

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Jan/2022 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	164.090	910.390	1) Gujrat	-8.055	-56.340
2) Hydro	12.763	64.909	2) Madhya Pradesh	6.277	21.600
3) Gas	3.618	28.228	3) Chattisgarh	5.330	32.820
Total MSPGCL	180.471	1003.527	4) Maharashtra	133.850	781.175
B) 1) APLM	69.037	412.339	5) Goa (Amona)	-1.432	-8.458
2) JSWEL	14.278	79.172	Total	135.970	770.797
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.800	131.004
4) RPL(AMT)	27.233	159.655	b) Mumbai Drawl	25.813	143.758
5) SWPGPL	3.148	26.131	c) MSEDCL Bilateral *	51.380	303.322
6) Other IPP	39.211	236.261	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.704	130.908
C) 1) TPCL Thermal	10.761	61.607	Include PX	0.000	0.000
2) TPCL Hydro	5.366	25.897	Standby	0.096	0.096
3) TPCL Gas	0.000	9.340	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.019	58.218	1) MSEDCL	448.169	2582.143
D) STATE			2) Mumbai Discoms	51.959	298.820
1) Thermal	337.777	1943.773	3) Other Discoms	8.153	49.254
(A1+C1+C4+(B1-B6))			TOTAL STATE	508.281	2930.217
2) Hydro (A2+C2)	18.129	90.806			
3) Gas (A3+B7+C3)	3.618	37.568			
4) Wind	6.101	50.105			
6) SOLAR	6.686	37.168			
TOTAL STATE	372.311	2159.420			

* 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 19 Hrs	D. Night Minimum at 1 Hrs
MSPGCL Thermal	7375	7323	7174	5692
MSPGCL Hydro	1442	813	410	302
MSPGCL Gas	148	156	147	150
MSPGCL Total Generation	8965	8292	7731	6144
Central Sector Receipt	6764	6877	5063	4926
WIND	259	130	137	468
CPP / IPP Thermal	6567	6693	6970	5481
CPP / IPP Gas	0	0	0	0
SOLAR	909	1040	4	0
Exchange with Mumbai	-1157	-1332	-915	-932
MSEDCL DEMAND MET	21943	21339	18612	15777
Load Shedding	0	0	0	0
MSEDCL DEMAND	21943	21339	18612	15777
TPCL GENERATION	999	811	1100	596
AEML GENERATION	501	497	499	287
MUMBAI DEMAND	2657	2640	2514	1815
OTHER DISCOM DEMAND	364	361	378	310
STATE DEMAND MET	24964	24340	21504	17902
STATE DEMAND	24964	24340	21504	17902
Frequency (Hz)	50.00	50.00	49.93	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.19 Hz at 22.01 Hrs	49.73 Hz at 16.36 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 06/Jan/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.50	20.37	175	115
Unit 7	0.00	0.00	0	0
Unit 8	14.23	79.74	605	559
Unit 9	13.37	47.61	585	526
Unit 10	12.06	66.59	535	409
Total	43.16	214.31		
Bhusawal				
Unit 3	3.38	19.81	165	120
Unit 4	8.35	51.43	420	280
Unit 5	8.68	51.90	455	280
Total	20.41	123.14		
Parli				
Unit 6	4.08	24.13	204	151
Unit 7	3.90	23.02	205	144
Unit 8	3.98	23.50	178	153
Total	11.95	70.65		
Chandrapur				
Unit 3	3.83	21.57	189	118
Unit 4	3.67	20.66	178	121
Unit 5	8.37	46.84	400	300
Unit 6	9.33	51.64	450	273
Unit 7	8.16	45.89	380	278
Unit 8	10.42	59.41	455	275
Unit 9	10.12	58.02	453	284
Total	53.89	304.02		
Paras				
Unit 3	4.75	26.57	241	143
Unit 4	4.40	25.67	229	138
Total	9.15	52.24		
Khaparkheda				
Unit 1	2.82	16.24	125	110
Unit 2	0.00	0.00	0	0
Unit 3	3.41	20.49	160	128
Unit 4	3.48	19.62	175	127
Unit 5	10.18	55.80	480	285
Total	19.89	112.16		
Nasik				
Unit 3	3.28	12.83	158	120
Unit 4	2.35	15.07	185	0
Unit 5	0.00	5.96	0	0
Total	5.63	33.87		
Uran				
All Units	3.62	28.23	161	142
Total	3.62	28.23		
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)	0.18	3.22	40	0
Total	0.18	3.22		
Koyana				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.33	16.04	455	35
Stage 4	1.54	5.64	583	0
Stage 3	1.15	5.26	240	0
Total	6.02	26.94		
Hydro				
KDPH	0.00	0.88	0	0
VTRNA	0.89	1.13	60	0
TILLARI	0.52	3.13	58	0
BHIRA T.R.	0.23	1.58	40	0
SMLHY_PTN	5.09	31.24	226	201
GHATGHAR	0.00	0.00	0	0
Total	6.74	37.96		
Wind				
Total	6.10	50.10	0	0
Total	6.10	50.10		
CPP				
APML(Mus)	69.04	412.34	0	0
JSWEL(Mus)	14.28	79.17	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	27.23	159.66	0	0
SWPGPL-Mus	3.15	26.13	0	0
Other(Mus)	39.21	236.26	0	0
Total	152.91	913.56		
SOLAR				
Total	6.69	37.17	0	0
Total	6.69	37.17		
Tata				
Trombay 5	6.82	39.58	446	233
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	3.94	22.03	221	133
TATA Hydro	5.37	25.90	437	2
Total	16.13	96.84		
AEMIL				
DTPS U-1&2	10.02	58.22	501	287
Total	10.02	58.22		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	164.09	910.39	MSPGCL Total	180.47	1003.53
			MSPGCL Thml+Gas	167.71	938.62	Koyna 1,2 & 4 Total	4.87	21.68
			MSPGCL Hydro	12.76	64.91	State Total	372.31	2159.42

