

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Feb/2022 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	161.393	2121.028	1) Gujrat	-8.457	-118.945
2) Hydro	18.763	191.403	2) Madhya Pradesh	4.481	76.207
3) Gas	8.323	99.772	3) Chattisgarh	7.260	95.910
Total MSPGCL	188.479	2412.203	4) Maharashtra	144.317	1959.037
B) 1) APLM	58.607	951.637	5) Goa (Amona)	-0.755	-20.115
2) JSWEL	11.727	199.599	Total	146.846	1992.094
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.538	260.423
4) RPL(AMT)	30.069	393.142	b) Mumbai Drawl	24.962	301.298
5) SWPGPL	8.748	114.108	c) MSEDCL Bilateral *	67.229	946.243
6) Other IPP	41.245	563.724	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.538	260.203
C) 1) TPCL Thermal	9.921	130.305	Include PX	0.000	0.000
2) TPCL Hydro	4.120	49.142	Standby	0.000	0.220
3) TPCL Gas	3.681	48.585	H) ENERGY CATERED (MUs)		
4) AEML Thermal	6.768	127.659	1) MSEDCL	467.660	6474.211
D) STATE			2) Mumbai Discoms	49.451	656.991
1) Thermal	328.478	4601.202	3) Other Discoms	8.242	115.640
(A1+C1+C4+(B1-B6))			TOTAL STATE	525.353	7246.842
2) Hydro	22.883	240.545			
(A2+C2)					
3) Gas	12.004	148.357			
(A3+B7+C3)					
4) Wind	6.786	143.691			
6) SOLAR	8.357	120.951			
TOTAL STATE	378.508	5254.746			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	6944	6987	6946	6280
MSPGCL Hydro	1439	877	880	351
MSPGCL Gas	306	362	401	296
MSPGCL Total Generation	8689	8226	8227	6927
Central Sector Receipt	8101	7939	5433	4851
WIND	142	135	473	333
CPP / IPP Thermal	6364	6228	6284	5708
CPP / IPP Gas	0	0	0	0
SOLAR	966	1228	0	0
Exchange with Mumbai	-1430	-1469	-1039	-712
MSEDCL DEMAND MET	22602	22064	19116	16908
Load Shedding	0	0	0	0
MSEDCL DEMAND	22602	22064	19116	16908
TPCL GENERATION	835	771	1022	521
AEML GENERATION	283	282	282	283
MUMBAI DEMAND	2548	2522	2343	1516
OTHER DISCOM DEMAND	362	351	392	278
STATE DEMAND MET	25511	24937	21851	18702
STATE DEMAND	25511	24937	21851	18702
Frequency (Hz)	49.99	50.02	49.99	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.18 Hz at 13.01 Hrs	49.73 Hz at 06.12 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 14/Feb/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.04	50.42	185	150
Unit 7	0.00	0.00	0	0
Unit 8	14.30	194.33	607	562
Unit 9	13.10	185.30	582	507
Unit 10	12.70	176.58	569	480
Total	44.14	606.62		
Bhusawal				
Unit 3	3.47	45.16	170	120
Unit 4	0.00	0.00	0	0
Unit 5	11.14	136.68	485	425
Total	14.60	181.84		
Parli				
Unit 6	4.14	55.10	193	156
Unit 7	4.00	55.20	187	145
Unit 8	3.90	52.93	185	144
Total	12.03	163.23		
Chandrapur				
Unit 3	4.09	25.37	182	132
Unit 4	3.83	18.21	171	128
Unit 5	7.07	110.54	340	265
Unit 6	6.95	106.47	300	274
Unit 7	7.30	112.85	331	285
Unit 8	10.49	144.34	463	425
Unit 9	10.09	140.64	438	372
Total	49.81	658.41		
Paras				
Unit 3	5.04	64.60	252	141
Unit 4	4.60	61.17	238	141
Total	9.65	125.77		
Khaparkheda				
Unit 1	3.21	43.89	160	90
Unit 2	3.33	14.25	155	110
Unit 3	3.83	51.80	190	130
Unit 4	3.63	42.59	183	128
Unit 5	9.93	145.33	450	380
Total	23.92	297.87		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.75	46.93	191	117
Unit 5	3.49	40.35	185	116
Total	7.23	87.28		
Uran				
All Units	8.32	99.77	424	284
Total	8.32	99.77		
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)	0.38	2.99	42	0
Total	0.38	2.99		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.18	34.78	440	35
Stage 4	4.91	32.20	1000	0
Stage 3	2.05	14.76	240	0
Total	10.14	81.73		
Hydro				
KDPH	0.71	9.73	36	18
VTRNA	0.75	10.16	60	0
TILLARI	0.00	6.73	0	0
BHIRA T.R.	0.10	2.70	57	0
SMLHY_PTN	6.16	72.75	271	231
GHATGHAR	0.90	7.60	250	0
Total	8.62	109.67		
Wind				
Total	6.79	143.69	0	0
Total	6.79	143.69		
CPP				
APML(Mus)	58.61	951.64	0	0
JSWEL(Mus)	11.73	199.60	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	30.07	393.14	0	0
SWPGPL-Mus	8.75	114.11	0	0
Other(Mus)	41.24	563.72	0	0
Total	150.40	2222.21		
SOLAR				
Total	8.36	120.95	0	0
Total	8.36	120.95		
Tata				
Trombay 5	6.47	79.16	352	253
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.24	29.37	115	63
Trombay 7B	1.44	19.21	67	51
TATA Hydro	4.12	49.14	375	0
Trombay 8	3.46	51.14	190	131
Total	17.72	228.03		
AEMIL				
DTPS U-1&2	6.77	127.66	284	280
Total	6.77	127.66		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	161.39	2121.03	MSPGCL Total	188.48	2412.20
			MSPGCL Thml+Gas	169.72	2220.80	Koyna 1,2 & 4 Total	8.09	66.97
			MSPGCL Hydro	18.76	191.40	State Total	378.51	5254.75

