

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Feb/2022 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	152.593	1181.978	1) Gujrat	-8.170	-71.674
2) Hydro	16.626	103.510	2) Madhya Pradesh	4.425	49.585
3) Gas	7.152	56.746	3) Chattisgarh	6.840	52.450
Total MSPGCL	176.371	1342.234	4) Maharashtra	141.695	1121.066
B) 1) APLM	71.940	551.852	5) Goa (Amona)	-1.671	-12.376
2) JSWEL	14.540	114.508	Total	143.119	1139.051
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.257	140.690
4) RPL(AMT)	28.597	221.323	b) Mumbai Drawl	20.645	167.123
5) SWPGPL	8.484	64.540	c) MSEDCL Bilateral *	67.330	536.902
6) Other IPP	40.012	319.339	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.257	140.470
C) 1) TPCL Thermal	9.898	68.197	Include PX	0.000	0.000
2) TPCL Hydro	4.086	30.773	Standby	0.000	0.220
3) TPCL Gas	3.207	25.272	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.959	80.650	1) MSEDCL	472.044	3660.710
D) STATE			2) Mumbai Discoms	47.795	372.014
1) Thermal	336.023	2602.387	3) Other Discoms	8.357	77.446
(A1+C1+C4+(B1-B6))			TOTAL STATE	528.196	4110.170
2) Hydro (A2+C2)	20.712	134.283			
3) Gas (A3+B7+C3)	10.359	82.018			
4) Wind	9.954	83.025			
6) SOLAR	8.029	69.407			
TOTAL STATE	385.077	2971.120			

* 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	6574	6525	6610	5921
MSPGCL Hydro	1318	711	348	224
MSPGCL Gas	299	278	300	302
MSPGCL Total Generation	8191	7514	7258	6447
Central Sector Receipt	7975	7891	5144	5138
WIND	159	242	838	314
CPP / IPP Thermal	6979	6998	7036	6110
CPP / IPP Gas	0	0	0	0
SOLAR	1155	1177	0	0
Exchange with Mumbai	-1125	-1171	-863	-716
MSEDCL DEMAND MET	23075	22392	19163	17063
Load Shedding	0	0	0	0
MSEDCL DEMAND	23075	22392	19163	17063
TPCL GENERATION	878	783	942	511
AEML GENERATION	490	486	489	321
MUMBAI DEMAND	2493	2440	2294	1548
OTHER DISCOM DEMAND	387	385	380	317
STATE DEMAND MET	25955	25217	21837	18928
STATE DEMAND	25955	25217	21837	18928
Frequency (Hz)	50.03	49.98	50.02	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.19 Hz at 13.01 Hrs	49.75 Hz at 06.43 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 08/Feb/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.58	28.11	165	120
Unit 7	0.00	0.00	0	0
Unit 8	13.71	111.10	603	525
Unit 9	12.70	106.13	575	490
Unit 10	11.82	101.07	515	471
Total	41.81	346.41		
Bhusawal				
Unit 3	3.40	25.84	165	115
Unit 4	0.00	0.00	0	0
Unit 5	10.00	76.48	480	285
Total	13.40	102.32		
Parli				
Unit 6	4.08	31.87	190	146
Unit 7	3.96	31.87	194	130
Unit 8	3.86	29.90	183	143
Total	11.89	93.64		
Chandrapur				
Unit 3	2.82	3.73	130	107
Unit 4	0.00	0.00	0	0
Unit 5	8.47	65.38	385	290
Unit 6	7.73	62.41	345	277
Unit 7	8.53	63.92	401	290
Unit 8	10.23	81.97	451	397
Unit 9	9.56	79.95	445	370
Total	47.34	357.36		
Paras				
Unit 3	4.94	36.65	251	140
Unit 4	4.58	35.05	246	141
Total	9.52	71.71		
Khaparkheda				
Unit 1	3.33	25.88	155	115
Unit 2	0.00	0.00	0	0
Unit 3	3.89	30.67	182	127
Unit 4	3.79	22.18	182	128
Unit 5	10.99	84.84	470	415
Total	22.00	163.57		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.38	26.41	172	117
Unit 5	3.24	20.56	179	117
Total	6.62	46.96		
Uran				
All Units	7.15	56.75	324	277
Total	7.15	56.75		
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)	0.32	1.17	40	0
Total	0.32	1.17		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.22	21.02	455	35
Stage 4	4.68	14.82	1000	0
Stage 3	1.85	8.04	240	0
Total	9.74	43.89		
Hydro				
KDPH	0.65	4.73	36	18
VTRNA	0.74	5.85	60	0
TILLARI	0.52	4.12	58	0
BHIRA T.R.	0.20	1.78	77	0
SMLHY_PTN	4.02	38.47	177	157
GHATGHAR	0.76	4.67	125	0
Total	6.88	59.62		
Wind				
Total	9.95	83.02	0	0
Total	9.95	83.02		
CPP				
APML(Mus)	71.94	551.85	0	0
JSWEL(Mus)	14.54	114.51	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	28.60	221.32	0	0
SWPGPL-Mus	8.48	64.54	0	0
Other(Mus)	40.01	319.34	0	0
Total	163.57	1271.56		
SOLAR				
Total	8.03	69.41	0	0
Total	8.03	69.41		
Tata				
Trombay 5	6.44	38.68	346	255
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.88	15.02	114	63
Trombay 7B	1.33	10.25	66	50
TATA Hydro	4.09	30.77	373	0
Trombay 8	3.45	29.51	187	132
Total	17.19	124.24		
AEMIL				
DTPS U-1&2	9.96	80.65	499	308
Total	9.96	80.65		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	152.59	1181.98	MSPGCL Total	176.37	1342.23
			MSPGCL Thml+Gas	159.74	1238.72	Koyna 1,2 & 4 Total	7.89	35.84
			MSPGCL Hydro	16.63	103.51	State Total	385.08	2971.12

