

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	143.871	900.460	1) Gujrat	-2.933	-29.709
2) Hydro	17.179	66.879	2) Madhya Pradesh	2.684	-0.500
3) Gas	5.541	33.501	3) Chattisgarh	6.170	28.970
Total MSPGCL	166.591	1000.840	4) Maharashtra	167.303	980.733
B) 1) APLM	75.238	439.743	5) Goa (Amona)	-1.860	-8.440
2) JSWEL	11.945	71.871	Total	171.364	971.054
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.956	165.501
4) RPL(AMT)	25.572	178.427	b) Mumbai Drawl	33.863	193.786
5) SWPGPL	7.472	46.360	c) MSEDCL Bilateral *	76.376	365.994
6) Other IPP	46.736	268.482	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.956	165.501
C) 1) TPCL Thermal	12.053	65.693	Include PX	0.000	0.000
2) TPCL Hydro	4.733	21.523	Standby	0.000	0.000
3) TPCL Gas	1.795	10.246	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.737	59.469	1) MSEDCL	483.098	2831.088
D) STATE			2) Mumbai Discoms	62.181	350.716
1) Thermal	332.624	2030.505	3) Other Discoms	9.221	56.218
(A1+C1+C4+(B1-B6))			TOTAL STATE	554.500	3238.022
2) Hydro	21.912	88.402			
(A2+C2)					
3) Gas	7.336	43.747			
(A3+B7+C3)					
4) Wind	10.162	41.081			
6) SOLAR	11.102	63.234			
TOTAL STATE	383.136	2266.969			

* 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	6412	6088	6009	5154
MSPGCL Hydro	1585	273	1592	201
MSPGCL Gas	232	224	223	237
MSPGCL Total Generation	8229	6585	7824	5592
Central Sector Receipt	8457	8846	6804	6121
WIND	240	326	349	751
CPP / IPP Thermal	6960	6958	7297	6613
CPP / IPP Gas	0	0	0	0
SOLAR	1544	1686	0	0
Exchange with Mumbai	-1781	-1785	-1263	-1338
MSEDCL DEMAND MET	23221	22211	20576	17386
Load Shedding	0	0	0	0
MSEDCL DEMAND	23221	22211	20576	17386
TPCL GENERATION	865	874	1214	546
AEML GENERATION	484	464	500	311
MUMBAI DEMAND	3130	3123	2977	2195
OTHER DISCOM DEMAND	428	406	435	353
STATE DEMAND MET	26779	25740	23988	19934
STATE DEMAND	26779	25740	23988	19934
Frequency (Hz)	50.00	50.02	50.08	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.35 Hz at 06.03 Hrs	49.62 Hz at 07.16 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 06/Dec/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	5.08	30.37	215	205
Unit 7	0.00	0.00	0	0
Unit 8	12.90	77.98	582	451
Unit 9	12.56	79.88	567	480
Unit 10	12.87	79.41	562	460
Total	43.40	267.64		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.36	57.30	475	280
Unit 5	10.54	59.36	495	285
Total	20.90	116.66		
Parli				
Unit 6	4.65	25.74	233	146
Unit 7	4.92	25.85	248	144
Unit 8	3.73	21.20	167	143
Total	13.31	72.79		
Chandrapur				
Unit 3	3.70	21.04	175	125
Unit 4	3.41	19.62	155	120
Unit 5	6.94	41.54	300	275
Unit 6	6.38	39.45	290	245
Unit 7	0.00	0.00	0	0
Unit 8	0.00	31.83	0	0
Unit 9	10.67	60.29	500	297
Total	31.10	213.77		
Paras				
Unit 3	4.93	30.51	220	157
Unit 4	5.12	31.11	224	197
Total	10.04	61.62		
Khaparkheda				
Unit 1	2.98	16.44	135	115
Unit 2	2.70	16.48	145	80
Unit 3	3.98	22.11	184	128
Unit 4	3.40	19.99	162	124
Unit 5	5.11	54.80	430	0
Total	18.19	129.83		
Nasik				
Unit 3	3.54	20.29	174	104
Unit 4	3.38	17.87	170	119
Unit 5	0.00	0.00	0	0
Total	6.92	38.15		
Uran				
All Units	5.54	33.50	239	218
Total	5.54	33.50		
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)	0.13	0.66	24	0
Total	0.13	0.66		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.54	17.56	500	35
Stage 4	6.58	18.83	750	0
Stage 3	2.36	7.98	240	0
Total	13.48	44.37		
Hydro				
KDPH	0.43	2.59	18	18
VTRNA	0.00	0.00	0	0
TILLARI	0.52	3.13	58	0
BHIRA T.R.	0.26	1.08	80	0
SMLHY_PTN	1.93	12.46	88	72
GHATGHAR	0.42	2.58	125	0
Total	3.57	21.84		
Wind				
Total	10.16	41.08	0	0
Total	10.16	41.08		
CPP				
APML(Mus)	75.24	439.74	0	0
JSWEL(Mus)	11.94	71.87	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.57	178.43	0	0
SWPGPL-Mus	7.47	46.36	0	0
Other(Mus)	46.74	268.48	0	0
Total	166.96	1004.88		
SOLAR				
Total	11.10	63.23	0	0
Total	11.10	63.23		
Tata				
Trombay 5	8.28	43.86	473	269
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.12	5.62	107	0
Trombay 7B	0.67	4.63	65	0
TATA Hydro	4.73	21.52	362	6
Trombay 8	3.77	21.84	214	131
Total	18.58	97.46		
AEML				
DTPS U-1&2	9.74	59.47	500	283
Total	9.74	59.47		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	143.87	900.46	MSPGCL Total	166.59	1000.84
			MSPGCL Thml+Gas	149.41	933.96	Koyna 1,2 & 4 Total	11.12	36.39
			MSPGCL Hydro	17.18	66.88	State Total	383.14	2266.97

