

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	142.263	2331.356	1) Gujrat	-8.233	-100.568
2) Hydro	9.648	175.562	2) Madhya Pradesh	2.622	82.619
3) Gas	5.241	70.491	3) Chattisgarh	5.600	92.210
Total MSPGCL	157.152	2577.409	4) Maharashtra	128.273	2052.449
B) 1) APLM	59.651	1092.878	5) Goa (Amona)	-1.206	-22.210
2) JSWEL	14.784	222.802	Total	127.056	2104.500
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.347	341.694
4) RPL(AMT)	25.051	418.161	b) Mumbai Drawl	19.487	367.033
5) SWPGPL	6.657	83.150	c) MSEDCL Bilateral *	64.083	890.271
6) Other IPP	31.127	605.489	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.347	341.571
C) 1) TPCL Thermal	11.625	160.547	Include PX	0.000	0.000
2) TPCL Hydro	1.641	62.226	Standby	0.000	0.123
3) TPCL Gas	0.000	9.340	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.089	144.029	1) MSEDCL	415.378	6831.404
D) STATE			2) Mumbai Discoms	40.842	743.174
1) Thermal	299.247	5058.412	3) Other Discoms	7.860	144.536
(A1+C1+C4+(B1-B6))			TOTAL STATE	464.080	7719.114
2) Hydro	11.289	237.788			
(A2+C2)					
3) Gas	5.241	79.831			
(A3+B7+C3)					
4) Wind	16.269	141.991			
6) SOLAR	4.978	96.593			
TOTAL STATE	337.024	5614.615			

* 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	6522	6620	6194	4872
MSPGCL Hydro	484	495	374	314
MSPGCL Gas	147	243	247	237
MSPGCL Total Generation	7153	7358	6815	5423
Central Sector Receipt	7383	6374	4842	4370
WIND	676	336	514	969
CPP / IPP Thermal	6493	6512	6495	4831
CPP / IPP Gas	0	0	0	0
SOLAR	542	730	0	0
Exchange with Mumbai	-1058	-929	-817	-910
MSEDCL DEMAND MET	20853	20063	17486	14358
Load Shedding	0	0	0	0
MSEDCL DEMAND	20853	20063	17486	14358
TPCL GENERATION	537	728	786	392
AEML GENERATION	360	322	390	318
MUMBAI DEMAND	1955	1979	1993	1620
OTHER DISCOM DEMAND	336	318	363	325
STATE DEMAND MET	23144	22360	19842	16303
STATE DEMAND	23144	22360	19842	16303
Frequency (Hz)	49.98	49.99	50.01	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.28 Hz at 22.00 Hrs	49.79 Hz at 09.04 Hrs	50	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/Jan/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.46	44.81	190	115
Unit 7	0.00	0.00	0	0
Unit 8	13.09	213.48	577	373
Unit 9	13.02	177.44	604	368
Unit 10	11.97	184.36	582	370
Total	41.54	620.09		
Bhusawal				
Unit 3	2.98	41.40	170	115
Unit 4	0.00	100.73	0	0
Unit 5	8.57	133.68	435	280
Total	11.55	275.80		
Parli				
Unit 6	3.88	59.64	210	147
Unit 7	3.64	60.40	216	133
Unit 8	3.68	63.10	206	142
Total	11.20	183.15		
Chandrapur				
Unit 3	3.00	42.97	160	100
Unit 4	3.09	52.68	161	85
Unit 5	7.12	123.17	345	270
Unit 6	8.07	135.28	395	275
Unit 7	4.80	71.52	310	0
Unit 8	9.59	155.53	442	290
Unit 9	9.14	150.35	439	285
Total	44.81	731.50		
Paras				
Unit 3	3.76	68.34	222	137
Unit 4	3.68	60.57	222	114
Total	7.44	128.90		
Khaparkheda				
Unit 1	3.13	38.47	150	115
Unit 2	0.00	0.00	0	0
Unit 3	3.51	55.56	184	125
Unit 4	3.51	54.04	177	108
Unit 5	9.57	153.45	500	279
Total	19.72	301.52		
Nasik				
Unit 3	3.03	45.21	168	118
Unit 4	0.00	18.28	0	0
Unit 5	2.97	26.90	161	112
Total	6.00	90.38		
Uran				
All Units	5.24	70.49	249	147
Total	5.24	70.49		
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)	0.25	4.72	32	0
Total	0.25	4.72		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.38	35.69	210	35
Stage 4	0.17	17.88	84	0
Stage 3	0.00	11.93	0	0
Total	1.55	65.50		
Hydro				
KDPH	0.78	3.63	36	24
VTRNA	0.73	8.14	60	0
TILLARI	0.52	8.35	58	0
BHIRA T.R.	0.16	3.88	40	0
SMLHY_PTN	5.82	85.97	253	228
GHATGHAR	0.09	0.09	58	0
Total	8.10	110.06		
Wind				
Total	16.27	141.99	0	0
Total	16.27	141.99		
CPP				
APML(Mus)	59.65	1092.88	0	0
JSWEL(Mus)	14.78	222.80	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.05	418.16	0	0
SWPGPL-Mus	6.66	83.15	0	0
Other(Mus)	31.13	605.49	0	0
Total	137.27	2422.48		
SOLAR				
Total	4.98	96.59	0	0
Total	4.98	96.59		
Tata				
Trombay 5	7.71	105.53	463	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	3.91	55.02	221	129
TATA Hydro	1.64	62.23	265	0
Total	13.27	232.11		
AEML				
DTPS U-1&2	8.09	144.03	433	301
Total	8.09	144.03		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	142.26	2331.36	MSPGCL Total	157.15	2577.41
			MSPGCL Thml+Gas	147.50	2401.85	Koyna 1,2 & 4 Total	1.55	53.57
			MSPGCL Hydro	9.65	175.56	State Total	337.02	5614.62

