

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	145.333	2476.689	1) Gujrat	-8.643	-109.211
2) Hydro	12.065	187.627	2) Madhya Pradesh	2.800	85.419
3) Gas	5.713	76.204	3) Chattisgarh	5.850	98.060
Total MSPGCL	163.111	2740.520	4) Maharashtra	132.337	2184.786
B) 1) APMIL	65.397	1158.275	5) Goa (Amona)	-1.756	-23.966
2) JSWEL	15.027	237.829	Total	130.588	2235.088
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.580	363.274
4) RPL(AMT)	22.038	440.199	b) Mumbai Drawl	23.843	390.876
5) SWPGPL	7.961	91.111	c) MSEDCL Bilateral *	61.992	952.263
6) Other IPP	36.509	641.998	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.580	363.152
C) 1) TPCL Thermal	10.525	171.072	Include PX	0.000	0.000
2) TPCL Hydro	4.041	66.267	Standby	0.000	0.123
3) TPCL Gas	0.000	9.340	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.883	153.912	1) MSEDCL	425.025	7253.114
D) STATE			2) Mumbai Discoms	48.292	791.466
1) Thermal	312.673	5371.085	3) Other Discoms	8.185	156.036
(A1+C1+C4+(B1-B6))			TOTAL STATE	481.502	8200.616
2) Hydro	16.106	253.894			
(A2+C2)					
3) Gas	5.713	85.544			
(A3+B7+C3)					
4) Wind	9.702	151.693			
6) SOLAR	6.720	103.313			
TOTAL STATE	350.914	5965.529			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 1 Hrs
MSPGCL Thermal	6663	6583	6665	4783
MSPGCL Hydro	941	643	523	302
MSPGCL Gas	229	230	227	239
MSPGCL Total Generation	7833	7456	7415	5324
Central Sector Receipt	7259	6899	5281	4284
WIND	244	148	117	1018
CPP / IPP Thermal	6664	6689	6747	4820
CPP / IPP Gas	0	0	0	0
SOLAR	977	1042	3	0
Exchange with Mumbai	-1303	-1383	-826	-776
MSEDCL DEMAND MET	21318	20505	18341	14363
Load Shedding	0	0	0	0
MSEDCL DEMAND	21318	20505	18341	14363
TPCL GENERATION	780	698	1043	414
AEML GENERATION	436	408	499	335
MUMBAI DEMAND	2519	2489	2368	1525
OTHER DISCOM DEMAND	356	346	396	307
STATE DEMAND MET	24193	23340	21105	16195
STATE DEMAND	24193	23340	21105	16195
Frequency (Hz)	50.01	49.98	49.97	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.22 Hz at 07.02 Hrs	49.76 Hz at 19.04 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/Jan/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.48	48.29	180	115
Unit 7	0.00	0.00	0	0
Unit 8	12.64	226.12	580	370
Unit 9	12.35	189.80	582	372
Unit 10	11.56	195.92	520	370
Total	40.03	660.12		
Bhusawal				
Unit 3	3.24	44.64	160	115
Unit 4	0.00	100.73	0	0
Unit 5	8.92	142.60	435	280
Total	12.16	287.96		
Parli				
Unit 6	4.84	64.48	258	148
Unit 7	4.07	64.47	216	140
Unit 8	4.03	67.14	216	143
Total	12.94	196.09		
Chandrapur				
Unit 3	3.02	45.99	135	114
Unit 4	2.77	55.44	126	105
Unit 5	7.39	130.56	355	266
Unit 6	7.94	143.22	375	280
Unit 7	7.46	78.98	350	273
Unit 8	9.12	164.65	450	218
Unit 9	9.98	160.33	456	273
Total	47.67	779.18		
Paras				
Unit 3	4.76	73.09	250	141
Unit 4	4.55	65.11	235	140
Total	9.31	138.21		
Khaparkheda				
Unit 1	3.04	41.50	135	120
Unit 2	0.00	0.00	0	0
Unit 3	3.59	59.15	178	125
Unit 4	0.00	54.04	0	0
Unit 5	10.01	163.46	480	280
Total	16.63	318.15		
Nasik				
Unit 3	3.30	48.51	168	116
Unit 4	0.00	18.28	0	0
Unit 5	3.30	30.19	174	115
Total	6.60	96.98		
Uran				
All Units	5.71	76.20	251	226
Total	5.71	76.20		
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)	0.32	5.04	40	0
Total	0.32	5.04		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.61	38.30	355	35
Stage 4	0.68	18.56	363	0
Stage 3	0.79	12.72	160	0
Total	4.08	69.58		
Hydro				
KDPH	0.61	4.25	36	18
VTRNA	0.81	8.95	60	0
TILLARI	0.52	8.87	58	0
BHIRA T.R.	0.12	4.00	40	0
SMLHY_PTN	5.62	91.58	250	224
GHATGHAR	0.30	0.39	125	0
Total	7.98	118.04		
Wind				
Total	9.70	151.69	0	0
Total	9.70	151.69		
CPP				
APML(Mus)	65.40	1158.28	0	0
JSWEL(Mus)	15.03	237.83	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	22.04	440.20	0	0
SWPGPL-Mus	7.96	91.11	0	0
Other(Mus)	36.51	642.00	0	0
Total	146.93	2569.41		
SOLAR				
Total	6.72	103.31	0	0
Total	6.72	103.31		
Tata				
Trombay 5	6.72	112.25	440	259
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	3.80	58.82	218	132
TATA Hydro	4.04	66.27	389	0
Total	14.57	246.68		
AEML				
DTPS U-1&2	9.88	153.91	499	317
Total	9.88	153.91		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	145.33	2476.69	MSPGCL Total	163.11	2740.52
			MSPGCL Thml+Gas	151.05	2552.89	Koyna 1,2 & 4 Total	3.29	56.86
			MSPGCL Hydro	12.06	187.63	State Total	350.91	5965.53