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 06/Dec/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	5154	201	237	5592	751	6613	0	0	6260	6121	-1338	17386	0	17386	2195	353	19934	50.00
2	5587	235	238	6060	729	6500	0	0	6220	6233	-1201	17996	0	17996	2033	325	20354	50.02
3	5726	141	239	6106	751	6892	0	0	6165	5599	-1154	17888	0	17888	1935	306	20129	50.09
4	5571	146	238	5955	698	6850	0	0	6125	5981	-1094	18115	0	18115	1866	275	20256	49.97
5	5911	254	238	6403	635	6936	0	0	6104	6211	-1143	18757	0	18757	1862	285	20904	49.96
6	6331	138	237	6706	607	6959	0	0	6775	6866	-1261	19561	0	19561	1979	316	21856	50.13
7	6412	576	238	7226	558	6990	0	11	7189	6991	-1277	20151	0	20151	2136	348	22635	49.99
8	6549	1476	238	8263	497	6982	0	207	6714	6852	-1282	21138	0	21138	2324	381	23843	49.81
9	6572	1352	237	8161	253	6981	0	666	7196	7358	-1319	21692	0	21692	2626	409	24726	49.91
10	6508	1344	232	8084	220	7020	0	1151	7593	7741	-1588	22199	0	22199	2929	429	25556	49.80
11	6412	1585	232	8229	240	6960	0	1544	8257	8457	-1781	23221	0	23221	3130	428	26779	50.00
12	6350	742	230	7322	297	6941	0	1667	8951	8587	-1800	22612	0	22612	3161	403	26175	50.05
13	6088	273	224	6585	326	6958	0	1686	9061	8846	-1785	22211	0	22211	3123	406	25740	50.02
14	5767	347	223	6337	301	6972	0	1612	8565	8767	-1689	21897	0	21897	3013	403	25313	50.04
15	5951	539	222	6712	264	6986	0	1395	8788	8740	-1675	22002	0	22002	3047	420	25469	50.02
16	6015	930	218	7163	265	6975	0	748	8829	8983	-1596	22115	0	22115	3050	423	25588	50.03
17	6010	1329	224	7563	253	7028	0	372	7933	7879	-1474	21200	0	21200	3011	421	24632	50.02
18	6001	1677	223	7901	272	7129	0	43	7132	6780	-1309	20394	0	20394	2969	422	23785	50.05
19	6009	1592	223	7824	349	7297	0	0	6911	6804	-1263	20576	0	20576	2977	435	23988	50.08
20	5959	1310	225	7494	351	7090	0	0	6363	6604	-1189	19926	0	19926	2840	423	23190	50.09
21	5871	501	228	6600	317	6985	0	0	6399	6365	-1299	18545	0	18545	2670	423	21638	49.98
22	5687	235	230	6152	350	6976	0	0	6402	6316	-1469	17909	0	17909	2533	417	20858	49.97
23	5727	131	232	6090	423	6967	0	0	6401	6301	-1465	17925	0	17925	2425	392	20741	50.02
24	5703	125	235	6063	455	6976	0	0	6188	5982	-1412	17683	0	17683	2347	380	20410	50.03
MUs	143.87	17.18	5.54	166.59	10.16	166.96	0.00	11.10	172.52	171.36	-33.86	483.10	0.00	483.10	62.18	9.22	554.50	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 06/Dec/2022