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 14/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	6255	346	295	6896	389	5673	0	0	5146	5014	-827	16850	0	16850	1624	295	18769	50.02
2	6280	351	296	6927	333	5787	0	0	5170	4851	-712	16908	0	16908	1516	278	18702	50.01
3	6363	342	297	7002	293	5933	0	0	5106	4808	-644	17117	0	17117	1450	275	18842	49.98
4	6404	346	307	7057	327	5963	0	0	5186	4937	-593	17423	0	17423	1402	268	19093	49.96
5	6449	347	297	7093	290	6245	0	0	5180	5095	-612	17824	0	17824	1419	287	19530	49.97
6	6856	354	297	7507	282	6366	0	0	5348	5429	-715	18564	0	18564	1525	305	20394	49.95
7	6905	1486	297	8688	225	6426	0	0	5338	5580	-654	19925	0	19925	1702	340	21967	49.87
8	6929	2188	308	9425	294	6529	0	112	5344	5211	-674	20548	0	20548	1903	349	22800	49.98
9	6989	1991	298	9278	152	6462	0	420	6287	6094	-957	21090	0	21090	2186	359	23635	50.06
10	6967	1549	284	8800	117	6485	0	744	7573	7535	-1255	22068	0	22068	2417	358	24843	50.01
11	6944	1439	306	8689	142	6495	0	966	8317	8101	-1430	22602	0	22602	2548	362	25511	49.99
12	6956	1227	302	8485	133	6396	0	1192	8380	8103	-1490	22451	0	22451	2582	369	25401	50.01
13	6987	877	362	8226	135	6356	0	1228	8140	7939	-1469	22064	0	22064	2522	351	24937	50.02
14	6786	584	353	7723	188	6316	0	1174	7920	7849	-1354	21550	0	21550	2390	346	24286	50.04
15	6712	596	353	7661	215	6298	0	1034	8084	7800	-1388	21270	0	21270	2392	351	24012	49.98
16	6887	793	372	8052	231	6285	0	827	8210	7835	-1346	21522	0	21522	2368	362	24252	49.92
17	6925	554	395	7874	254	6237	0	499	7138	7022	-1244	20251	0	20251	2372	391	23014	49.99
18	6919	600	406	7925	304	6313	0	156	6229	6248	-1183	19376	0	19376	2349	386	22112	50.03
19	6888	524	417	7829	414	6352	0	4	5716	5868	-1030	19048	0	19048	2334	389	21771	50.01
20	6946	880	401	8227	473	6414	0	0	5625	5433	-1039	19116	0	19116	2343	392	21851	49.99
21	6807	375	421	7603	348	6366	0	0	5432	5315	-1178	18068	0	18068	2246	386	20700	50.01
22	6497	368	423	7288	373	6264	0	0	5386	5297	-1132	17715	0	17715	2108	375	20198	50.00
23	6385	328	412	7125	457	6321	0	0	5319	4940	-1080	17414	0	17414	1949	349	19712	50.00
24	6357	318	424	7099	417	6114	0	0	5275	4542	-956	16896	0	16896	1805	320	19021	49.99
MUs	161.39	18.76	8.32	188.48	6.79	150.40	0.00	8.36	150.85	146.85	-24.96	467.66	0.00	467.66	49.45	8.24	525.35	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 14/Feb/2022

