

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Jan/2022 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.257	3691.989	1) Gujrat	-7.922	-180.185
2) Hydro	9.208	309.090	2) Madhya Pradesh	3.622	125.644
3) Gas	5.919	123.754	3) Chattisgarh	6.580	155.930
Total MSPGCL	137.384	4124.833	4) Maharashtra	131.040	3430.315
B) 1) APLM	62.669	1761.800	5) Goa (Amona)	-1.257	-37.438
2) JSWEL	14.465	369.210	Total	132.063	3494.266
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.426	561.906
4) RPL(AMT)	21.789	642.522	b) Mumbai Drawl	21.807	609.607
5) SWPGPL	7.264	162.414	c) MSEDCL Bilateral *	59.076	1540.751
6) Other IPP	39.274	1001.863	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.426	561.783
C) 1) TPCL Thermal	9.480	270.122	Include PX	0.000	0.000
2) TPCL Hydro	1.600	96.981	Standby	0.000	0.123
3) TPCL Gas	0.000	9.340	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.212	211.792	1) MSEDCL	402.334	11138.634
D) STATE			2) Mumbai Discoms	38.098	1197.840
1) Thermal	282.410	8111.712	3) Other Discoms	8.060	241.206
(A1+C1+C4+(B1-B6))			TOTAL STATE	448.492	12577.680
2) Hydro (A2+C2)	10.808	406.071			
3) Gas (A3+B7+C3)	5.919	133.094			
4) Wind	8.896	257.557			
6) SOLAR	8.397	174.982			
TOTAL STATE	316.430	9083.416			

* 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	5777	5310	5273	4220
MSPGCL Hydro	1028	532	375	278
MSPGCL Gas	243	237	253	245
MSPGCL Total Generation	7048	6079	5901	4743
Central Sector Receipt	6399	6666	5159	4626
WIND	440	99	395	431
CPP / IPP Thermal	6591	6505	6127	4932
CPP / IPP Gas	0	0	0	0
SOLAR	1055	1203	0	0
Exchange with Mumbai	-1137	-1128	-1114	-860
MSEDCL DEMAND MET	20041	19078	16099	13542
Load Shedding	0	0	0	0
MSEDCL DEMAND	20041	19078	16099	13542
TPCL GENERATION	494	484	564	396
AEML GENERATION	243	217	229	201
MUMBAI DEMAND	1874	1829	1907	1457
OTHER DISCOM DEMAND	355	346	369	330
STATE DEMAND MET	22270	21253	18375	15329
STATE DEMAND	22270	21253	18375	15329
Frequency (Hz)	49.96	49.89	49.94	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.19 Hz at 17.01 Hrs	49.77 Hz at 19.35 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 26/Jan/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.60	80.18	180	115
Unit 7	0.00	0.00	0	0
Unit 8	0.00	316.33	0	0
Unit 9	12.62	307.52	582	385
Unit 10	12.12	306.68	547	375
Total	28.35	1010.72		
Bhusawal				
Unit 3	3.10	73.54	170	115
Unit 4	0.00	100.73	0	0
Unit 5	9.16	224.45	465	285
Total	12.26	398.72		
Parli				
Unit 6	0.91	96.88	157	0
Unit 7	3.87	103.24	230	136
Unit 8	3.90	103.91	225	141
Total	8.69	304.03		
Chandrapur				
Unit 3	0.00	49.03	0	0
Unit 4	0.00	58.23	0	0
Unit 5	7.30	198.90	325	290
Unit 6	7.06	214.62	315	268
Unit 7	7.26	148.58	326	288
Unit 8	9.79	223.65	471	281
Unit 9	9.21	243.06	443	280
Total	40.61	1136.09		
Paras				
Unit 3	4.07	113.71	242	140
Unit 4	3.86	98.98	228	133
Total	7.92	212.69		
Khaparkheda				
Unit 1	3.12	70.02	150	115
Unit 2	0.00	0.00	0	0
Unit 3	3.29	81.70	157	127
Unit 4	2.77	69.29	155	0
Unit 5	9.53	253.14	435	280
Total	18.72	474.16		
Nasik				
Unit 3	2.67	78.02	158	34
Unit 4	0.00	18.28	0	0
Unit 5	3.04	59.29	169	112
Total	5.70	155.59		
Uran				
All Units	5.92	123.75	262	233
Total	5.92	123.75		
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)	0.08	6.14	36	0
Total	0.08	6.14		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.44	62.91	225	35
Stage 4	0.37	38.18	327	0
Stage 3	0.13	22.42	76	0
Total	1.94	123.51		
Hydro				
KDPH	0.43	8.13	18	18
VTRNA	0.71	15.50	60	0
TILLARI	0.52	13.57	58	0
BHIRA T.R.	0.16	5.74	40	0
SMLHY_PTN	5.37	139.88	230	217
GHATGHAR	0.07	2.76	68	0
Total	7.26	185.58		
Wind				
Total	8.90	257.56	0	0
Total	8.90	257.56		
CPP				
APML(Mus)	62.67	1761.80	0	0
JSWEL(Mus)	14.46	369.21	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	21.79	642.52	0	0
SWPGPL-Mus	7.26	162.41	0	0
Other(Mus)	39.27	1001.86	0	0
Total	145.46	3937.81		
SOLAR				
Total	8.40	174.98	0	0
Total	8.40	174.98		
Tata				
Trombay 5	6.27	176.97	264	260
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	5.17	0	0
Trombay 7B	0.00	4.17	0	0
Trombay 8	3.21	93.16	145	130
TATA Hydro	1.60	96.98	169	0
Total	11.08	376.44		
AEML				
DTPS U-1&2	5.21	211.79	244	179
Total	5.21	211.79		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	122.26	3691.99	MSPGCL Total	137.38	4124.83
			MSPGCL Thml+Gas	128.18	3815.74	Koyna 1,2 & 4 Total	1.82	101.08
			MSPGCL Hydro	9.21	309.09	State Total	316.43	9083.42

