

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Jan/2022 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	137.392	2760.652	1) Gujrat	-8.412	-126.780
2) Hydro	18.569	222.760	2) Madhya Pradesh	4.480	92.636
3) Gas	5.739	87.718	3) Chattisgarh	6.600	109.700
Total MSPGCL	161.700	3071.130	4) Maharashtra	137.474	2458.260
B) 1) APLM	71.766	1299.144	5) Goa (Amona)	-1.456	-26.977
2) JSWEL	14.695	266.945	Total	138.686	2506.839
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.971	407.002
4) RPL(AMT)	22.704	484.463	b) Mumbai Drawl	24.154	438.795
5) SWPGPL	8.461	107.716	c) MSEDCL Bilateral *	62.576	1074.526
6) Other IPP	40.546	722.125	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.971	406.879
C) 1) TPCL Thermal	10.826	193.888	Include PX	0.000	0.000
2) TPCL Hydro	4.273	74.614	Standby	0.000	0.123
3) TPCL Gas	0.000	9.340	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.923	173.474	1) MSEDCL	438.910	8124.528
D) STATE			2) Mumbai Discoms	49.176	890.110
1) Thermal	316.313	6008.407	3) Other Discoms	8.130	175.391
(A1+C1+C4+(B1-B6))			TOTAL STATE	496.216	9190.029
2) Hydro (A2+C2)	22.842	297.374			
3) Gas (A3+B7+C3)	5.739	97.058			
4) Wind	4.147	161.435			
6) SOLAR	8.489	118.917			
TOTAL STATE	357.530	6683.191			

* 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	6005	5879	5969	5137
MSPGCL Hydro	1779	1135	1466	283
MSPGCL Gas	237	230	247	243
MSPGCL Total Generation	8021	7244	7682	5663
Central Sector Receipt	7236	6977	5348	4828
WIND	174	174	91	85
CPP / IPP Thermal	6866	6784	6859	5923
CPP / IPP Gas	0	0	0	0
SOLAR	1062	1226	0	0
Exchange with Mumbai	-1147	-1304	-883	-876
MSEDCL DEMAND MET	21844	20751	18716	15331
Load Shedding	0	0	0	0
MSEDCL DEMAND	21844	20751	18716	15331
TPCL GENERATION	896	698	1017	393
AEML GENERATION	494	491	497	330
MUMBAI DEMAND	2537	2493	2397	1599
OTHER DISCOM DEMAND	368	350	381	292
STATE DEMAND MET	24749	23594	21494	17222
STATE DEMAND	24749	23594	21494	17222
Frequency (Hz)	49.99	49.99	49.98	49.87