Position as on 6.30 Hrs of 07/Dec/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Bhusawal Unit 3	210	15/10/2022	15:10		Continued.	ZERO SCHEDULE	
MSPGCL	Koyna STG-IV Unit-1	250	02/12/2022	18:20		Continued.	Annual Overhaul	01/02/2023
FORCED OUTAGE								
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	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)	
CENT.SECTOR	Tarapur 1	160	08/01/2020	10:37		Continued.	Refueling. While refueling preparation, some repair works identified which are being executed before refueling.	31/03/2023
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	30/12/2022
CENT.SECTOR	Tarapur 2	160	13/07/2020	04:38		Continued.	For cleaning of clogged basket strainer of cooling water system due to heavy ingress of debris from sea. The outage extended for repair and re-fueling.	31/03/2023
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	23/12/2022
MSPGCL	Uran Unit A0	120	07/09/2022	16:30		Continued.	TURBINE TRIPPED ON HIGH VIBRATIONS	
IPP	JSW (J) U1	300	11/10/2022	02:40		Continued.	Zero Schedule.	
IPP	SWPGPL U-2	135	11/11/2022	19:36		Continued.	Submerged Scrapper Conveyor Scrapper bar problem.(unit out due to coal shortage from 15.11.2022)	07/12/2022
MSPGCL	Nasik Unit 5	210	19/11/2022	23:20		Continued.	UNIT IS READY(UNIT UNDER TOLLING from 20.11.2022)	07/12/2022
MSPGCL	Chandrapur Unit 7	500	29/11/2022	09:30		Continued.	DUE TO MAIN TURBINE GLAND SEALING PRESSURE HIGH.	31/12/2022
MSPGCL	Chandrapur Unit 8	500	04/12/2022	14:12		Continued.	CONDENSER TUBE LEAKAGE (SILICA ON HIGHER SIDE)	07/12/2022
IPP	RPL(AMT) U-3	270	05/12/2022	12:00		Continued.	Coal Shortage	08/12/2022
TPC-G	Trombay 7B	60	06/12/2022	03:51	06/12/2022	11:59	Gas shortage	
TPC-G	Trombay 7A	120	06/12/2022	04:14	06/12/2022	10:03	Gas shortage	
MSPGCL	Khaparkheda Unit 5	500	06/12/2022	12:50		Continued.	Boiler Tube Leakage	