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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 DEMAND	OTHER DISCOM DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	5921	224	302	6447	314	6197	0	0	5312	5138	-716	17063	0	17063	1548	317	18928	49.99
2	5925	219	304	6448	276	6260	0	0	5436	5365	-624	17433	0	17433	1446	292	19171	50.00
3	6000	225	303	6528	338	6461	0	0	5423	4963	-550	17463	0	17463	1378	277	19118	49.98
4	6013	220	323	6556	243	6683	0	0	5338	4996	-517	17680	0	17680	1345	281	19306	49.97
5	6124	225	294	6643	190	6783	0	0	5310	5331	-530	18134	0	18134	1359	283	19776	50.01
6	6442	219	324	6985	216	7053	0	0	5502	5337	-609	18700	0	18700	1461	282	20443	50.01
7	6584	745	293	7622	278	7139	0	1	5588	5583	-618	19688	0	19688	1643	317	21648	49.88
8	6594	1751	324	8669	247	7199	0	93	5372	5487	-469	20876	0	20876	1864	350	23090	49.91
9	6629	2081	293	9003	142	7175	0	410	5913	5997	-728	21629	0	21629	2145	370	24144	50.00
10	6623	2115	321	9059	109	7172	0	768	6667	6475	-889	22320	0	22320	2372	374	25066	49.98
11	6587	1936	290	8813	101	7120	0	1011	7531	7446	-1044	23050	0	23050	2498	397	25945	50.01
12	6574	1318	299	8191	159	7107	0	1155	7662	7975	-1125	23075	0	23075	2493	387	25955	50.03
13	6525	711	278	7514	242	7124	0	1177	7939	7891	-1171	22392	0	22392	2440	385	25217	49.98
14	6437	532	288	7257	304	7052	0	1129	7629	7444	-1211	21608	0	21608	2292	367	24267	50.01
15	6603	531	287	7421	429	7051	0	977	7433	7413	-1213	21720	0	21720	2277	358	24355	49.98
16	6635	609	277	7521	470	7052	0	761	7380	7283	-1152	21558	0	21558	2280	377	24215	49.91
17	6693	677	297	7667	563	7088	0	428	6634	6239	-1069	20541	0	20541	2277	375	23193	49.91
18	6702	444	289	7435	645	7061	0	115	5790	5505	-876	19511	0	19511	2276	374	22161	50.04
19	6615	351	279	7245	693	7099	0	4	5594	5194	-830	19027	0	19027	2289	378	21694	50.00
20	6610	348	300	7258	838	7166	0	0	5680	5144	-863	19163	0	19163	2294	380	21837	50.02
21	6166	307	281	6754	846	6865	0	0	5549	4829	-958	17954	0	17954	2195	382	20531	50.01
22	5823	364	311	6498	833	5917	0	0	5469	5515	-1001	17383	0	17383	2048	379	19810	50.02
23	5865	239	292	6396	761	5846	0	0	5454	5449	-994	17112	0	17112	1866	346	19324	49.99
24	5903	235	303	6441	717	5903	0	0	5366	5120	-888	16961	0	16961	1709	332	19002	50.01
MUs	152.59	16.63	7.15	176.37	9.95	163.57	0.00	8.03	146.97	143.12	-20.64	472.04	0.00	472.04	47.79	8.36	528.20	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 08/Feb/2022