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.2 Hz at 18.02 Hrs	49.76 Hz at 00.20 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 19/Jan/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.50	55.21	160	135
Unit 7	0.00	0.00	0	0
Unit 8	14.26	254.16	606	585
Unit 9	12.40	215.23	605	403
Unit 10	12.53	220.43	540	500
Total	42.68	745.03		
Bhusawal				
Unit 3	3.28	51.34	165	120
Unit 4	0.00	100.73	0	0
Unit 5	9.86	162.18	445	370
Total	13.14	314.24		
Parli				
Unit 6	5.10	74.49	250	151
Unit 7	4.95	73.69	248	140
Unit 8	4.39	75.66	214	144
Total	14.43	223.84		
Chandrapur				
Unit 3	0.00	49.03	0	0
Unit 4	0.00	58.23	0	0
Unit 5	7.74	145.54	370	291
Unit 6	8.05	158.55	415	278
Unit 7	8.14	94.40	426	293
Unit 8	6.61	178.40	370	0
Unit 9	7.29	176.00	363	271
Total	37.82	860.16		
Paras				
Unit 3	5.02	83.04	255	139
Unit 4	2.12	72.11	240	0
Total	7.14	155.15		
Khaparkheda				
Unit 1	3.28	48.16	150	125
Unit 2	0.00	0.00	0	0
Unit 3	0.83	63.92	145	0
Unit 4	0.00	54.04	0	0
Unit 5	11.22	185.18	491	450
Total	15.32	351.29		
Nasik				
Unit 3	3.58	55.65	178	122
Unit 4	0.00	18.28	0	0
Unit 5	3.27	37.01	162	112
Total	6.85	110.93		
Uran				
All Units	5.74	87.72	253	222
Total	5.74	87.72		
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)	0.19	5.48	40	0
Total	0.19	5.48		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.54	45.52	455	35
Stage 4	5.46	27.20	745	0
Stage 3	2.04	16.42	320	0
Total	11.03	89.14		
Hydro				
KDPH	0.43	5.11	18	18
VTRNA	0.81	10.41	60	0
TILLARI	0.52	9.92	58	0
BHIRA T.R.	0.22	4.44	40	0
SMLHY_PTN	5.32	102.46	230	212
GHATGHAR	0.24	1.29	125	0
Total	7.54	133.62		
Wind				
Total	4.15	161.44	0	0
Total	4.15	161.44		
CPP				
APML(Mus)	71.77	1299.14	0	0
JSWEL(Mus)	14.70	266.94	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	22.70	484.46	0	0
SWPGPL-Mus	8.46	107.72	0	0
Other(Mus)	40.55	722.12	0	0
Total	158.17	2880.39		
SOLAR				
Total	8.49	118.92	0	0
Total	8.49	118.92		
Tata				
Trombay 5	6.96	126.92	388	256
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	3.86	66.96	221	132
TATA Hydro	4.27	74.61	429	0
Total	15.10	277.84		
AEML				
DTPS U-1&2	9.92	173.47	501	315
Total	9.92	173.47		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	137.39	2760.65	MSPGCL Total	161.70	3071.13
			MSPGCL Thml+Gas	143.13	2848.37	Koyna 1,2 & 4 Total	8.99	72.72
			MSPGCL Hydro	18.57	222.76	State Total	357.53	6683.19

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 19/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 DEMAND	OTHER DISCOM DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	5137	283	243	5663	85	5923	0	0	5002	4828	-876	15331	0	15331	1599	292	17222	49.87
2	5259	280	243	5782	113	5949	0	0	4950	4811	-782	15600	0	15600	1504	273	17377	49.96
3	5246	279	253	5778	129	6167	0	0	4896	4594	-728	15659	0	15659	1450	281	17390	49.97
4	5385	292	242	5919	194	6091	0	0	4882	4691	-692	15941	0	15941	1403	262	17606	49.98
5	5483	281	237	6001	278	6241	0	0	4893	4851	-713	16377	0	16377	1423	281	18081	50.01
6	5709	292	247	6248	274	6656	0	0	5044	4953	-806	17019	0	17019	1517	306	18842	50.00
7	5979	506	241	6726	364	6787	0	1	5482	5395	-858	18090	0	18090	1640	325	20055	49.96
8	6069	1244	244	7557	338	6853	0	88	5252	5251	-688	19054	0	19054	1849	345	21248	49.95
9	6140	1685	250	8075	244	6888	0	457	5674	5906	-828	20371	0	20371	2135	372	22877	49.96
10	6120	1670	239	8029	212	6988	0	817	6655	6655	-1077	21243	0	21243	2377	381	24001	49.99
11	6005	1779	237	8021	174	6866	0	1062	7261	7236	-1147	21844	0	21844	2537	368	24749	49.99
12	5921	1432	244	7597	137	6812	0	1171	7323	7117	-1221	21241	0	21241	2581	372	24194	49.93
13	5879	1135	230	7244	174	6784	0	1226	7331	6977	-1304	20751	0	20751	2493	350	23594	49.99
14	5761	482	223	6466	187	6693	0	1158	7582	7304	-1274	20185	0	20185	2375	349	22909	50.06
15	5807	475	222	6504	208	6734	0	1060	7427	7282	-1370	20068	0	20068	2392	350	22810	50.01
16	5841	477	231	6549	197	6785	0	839	7424	7273	-1314	19973	0	19973	2383	356	22712	49.99
17	5842	612	241	6695	198	6777	0	496	6687	6287	-1249	18844	0	18844	2374	360	21578	50.00
18	5814	1060	233	7107	107	6791	0	114	5620	5467	-929	18284	0	18284	2377	373	21034	50.01
19	5828	1241	236	7305	104	7143	0	0	5450	5397	-884	18696	0	18696	2406	369	21471	49.95
20	5969	1466	247	7682	91	6859	0	0	5351	5348	-883	18716	0	18716	2397	381	21494	49.98
21	5950	531	235	6716	87	6833	0	0	5181	5239	-1148	17366	0	17366	2241	361	19968	50.02
22	5534	446	236	6216	64	6477	0	0	5444	5581	-1227	16750	0	16750	2071	361	19182	50.02
23	5406	342	239	5987	97	6142	0	0	5426	5221	-1130	15978	0	15978	1892	339	18209	49.96
24	5308	279	246	5833	91	5933	0	0	5290	5022	-1026	15529	0	15529	1760	324	17613	50.00
MUs	137.39	18.57	5.74	161.70	4.15	158.17	0.00	8.49	141.53	138.69	-24.15	438.91	0.00	438.91	49.18	8.13	496.22	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 19/Jan/2022

