

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Feb/2022 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	168.250	2632.827	1) Gujrat	-7.091	-142.377
2) Hydro	17.230	241.859	2) Madhya Pradesh	5.186	90.991
3) Gas	10.294	130.948	3) Chattisgarh	5.570	115.260
Total MSPGCL	195.774	3005.634	4) Maharashtra	147.044	2395.561
B) 1) APLM	57.861	1123.029	5) Goa (Amona)	-1.293	-23.711
2) JSWEL	14.816	243.615	Total	149.416	2435.724
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.273	325.230
4) RPL(AMT)	24.659	473.049	b) Mumbai Drawl	23.851	373.112
5) SWPGPL	9.092	140.882	c) MSEDCL Bilateral *	70.595	1159.366
6) Other IPP	41.291	687.049	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.273	325.009
C) 1) TPCL Thermal	10.500	161.510	Include PX	0.000	0.000
2) TPCL Hydro	4.285	62.054	Standby	0.000	0.220
3) TPCL Gas	4.116	61.203	H) ENERGY CATERED (MUs)		
4) AEML Thermal	6.777	148.003	1) MSEDCL	472.492	7902.192
D) STATE			2) Mumbai Discoms	49.529	805.884
1) Thermal	333.246	5609.964	3) Other Discoms	8.372	140.730
(A1+C1+C4+(B1-B6))			TOTAL STATE	530.393	8848.806
2) Hydro	21.515	303.913			
3) Gas	14.410	192.151			
4) Wind	4.408	162.611			
6) SOLAR	7.398	144.441			
TOTAL STATE	380.977	6413.080			

* 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 24 Hrs
MSPGCL Thermal	7273	7230	6878	6531
MSPGCL Hydro	1779	626	671	330
MSPGCL Gas	319	437	433	447
MSPGCL Total Generation	9371	8293	7982	7308
Central Sector Receipt	8131	7971	6215	4978
WIND	168	209	148	217
CPP / IPP Thermal	6171	6159	6276	5663
CPP / IPP Gas	0	0	0	0
SOLAR	952	1069	0	0
Exchange with Mumbai	-1382	-1399	-992	-913
MSEDCL DEMAND MET	23160	22048	19363	17045
Load Shedding	0	0	0	0
MSEDCL DEMAND	23160	22048	19363	17045
TPCL GENERATION	917	842	1086	576
AEML GENERATION	281	281	283	283
MUMBAI DEMAND	2580	2522	2361	1772
OTHER DISCOM DEMAND	379	379	394	320
STATE DEMAND MET	26118	24949	22118	19137
STATE DEMAND	26118	24949	22118	19137
Frequency (Hz)	50.03	50.01	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.16 Hz at 18:02 Hrs	49.79 Hz at 22:09 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 17/Feb/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.11	62.84	175	160
Unit 7	0.00	0.00	0	0
Unit 8	14.02	236.19	608	551
Unit 9	12.54	225.34	575	435
Unit 10	13.07	214.93	596	510
Total	43.75	739.31		
Bhusawal				
Unit 3	3.34	55.02	170	105
Unit 4	6.48	18.40	500	0
Unit 5	10.56	169.07	480	410
Total	20.38	242.49		
Parli				
Unit 6	4.24	67.65	190	155
Unit 7	4.06	67.37	184	141
Unit 8	3.92	64.66	180	145
Total	12.23	199.68		
Chandrapur				
Unit 3	4.38	38.28	186	171
Unit 4	4.17	30.30	176	161
Unit 5	8.90	135.54	385	345
Unit 6	0.00	120.17	0	0
Unit 7	8.80	139.06	400	292
Unit 8	11.39	177.93	482	455
Unit 9	10.15	170.02	452	396
Total	47.79	811.30		
Paras				
Unit 3	5.42	80.44	250	148
Unit 4	5.15	76.46	239	151
Total	10.58	156.90		
Khaparkheda				
Unit 1	3.55	54.00	155	130
Unit 2	3.74	24.86	165	135
Unit 3	3.66	63.19	188	129
Unit 4	4.18	54.28	188	133
Unit 5	10.97	177.59	490	440
Total	26.11	373.93		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.83	58.22	191	120
Unit 5	3.59	51.00	185	119
Total	7.41	109.22		
Uran				
All Units	10.29	130.95	461	297
Total	10.29	130.95		
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)	0.28	3.78	38	0
Total	0.28	3.78		
Koyana				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.44	42.19	445	35
Stage 4	4.01	44.60	977	0
Stage 3	1.22	18.85	240	0
Total	7.67	105.65		
Hydro				
KDPH	0.43	11.04	18	18
VTRNA	0.78	12.40	60	0
TILLARI	0.52	7.66	58	0
BHIRA T.R.	0.20	3.34	77	0
SMLHY_PTN	6.52	92.00	279	255
GHATGHAR	1.10	9.78	250	0
Total	9.56	136.21		
Wind				
Total	4.41	162.61	0	0
Total	4.41	162.61		
CPP				
APML(Mus)	57.86	1123.03	0	0
JSWEL(Mus)	14.82	243.62	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	24.66	473.05	0	0
SWPGPL-Mus	9.09	140.88	0	0
Other(Mus)	41.29	687.05	0	0
Total	147.72	2667.62		
SOLAR				
Total	7.40	144.44	0	0
Total	7.40	144.44		
Tata				
Trombay 5	7.05	100.00	386	260
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.58	37.30	115	76
Trombay 7B	1.54	23.91	67	55
TATA Hydro	4.28	62.05	402	0
Trombay 8	3.45	61.51	190	132
Total	18.90	284.77		
AEML				
DTPS U-1&2	6.78	148.00	284	280
Total	6.78	148.00		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	168.25	2632.83	MSPGCL Total	195.77	3005.63
			MSPGCL Thml+Gas	178.54	2763.78	Koyna 1,2 & 4 Total	6.45	86.80
			MSPGCL Hydro	17.23	241.86	State Total	380.98	6413.08