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 17/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	4783	302	239	5324	1018	4820	0	0	4369	4284	-776	14363	0	14363	1525	307	16195	50.00
2	4785	305	249	5339	987	4882	0	0	4295	4301	-695	14540	0	14540	1434	274	16248	49.99
3	4850	303	238	5391	919	4862	0	0	4449	4382	-632	14658	0	14658	1380	264	16302	50.00
4	5103	307	237	5647	823	4901	0	0	4476	4307	-594	14834	0	14834	1346	250	16430	50.01
5	5499	311	248	6058	709	4942	0	0	4504	4568	-633	15380	0	15380	1362	264	17006	49.99
6	5747	379	240	6366	628	5479	0	0	4706	4759	-714	16221	0	16221	1466	297	17984	49.98
7	6165	478	249	6892	563	6056	0	7	4908	5061	-781	17459	0	17459	1597	339	19395	49.99
8	6674	390	239	7303	601	6767	0	68	5163	5317	-855	18856	0	18856	1815	345	21016	50.00
9	6683	618	237	7538	486	6854	0	296	5747	5585	-1054	19343	0	19343	2114	362	21819	50.02
10	6661	778	248	7687	443	6877	0	543	6384	6399	-1119	20442	0	20442	2369	388	23199	49.99
11	6616	1202	234	8052	319	6653	0	823	6979	6834	-1299	21018	0	21018	2514	364	23896	49.99
12	6663	941	229	7833	244	6664	0	977	7170	7259	-1303	21318	0	21318	2519	356	24193	50.01
13	6583	643	230	7456	148	6689	0	1042	7022	6899	-1383	20505	0	20505	2489	346	23340	49.98
14	6279	465	237	6981	121	6590	0	973	6815	6897	-1357	19859	0	19859	2399	346	22604	50.00
15	6254	616	226	7096	138	6593	0	938	6909	6946	-1386	19960	0	19960	2395	365	22720	50.02
16	6409	443	227	7079	157	6623	0	633	7012	6942	-1301	19761	0	19761	2326	372	22459	50.02
17	6603	709	231	7543	175	6682	0	338	6065	5673	-1186	18846	0	18846	2300	379	21525	49.97
18	6706	400	241	7347	162	6710	0	79	5539	5052	-959	18007	0	18007	2293	384	20684	50.00
19	6665	523	227	7415	117	6747	0	3	5328	5281	-826	18341	0	18341	2368	396	21105	49.97
20	6555	525	236	7316	104	6739	0	0	5269	4777	-809	17757	0	17757	2331	370	20458	49.94
21	6320	358	245	6923	143	6553	0	0	4770	4760	-985	17016	0	17016	2229	378	19623	50.02
22	5585	424	235	6244	173	5959	0	0	5161	5221	-1128	16108	0	16108	2071	361	18540	50.06
23	5640	346	240	6226	238	5753	0	0	5004	4600	-1080	15390	0	15390	1896	347	17633	49.99
24	5505	299	251	6055	286	5537	0	0	4909	4484	-988	15042	0	15042	1754	332	17128	49.88
MUs	145.33	12.06	5.71	163.11	9.70	146.93	0.00	6.72	132.95	130.59	-23.84	425.02	0.00	425.02	48.29	8.19	481.50	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/Jan/2022

Position as on 6.30 Hrs of 18/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.	
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		Continued.	Coal Shortage	

