

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Feb/2022 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	152.425	300.121	1) Gujrat	-8.862	-19.048
2) Hydro	13.415	27.800	2) Madhya Pradesh	5.814	11.634
3) Gas	7.078	14.132	3) Chattisgarh	5.260	10.910
Total MSPGCL	172.918	342.053	4) Maharashtra	143.551	285.418
B) 1) APLM	69.555	138.702	5) Goa (Amona)	-1.341	-2.957
2) JSWEL	13.695	28.257	Total	144.422	285.957
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.721	42.082
4) RPL(AMT)	27.248	54.039	b) Mumbai Drawl	23.494	47.240
5) SWPGPL	8.243	16.477	c) MSEDCL Bilateral *	61.705	132.089
6) Other IPP	40.155	79.621	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.679	41.861
C) 1) TPCL Thermal	5.055	9.366	Include PX	0.000	0.000
2) TPCL Hydro	5.810	10.877	Standby	0.042	0.220
3) TPCL Gas	3.675	7.712	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.135	19.953	1) MSEDCL	459.988	911.077
D) STATE			2) Mumbai Discoms	48.169	95.148
1) Thermal	326.511	646.536	3) Other Discoms	8.348	18.282
(A1+C1+C4+(B1-B6))			TOTAL STATE	516.505	1024.507
2) Hydro (A2+C2)	19.225	38.677			
3) Gas (A3+B7+C3)	10.753	21.844			
4) Wind	6.714	13.564			
6) SOLAR	8.880	17.929			
TOTAL STATE	372.083	738.550			

* 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 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	6850	6872	6697	5202
MSPGCL Hydro	1160	502	376	279
MSPGCL Gas	294	291	283	307
MSPGCL Total Generation	8304	7665	7356	5788
Central Sector Receipt	7743	7169	5411	5343
WIND	92	138	401	897
CPP / IPP Thermal	6899	6828	6898	5368
CPP / IPP Gas	0	0	0	0
SOLAR	1064	1274	0	0
Exchange with Mumbai	-1160	-1218	-1005	-834
MSEDCL DEMAND MET	22691	21636	18800	16338
Load Shedding	0	0	0	0
MSEDCL DEMAND	22691	21636	18800	16338
TPCL GENERATION	844	746	845	552
AEML GENERATION	500	499	499	350
MUMBAI DEMAND	2504	2463	2349	1736
OTHER DISCOM DEMAND	378	349	389	324
STATE DEMAND MET	25573	24448	21538	18398
STATE DEMAND	25573	24448	21538	18398
Frequency (Hz)	50.02	50.03	50.03	50.06

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.2 Hz at 16.03 Hrs	49.75 Hz at 07.27 Hrs	50.02	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 02/Feb/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.78	7.32	180	120
Unit 7	0.00	0.00	0	0
Unit 8	14.24	27.99	603	535
Unit 9	13.84	26.89	605	506
Unit 10	13.04	25.68	573	489
Total	44.91	87.89		
Bhusawal				
Unit 3	3.09	6.50	145	110
Unit 4	0.00	0.00	0	0
Unit 5	9.15	18.71	470	280
Total	12.24	25.22		
Parli				
Unit 6	4.35	8.93	227	145
Unit 7	4.30	8.72	234	140
Unit 8	3.93	7.79	195	141
Total	12.57	25.44		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	8.33	16.12	390	290
Unit 6	8.11	15.28	395	275
Unit 7	7.80	15.44	370	288
Unit 8	10.55	20.99	473	324
Unit 9	10.66	20.52	470	305
Total	45.45	88.35		
Paras				
Unit 3	4.67	9.40	257	139
Unit 4	4.25	8.97	225	141
Total	8.92	18.37		
Khaparkheda				
Unit 1	3.22	6.47	150	115
Unit 2	0.00	0.00	0	0
Unit 3	4.01	7.46	200	127
Unit 4	3.56	6.04	165	125
Unit 5	11.18	21.90	500	275
Total	21.98	41.87		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.30	6.78	180	120
Unit 5	3.06	6.19	154	111
Total	6.35	12.98		
Uran				
All Units	7.08	14.13	318	280
Total	7.08	14.13		
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)	0.13	0.31	27	0
Total	0.13	0.31		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.30	5.36	470	35
Stage 4	2.35	4.34	493	0
Stage 3	1.18	1.94	240	0
Total	5.83	11.65		
Hydro				
KDPH	0.86	1.73	36	36
VTRNA	0.80	1.43	60	0
TILLARI	0.41	0.99	58	0
BHIRA T.R.	0.30	0.62	77	0
SMLHY_PTN	4.74	10.18	231	174
GHATGHAR	0.47	1.21	125	0
Total	7.58	16.15		
Wind				
Total	6.71	13.56	0	0
Total	6.71	13.56		
CPP				
APML(Mus)	69.56	138.70	0	0
JSWEL(Mus)	13.70	28.26	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	27.25	54.04	0	0
SWPGPL-Mus	8.24	16.48	0	0
Other(Mus)	40.16	79.62	0	0
Total	158.90	317.10		
SOLAR				
Total	8.88	17.93	0	0
Total	8.88	17.93		
Tata				
Trombay 5	0.52	0.52	167	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.24	4.75	115	62
Trombay 7B	1.44	2.96	67	50
TATA Hydro	5.81	10.88	447	0
Trombay 8	4.54	8.85	224	131
Total	14.54	27.96		
AEML				
DTPS U-1&2	10.14	19.95	501	287
Total	10.14	19.95		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	152.42	300.12	MSPGCL Total	172.92	342.05
			MSPGCL Thml+Gas	159.50	314.25	Koyna 1,2 & 4 Total	4.65	9.71
			MSPGCL Hydro	13.42	27.80	State Total	372.08	738.55

