

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Dec/2022 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	148.466	148.466	1) Gujrat	-5.584	-5.584
2) Hydro	8.853	8.853	2) Madhya Pradesh	-0.452	-0.452
3) Gas	5.566	5.566	3) Chattisgarh	4.760	4.760
Total MSPGCL	162.885	162.885	4) Maharashtra	163.019	163.019
B) 1) APLM	70.999	70.999	5) Goa (Amona)	-1.359	-1.359
2) JSWEL	8.275	8.275	Total	160.384	160.384
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.661	30.661
4) RPL(AMT)	31.129	31.129	b) Mumbai Drawl	34.910	34.910
5) SWPGPL	7.972	7.972			
6) Other IPP	41.146	41.146	c) MSEDCL Bilateral *	56.691	56.691
7) PGPL	0.000	0.000	Include PX	0.000	0.000
C) 1) TPCL Thermal	9.644	9.644	d) Mumbai Bilateral *	30.661	30.661
2) TPCL Hydro	3.606	3.606	Include PX	0.000	0.000
3) TPCL Gas	1.693	1.693	Standby	0.000	0.000
4) AEML Thermal	9.366	9.366			
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C4+(B1-B6))	326.997	326.997	1) MSEDCL	460.570	460.570
2) Hydro (A2+C2)	12.459	12.459	2) Mumbai Discoms	59.219	59.219
3) Gas (A3+B7+C3)	7.259	7.259	3) Other Discoms	9.428	9.428
4) Wind	9.903	9.903			
6) SOLAR	12.215	12.215	TOTAL STATE	529.217	529.217
TOTAL STATE	368.833	368.833			

* 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 15 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	6611	6585	6784	5704
MSPGCL Hydro	760	580	1028	126
MSPGCL Gas	233	226	228	239
MSPGCL Total Generation	7604	7391	8040	6069
Central Sector Receipt	7975	7663	6586	5514
WIND	201	90	287	371
CPP / IPP Thermal	6866	6828	6749	6377
CPP / IPP Gas	0	0	0	0
SOLAR	1663	1373	0	0
Exchange with Mumbai	-1795	-1914	-1432	-1322
MSEDCL DEMAND MET	22078	21021	19792	16630
Load Shedding	0	0	0	0
MSEDCL DEMAND	22078	21021	19792	16630
TPCL GENERATION	660	600	955	520
AEML GENERATION	502	338	481	340
MUMBAI DEMAND	2957	2852	2868	2182
OTHER DISCOM DEMAND	436	410	438	379
STATE DEMAND MET	25471	24283	23098	19191
STATE DEMAND	25471	24283	23098	19191
Frequency (Hz)	49.94	49.90	50.06	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.2 Hz at 17:33 Hrs	49.76 Hz at 12:53 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 01/Dec/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	5.07	5.07	215	200
Unit 7	0.00	0.00	0	0
Unit 8	13.45	13.45	631	471
Unit 9	13.82	13.82	604	473
Unit 10	12.13	12.13	580	428
Total	44.48	44.48		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.59	8.59	430	280
Unit 5	8.99	8.99	475	275
Total	17.58	17.58		
Parli				
Unit 6	4.21	4.21	229	147
Unit 7	4.12	4.12	234	144
Unit 8	3.14	3.14	138	124
Total	11.47	11.47		
Chandrapur				
Unit 3	3.35	3.35	170	123
Unit 4	3.14	3.14	165	119
Unit 5	6.82	6.82	295	278
Unit 6	6.72	6.72	296	254
Unit 7	0.00	0.00	0	0
Unit 8	8.59	8.59	446	278
Unit 9	9.64	9.64	477	330
Total	38.26	38.26		
Paras				
Unit 3	5.10	5.10	234	186
Unit 4	4.93	4.93	219	188
Total	10.04	10.04		
Khaparkheda				
Unit 1	2.68	2.68	125	100
Unit 2	2.78	2.78	145	80
Unit 3	3.50	3.50	182	127
Unit 4	3.30	3.30	157	125
Unit 5	9.46	9.46	440	280
Total	21.74	21.74		
Nasik				
Unit 3	3.35	3.35	169	118
Unit 4	1.54	1.54	166	0
Unit 5	0.00	0.00	0	0
Total	4.89	4.89		
Uran				
All Units	5.57	5.57	239	225
Total	5.57	5.57		
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)	0.20	0.20	40	0
Total	0.20	0.20		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.02	3.02	415	35
Stage 4	1.74	1.74	407	0
Stage 3	1.06	1.06	240	0
Total	5.82	5.82		
Hydro				
KDPH	0.43	0.43	18	18
VTRNA	0.00	0.00	0	0
TILLARI	0.52	0.52	58	0
BHIRA T.R.	0.16	0.16	40	0
SMLHY_PTN	1.60	1.60	75	60
GHATGHAR	0.12	0.12	100	0
Total	2.83	2.83		
Wind				
Total	9.90	9.90	0	0
Total	9.90	9.90		
CPP				
APML(Mus)	71.00	71.00	0	0
JSWEL(Mus)	8.28	8.28	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.13	31.13	0	0
SWPGPL-Mus	7.97	7.97	0	0
Other(Mus)	41.15	41.15	0	0
Total	159.52	159.52		
SOLAR				
Total	12.22	12.22	0	0
Total	12.22	12.22		
Tata				
Trombay 5	6.24	6.24	285	252
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.90	0.90	41	36
Trombay 7B	0.79	0.79	35	32
TATA Hydro	3.61	3.61	398	8
Trombay 8	3.41	3.41	204	127
Total	14.94	14.94		
AEMIL				
DTPS U-1&2	9.37	9.37	502	287
Total	9.37	9.37		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	148.47	148.47	MSPGCL Total	162.88	162.88
			MSPGCL Thml+Gas	154.03	154.03	Koyna 1,2 & 4 Total	4.76	4.76
			MSPGCL Hydro	8.85	8.85	State Total	368.83	368.83