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

Statement-VII

Position as on 6.30 Hrs of 07/Dec/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400KV 500MVA SPARE ICT UNIT @ EKTUNI	IntraState	06/12/2022	12:20	06/12/2022	18:40	PO	Diagnostic, Relay Testing & Routine Maintenance
400 KV TIEBAY Outages/Trippings							
TIE BAY (405) OF ICT-2 & FUTURE CKT - 2 @ KORADI 3	IntraState	06/12/2022	09:10	06/12/2022	16:42	PO	Annual Maintenance of Bay Equipment
400 KV MAINBAY Outages/Trippings							
400KV MAIN BAY 413 OF SPARE BAY @ CHANDRAPUR 2	InterState	23/06/2022	20:33			EO	for requirement of trip coil material from 400 kv spare bay 413 CB and utilise it in 400 kv Warora Ckt 2 CB 425
400 KV LINE Outages/Trippings							
DHULE - SSNNL CKT - 2	InterState	06/12/2022	11:10	06/12/2022	11:58	T	tripped on distance protection
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	08/11/2022	07:32			HT	For Load Management
LONIKAND I - KOYNA STAGE-IV	IntraState	19/11/2022	18:23			EO	For shifting 400kv Lonikand-Stage IV line on 400kv TBC due to hotspot on 29 B Isolator B phase on hanger rod assembly
KHARGHAR - TALEGAON (PG)	IntraState	03/12/2022	23:54			PO	For Tapping of 400KV Kalwa-Padgha-2 Line on KHARGHAR - TALEGAON (PG) so as to form temporary 400KV Kalwa-Kharghar -Talegaon Line for replacement of existing conductor by HTLS conductor of 400KV Kalwa-Padgha-2 line.
JAIGAD - KARAD CKT - 2	IntraState	05/12/2022	20:03	06/12/2022	09:27	HT	H/T for Over Voltage
NAGOTHANE - DABHOL CKT - 1	IntraState	06/12/2022	12:38	06/12/2022	18:19	PO	Cold washing work
400 KV ICT Outages/Trippings							
400/220 KV 3X105 MVA ICT - 1 @ NAGOTHANE	IntraState	03/12/2022	09:20			PO	FOR CB replacemnt work
400/220/33 KV 315 MVA ICT - 1 @ PARLI	IntraState	05/12/2022	09:45	06/12/2022	00:19	PO	(1) C & Tan D measurement of ICT Units. (2) Bay maintenance work.
400/220/33 KV 500 MVA ICT - 2 @ DHULE	IntraState	06/12/2022	10:57			PO	400/220/33kv 501MVA ICT 2 HV side 400kv Circuit breaker mechanism Overhauling & servicing work
400 KV BR Outages/Trippings							
80 MVAR BUS REACTOR @ PADGHE	IntraState	06/12/2022	11:50	06/12/2022	19:27		1) MTAMC work 2) Diagnostic Testing work
220 KV TBC Outages/Trippings							
BUS COUPLER @ KADEGAON	IntraState	06/12/2022	11:23	06/12/2022	14:49	PO	Diagnostic testing work & Maintenance work of Bus isolator 29B (Disconnection & re connection of bus side jumps by hot line unit)
220 KV LINE Outages/Trippings							
EKLAHARE (OCR) - NAVASARI CKT - 2	IntraState	19/11/2022	14:33			HT	H/T TO CONTROL BBLR LINE LOADING
AAREY - MSETCL BORIVALI CKT - 1	IntraState	24/11/2022	17:39	06/12/2022	19:40	T	Tripped on Differential protection
KALWA SALSETTE - 3	IntraState	01/12/2022	22:23			EO	Interchanging of BUS of 220KV Kalwa-Salshette-3 & 220KV Kalwa -Salshette-4 to free 220 kv TBC. 220 kv Kalwa Salsette 3 line on TBC from 12.11.2022 due to 29 A Bus damaged isolator.

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

Statement-VII

Position as on 6.30 Hrs of 07/Dec/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
KALWA SALSETTE - 4	IntraState	01/12/2022	22:42			EO	Interchanging of BUS of 220 kV Kalwa-Salsette-3 & 220 kV Kalwa-Salsette-4 to free 220 kV TBC. 220 kV Kalwa Salsette 3 line on TBC from 12.11.2022 due to 29 A Bus damaged isolator.
HINJEWADI 2 - HINJEWADI 3 CKT - 2	IntraState	06/12/2022	09:04	06/12/2022	13:56	PO	M 2 maintenance of GIS bay by M/s GE & Biannual relay testing work by Testing team
EKLAHARE (OCR) - PADGHE	IntraState	06/12/2022	09:19			HT	to control overloading
KARAD - DASGAON	IntraState	06/12/2022	10:23			PO	For CT Tan Delta & quarterly Maintenance work.
ALKUD - MENDHEGIRI CKT - 1	IntraState	06/12/2022	10:37	06/12/2022	17:34	PO	Quarterly maintenance & diagnostic testing work
RANJANGAON - U TECH SUGAR CKT	IntraState	06/12/2022	10:55			PO	220kV CB Mechanisam oherhuling work
220 KV ICT Outages/Trippings							
220 / 110 / 22kV 250 MVA ICT 1 @ SALSETTE	IntraState	12/10/2020	11:35			T	Tripped due to Grid disturbance.
220/132KV 100MVA PTR 1 @ KHAREPATAN	IntraState	22/09/2022	16:35			T	ICT bursted
220 / 110 / 22kV 250 MVA ICT 2 @ SALSETTE	IntraState	10/11/2022	10:35			EO	For attending to abnormal Nosie from ICT
220/132KV 200MVA ICT 5 @ EKLAHARE (OCR)	IntraState	06/12/2022	10:17	06/12/2022	17:10	PO	Diagnostic testing work (C & Tan D, CB Timing, CRM of HV, LV)
220/132KV 200MVA ICT 5 @ EKLAHARE (OCR)	IntraState	06/12/2022	10:17	06/12/2022	17:10	PO	diagnostic testing work (C& Tan d, CB timing, CRM of HV LV)

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