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 17/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	6774	308	447	7529	242	5768	0	0	5316	5076	-760	17554	0	17554	1621	300	19476	49.98
2	6887	316	458	7661	212	5729	0	0	5329	5349	-649	18022	0	18022	1510	279	19812	49.99
3	7104	322	459	7885	236	5840	0	0	5323	4926	-583	18037	0	18037	1446	267	19750	50.01
4	7235	334	447	8016	237	5884	0	0	5253	5003	-554	18319	0	18319	1416	267	20002	50.01
5	7283	328	461	8072	229	6114	0	0	5188	4995	-578	18529	0	18529	1432	303	20264	50.02
6	7385	337	450	8172	215	6219	0	0	5506	5550	-633	19206	0	19206	1537	317	21060	50.01
7	7430	726	459	8615	200	6305	0	22	5370	5538	-589	19751	0	19751	1719	340	21810	49.92
8	7426	1915	460	9801	237	6360	0	144	5468	5513	-631	21073	0	21073	1919	351	23343	49.95
9	7425	2077	424	9926	156	6305	0	412	5953	6109	-885	21646	0	21646	2194	377	24217	50.03
10	7367	1964	297	9628	141	6338	0	740	6932	6974	-1147	22295	0	22295	2436	379	25110	50.02
11	7273	1779	319	9371	168	6298	0	952	7869	8131	-1382	23160	0	23160	2580	379	26118	50.03
12	7261	1116	401	8778	190	6303	0	1131	8144	8117	-1446	22691	0	22691	2599	382	25672	50.01
13	7230	626	437	8293	209	6284	0	1069	8165	7971	-1399	22048	0	22048	2522	379	24949	50.01
14	6990	471	417	7878	209	6222	0	974	8073	7926	-1380	21461	0	21461	2392	368	24221	50.02
15	6719	444	437	7600	147	6241	0	875	8416	8007	-1388	21104	0	21104	2399	378	23881	50.00
16	6827	451	426	7704	118	6250	0	606	8311	7844	-1360	20777	0	20777	2377	384	23539	49.97
17	6892	566	417	7875	110	6323	0	372	7251	6966	-1275	20007	0	20007	2372	364	22743	49.96
18	6858	473	440	7771	88	6366	0	99	6274	6114	-1071	18983	0	18983	2348	383	21714	49.96
19	6749	461	432	7642	83	6354	0	2	5797	5842	-937	18597	0	18597	2352	389	21338	50.00
20	6878	671	433	7982	148	6404	0	0	5895	6215	-992	19363	0	19363	2361	394	22118	49.99
21	6801	456	443	7700	207	6309	0	0	5437	5318	-1170	17988	0	17988	2233	376	20597	49.97
22	6494	392	446	7332	214	5919	0	0	5573	5627	-1093	17633	0	17633	2075	366	20074	50.00
23	6431	367	437	7235	195	5810	0	0	5529	5327	-1036	17202	0	17202	1917	329	19448	49.98
24	6531	330	447	7308	217	5775	0	0	5490	4978	-913	17045	0	17045	1772	320	19137	50.00
MUs	168.25	17.23	10.29	195.77	4.41	147.72	0.00	7.40	151.86	149.42	-23.85	472.49	0.00	472.49	49.53	8.37	530.39	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 17/Feb/2022

Position as on 6.30 Hrs of 18/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 Vabration high	
MSPGCL	Uran Unit 5	108	17/02/2022	09:06	17/02/2022	09:57	Gas shortage	
MSPGCL	Bhusawal Unit 4	500	17/02/2022	13:24		Continued.	Turbine bearing Vabration high	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Feb/2022