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

Statement-VII

Position as on 6.30 Hrs of 18/Jan/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV MAINBAY Outages/Trippings							
MAIN BAY (707) OF TIRORA CKT - 2 @ KORADI 3	IntraState	17/01/2022	09:18	17/01/2022	19:22	PO	Annual maintenance of Bay equipments
500 KV LINE Outages/Trippings							
CHANDRAPUR - PADGHE HVDC POLE 1	IntraState	17/01/2022	21:00	18/01/2022	01:20	EO	Attending RED HOT at pole-1 base filter Z11- Z1 at jumper connecting to Capacitor bushing.
400 KV MAINBAY Outages/Trippings							
BUS COUPLER @ KOLHAPUR-III (TALANDGE)-400 KV	IntraState	17/01/2022	12:14	17/01/2022	15:47	PO	1. Annual Maintenance work 2. C & Tan delta testing of CT
400 KV LR Outages/Trippings							
400KV KORADI-BHUSAWAL (Koradi end)	IntraState	17/01/2022	10:56			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
JAIGAD - KARAD CKT - 1	IntraState	16/01/2022	21:30	17/01/2022	09:53	HT	HT OV
PADGHE - NAGOTHANE CKT - 2	IntraState	16/01/2022	22:02	17/01/2022	08:12	HT	HT OV
LONIKAND I - KOYNA STAGE-IV	IntraState	16/01/2022	22:09	17/01/2022	08:56	HT	HT OV
PARLI-SOLAPUR (LAMBOTI)	IntraState	17/01/2022	06:17	17/01/2022	14:45	T	B-N fault zone 1 2.2
PARLI - KUMBHARGAON (NANDED) CKT - 1	IntraState	17/01/2022	10:01	17/01/2022	19:17	PO	Hardware Tightening and Fitting Work.
BUS - 1 @ NEW KOYNA	IntraState	17/01/2022	12:25			PO	Bus conductor replacement Work & Bus Isolator replacement work
JAIGAD - KARAD CKT - 2	IntraState	17/01/2022	22:30			HT	H/T for o/v.
400 KV ICT Outages/Trippings							
400/220/33 KV 600 MVA ICT - 4 @ PADGHE	IntraState	15/01/2022	00:00	17/01/2022	06:21	PO	1) Oil filtration of Bph unit due to low BDV value 46kV and Water content 20mg/kg. Toatal gases 1269 2) Oil filtration of Rph unit due to increasing trend of Gases. 3) Diagnostic Testing work 4) MTAMC work 5) Bay maint work. 6) Attending Hot spot 7) Oil leakage attending work 8) Replacement of Buchholz Relay 9) CB Overhauling work
105 MVA SPARE ICT @ AKOLA	IntraState	17/01/2022	09:46	17/01/2022	15:41	PO	Routine maintenance & testing work
400/220 KV 3X105 MVA ICT - 1 @ NAGOTHANE	IntraState	17/01/2022	11:40	17/01/2022	17:14	PO	Post monsoon maint work
220 KV LINE Outages/Trippings							

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

Statement-VII

Position as on 6.30 Hrs of 18/Jan/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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			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
BABLESHWAR- ALEPHATA CKT - 1	IntraState	16/01/2022	08:57	17/01/2022	22:50	PO	for outage of 220 Kv Babhaleshwar Alephata Dc line For Line STRINGING erection work of the 220 kv SPND +3 tower between loc no 17 and 18 by LMSD Babhaleshwar
BABHALESHWAR - UTECH SUGAR	IntraState	16/01/2022	09:11	17/01/2022	00:12	PO	for outage of 220 Kv Babhaleshwar erection of the 220 kv SPND +3 tower between loc no 17 and 18 by LMSD Babhaleshwar)
BABLESHWAR -BHENDA	IntraState	17/01/2022	06:03	17/01/2022	14:10	T	zone 1 y-ph 27.3 KM from BBLR
MAIN BUS @ TILWANI	IntraState	17/01/2022	09:43	17/01/2022	16:50	PO	1) Quarterly maintenance of 220 kV PT and all 220 KV Main Bus isolators of all line & T/F bays. 2) Hot spot attending work 3) PT testing work.
PARANDA-BARSHI	IntraState	17/01/2022	11:02	17/01/2022	17:38	PO	Outage is required for 1. LMU & LMDU replacement 2. Line isolator & CC jump replacement work
JEJURI - KONDHWA	IntraState	17/01/2022	15:44	17/01/2022	16:12	EO	For 220 kV Kondhwa line own CB SF6 gas refilling 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 dismantling 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)
220/100 KV 100 MVA ICT 2 @ VASAI II	IntraState	17/01/2022	10:34	17/01/2022	13:46	PO	For Oil Top up of ICT-2 Conservator Tank by Agency and Diagnostic Testing work.
220 / 110 / 33kV 250MVA ICT 8 @ DHARAVI	IntraState	17/01/2022	18:26	17/01/2022	20:40	PO	For connecting new NGT
220/100 KV 200 MVA ICT 2 @ TROMBAY	IntraState	17/01/2022	20:45	18/01/2022	22:53	EO	SF6 gas top up in ICT-2 LV breaker to avoid any untoward incidence & failure of ICT.

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