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 06/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	5692	302	150	6144	468	5481	0	0	5207	4926	-932	15777	0	15777	1815	310	17902	50.00
2	5791	316	161	6268	437	5477	0	0	5045	5097	-924	16071	0	16071	1699	284	18054	50.00
3	6197	319	148	6664	386	5529	0	0	4933	4829	-902	16258	0	16258	1616	248	18122	50.03
4	6251	259	148	6658	418	5524	0	0	4968	4859	-824	16378	0	16378	1567	257	18202	50.04
5	6243	258	148	6649	415	5758	0	0	5062	5247	-826	16965	0	16965	1566	278	18809	50.03
6	6648	252	160	7060	423	6330	0	0	5055	5043	-858	17691	0	17691	1653	307	19651	50.01
7	7154	362	149	7665	404	6484	0	13	5092	5233	-780	18696	0	18696	1761	323	20780	50.02
8	7366	576	160	8102	441	6541	0	142	5817	5644	-803	19726	0	19726	1936	341	22003	49.90
9	7394	777	151	8322	281	6557	0	432	6117	6456	-1024	20651	0	20651	2226	373	23250	49.92
10	7347	1071	160	8578	305	6540	0	712	6699	6606	-1126	21243	0	21243	2487	372	24102	49.95
11	7375	1442	148	8965	259	6567	0	909	6689	6764	-1157	21943	0	21943	2657	364	24964	50.00
12	7302	1430	146	8878	207	6611	0	1053	6908	6722	-1279	21839	0	21839	2683	353	24875	49.93
13	7323	813	156	8292	130	6693	0	1040	6965	6877	-1332	21339	0	21339	2640	361	24340	50.00
14	7294	568	142	8004	93	6777	0	889	6958	6845	-1372	20889	0	20889	2486	347	23722	50.06
15	7231	517	143	7891	92	6805	0	751	7248	7177	-1358	21006	0	21006	2476	352	23834	50.01
16	7251	524	143	7918	108	6844	0	509	6892	6841	-1335	20531	0	20531	2468	354	23353	50.02
17	7232	645	143	8020	122	6902	0	197	6271	6073	-1226	19710	0	19710	2458	378	22546	49.93
18	7246	359	156	7761	156	6944	0	35	5651	5419	-1100	18821	0	18821	2455	394	21670	49.98
19	7174	410	147	7731	137	6970	0	4	5519	5063	-915	18612	0	18612	2514	378	21504	49.93
20	7109	450	158	7717	140	6943	0	0	5027	4787	-928	18286	0	18286	2455	373	21114	49.98
21	6738	312	146	7196	74	6814	0	0	4999	4619	-1196	17127	0	17127	2314	380	19821	50.01
22	6273	306	149	6728	157	6325	0	0	5409	5119	-1283	16694	0	16694	2153	352	19199	49.98
23	6252	241	158	6651	167	5920	0	0	5402	4945	-1222	16116	0	16116	1997	345	18458	50.02
24	6207	254	148	6609	281	5571	0	0	5274	4779	-1111	15800	0	15800	1877	329	18006	50.01
MUs	164.09	12.76	3.62	180.47	6.10	152.91	0.00	6.69	139.21	135.97	-25.81	448.17	0.00	448.17	51.96	8.15	508.28	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 06/Jan/2022

