

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Feb/2022 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	178.623	2464.577	1) Gujrat	-7.828	-135.286
2) Hydro	15.605	224.629	2) Madhya Pradesh	4.728	85.805
3) Gas	10.537	120.654	3) Chattisgarh	6.680	109.690
Total MSPGCL	204.765	2809.860	4) Maharashtra	143.511	2248.517
B) 1) APLM	55.724	1065.168	5) Goa (Amona)	-1.212	-22.418
2) JSWEL	14.839	228.799	Total	145.879	2286.308
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.275	303.957
4) RPL(AMT)	24.848	448.390	b) Mumbai Drawl	23.684	349.261
5) SWPGPL	8.955	131.790	c) MSEDCL Bilateral *	70.431	1088.771
6) Other IPP	40.857	645.758	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.275	303.737
C) 1) TPCL Thermal	10.654	151.010	Include PX	0.000	0.000
2) TPCL Hydro	4.303	57.769	Standby	0.000	0.220
3) TPCL Gas	4.297	57.087	H) ENERGY CATERED (MUs)		
4) AEML Thermal	6.781	141.226	1) MSEDCL	477.871	7429.699
D) STATE			2) Mumbai Discoms	49.719	756.355
1) Thermal	341.281	5276.718	3) Other Discoms	8.417	132.359
(A1+C1+C4+(B1-B6))			TOTAL STATE	536.007	8318.413
2) Hydro (A2+C2)	19.908	282.398			
3) Gas (A3+B7+C3)	14.834	177.741			
4) Wind	6.368	158.203			
6) SOLAR	7.737	137.043			
TOTAL STATE	390.128	6032.103			

* 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 1 Hrs
MSPGCL Thermal	7820	7637	7724	6750
MSPGCL Hydro	1343	474	472	324
MSPGCL Gas	430	417	443	420
MSPGCL Total Generation	9593	8528	8639	7494
Central Sector Receipt	7945	8046	5587	5452
WIND	118	185	291	174
CPP / IPP Thermal	6146	6120	6040	5380
CPP / IPP Gas	0	0	0	0
SOLAR	1018	1168	0	0
Exchange with Mumbai	-1311	-1394	-986	-773
MSEDCL DEMAND MET	23250	22408	19320	17537
Load Shedding	0	0	0	0
MSEDCL DEMAND	23250	22408	19320	17537
TPCL GENERATION	990	854	1129	568
AEML GENERATION	283	284	281	282
MUMBAI DEMAND	2584	2532	2396	1623
OTHER DISCOM DEMAND	388	373	382	301
STATE DEMAND MET	26222	25313	22098	19461
STATE DEMAND	26222	25313	22098	19461
Frequency (Hz)	49.97	50.00	50.02	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.18 Hz at 06.01 Hrs	49.78 Hz at 06.13 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 16/Feb/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.24	58.73	185	165
Unit 7	0.00	0.00	0	0
Unit 8	14.18	222.17	606	547
Unit 9	13.66	212.80	593	485
Unit 10	13.01	201.86	575	510
Total	45.09	695.56		
Bhusawal				
Unit 3	3.22	51.68	165	110
Unit 4	10.26	11.92	490	315
Unit 5	11.08	158.52	485	435
Total	24.57	222.10		
Parli				
Unit 6	4.13	63.40	225	148
Unit 7	4.08	63.31	230	140
Unit 8	3.90	60.74	185	143
Total	12.10	187.46		
Chandrapur				
Unit 3	4.42	33.90	190	140
Unit 4	4.12	26.13	178	120
Unit 5	8.67	126.64	370	340
Unit 6	6.72	120.17	305	99
Unit 7	9.05	130.26	400	340
Unit 8	11.20	166.54	475	450
Unit 9	9.84	159.87	421	363
Total	54.01	763.50		
Paras				
Unit 3	5.18	75.02	255	145
Unit 4	4.99	71.31	237	149
Total	10.17	146.32		
Khaparkheda				
Unit 1	3.53	50.46	165	115
Unit 2	3.56	21.12	160	115
Unit 3	3.93	59.53	190	135
Unit 4	3.88	50.10	184	125
Unit 5	10.72	166.62	494	340
Total	25.63	347.82		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.61	54.40	192	120
Unit 5	3.43	47.41	189	119
Total	7.04	101.81		
Uran				
All Units	10.54	120.65	460	417
Total	10.54	120.65		
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)	0.16	3.50	22	0
Total	0.16	3.50		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.02	39.75	430	35
Stage 4	3.98	40.60	998	0
Stage 3	1.25	17.63	240	0
Total	7.25	97.98		
Hydro				
KDPH	0.45	10.61	36	18
VTRNA	0.73	11.62	60	0
TILLARI	0.41	7.13	58	0
BHIRA T.R.	0.20	3.14	80	0
SMLHY_PTN	6.47	85.47	279	259
GHATGHAR	0.10	8.68	105	0
Total	8.36	126.65		
Wind				
Total	6.37	158.20	0	0
Total	6.37	158.20		
CPP				
APML(Mus)	55.72	1065.17	0	0
JSWEL(Mus)	14.84	228.80	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	24.85	448.39	0	0
SWPGPL-Mus	8.96	131.79	0	0
Other(Mus)	40.86	645.76	0	0
Total	145.22	2519.90		
SOLAR				
Total	7.74	137.04	0	0
Total	7.74	137.04		
Tata				
Trombay 5	7.22	92.94	396	257
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.71	34.72	115	103
Trombay 7B	1.59	22.36	67	63
TATA Hydro	4.30	57.77	371	0
Trombay 8	3.43	58.07	183	128
Total	19.25	265.87		
AEML				
DTPS U-1&2	6.78	141.23	284	281
Total	6.78	141.23		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	178.62	2464.58	MSPGCL Total	204.76	2809.86
			MSPGCL Thml+Gas	189.16	2585.23	Koyna 1,2 & 4 Total	6.00	80.35
			MSPGCL Hydro	15.60	224.63	State Total	390.13	6032.10