Position as on 6.30 Hrs of 09/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	Khaparkheda Unit 2	210	09/12/2021	01:49		Continued.	CHP coal feeding problem(Converted to Annual Overhaul 00:00Hrs Dt. 18.12.2021)	
MSPGCL	Koyna Unit 5	80	20/12/2021	08:40		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 4	500	13/01/2022	00:00		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 U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
PGPL	PGPL U1	262	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.	
MSPGCL	Ghatghar Unit-1	125	10/11/2021	23:55		Continued.	Static frequency controller disconnecting switch short circuit problem	10/03/2022
IPP	JSW (J) U3	300	15/01/2022	07:46		Continued.	non availability of load schedule.	
MSPGCL	Chandrapur Unit 4	210	18/01/2022	23:47		Continued.	Coal Shortage	
MSPGCL	Uran Unit 5	108	03/02/2022	16:54		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Feb/2022

Statement-VII

Position as on 6.30 Hrs of 09/Feb/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV TIEBAY Outages/Trippings							
TIE BAY (711) OF AKOLA CKT - 2 & TIRODA CKT - 1 @ KORADI - 3	IntraState	08/02/2022	09:44	08/02/2022	17:28	PO	Annual Maintenance of Bay Equipments
400 KV MAINBAY Outages/Trippings							
MAIN BAY (406) OF FUTURE CKT @ KUDUS	IntraState	08/02/2022	10:54	08/02/2022	18:24	PO	Annual Maintenance of bays equipment & Diagnostics Testing Work
MAIN BAY (410) OF 765/400KV 1500 MVA ICT-1 @ EKTUNI	IntraState	08/02/2022	11:17	08/02/2022	17:26	PO	"Daignostic Testing & Routine Maintainence"
400 KV LR Outages/Trippings							
400KV Parli- LONIKAND ii 2 (Lonikand II end)	IntraState	09/02/2022	05:24			T	tripped to heavy fog
400KV Parli- LONIKAND-II 1 (LONIKAND-II end)	IntraState	09/02/2022	05:52			T	tripped due heavy fog
400 KV LINE Outages/Trippings							
WARORA - WARDHA (PG)	InterState	07/02/2022	17:49	08/02/2022	01:30	T	B-ph 24 KA 10 Km from Wardha
CHAKAN - TALEGAON(PG)	InterState	09/02/2022	03:39			T	Chakan end-Zone-1 B-ph 6.5 Km, 8.6 KA Talegaon end 9.2 Km B-ph 14.03 KA
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-KARAD CKT - 2	IntraState	08/02/2022	05:26			T	tripped on dist. protn
TBC @ BABHALESHWAR	IntraState	08/02/2022	09:32	08/02/2022	17:26	PO	Relay,Bushing, CT,CB Diagnostic testing & bay maintenance work
PARLI - KUMBHARGAON (NANDED) CKT - 1	IntraState	08/02/2022	10:05	08/02/2022	16:24	PO	1) C & tan delta measurement of reactor. 2)Bay maintenance work. 3)Hardware Tightening and Fitting Work.
LONIKAND I - CHAKAN	IntraState	09/02/2022	04:31			T	Distance Protection
PARLI - LONIKAND 2 CKT - 1	IntraState	09/02/2022	05:34			T	400 kV Karjat- Lonikand-2 Ckt-2 Line Tripped
KARAD - LONIKAND I	IntraState	09/02/2022	06:02			T	Tripped due heavy fog
KARAD - LONIKAND I	IntraState	09/02/2022	06:02			T	Tripped on Distance Protection
400 KV ICT Outages/Trippings							
400/11kV STN-4B @ DEEPNAGAR	IntraState	03/02/2022	12:57			PO	Oil Filtration and other allied works of STN - 4B at 2 x 500MW , BTPS, Deepnagar, MSPGCL
400/220/33 KV 315 MVA ICT - 1 @ DHULE	IntraState	08/02/2022	09:40	08/02/2022	11:46	PO	To attend oil leakage in main tank of R and B ph
220 KV LINE Outages/Trippings							