Position as on 6.30 Hrs of 07/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	
IPP	SWPGL U-2	135	25/12/2021	00:09		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 Vibration high	
MSPGCL	Ghatghar Unit-1	125	10/11/2021	23:55		Continued.	Static frequency controller disconnecting switch short circuit problem	10/03/2022
MSPGCL	Ghatghar Unit-2	125	10/11/2021	23:55		Continued.	Static frequency controller disconnecting switch short circuit problem	10/03/2022
IPP	JSW (J) U2	300	19/11/2021	01:26		Continued.	No schedule.	
MSPGCL	Uran Unit 6	108	02/12/2021	07:45		Continued.	Gas shortage	
MSPGCL	Nasik Unit 5	210	02/01/2022	23:25		Continued.	Boiler Validity Renevoation	
CPP	SWPGL U-4	135	03/01/2022	18:28		Continued.	TRIPPED DUE TO P.A FAN PROBLEM	
MSPGCL	Uran Unit 5	108	04/01/2022	00:15		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	04/01/2022	22:06	06/01/2022	07:34	Boiler Tube Leakage	
MSPGCL	Koyna Unit 8	80	06/01/2022	12:05	06/01/2022	19:05	Preventive Maintenance Work	
MSPGCL	Bhusawal Unit 3	210	07/01/2022	02:00		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 06/Jan/2022

Statement-VII

Position as on 6.30 Hrs of 07/Jan/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV TIEBAY Outages/Tripping							
TIE BAY (705) OF ICT - 2 & BUS REACTOR @ KORADI 3	IntraState	06/01/2022	09:49	06/01/2022	19:01	PO	Annual maintenance of Bay equipments
500 KV TBC Outages/Tripping							
POLE-2 BASE AC FILTER Z1-Z2(200MVAR) @ CHANDRAPUR HVDC	IntraState	05/01/2022	23:35	06/01/2022	02:14	EO	1. To attend the hotspot having temperature > 150 °C & between 100- 150 °C
400 KV TIEBAY Outages/Tripping							
TIE BAY (411) OF STATION TF 8A & CHANDRAPUR 2 CKT - 2 @ CHANDRAPUR SWG S/S	IntraState	06/01/2022	10:44	06/01/2022	16:17	PO	for Diagnostic testing & allied bay maintenance work
400 KV LINE Outages/Tripping							
TBC 2 @ CHANDRAPUR	IntraState	20/12/2021	08:58			PO	1) For replacement of 400KV old overaged PG Isolators (Bus-1 & Aux. Bus Isolators.) 2) Servicing and overhauling of 400KV BHEL make quadruple CB. 3) Measurement of Timing, DCRM and CRM of CB.
TBC @ KORADI-1	IntraState	24/12/2021	13:40			EO	"Heavy air leakage in ABB make 400 kV CB R pole observed and CB got lockout due to 0 bar air pressure in CB. To attend the heavy air leakage of ABB make 400 kV CB R pole emergency outage is required on 400 kV TBC Bay ."
NAGOTHANE - DABHOL CKT - 2	IntraState	04/01/2022	09:55	06/01/2022	00:56	HT	fire observed in wavetrap at Dabhol .
CHANDRAPUR 2- KUMBHARGAON (NANDED) CKT - 1	IntraState	06/01/2022	08:27	06/01/2022	17:38	PO	This office proposed the outage on 400KV Chandrapur 2- Nanded ckt-1 (OCC State Element Sr No 05) on dt. 05.01.2022 but it was deferred due to approved outage on 400KV Chandrapur 2- Warora ckt-1. Hence you are requested to rescheduled outage on 400KV Chandrapur- Nanded ckt-1 Line on dt. 06.01.2022 for replacement of Faulty/Broken Disc Insulator.
KARAD - TALANDGE CKT - 2	IntraState	06/01/2022	08:32	06/01/2022	18:21	PO	1. C & tan delta testing of CT & CVT 2. QM Work 3. Annual Relay Testing
JEJURI- KOYNA STAGE-IV	IntraState	06/01/2022	11:03	06/01/2022	17:23	PO	PID FAULTY INSULATOR REPLACEMENT WORK
JEJURI- KOYNA STAGE-IV	IntraState	06/01/2022	11:03	06/01/2022	17:23	PO	Insulator string replacement work (LILO part 1-32)
400 KV ICT Outages/Tripping							
400/220kV 105 MVA SPARE ICT @ NEW KOYNA	IntraState	06/01/2022	09:53	06/01/2022	19:30	PO	Diagnostic testing & Relay testing work & Routine maint. Work
220 KV MAINBAY Outages/Tripping							
BUS COUPLER @ SONKAR	IntraState	06/01/2022	09:09	06/01/2022	16:55	PO	1. CB CRM & TIMING 2. CT TAN DELTA AND IR VALUES & PAINTING WORK. 3. R.M.WORK.
220 KV LINE Outages/Tripping							