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 02/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	5804	312	297	6413	58	5770	0	0	5244	5467	-826	16584	0	16584	1524	298	18406	49.96
2	5811	300	298	6409	72	5870	0	0	5552	5405	-743	16734	0	16734	1430	279	18443	50.04
3	5822	305	307	6434	72	6195	0	0	5585	5294	-753	16965	0	16965	1369	277	18611	50.03
4	5958	301	298	6557	104	6272	0	0	5609	5363	-733	17293	0	17293	1333	270	18896	50.02
5	6097	293	297	6687	88	6357	0	0	5620	5435	-749	17523	0	17523	1349	295	19167	50.00
6	6331	293	308	6932	102	6791	0	0	5620	5333	-772	18070	0	18070	1454	316	19840	50.02
7	6681	345	298	7324	76	7078	0	2	5604	5531	-601	19073	0	19073	1632	337	21042	49.98
8	6790	1096	309	8195	113	7191	0	77	5801	5562	-629	20147	0	20147	1842	362	22351	49.95
9	6804	1448	318	8570	116	7025	0	475	6256	6266	-830	21245	0	21245	2123	377	23745	50.04
10	6905	1270	296	8471	95	7068	0	836	6940	6923	-1026	21977	0	21977	2367	390	24734	50.01
11	6850	1160	294	8304	92	7026	0	1064	7655	7743	-1160	22691	0	22691	2504	378	25573	50.02
12	6879	883	281	8043	137	7002	0	1226	7823	7840	-1242	22639	0	22639	2529	367	25535	50.02
13	6872	502	291	7665	138	6957	0	1274	7482	7169	-1218	21636	0	21636	2463	349	24448	50.03
14	6570	642	280	7492	128	6721	0	1244	7343	7333	-1275	21285	0	21285	2339	358	23982	50.03
15	6378	736	280	7394	173	6726	0	1106	7475	7476	-1423	21095	0	21095	2337	357	23789	49.98
16	6603	414	280	7297	217	6878	0	890	7546	7193	-1390	20723	0	20723	2339	362	23424	49.98
17	6725	475	282	7482	263	6986	0	534	6603	6255	-1281	19856	0	19856	2344	383	22583	50.01
18	6764	420	283	7467	359	7037	0	152	5723	5261	-1009	18882	0	18882	2333	385	21600	50.03
19	6697	376	283	7356	401	7026	0	0	5942	5411	-1005	18800	0	18800	2349	389	21538	50.03
20	6503	453	305	7261	540	7024	0	0	5965	5294	-989	18739	0	18739	2337	391	21467	50.03
21	6253	358	294	6905	626	6806	0	0	5109	4900	-980	17871	0	17871	2208	386	20465	50.02
22	5719	434	296	6449	827	5961	0	0	5556	5404	-1050	17215	0	17215	2039	376	19630	50.04
23	5407	320	296	6023	1020	5661	0	0	5545	5222	-976	16607	0	16607	1889	343	18839	50.04
24	5202	279	307	5788	897	5468	0	0	5456	5343	-834	16338	0	16338	1736	324	18398	50.06
MUs	152.43	13.41	7.08	172.92	6.71	158.90	0.00	8.88	149.05	144.42	-23.49	459.99	0.00	459.99	48.17	8.35	516.51	50.02

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 02/Feb/2022

Position as on 6.30 Hrs of 03/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 STG-IV Unit-4	250	22/11/2021	09:55	02/02/2022	20:55	Annual Overhaul	
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	
TPC-G	Trombay 5	500	28/01/2022	09:26	02/02/2022	20:27	BOILER RECERTIFICATION WORK.	
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	Chandrapur Unit 3	210	19/01/2022	00:00		Continued.	Coal Shortage	
MSPGCL	Uran Unit B0	120	29/01/2022	22:19		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	29/01/2022	22:58		Continued.	Gas shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 02/Feb/2022