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 16/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	4909	379	214	5502	797	4933	0	0	4786	4451	-784	14589	0	14589	1497	310	16396	49.99
2	5220	317	223	5760	897	4622	0	0	4765	4594	-695	14893	0	14893	1404	285	16582	49.99
3	5205	312	211	5728	955	4627	0	0	4781	4640	-642	15039	0	15039	1343	269	16651	49.98
4	5255	321	213	5789	961	4708	0	0	4736	4569	-618	15127	0	15127	1309	282	16718	49.93
5	5434	326	222	5982	1051	4764	0	0	4796	4763	-604	15660	0	15660	1314	296	17270	49.99
6	5535	321	206	6062	1132	5074	0	0	4930	4888	-621	16223	0	16223	1402	312	17937	50.00
7	5942	321	237	6500	1034	5850	0	1	5094	4752	-658	17146	0	17146	1466	333	18945	50.04
8	6295	332	238	6865	987	6161	0	29	5357	5268	-809	18158	0	18158	1536	343	20037	50.00
9	6406	643	162	7211	969	6157	0	179	5784	5736	-928	18989	0	18989	1694	335	21018	49.99
10	6797	544	158	7499	842	6524	0	361	6573	6687	-991	20571	0	20571	1851	351	22773	49.94
11	6522	484	147	7153	676	6493	0	542	7867	7383	-1058	20853	0	20853	1955	336	23144	49.98
12	6753	491	174	7418	440	6593	0	754	7041	6864	-1067	20692	0	20692	1945	310	22947	49.97
13	6620	495	243	7358	336	6512	0	730	6898	6374	-929	20063	0	20063	1979	318	22360	49.99
14	6284	464	230	6978	220	6005	0	718	6745	6149	-839	18924	0	18924	1893	307	21124	50.01
15	6288	568	224	7080	224	5840	0	739	6792	6483	-811	19239	0	19239	1816	316	21371	50.05
16	6419	438	225	7082	158	5981	0	538	6483	6139	-772	18786	0	18786	1772	340	20898	50.02
17	6346	430	239	7015	149	6503	0	297	5677	5042	-720	17949	0	17949	1757	337	20043	49.97
18	6255	411	233	6899	209	6253	0	85	4856	4388	-550	16917	0	16917	1802	367	19086	50.00
19	6214	376	233	6823	396	6525	0	5	4795	4612	-602	17387	0	17387	1944	372	19703	50.03
20	6194	374	247	6815	514	6495	0	0	4933	4842	-817	17486	0	17486	1993	363	19842	50.01
21	5862	354	237	6453	650	5824	0	0	4982	4598	-964	16202	0	16202	1941	359	18502	50.03
22	5488	329	239	6056	839	5108	0	0	4994	4840	-1085	15409	0	15409	1868	349	17626	50.03
23	5148	304	249	5701	864	4887	0	0	4923	4624	-1013	14716	0	14716	1741	347	16804	50.05
24	4872	314	237	5423	969	4831	0	0	4644	4370	-910	14358	0	14358	1620	325	16303	50.02
MUs	142.26	9.65	5.24	157.15	16.27	137.27	0.00	4.98	133.23	127.06	-19.49	415.38	0.00	415.38	40.84	7.86	464.08	50.00