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 16/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	6750	324	420	7494	174	5491	0	0	5361	5452	-773	17537	0	17537	1623	301	19461	49.99
2	7033	334	432	7799	288	5679	0	0	5397	5080	-658	17915	0	17915	1513	273	19701	49.98
3	7075	327	446	7848	331	5736	0	0	5438	4903	-595	17956	0	17956	1447	267	19670	49.97
4	7039	319	446	7804	367	5761	0	0	5349	5123	-561	18218	0	18218	1418	276	19912	49.93
5	7179	319	448	7946	434	5982	0	0	5246	4943	-577	18428	0	18428	1434	300	20162	49.97
6	7418	326	446	8190	498	6264	0	0	5458	5259	-675	19225	0	19225	1539	311	21075	49.92
7	7614	1009	449	9072	414	6341	0	0	5422	5194	-674	19992	0	19992	1722	355	22069	49.94
8	7682	1871	460	10013	324	6379	0	95	5466	5406	-690	21167	0	21167	1920	360	23447	49.93
9	7733	1871	460	10064	224	6401	0	457	5964	5969	-863	21859	0	21859	2195	393	24447	49.99
10	7813	1456	435	9704	197	6351	0	765	6938	7178	-1149	22663	0	22663	2439	383	25485	49.99
11	7820	1343	430	9593	118	6275	0	1018	7626	7945	-1311	23250	0	23250	2584	388	26222	49.97
12	7830	1050	449	9329	150	6291	0	1179	7930	7842	-1363	23040	0	23040	2599	388	26027	50.00
13	7637	474	417	8528	185	6248	0	1168	8014	8046	-1394	22408	0	22408	2532	373	25313	50.00
14	7653	474	427	8554	207	6177	0	1060	7553	7279	-1294	21627	0	21627	2381	356	24364	50.02
15	7680	455	425	8560	266	6173	0	831	7685	7766	-1318	21900	0	21900	2379	378	24657	50.01
16	7566	458	425	8449	266	6184	0	643	7933	7651	-1317	21497	0	21497	2387	379	24263	49.99
17	7677	448	427	8552	253	6255	0	413	7068	6582	-1220	20470	0	20470	2387	365	23222	49.94
18	7566	445	429	8440	249	6228	0	106	6000	5948	-1067	19516	0	19516	2377	388	22281	50.00
19	7595	452	441	8488	256	6183	0	2	5370	5353	-990	18901	0	18901	2380	391	21672	50.00
20	7724	472	443	8639	291	6171	0	0	5499	5587	-986	19320	0	19320	2396	382	22098	50.02
21	7591	355	424	8370	260	6155	0	0	5225	4981	-1100	18288	0	18288	2242	378	20908	50.00
22	7086	336	455	7877	185	5605	0	0	5582	5603	-1133	17771	0	17771	2096	366	20233	50.01
23	6992	327	446	7765	194	5408	0	0	5519	5492	-1050	17469	0	17469	1940	340	19749	49.98
24	6870	360	457	7687	237	5485	0	0	5372	5297	-926	17456	0	17456	1789	324	19569	49.99
MUs	178.62	15.60	10.54	204.76	6.37	145.22	0.00	7.74	148.41	145.88	-23.68	477.87	0.00	477.87	49.72	8.42	536.01	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 16/Feb/2022