Position as on 6.30 Hrs of 20/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	
MSPGCL	Khaparkheda Unit 4	210	16/01/2022	23:52		Continued.	Extension of Boiler Steaming Validity.	
AEML	AEML Unit 2	250	20/01/2022	08:54		Continued.	Boiler Validity Renevoation	
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
MSPGCL	Uran Unit 6	108	02/12/2021	07:45		Continued.	Gas shortage	
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		Continued.	CONDENSER TUBE LEAKAGE	
IPP	JSW (J) U3	300	15/01/2022	07:46		Continued.	non availability of load schedule.	
IPP	RPL(AMT) U-4	270	17/01/2022	10:00	20/01/2022	01:54	Coal Shortage	
MSPGCL	Chandrapur Unit 8	500	18/01/2022	22:06	19/01/2022	01:30	Generator Protection operated	
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	Khaparkheda Unit 3	210	19/01/2022	06:11		Continued.	Furnace Pressure High	
MSPGCL	Paras Unit 4	250	19/01/2022	11:16		Continued.	electrical fault	
MSPGCL	Ghatghar Unit-2	125	19/01/2022	12:05		Continued.	AVR Heavy fault.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 19/Jan/2022

Statement-VII

Position as on 6.30 Hrs of 20/Jan/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
CHANDRAPUR - PADGHE HVDC POLE 2	IntraState	19/01/2022	07:16	19/01/2022	08:17	T	Card Failure at HVDC Chandrapur
400 KV LR Outages/Trippings							
400KV KORADI-BHUSAWAL (Koradi end)	IntraState	17/01/2022	10:56	19/01/2022	06:33	PO	Retrofitting of Distance Relay I & II under MTAMC Project
400 KV LINE Outages/Trippings							
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	21/12/2021	12:35			HT	HAND TRIPPED TO CONTROL LINE LOADING OF 400KV TALEGAON-KALWA AND 400KV TALEGAON - KHARGHAR CKT
400 KV WALUJ (400 KV) - BABHALESHWAR CKT	IntraState	04/01/2022	15:46			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
BABHALESHWAR - PADGHE CKT-1	IntraState	19/01/2022	03:21	19/01/2022	06:32	HT	DP trip.
AKOLA - KHADKA (BHUSAWAL)	IntraState	19/01/2022	09:44	19/01/2022	15:21	PO	Routine maintenance & testing work
CHANDRAPUR 2- KUMBHARGAON (NANDED) CKT - 1	IntraState	19/01/2022	10:08	19/01/2022	18:58	PO	For Conductor & Earthwire H/W tightening work & replacement of broken E/W in span 59-61
400 KV ICT Outages/Trippings							
400/220/33 KV 500MVA ICT - 3 @ NAGOTHANE	IntraState	19/01/2022	11:18	19/01/2022	18:40	PO	Post monsoon maint work
220 KV LINE Outages/Trippings							
132 KV KANHAN (220 KV) - PENCH CKT	InterState	19/01/2022	09:48	19/01/2022	14:06	PO	For Black Start Mock Drill
BORIVALI - BOISAR (PG)	IntraState	19/12/2021	09:18			PO	1) 220kV PGCIL (Boisar)- Borivali line tapping will be done to 220kV Kamba-Vasai line at loc no. 204. After that 220KV PGCIL-Vasai Line will be charged at 18:00 Hrs on 19.12.2021 & it will be in service till 30.01.2022 for 43 days. 2) This work is required for DFCCIL work of Temporary shifting of existing of 100kV D/C padgha -Vasai Line between loc no. 85-93 on existing line corridor of D/C 220kV PadghaNalasopara-Vasai Tap line and 220kV Kamba Vasai Line between location no 8 to 14.
PADGHE - TEMGHAR - 2	IntraState	02/01/2022	23:25			HT	conductor replacement work
BOISAR II - BOISAR (PG) CKT - 1	IntraState	10/01/2022	09:51	20/01/2022	06:54	PO	REPLACEMENT OF old CONDUCTOR by HTLS CONDUCTOR
TEMGHAR - KALWA	IntraState	13/01/2022	23:10				As safety precaution for the replacement of CB pole of 220/22 kV, 50MVA PTR-2
SALSETTE BORIVLI - 2	IntraState	16/01/2022	16:34	19/01/2022	23:28	PO	For shifting to new 220KV GIS
TALANDGE - BIDRI	IntraState	19/01/2022	09:27	19/01/2022	13:15	PO	For relay testing work
BHALVANI - VARKUTI	IntraState	19/01/2022	10:53	19/01/2022	15:47	PO	Outage is required for Quarterly Maintenance
SOUTH SOLAPUR (KUMBHARI) - SOLAPUR (PG) CKT - 2	IntraState	19/01/2022	11:21	19/01/2022	15:47	PO	Outage is required for Quarterly Maintenance