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/Jan/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	4744	273	259	5276	260	5516	0	0	5166	4937	-714	14964	0	14964	1336	311	16611	49.93
2	4742	288	250	5280	345	5568	0	0	5175	4924	-654	15175	0	15175	1249	288	16712	49.98
3	4747	284	256	5287	445	5824	0	0	5193	4668	-620	15339	0	15339	1192	265	16796	50.00
4	4729	285	251	5265	583	5826	0	0	5143	4821	-575	15654	0	15654	1155	266	17075	49.99
5	4833	281	250	5364	558	5954	0	0	5165	4764	-591	15768	0	15768	1174	281	17223	49.98
6	5137	289	262	5688	640	6464	0	0	5237	5031	-679	16825	0	16825	1273	319	18417	49.94
7	5473	287	248	6008	695	6648	0	3	5474	5455	-736	17745	0	17745	1370	328	19443	50.02
8	5628	288	245	6161	706	6650	0	126	5691	5518	-783	18041	0	18041	1490	337	19868	50.03
9	5769	358	253	6380	595	6642	0	432	5893	5724	-882	18549	0	18549	1693	342	20584	50.03
10	5638	411	241	6290	556	6613	0	774	6229	6401	-1049	19232	0	19232	1835	353	21420	49.99
11	5777	1028	243	7048	440	6591	0	1055	6535	6399	-1137	20041	0	20041	1874	355	22270	49.96
12	5637	597	252	6486	251	6627	0	1221	6790	6805	-1156	19860	0	19860	1884	374	22118	49.99
13	5310	532	237	6079	99	6505	0	1203	6781	6666	-1128	19078	0	19078	1829	346	21253	49.89
14	5176	395	238	5809	86	6336	0	1192	6697	6494	-1051	18520	0	18520	1749	346	20615	49.99
15	5181	401	245	5827	86	6270	0	1021	6600	6428	-1017	18286	0	18286	1670	329	20285	50.01
16	5142	528	233	5903	64	6091	0	792	6318	6060	-972	17573	0	17573	1633	365	19571	49.98
17	5147	393	234	5774	73	6380	0	458	5899	5462	-972	16813	0	16813	1628	362	18803	50.01
18	5036	373	244	5653	130	5931	0	120	5460	5421	-958	15940	0	15940	1685	357	17982	50.02
19	5162	336	238	5736	197	6070	0	0	5397	5441	-1038	16032	0	16032	1829	374	18235	49.98
20	5273	375	253	5901	395	6127	0	0	5377	5159	-1114	16099	0	16099	1907	369	18375	49.94
21	4964	333	243	5540	422	5812	0	0	5314	4972	-1085	15298	0	15298	1844	363	17505	49.97
22	4476	321	243	5040	413	5153	0	0	5329	5284	-1045	14493	0	14493	1742	352	16587	50.01
23	4316	274	256	4846	426	4931	0	0	5283	4603	-991	13466	0	13466	1601	349	15416	50.00
24	4220	278	245	4743	431	4932	0	0	5007	4626	-860	13542	0	13542	1457	330	15329	50.02
MUs	122.26	9.21	5.92	137.38	8.90	145.46	0.00	8.40	137.15	132.06	-21.81	402.33	0.00	402.33	38.10	8.06	448.49	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 26/Jan/2022