Position as on 6.30 Hrs of 17/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	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 16/Feb/2022

Statement-VII

Position as on 6.30 Hrs of 17/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/Tripping							
400 KV MAIN BUS - 2 @ 400 KV KHAPARKHEDA 2	InterState	16/02/2022	16:10	16/02/2022	20:45	EO	Fixing of Detached IPS tube from Bus Isolator 89 A Reactor bay 408
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.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	04/02/2022	14:43			HT	H/T TO CONTROL 400KV TALEGAON PG -CHAKAN LINE LOADING.
RPL(AMT) NANDGAON PETH - AKOLA II LINE I	IntraState	16/02/2022	09:27	16/02/2022	20:22	PO	Annual Maintenance of Line Equipments
KHADKA-AURANGABAD	IntraState	16/02/2022	09:32	16/02/2022	17:35	PO	For CBCRM and routine bay maintaianance work
CHANDRAPUR 2 - KUMBHARGAON(NANDED) CKT - 2	IntraState	16/02/2022	10:37	16/02/2022	19:43	PO	For replacement of polymer insulator to antifog long ROD porcelain insulator
CHANDRAPUR 2 - KUMBHARGAON(NANDED) CKT - 2	IntraState	17/02/2022	09:03			PO	For replacement of polymer insulator to antifog long ROD porcelain insulator
400 KV ICT Outages/Tripping							
400/220/33 KV 315 MVA ICT - 2 @ KORADI	IntraState	16/02/2022	10:48	16/02/2022	20:40	PO	trip relay facility retrofitting work from group A & group B tripping under MTAMC project. Also, complete routine diagnostic work.
220 KV LINE Outages/Tripping							
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.
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 .
KHARGHAR - BORIVALI CKT - 2	IntraState	16/02/2022	08:25	16/02/2022	17	PO	Diagnostic testing & RM work
PEDAMBE-KALAMBANI(TSS)	IntraState	16/02/2022	09:00	16/02/2022	23:15	PO	For erection of new tower at loc no. 92(suspension)
ADLABS - PEDAMBE	IntraState	16/02/2022	09:20	16/02/2022	23:20	PO	For erection of new tower at Loc no. 92(suspension).
TILLARI - AMONA LINE	IntraState	16/02/2022	09:30	16/02/2022	17:30	PO	routine maintenance
BUS SECTION - 1 @ WASHALA	IntraState	16/02/2022	12:20	16/02/2022	19:05	PO	Section- I Earth wire replacement work, TF-I Bushing, winding Tan D & IR/PI measurement Work.
WASHALA - GHATGHAR	IntraState	16/02/2022	12:20	16/02/2022	19:05	PO	Section- I Earth wire replacement work, TF-I Bushing, winding Tan D & IR/PI measurement Work.

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 16/Feb/2022

Statement-VII

Position as on 6.30 Hrs of 17/Feb/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
LONIKAND 2 - BHOSARI	IntraState	17/02/2022	10:44			PO	Due to high Tan delta values of CT replacement work as per LE Scheme
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
220/100 KV 200 MVA ICT 3 @ PADGHE	IntraState	14/02/2022	09:39	16/02/2022	18:23	PO	1. Retrofitting of REF relay for MTAMC work 2. Diagnostic testing work 3. Anticorrosive painting work
220/22 KV 25 MVA PTR 1 @ WASHALA	IntraState	16/02/2022	10:29	16/02/2022	19:10	PO	Section- I Earth wire replacement work, TF-I Bushing, winding Tan D & IR/PI measurement Work.
220/132 KV 200 MVA ICT 2@ BALE(SOLAPUR)	IntraState	16/02/2022	10:43	16/02/2022	12:29	PO	Outage is required for Quarterly Maintenance
220/132KV 150MVA ICT - 1 @ MALINAGAR	IntraState	16/02/2022	15:50	16/02/2022	17:37	PO	An outage is required for 220kV BUS BAR wiring modification work and CB Trial.
220 KV BUSBAR Outages/Trippings							
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