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Jan/2022

Statement-VII

Position as on 6.30 Hrs of 20/Jan/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
FLAGSHIP-CHINCHWAD	IntraState	19/01/2022	12:27	19/01/2022	15:53	EO	To attend oil leakage of R ph CT of 220KV Chinchwad line Bay
TATA BORIVLI MSETCL BORIVLI - 5	IntraState	19/01/2022	12:44	19/01/2022	15:32	EO	Hot spot attending work on B-ph CB
BIDRI - SAWANTWADI	IntraState	19/01/2022	13:20	19/01/2022	18:43	PO	conversion of SSN to DSN & Conversion of STN To DTN
SALSETTE - SAHAR CKT	IntraState	19/01/2022	13:36	19/01/2022	13:14		Loc no 28, hanging object in B ph.
LAMBOTI - KARKAMB	IntraState	19/01/2022	15:13	19/01/2022	16:38	EO	An outage is required for Broken disc replacement work at loc no. 82 R-ph
NERLE - PEDAMBE	IntraState	19/01/2022	20:05	20/01/2022	00:37	HT	B-PH,LINE ISOLATOR,HEAVY SPARKING OBSERVED.
TROMBAY - SALSETTE CKT - 1	IntraState	19/01/2022	23:06	20/01/2022	05:56	PO	FOR METRO-4 WORK
TROMBAY SALSETTE LINE-2	IntraState	19/01/2022	23:13	20/01/2022	06:05	PO	FOR METRO -4 WORK
220 KV ICT Outages/Trippings							
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 dismantailing said 50MVA T/f 1 at 220 kV K'gaon S/s
220 / 110 / 33kV 250MVA ICT 8 @ DHARAVI	IntraState	16/01/2022	08:59			PO	For disconnecting 33KV for NGT replacement
220 / 110 / 22kV 250MVA ICT 1 @ SAKI	IntraState	16/01/2022	09:39			PO	Only breakers to be kept open (220/110/33 Kv)
220/33 KV 50 MVA PTR 1 @ KHARGHAR	IntraState	19/01/2022	09:16	19/01/2022	18:43	PO	For Winding Resistance measurement test and replacement of Bucholz relay along with Gas collecting device
220/33-22 KV 50 MVA PTR 4 @ NERUL	IntraState	19/01/2022	09:57	19/01/2022	19:25	PO	Diagnostic Testing and for attending Oil Leakage of B phase CT on EHV Side
220/100 KV 200 MVA ICT 2 @ TALOJA	IntraState	19/01/2022	10:09	19/01/2022	14:06	PO	Dignostic test ICT & CT HV, LV & R/M work
220/100 KV 200 MVA ICT 1 @ APTA	IntraState	19/01/2022	15:21	19/01/2022	16:53	PO	Diagnostic testing work(CT,winding,bushing C & Tan delta testing, IR testing) & maintenance work

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