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 01/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 DEMAN D	OTHER DISCOM DEMAN D	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	5366	117	227	5710	737	6227	0	0	5951	5829	-1283	16857	0	16857	2112	363	19332	50.01
2	5465	118	231	5814	804	6200	0	0	5973	5737	-1165	17056	0	17056	1960	334	19350	49.98
3	5626	118	233	5977	784	6223	0	0	5987	5479	-1097	17055	0	17055	1862	311	19228	49.95
4	5440	123	233	5796	854	6205	0	0	5927	5723	-1035	17245	0	17245	1791	298	19334	49.98
5	5692	119	232	6043	852	6292	0	0	5879	6069	-1009	17923	0	17923	1789	324	20036	49.98
6	5909	124	233	6266	817	6555	0	0	6429	6665	-1128	18832	0	18832	1910	343	21085	50.01
7	6436	218	238	6892	733	6824	0	11	6822	6549	-1219	19403	0	19403	2077	387	21867	50.00
8	6779	550	238	7567	576	6894	0	281	6662	6664	-1298	20284	0	20284	2250	400	22934	49.96
9	6592	214	236	7042	307	6880	0	791	7339	7463	-1521	20549	0	20549	2511	413	23473	50.01
10	6303	264	235	6802	229	6935	0	1340	7611	8003	-1590	21279	0	21279	2778	440	24497	49.99
11	6611	760	233	7604	201	6866	0	1663	7971	7975	-1795	22078	0	22078	2957	436	25471	49.94
12	6411	560	233	7204	183	6827	0	1825	8235	7937	-1814	21741	0	21741	2985	421	25147	49.94
13	6041	471	232	6744	138	6820	0	1811	7919	7600	-1771	20934	0	20934	2937	408	24279	49.87
14	6119	273	229	6621	114	6818	0	1717	7847	7750	-1823	20805	0	20805	2806	392	24003	49.96
15	6585	580	226	7391	90	6828	0	1373	7527	7663	-1914	21021	0	21021	2852	410	24283	49.90
16	6822	600	225	7647	75	6754	0	945	7670	7662	-1895	20764	0	20764	2880	424	24068	49.98
17	6817	719	227	7763	81	6859	0	407	7204	7073	-1690	20063	0	20063	2867	430	23360	49.96
18	6836	834	228	7898	151	6883	0	51	6566	6572	-1510	19624	0	19624	2839	421	22884	50.05
19	6784	1028	228	8040	287	6749	0	0	6403	6586	-1432	19792	0	19792	2868	438	23098	50.06
20	6722	498	227	7447	373	6733	0	0	6636	6353	-1403	19074	0	19074	2734	429	22237	50.01
21	6061	181	233	6475	403	6721	0	0	5975	5803	-1362	17625	0	17625	2577	415	20617	49.99
22	5666	127	234	6027	390	6594	0	0	5957	6069	-1431	17230	0	17230	2414	419	20063	50.02
23	5679	131	236	6046	353	6457	0	0	5936	5646	-1403	16705	0	16705	2281	394	19380	49.93
24	5704	126	239	6069	371	6377	0	0	5876	5514	-1322	16630	0	16630	2182	379	19191	49.98
MUs	148.47	8.85	5.57	162.88	9.90	159.52	0.00	12.22	162.30	160.38	-34.91	460.57	0.00	460.57	59.22	9.43	529.22	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 01/Dec/2022