Position as on 6.30 Hrs of 15/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	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 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	JSW (J) U3	300	15/01/2022	07:46	14/02/2022	12:36	non availability of load schedule.	14/02/2022
MSPGCL	Uran Unit B0	120	12/02/2022	06:37	14/02/2022	15:50	Controller Fault	
MSPGCL	Uran Unit 8	108	12/02/2022	06:37	14/02/2022	10:52	Controller Fault.	14/02/2022
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	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 14/Feb/2022

Statement-VII

Position as on 6.30 Hrs of 15/Feb/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV TIEBAY Outages/Trippings							
TIE BAY (408) OF DHARIWAL CKT - 1 & GCR CKT-2 @ CHANDRAPUR - 2	IntraState	14/02/2022	12:45	14/02/2022	18:01	EO	For attending Hot spot at Y ph 89A isolator female contacts line dropper side of 400KV Dhariwal Ckt. I and R ph 89B isolator female contacts line dropper side of 400KV GCR ckt. II
400 KV LINE Outages/Trippings							
SOLAPUR PG - ALKUD	InterState	14/02/2022	10:35	14/02/2022	18:51	PO	QM work
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.
400 KV WALUJ (400 KV) - BABHALESHWAR CKT	IntraState	14/02/2022	16:43	15/02/2022	00:16	EO	To Attend Low vertical clearance betn OPGW & R-Ph Conductor of newly constructed tower crossing.
400 KV BUSBAR Outages/Trippings							
MAIN BAY (403) OF ICT - 1 @ KARJAT	IntraState	14/02/2022	14:27	14/02/2022	18:55	EO	Approval to hand trip 400/220KV, 501MVA ICT 1 at 400kV Karjat Substation for the work of the alignment/proper working of tap changer by Tap changer manufacture CTR along with Toshiba, ICT manufacturer representative. ICT 1 already H/T form HV side due to abnormal sound.
220 KV LINE Outages/Trippings							
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	cABLE FAULT
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
MHAISHAL - SHEDYAL	IntraState	14/02/2022	09:12	14/02/2022	18:04	PO	String replacement work
TALANDGE - SAWANTWADI	IntraState	14/02/2022	09:17	14/02/2022	18:37	PO	Overhauling of 220kV Talandage Line bay CB at 220kV Sawantwadi S/s.

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 14/Feb/2022

Statement-VII

Position as on 6.30 Hrs of 15/Feb/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
TROMBAY SALSETTE LINE-2	IntraState	14/02/2022	09:51	14/02/2022	18:16	PO	CLOSER INSPECTION AND R/M AT TROMBAY
HAMIDWADA - MUMEWADI	IntraState	14/02/2022	10:25	14/02/2022	17:09	PO	Quarterly Maintainance Work, Diagnostic testing.
SALSETTE - SAHAR CKT	IntraState	14/02/2022	10:30	14/02/2022	17:39	PO	SHED REMOVAL INCLOSE VICINITY OF LINE
NAGOTHANE - WADKHAL (GIS) CKT-1	IntraState	14/02/2022	11:37	14/02/2022	15:38	HT	replacement of suspension polymer
NAGOTHANE - WADKHAL (GIS) CKT-2	IntraState	14/02/2022	15:55	14/02/2022	18:35	EO	Replacement of suspension polymer insulator near creek area and other routine maintenance work. Cold line cleaning of insulators
WAGHIVALI - DHARAVI 8	IntraState	14/02/2022	22:37	15/02/2022	03:34	PO	INSTALLATION OF PRESSURE SWITCH
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 dismantailing 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 Diferential protection and Declare faulty
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
220/100 KV 200 MVA ICT 3 @ PADGHE	IntraState	14/02/2022	09:39			PO	1. Retrofitting of REF relay for MTAMC work 2. Diagnostic testing work 3. Anticorrosive painting work
220/132 KV 200 MVA PTR NO 5 @ PARVATI	IntraState	14/02/2022	10:20	14/02/2022	16:18	PO	1) For annual relay testing. 2) Y ph LV CT Tan delta Measurement which is higher trend observe.
220/132 KV 100 MVA ICT 3 @ LONAND	IntraState	14/02/2022	11:07	14/02/2022	15:41	PO	SFRA & DFRA testing work & Q.M work
220/132 KV 100 MVA ICT - 1 @ ALEPHATA	IntraState	14/02/2022	11:38	14/02/2022	17:48	PO	For attending CTR breakdown work.
220/132KV 100MVA ICT - 2 @ KALWAN	IntraState	14/02/2022	14:30	14/02/2022	16:30	EO	for oil topup in conservator tank
220/33kV 125 MVA TF 5 @ VERSOVA (AEML)	IntraState	15/02/2022	06:34			T	TRIPPED ON DIFFERENTIAL PROTECTION
220 KV BUSBAR Outages/Tripping							
GIS BUS - 2 @ KARANJADE	IntraState	13/02/2022	08:41	14/02/2022	02:10		For new Reactor Bay installation work

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