Position as on 6.30 Hrs of 27/Jan/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		Continued.	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	
AEML	AEML Unit 2	250	20/01/2022	08:54		Continued.	Boiler Validity Renevoation	
MSPGCL	Nasik Unit 3	210	26/01/2022	20:26		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGL 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.	
MSPGCL	Uran Unit A0	120	10/09/2021	01.54		Continued.	Turbine bearing Vabration high	
MSPGCL	Ghatghar Unit-1	125	10/11/2021	23:55		Continued.	Static frequency controller disconnecting switch short circuit problem	10/03/2022
TPC-G	Trombay 7A	120	04/01/2022	19:40		Continued.	Gas shortage	
TPC-G	Trombay 7B	60	04/01/2022	20:00		Continued.	Gas shortage	
MSPGCL	Nasik Unit 4	210	07/01/2022	22:00	27/01/2022	07:55	CONDENSER TUBE LEAKAGE	
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	Koradi Unit 8	660	24/01/2022	14:38		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-4	270	24/01/2022	14:40		Continued.	Leakage Work	
MSPGCL	Parli Unit 6	250	25/01/2022	05:35	26/01/2022	17:20	BOILER FURNACE PRESSURE VERY HIGH	
MSPGCL	Khaparkheda Unit 4	210	26/01/2022	02:36	26/01/2022	05:19	Furnace Pressure High	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Jan/2022