Statement-VII

Position as on 6.30 Hrs of 18/Feb/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV MAINBAY Outages/Trippings							
BUS COUPLER @ BABHALESHWAR	IntraState	17/02/2022	13:04	17/02/2022	17:42	PO	Relay,Bushing, CT,CB Diagnostic testing & bay maintenance work
400 KV LINE Outages/Trippings							
DHULE - SSNNL CKT - 2	InterState	17/02/2022	08:28	17/02/2022	18:24	HT	Work at GETCO end
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.
CHANDRAPUR 2 - KUMBHARGAON(NANDED) CKT - 2	IntraState	17/02/2022	09:03	17/02/2022	15:54	PO	For replacement of polymer insulator to antifog long ROD porcelain insulator
KARAD - TALANDGE CKT - 1	IntraState	17/02/2022	10:12	17/02/2022	18:30	PO	400kV Y ph CVT replacement work due to higher tan delta value
LONIKAND I - KOYNA STAGE-IV	IntraState	17/02/2022	13:04	17/02/2022	17:33	PO	Half yearly DT & Maintenance.
400 KV ICT Outages/Trippings							
400/220/33 KV 500MVA ICT - 2 @ LONIKAND 2	IntraState	17/02/2022	09:33	17/02/2022	21:21	EO	To Replace the IV Bushing of 167 MVA B Ph unit of 501 MVA ICT2 due to low oil level.
400/220/33 KV 500 MVA ICT - 1 @ NANDED	IntraState	17/02/2022	11:16	17/02/2022	17:48	PO	Annual Maintenance and ICT testing works
220 KV MAINBAY Outages/Trippings							
MAIN BUS PT @ MAHAPE	IntraState	18/02/2022	09:17			PO	220 KV MAIN BUS PT MEGGER, TAN DELTA TESTING AND ROUTINE MAINTENANCE WORK FOR BUS ISOLATORS AND R&M WORK FOR TF-2 by availing outage on 220KV Main Bus section-2
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	18/02/2022	04:24	T	TRIPPED ON DIST.PROTN.
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 .
CHAKAN (400KV) - VOLKSWAGEN	IntraState	17/02/2022	08:36	17/02/2022	18:32	PO	Maintenance, Diagnostic testing work,,attending hotsopt on R phase CT and attending Y phase CT oil leakage problem
KHAREPATAN -PAWAS LINE	IntraState	17/02/2022	09:13	17/02/2022	17:43	PO	For Overhauling & servicing of Siemens make CB of Kharepatan Line bay at Pawas end.
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	17/02/2022	10:18	17/02/2022	18:00	PO	diagnostic testing work and bay maintenance work

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Feb/2022

Statement-VII

Position as on 6.30 Hrs of 18/Feb/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
URAN - APTA 2	IntraState	17/02/2022	10:25	17/02/2022	14:54	PO	Diagnostic Testing work(CT C & Tan delta and maintenance work)
LONIKAND 2 - BHOSARI	IntraState	17/02/2022	10:44	17/02/2022	18:46	PO	Due to high Tan delta values of CT replacement work as per LE Scheme
ALKUD - MENDHEGIRI CKT - 1	IntraState	17/02/2022	10:50			PO	Line maintenance work by M/s Suzlon
ALEPHATA-PARGAON(KATHAPUR)	IntraState	17/02/2022	13:27	17/02/2022	18:58	PO	For CT Tan Delta Measurement both substation
TROMBAY DHARAVI - 5	IntraState	17/02/2022	14:07	17/02/2022	15:02	EO	FOR REMOVING BROKEN MESH IN 220 KV TROMBAY SWITCHYARD
URAN - APTA 3	IntraState	17/02/2022	15:04	17/02/2022	18:43	PO	Diagnostic Testing work(CT C & Tan delta and maintenance work)
TROMBAY - SALSETTE CKT - 1	IntraState	17/02/2022	23:07			PO	P40 Stub Column Shuttering and Deshuttering work
TROMBAY SALSETTE LINE-2	IntraState	17/02/2022	23:12			PO	P40 Stub Column Shuttering and Deshuttering work
GHODBUNDER - MSETCL BOISAR	IntraState	17/02/2022	23:45	18/02/2022	04:22	EO	Cable termination jumpers on CTT tower no. 241 are required to be made through to establish connection between AEML Ghodbunder and MSETCL Boisar after completion of soak test of faulty cable.
BORIVALI - BOISAR II LINE	IntraState	17/02/2022	23:46	18/02/2022	01:55	EO	Safety purpose for Cable termination jumpers on CTT tower no. 241 are required to be made through to establish connection between AEML Ghodbunder and MSETCL Boisar
DAHANU - GHODBUNDER CKT - 2	IntraState	18/02/2022	06:11			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
WADA - BHAVEGHAR	IntraState	18/02/2022	08:25			PO	For all Diagnostic testing and Routine Maintenance Work at 220 kV Wada SS.
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
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
220/132-110KV 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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Feb/2022

Statement-VII

Position as on 6.30 Hrs of 18/Feb/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/22KV 50MVA PTR 2	IntraState	17/02/2022	11:35	17/02/2022	18:02	PO	220KV D Isolator Box replacement & Isolator Maintenance work, Attending hot Sot
220 KV BUSBAR Outages/Trippings							
GIS BUS - 1 @ KARANJADE	IntraState	15/02/2022	08:59			PO	BUS-1 EXTENSION FOR REACTOR CONNECTION
BUS SECTION-2 @ MAHAPE	IntraState	18/02/2022	09:20			PO	220 KV MAIN BUS PT MEGGER, TAN DELTA TESTING AND ROUTINE MAINTENANCE WORK FOR BUS ISOLATORS AND R&M WORK FOR TF-2.

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