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/Jan/2022

Position as on 6.30 Hrs of 17/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 U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
PGPL	PGPL U1	262	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	SWPGL U-2	135	13/01/2022	08:00	16/01/2022	11:04	ID Fan Problem	
IPP	JSW (J) U3	300	15/01/2022	07:46		Continued.	non availability of load schedule.	
MSPGCL	Chandrapur Unit 7	500	15/01/2022	19:11	16/01/2022	06:44	Generator Protection operated	

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

Statement-VII

Position as on 6.30 Hrs of 17/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							
PADGHE (GIS) PG - KUDUS CKT - 2	InterState	16/01/2022	09:31	16/01/2022	20:16	PO	AMP OF PADGHE KUDUS LINE 2 EQUIPMENTS/RELAY TESTING AT PADGHE/KUDUS END.
KUDUS - KALA CKT - 1	InterState	16/01/2022	10:18	16/01/2022	19:13	PO	For AMP works at Kala. Also, line AMP works. A/R OFF on ckt-2 and dia to be kept open.
KALWA - TALEGAON (PG)	InterState	16/01/2022	13:47	16/01/2022	19:30	PO	Cold Line cleaning, Chemical Cleaning of Insulators and Routine Maintenance Activity
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 - 2	IntraState	15/01/2022	20:17	16/01/2022	09:45	HT	Handtripped on Over Voltage
PADGHE - NAGOTHANE CKT - 1	IntraState	15/01/2022	23:45	16/01/2022	08:12	HT	HT FOR OVERVOLTAGE
JAIGAD - KARAD CKT - 1	IntraState	16/01/2022	21:30			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			T	B-N fault zone 1 2.2
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. Total 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
400/220 KV 3X200 MVA ICT - 2 @ KALWA	IntraState	16/01/2022	06:12	16/01/2022	14:36	PO	1) Oil Top up in Conservator Tank R & Y Unit 2) All Diagnostic Testing and Bay maintenance Work.
220 KV LINE Outages/Trippings							

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

Statement-VII

Position as on 6.30 Hrs of 17/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
TATA BORIVLI MSETCL BORIVLI - 4	IntraState	07/01/2022	11:25			PO	For shifting to New GIS at Tata Borivali
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
TROMBAY SALSETTE LINE-2	IntraState	15/01/2022	23:25	16/01/2022	06:26	HT	Metro-4 Work
ADLABS - PEDAMBE	IntraState	15/01/2022	23:30	16/01/2022	00:25	T	Distance Protection
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)
CHAKAN-MAHINDRA VEHICLE	IntraState	16/01/2022	09:38	16/01/2022	19:11	PO	for jumper connection from Isolator to PT, Metering connections, CT-PT testing and charging of new CT-PT for 40MVA at Bay-2, Opportunity outage for Bay Maintenance and Dignostic Testing work.
MAHINDRA VEHICLE- BRIDGESTONE	IntraState	16/01/2022	09:38	16/01/2022	19:16	PO	for jumper connection from Isolator to PT, Metering connections, CT-PT testing and charging of new CT-PT for 40MVA at Bay-2, Opportunity outage for Bay Maintenance and Dignostic Testing work.
TROMBAY - SALSETTE CKT - 1	IntraState	16/01/2022	23:25	16/01/2022	06:26	HT	Metro-4 Work
BABLESHWAR -BHENDA	IntraState	17/01/2022	06:03			T	zone 1 y-ph 27.3 KM from BBLR
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

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

Statement-VII

Position as on 6.30 Hrs of 17/Jan/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/22 KV 50 MVA PTR 3 @ NALASOPARA	IntraState	16/01/2022	09:10	16/01/2022	18:50	PO	1. Cap & Tandelta of Winding, bushing and CT, 10kV Excitation and PI of PTR. 2. Auxiliary protection Trials of PTR. 3. HV and LV side Isolator maintenance. 4. HV and LV side LA Meggering. 5. HT tapping of LV side jumper. 6. LV side CB timings and CRM. 7. Cooling fan maintenance work.
220/132KV 100 MVA ICT 2@ PETH	IntraState	16/01/2022	09:25			PO	Oil filtration & oil leakage attending work by replacement of gaskets of bushing, PRV & inspection window
220 / 110 / 22kV 250MVA ICT 1 @ SAKI	IntraState	16/01/2022	09:39			PO	Only breakers to be kept open (220/110/33 Kv)

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