	347	150
Total	6.63	168.84		
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)	0.21	4.55	25	0
Total	0.21	4.55		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.38	57.28	475	35
Stage 4	11.60	70.24	1006	0
Stage 3	3.72	27.78	240	0
Total	20.70	155.30		
Hydro				
KDPH	0.43	12.77	18	18
VTRNA	0.00	14.56	0	0
TILLARI	0.52	9.74	58	0
BHIRA T.R.	0.20	4.16	77	0
SMLHY_PTN	6.55	117.77	278	269
GHATGHAR	0.00	9.79	0	0
Total	7.70	168.79		
Wind				
Total	7.45	194.55	0	0
Total	7.45	194.55		
CPP				
APML(Mus)	49.19	1338.74	0	0
JSWEL(Mus)	14.89	303.01	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.08	573.14	0	0
SWPGPL-Mus	9.23	177.15	0	0
Other(Mus)	40.93	851.26	0	0
Total	139.32	3243.30		
SOLAR				
Total	9.56	177.61	0	0
Total	9.56	177.61		
Tata				
Trombay 5	3.14	112.64	323	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.71	46.66	117	62
Trombay 7B	1.26	29.79	67	49
TATA Hydro	4.86	78.32	434	0
Trombay 8	3.86	76.83	231	130
Total	14.85	344.24		
AEML				
DTPS U-1&2	7.48	175.70	498	280
Total	7.48	175.70		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	147.50	3258.94	MSPGCL Total	182.53	3751.88
			MSPGCL Thml+Gas	154.13	3427.79	Koyna 1,2 & 4 Total	16.98	127.52
			MSPGCL Hydro	28.40	324.09	State Total	361.18	7887.27

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 21/Feb/2022

Annexure-2

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	5962	324	347	6633	696	5405	0	0	5910	5771	-1066	17131	0	17131	1625	308	19064	49.99
2	6210	330	295	6835	657	5209	0	0	5870	5867	-965	17308	0	17308	1522	295	19125	50.02
3	6602	330	299	7231	653	5334	0	0	5803	5672	-900	17695	0	17695	1457	295	19447	50.01
4	6615	324	286	7225	590	5436	0	0	5753	5606	-853	17726	0	17726	1409	278	19413	50.04
5	6477	372	298	7147	569	5646	0	0	5709	5535	-814	17799	0	17799	1425	284	19508	50.00
6	6349	861	299	7509	482	5641	0	0	6159	6325	-850	18791	0	18791	1534	316	20641	49.95
7	6377	1545	291	8213	387	5723	0	5	6326	6561	-867	19680	0	19680	1701	342	21723	49.93
8	6396	2000	301	8697	398	5780	0	150	6528	7151	-964	20866	0	20866	1914	346	23126	49.88
9	6398	1890	299	8587	270	5753	0	503	7346	7301	-1134	20895	0	20895	2203	385	23483	50.02
10	6407	1983	285	8675	180	5745	0	913	7796	8183	-1210	22109	0	22109	2466	377	24952	49.97
11	6400	2064	288	8752	120	5687	0	1141	8330	8441	-1342	22401	0	22401	2620	398	25419	49.98
12	6320	1918	275	8513	88	5675	0	1299	8637	8742	-1285	22652	0	22652	2642	381	25674	49.99
13	6114	1622	271	8007	101	5597	0	1324	8847	8906	-1457	22103	0	22103	2574	375	25052	49.92
14	5985	1232	281	7498	91	5571	0	1280	9082	8836	-1460	21441	0	21441	2432	375	24248	49.99
15	5986	833	279	7098	140	5647	0	1197	9599	9354	-1467	21600	0	21600	2427	369	24396	49.86
16	5961	1031	271	7263	167	5787	0	940	9254	8999	-1488	21293	0	21293	2451	375	24119	49.93
17	5913	1501	272	7686	157	5972	0	599	8073	7960	-1471	20516	0	20516	2453	386	23356	49.95
18	5920	1951	285	8156	179	6208	0	182	6610	6489	-1304	19503	0	19503	2413	406	22323	49.94
19	5887	1557	275	7719	197	6299	0	26	5966	6045	-1138	18743	0	18743	2392	405	21540	49.97
20	5871	1978	290	8139	276	6300	0	0	6086	6493	-1239	19576	0	19576	2395	392	22364	50.00
21	5890	1225	289	7404	260	6297	0	0	5985	5877	-1242	18204	0	18204	2269	391	20865	50.04
22	5847	747	243	6837	281	6241	0	0	6036	5885	-1192	17689	0	17689	2112	363	20164	50.04
23	5806	448	150	6404	278	6184	0	0	6230	6216	-1161	17567	0	17567	1970	354	19891	49.99
24	5806	335	160	6301	234	6181	0	0	6460	6047	-1031	17391	0	17391	1820	341	19552	50.01
MUs	147.50	28.40	6.63	182.53	7.45	139.32	0.00	9.56	168.40	168.26	-27.90	470.68	0.00	470.68	50.23	8.54	529.44	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 21/Feb/2022