Statement-VII

Position as on 6.30 Hrs of 03/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/Tripping							
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.
JAIGAD - KARAD CKT - 2	IntraState	01/02/2022	22:05	02/02/2022	09:12	HT	OV
BABHALESHWAR - PADGHE CKT-1	IntraState	02/02/2022	21:06	03/02/2022	01:58	EO	Replacement of R-Phase Wave Trap due to red hot on clamp and nut bolt replacement of clamps not possible.
MAIN BUS - 2 @ LONIKAND 2	IntraState	03/02/2022	09:25			PO	Diagnostic testing and Maintenance.
400 KV ICT Outages/Tripping							
400/220/20 KV 300 MVA ICT - 1 @ KORADI	IntraState	02/02/2022	09:44			PO	For retrofitting of 4 nos. of trip relay under MTAMC project
400/220/33 KV 500MVA ICT - 3 @ NAGOTHANE	IntraState	02/02/2022	10:22	02/02/2022	16:50	PO	For taking DCRM OF HV CB
400/220/33 KV 500 MVA ICT - 1 @ LAMBOTI	IntraState	02/02/2022	13:14	02/02/2022	14:51	PO	Diagnostic Testing work
220 KV MAINBAY Outages/Tripping							
BUS COUPLER @ LAMBOTI	IntraState	02/02/2022	10:13	02/02/2022	11:54	PO	Diagnostic Testing work.
BUS COUPLER @ SOUTH SOLAPUR	IntraState	02/02/2022	13:55	02/02/2022	18:04	PO	An outage is required for DIAGNOSTIC TESTING WORK
220 KV LINE Outages/Tripping							
CREEK SIDE BUS @ KALWA	IntraState	26/01/2022	13:33	02/02/2022	21:12	PO	1) 220 KV Main Bus conductor replacement 2) Earthwire replacement
AAREY - MSETCL BORIVALI CKT - 1	IntraState	28/01/2022	12:38			T	TRIPPED ON DIST.PROTN
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	cABLE FAULT
PADGHE - NALASOPARA	IntraState	02/02/2022	04:06	02/02/2022	12:18	T	B-ph 58 Km from Padghe
KHADKI- CENTURY ENKA	IntraState	02/02/2022	10:32	02/02/2022	16:30	PO	CB servicing and overhauling
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
PEDHAMBE ONI LINE	IntraState	02/02/2022	14:38	02/02/2022	16:17	T	TRIPPED ON BACK UP PROTN
KARAD - KADEGAON	IntraState	02/02/2022	15:25	02/02/2022	18:08	PO	Relay testing work
TILLARI - AMONA LINE	IntraState	02/02/2022	17:10	02/02/2022	18:30	T	Tripped on PDR Protection
PEDAMBE-KALAMBANI(TSS)	IntraState	03/02/2022	05:58			T	TRIPPED ON DIST. PROTN
BORIVALI - TARAPUR	IntraState	03/02/2022	06:52	03/02/2022	12:56	T	TRIPPED ON DIST. PROTN
MUMEWADI -HALKARNI 2 LINE	IntraState	03/02/2022	10:10			PO	Dignostic testing and meggering of CB,CT and QM of the bay.
HINJAWADI I- CHINCHWAD	IntraState	03/02/2022	11:03			PO	220KV R,Y&B phase CT replacement work & Bus post insulator replacement work

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 02/Feb/2022

Statement-VII

Position as on 6.30 Hrs of 03/Feb/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
BUS SECTION - 1 @ TROMBAY	IntraState	03/02/2022	11:45			PO	Erection of BPI structure after Bus Isolator (B phase) of 220 kv Trombay Kalwa Line.
URSE - TALEGAON (AMBI) CKT 1	IntraState	03/02/2022	12:37			PO	Half Yearly Maintenance & Diagnostic Testing work at Urse & Talegaon (Ambi) end.
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
220/100 KV 100 MVA ICT 2 @ KANDALGAON	IntraState	01/02/2022	11:50			PO	Attending of oil leakage of ICT-2 by M/s Trafocare
220/132 KV 100MVA ICT 2 @ SOUTH SOLAPUR	IntraState	02/02/2022	09:16	02/02/2022	13:45	PO	Outage is required for Quarterly Maintenance
220/132-110 KV 100 MVA ICT 1	IntraState	02/02/2022	11:45	02/02/2022	13:40	PO	Winding resistance testing work
220/132 KV 200 MVA PTR NO 3 @ PHURSUNGI	IntraState	03/02/2022	09:10			PO	ICT diagnostic testing work and CTR work
220/22 KV 50 MVA PTR 1 @ MAHAD	IntraState	03/02/2022	10:33			PO	Y phase bushing replace work.
132 KV LINE Outages/Trippings							
WAGHDARI - AKKALKOT	IntraState	02/02/2022	16:25			PO	An outage is required for Quarterly Maintenance
WAGHDARI - AKKALKOT	IntraState	02/02/2022	16:25	02/02/2022	20:20	PO	An outage is required for Quarterly Maintenance
132 KV BUSBAR Outages/Trippings							
MAIN BUS - 1 @ WAGHDARI	IntraState	02/02/2022	16:25	02/02/2022	20:20	PO	Outage is required for Quarterly maintenance work.

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