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 08/Feb/2022

Statement-VII

Position as on 6.30 Hrs of 09/Feb/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
AAREY - MSETCL BORIVALI CKT - 1	IntraState	28/01/2022	12:38	08/02/2022	23:07	T	TRIPPED ON DIST.PROTN
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	cABLE FAULT
BOISAR II - BOISAR (PG) CKT - 1	IntraState	02/02/2022	10:47			PO	Replacement of existing 0.4ACSR Zebra Conductor of BSR-PGCIL line no. 01 at loc. No. 07-08,06-07,05-06,04-05,03-04,02-03,01-02, 01-Boisar Gantry
GHODBUNDER - MSETCL BOISAR	IntraState	04/02/2022	13:40			T	TRIPPED ON DIST.PROTN.
KARAD - VITA CKT- 1	IntraState	07/02/2022	08:36			PO	For tower erection of Loc.no.23-24 and stringing work between Loc.no.22-23-24-25 in respect of modification of EHV lines crossing Pune � Miraj Railway electrification work
KARAD - VITA CKT- 2	IntraState	07/02/2022	08:40			PO	For tower erection of Loc.no.23-24 and stringing work between Loc.no.22-23-24-25 in respect of modification of EHV lines crossing Pune � Miraj Railway electrification work
APTA - BOMBAY DYEING	IntraState	08/02/2022	09:52	08/02/2022	17:42	PO	Diagnostic testing work & Maintenance work at both Apta and Bombay dyeing end
TAMBATI - ADLABS	IntraState	08/02/2022	10:32			PO	CB Pole overhauling work by agency and attending B ph CT oil leakage at 220KV Tambati substation end and attending Y ph CT oil leakage at 220KV Adlab substation
TATA BORIVLI MSETCL BORIVLI - 4	IntraState	08/02/2022	12:10	08/02/2022	21:55	PO	UNLOADING 220 KV GIS BAYS IN VICINITY
BORIVALI - BOISAR II LINE	IntraState	08/02/2022	13:34	08/02/2022	19:02	EO	For attending RED hot-spot at loc no. 252.
CHAKAN - CHINCHWAD 2	IntraState	09/02/2022	01:22	09/02/2022	01:45	T	Tripped from Chinchwad end only
CHAKAN - CHINCHWAD 2	IntraState	09/02/2022	03:11			T	AR success at Chakan end but PDR operated at Chinchwad Phase-2
EKLAHARA(GCR)(NASIK)-BABLESHWAR 1	IntraState	09/02/2022	04:21	09/02/2022	04:27	T	AR Success from Eklahre GCR end
URSE-CHINCHWAD	IntraState	09/02/2022	05:17	09/02/2022	05:17	T	AR Success at both end, z-2, z-3 , y-Ph, d-15 KM
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
220/132-110KV 200MVA ICT 2 @ MIRAJ	IntraState	28/01/2022	12:10			PO	Dismantling of bus post insulator jump of 220kV Main bus by hot line unit for erection of new bus post isolator
220/33-22 KV 50 MVA PTR 3 @ NERUL	IntraState	07/02/2022	11:39	08/02/2022	15:13	PO	T/F No. 3 is shifted on TBC bay. 1) Breaker Overhauling work by M/s Venkatesh Electricals Agency
220/100 KV 100 MVA ICT 1 @ VASAI-II	IntraState	08/02/2022	09:58	08/02/2022	19:12	PO	For Attending oil leakage by Goodwill agency and commissioning of REC670 relay by testing unit.
220/132KV 100MVA ICT-2 @ WALCHANDNAGAR	IntraState	08/02/2022	16:08	08/02/2022	18:08	PO	DIAGNOSTIC TESTING WORK