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Jan/2022

Statement-VII

Position as on 6.30 Hrs of 07/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.
WAGHIVALI - DHARAVI 7	IntraState	27/12/2021	08:16	06/01/2022	17:16	PO	NMIA work
WAGHIVALI - DHARAVI 7	IntraState	27/12/2021	08:16	06/01/2022	17:16	PO	FOR NMIA WORK
BABLESHWAR -AHAMADNAGAR-I-JEUR TAP	IntraState	05/01/2022	23:07				29D and 29C isolator servicing and alignment
BABLESHWAR AHAMADNAGAR-II	IntraState	05/01/2022	23:07	06/01/2022	05:41	PO	29D and 29C isolator servicing and alignment
BABLESHWAR -AHAMADNAGAR-I-JEUR TAP	IntraState	06/01/2022	05:59			EO	Replacement of Jumper and attending hot spot of Main Iso to CB Jump B phase.
BABLESHWAR -AHAMADNAGAR-I-JEUR TAP	IntraState	06/01/2022	05:59	06/01/2022	23:28	PO	29A, 29B isolator servicing and alignment and mechanism box replacement . Jump opening and reconnection for Main bus I and Main bus II by Hot line Unit,Nasik
KHARGHAR - NERUL	IntraState	06/01/2022	10:14	06/01/2022	13:21	PO	220kV Nerul Kharghar line will be shifted on 220kV TBC bay. Bus isolator maintenance work by Agency M/s BIMCO
MAIN BUS - 1 @ TALANDGE	IntraState	06/01/2022	11:39	06/01/2022	17:30	PO	1. PID Faulty strings replacement work 2. Chemical cleaning of Main Bus strings 3. All bays A bus iso alignment 4. Annual testing PT
LONAND-PHALTAN MIDC	IntraState	06/01/2022	11:41	06/01/2022	17:05	PO	Commissioning of ABB make distance relay after repairing
MIRAJ - MHAISHAL	IntraState	06/01/2022	12:30	06/01/2022	16:20	PO	String replacement at Loc No.20 R Ph
TROMBAY SALSETTE LINE-2	IntraState	06/01/2022	23:40	07/01/2022	06:19	PO	For Metro work.
TROMBAY - SALSETTE CKT - 1	IntraState	06/01/2022	23:40	07/01/2022	06:19	PO	Metro 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
220/22 KV 50 MVA PTR 1	IntraState	06/01/2022	09:55	06/01/2022	14:08	PO	For checking oil seepage from transformer and for connecting damage earthing strip.
220/100 KV 100 MVA ICT 1 @ TALOJA	IntraState	06/01/2022	10:05	06/01/2022	14:08	PO	For diagnostic testing and differential relay commissioning work.
220/22 KV 50 MVA PTR 1	IntraState	06/01/2022	10:15	06/01/2022	15:18	PO	Dignostic testing & half yearly maintenance work
220/100 KV 100 MVA ICT 1 @ JAMBHUL	IntraState	06/01/2022	10:40	06/01/2022	16:40	PO	1. Diagnostic Testing Work in r/o ICT & Bay equipments. 2. Bay Routine Maintenance Work

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Jan/2022

Statement-VII

Position as on 6.30 Hrs of 07/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	IntraState	06/01/2022	15:20	06/01/2022	19:21	PO	Dignostic testing & half yearly maintenance work

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