Statement-VII

Position as on 6.30 Hrs of 27/Jan/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/Trippings							
400 KV WALUJ (400 KV) - BABHALESHWAR CKT	IntraState	04/01/2022	15:46	26/01/2022	12:39	PO	Height raising work of 400kV Waluj-Babhleshwar line at Loc No. 239 to 240 crossing to Samruddhi Highway i.e. 1. Dismantling of loc No. 239,240,241 (all DA+01) 2. Erection of new towers at loc No.239, 240,241 (All DD+9) 3. Restraining between Loc No. 237 to 242
TBC 2 @ CHANDRAPUR	IntraState	20/01/2022	12:35			EO	It is very necessary to attend the SF6 gas leakage considering the emergency and urgency. Low gas alarm is continuously appearing in short duration, Hence the problem needs to attend. To attend the SF6 gas leakage from NRV valve of R-ph pole of 400KV BHEL make Circuit Breaker.
NEW KOYNA - DABHOL CKT - 2	IntraState	24/01/2022	08:30	26/01/2022	09:24	PO	Hill cutting work & stay erection Excavation work for tower loc. No.94 & Cold washing work & Diagnostic testing & Relay testing work & C.B. Overhauling work Shutting on TBC
JAIGAD - KARAD CKT - 1	IntraState	25/01/2022	21:05	26/01/2022	09:36	HT	o/v.
JAIGAD - KARAD CKT - 1	IntraState	25/01/2022	21:07	26/01/2022	09:36	HT	HT for Overvoltage
LONIKAND I - KOYNA STAGE-IV	IntraState	25/01/2022	23:10	26/01/2022	08:35	HT	o/v.
PADGHE - NAGOTHANE CKT - 1	IntraState	25/01/2022	23:55	26/01/2022	08:33	HT	H/T FOR O/V
DEEPNAGAR - AURANGABAD (WALUJ)	IntraState	26/01/2022	10:04			EO	To attend 89C B-phase PG isolator Pad clamp Hot Spot
JEJURI- KOYNA STAGE-IV	IntraState	26/01/2022	13:11	26/01/2022	14:08	T	tripped on main -2 protection operated at Jejuri end. line h/t from Stage-4 end at 13:24hrs
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	26/01/2022	14:31	26/01/2022	16:28	HT	HT for Load Management
BUS COUPLER @ NEW KOYNA	IntraState	26/01/2022	16:19	26/01/2022	20:47	EO	Trip circuit 2 faulty indication on Y phase
JAIGAD - KARAD CKT - 2	IntraState	26/01/2022	17:48			HT	HT For Overvoltage
LONIKAND I - KOYNA STAGE-IV	IntraState	26/01/2022	20:59			HT	HT for Overvoltage
PADGHE - NAGOTHANE CKT - 2	IntraState	26/01/2022	21:38			HT	O/V.
KHADKA-AURANGABAD	IntraState	26/01/2022	21:55			HT	O/V.
PADGHE - KALWA CKT - 1	IntraState	27/01/2022	02:42	27/01/2022	06:42	T	O/V.
KHADKA-AURANGABAD	IntraState	27/01/2022	21:55			HT	O/V.
400 KV ICT Outages/Trippings							
400/220/33 KV 500 MVA ICT - 3 @ WALUJ	IntraState	26/01/2022	10:04	26/01/2022	20:00	EO	Acetylene (C2H2) contents in oil found to be beyond permissible limit
220 KV LINE Outages/Trippings							

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 26/Jan/2022

Statement-VII

Position as on 6.30 Hrs of 27/Jan/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
DAHANU - GHODBUNDER CKT - 1	IntraState	20/01/2022	09:23				Modification / relocation of existing tower no LS 45 to 47 at Vangoan for NHSRCL Project. 2) Modification / relocation 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. Dismantling of existing towers. 3. Erection of Towers. 4. Re-stringing of conductors & OPGW cable.
DAHANU - GHODBUNDER CKT - 2	IntraState	20/01/2022	09:27				Modification / relocation of existing tower no LS 45 to 47 at Vangoan for NHSRCL Project.2) Modification / relocation 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. Dismantling of existing towers.3. Erection of Towers.4. Re-stringing of conductors & OPGW cable.
TPC BORIVALI - AAREY	IntraState	20/01/2022	09:32	27/01/2022	06:14	PO	For shifting to new GIS with cable extension with transition joint
KALWA SALSETTE - 4	IntraState	26/01/2022	07:09	26/01/2022	10:26	PO	FOR TREE TRIMMING
LONIKAND (400 KV)-THEUR II	IntraState	26/01/2022	09:19	26/01/2022	18:55	PO	Replacement of Higher Tan Delta CT- Rph, Yph & Bph.
AURANGABAD (WALUJ)-BHENDA	IntraState	26/01/2022	09:56	26/01/2022	20:35	HT	H/T TO CONTROL LOADING ON WALUJ ICT AND TO AVAIL E/O ON ICT-3
CREEK SIDE BUS @ KALWA	IntraState	26/01/2022	13:33			PO	1) 220 KV Main Bus conductor replacement 2) Earthwire replacement
220 KV ICT Outages/Tripping							
220 / 110 / 22KV 250 MVA ICT 2 @ SALSETTE	IntraState	10/10/2020	07:39			PO	FOR CRP PANEL REPLACEMENT
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

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