Position as on 6.30 Hrs of 02/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	
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)	01/12/2022
MSPGCL	Nasik Unit 5	210	19/11/2022	23:20		Continued.	UNIT IS READY(UNIT UNDER TOLLING from 20.11.2022)	05/12/2022
IPP	JSW (J) U4	300	27/11/2022	11:25		Continued.	due to no schedule.	
IPP	IEPL Unit 1	270	28/11/2022	20:00		Continued.	Steam leakage from Boiler MS stop valve.	03/12/2022
MSPGCL	Chandrapur Unit 7	500	29/11/2022	09:30		Continued.	DUE TO MAIN TURBINE GLAND SEALING PRESSURE HIGH.	31/12/2022
MSPGCL	Nasik Unit 4	210	30/11/2022	13:32	01/12/2022	12:35	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 01/Dec/2022

Statement-VII

Position as on 6.30 Hrs of 02/Dec/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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							
PUNE(GIS) - TALEGAON(PG) CKT - 1	InterState	29/11/2022	16:50	01/12/2022	17:01	PO	For attending SF6 gas leakage
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
220 KV TAPTITANDA (400 KV) - WALUJ CKT- 1	IntraState	29/11/2022	06:26	01/12/2022	14:51	HT	OUTAGE AVAILED FOR REPLACEMENT OF FAULTY DISC INSULATORS REPLACEMENT
THAPTI TANDA - AURANGABAD (WALUJ)	IntraState	29/11/2022	06:26	01/12/2022	14:51	PO	Replacement of faulty disc insulators strings by new LRP strings
LONIKAND - JEJURI CKT - 2	IntraState	30/11/2022	15:05	01/12/2022	17:20	HT	For load management of 400 KV Talegaon PG- PUNE GIS ckt 2,3,4
KALWA - KHARGHAR	IntraState	30/11/2022	22:03	01/12/2022	07:04	HT	Emergency outage availed to apply repair sleeve on broken conductor strand near vibration damper
JAIGAD - KARAD CKT - 2	IntraState	30/11/2022	23:51	01/12/2022	09:06	HT	H/T to Control Over Voltage.
NEW KOYNA - DABHOL CKT - 1	IntraState	01/12/2022	11:32	01/12/2022	16:10	EO	Y pole mechanism Oil leakage
PADGHE - NAGOTHANE CKT - 2	IntraState	01/12/2022	13:09	01/12/2022	19:11	PO	for string replacement work
400 KV ICT Outages/Trippings							
400/220 KV 167MVA SPARE ICT @ LONIKAND 2	IntraState	01/12/2022	09:57	01/12/2022	12:46	PO	Diagnostic testing and Maintenance
400/220/33 KV 315MVA ICT - 1 @ BABHALESHWAR	IntraState	01/12/2022	20:35	02/12/2022	02:54	T	HV side B phase LA failure
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			T	Tripped on Differential protection
EKLAHARE (OCR) - PADGHE	IntraState	30/11/2022	17:56	01/12/2022	23:46	HT	for load management
SAHARA-URSE	IntraState	01/12/2022	08:24	01/12/2022	17:28	HT	For Load Management
RANJANGAON-LONIKAND	IntraState	01/12/2022	08:33	01/12/2022	09:38	HT	For Load Management
PARGAON(KATHAPUR)-LONIKAND	IntraState	01/12/2022	08:45	01/12/2022	18:06	HT	For Load Management
RANJANGAON - U TECH SUGAR CKT	IntraState	01/12/2022	09:35	01/12/2022	12:20	T	Tripped on Dist Protection
NEW KOYNA - POPHALI	IntraState	01/12/2022	09:35	01/12/2022	18:50	PO	For Cold washing of line insulator strings.
MAHAPE - RELIANCE GIS	IntraState	01/12/2022	21:21	02/12/2022	00:26	EO	To attend in emergency the visible Red Hot spot on Line R-ph Wavetrap to Jumper palm nutbolt.
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 01/Dec/2022

Statement-VII

Position as on 6.30 Hrs of 02/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.
KHARGHAR - SONKHAR	IntraState	01/12/2022	23:31	02/12/2022	03:27	EO	To attend broken conductor strands of Y phase conductor between Loc. No. 9-10
KHARGHAR - NERUL	IntraState	01/12/2022	23:57	02/12/2022	03:52	EO	H/T required from both ends for safety purpose during fixing of broken strands of 220KV Kharghar-Sonkhar line as both are on same M/C tower.
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 Noise from ICT
220/100 KV 200 MVA ICT 2 @ PAL- DOMBIVALI	IntraState	01/12/2022	09:14	01/12/2022	17:26	PO	Carrying out SFRA test, excitation, winding tan delta, PI etc Bay RM work.
220/132KV 100MVA ICT 1 @ CHAKAN PHASE II	IntraState	01/12/2022	10:34	01/12/2022	17:01	PO	Yearly maintenance and Diagnostic testing work.

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