Position as on 6.30 Hrs of 22/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	21/02/2022	13:44	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 Vabration high	
TPC-G	Trombay 5	500	19/02/2022	10:06	21/02/2022	10:58	Boiler Tube Leakage	
MSPGCL	Koyna Unit 9	80	19/02/2022	10:50		Continued.	Stator Earth Fault	
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	
MSPGCL	Koradi Unit 9	660	21/02/2022	12:42		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	21/02/2022	21:57		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	21/02/2022	21:57		Continued.	Gas shortage	
MSPGCL	Koyna STG-IV Unit-4	250	22/02/2022	05:37		Continued.	Excitation Transformer Differential fault along with Excitation Major fault	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Feb/2022

Statement-VII

Position as on 6.30 Hrs of 22/Feb/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV TBC Outages/Trippings							
POLE-1 BASE AC FILTER Z1-Z2(200MVAR) @ CHANDRAPUR HVDC	IntraState	21/02/2022	21:17	22/02/2022	01:23	EO	for urgent attending hotspot of temprature 223 deg and hotspot having temprature in between 100 -150 deg.
400 KV LINE Outages/Trippings							
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
CHANDRAPUR-PARLI CKT-3	IntraState	21/02/2022	09:27	21/02/2022	19:40	PO	For replacement of polymer insulator to antifog long ROD porcelain insulator
RPL(AMT) NANDGAON PETH - AKOLA II LINE II	IntraState	21/02/2022	13:17	22/02/2022	01:25	PO	Annual Maintenance of Line Equipments
DHULE- - BABLESHWAR - I	IntraState	21/02/2022	13:46	21/02/2022	20:00	PO	FOR PG ISOLATOR MAINTENANCE WORK
400 KV ICT Outages/Trippings							
400/220/33 KV 315 MVA ICT - 1 @ WALUJ	IntraState	21/02/2022	11:40			PO	1) ICT Painting Work 2)Diagnostic Testing Work 3) Routine Maintenance Work
400/220/33 KV 315 MVA ICT - 2 @ KOLHAPUR	IntraState	21/02/2022	11:40			PO	220kV CB overhauling work
220 KV TBC Outages/Trippings							
TBC @ AAREY	IntraState	21/02/2022	10:17	21/02/2022	17:29	PO	For Annual maintenance of 289C side isolator during opportunity outage of Bay-2 i.e 220kV Aarey-Goregaon Line-2
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 .
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

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 21/Feb/2022

Statement-VII

Position as on 6.30 Hrs of 22/Feb/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
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
TALANDGE - HAMIDWADA	IntraState	21/02/2022	09:20	21/02/2022	18:41	PO	QM Work
TALANDGE - HAMIDWADA	IntraState	21/02/2022	09:20	21/02/2022	18:41	PO	Quarterly Maintenance Work, Diagnostic testing.
VARKUTI- HIWARWADI	IntraState	21/02/2022	10:25	21/02/2022	17:01	PO	Restraining of conductor & cold line washing work at Loc No.188 to 200
MHAISHAL - SHEDYAL	IntraState	21/02/2022	10:37	21/02/2022	17:50	PO	Replacement of damaged conductor in Loc No.100-101 R Ph Span
ALKUD - MENDHEGIRI CKT - 2	IntraState	21/02/2022	10:45			PO	Line maintenance work by M/s Suzlon
220 KV ICT Outages/Tripping							
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 Differential protection and Declare faulty
220/33 kV 50 MVA CGL PTR 1 @ MUDSHINGI	IntraState	21/02/2022	10:40	21/02/2022	19:18	PO	Attending oil leakage of TF
220/33KV 50MVA PTR 1 @ 5 STAR MIDC, KAGAL	IntraState	21/02/2022	10:40	21/02/2022	15:20	PO	For SFRA testing work of TF1
220/132 KV 100 MVA ICT - 2 @ ALEPHATA	IntraState	21/02/2022	20:50	22/02/2022	00:32	PO	For HV & LV CB CRM measurement
220 KV BUSBAR Outages/Tripping							
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