

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Dec/2022 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	155.862	457.850	1) Gujrat	-6.271	-17.800
2) Hydro	12.103	30.158	2) Madhya Pradesh	-1.557	-2.748
3) Gas	5.605	16.795	3) Chattisgarh	4.620	14.490
Total MSPGCL	173.570	504.803	4) Maharashtra	160.768	486.105
B) 1) APML	74.943	217.526	5) Goa (Amona)	-1.127	-3.804
2) JSWEL	13.508	32.624	Total	156.433	476.243
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.654	80.168
4) RPL(AMT)	31.182	93.492	b) Mumbai Drawl	31.750	99.581
5) SWPGPL	7.981	23.946	c) MSEDCL Bilateral *	57.554	167.898
6) Other IPP	45.896	128.925	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.654	80.168
C) 1) TPCL Thermal	9.792	29.040	Include PX	0.000	0.000
2) TPCL Hydro	2.993	10.697	Standby	0.000	0.000
3) TPCL Gas	1.693	5.062	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.836	28.962	1) MSEDCL	476.456	1400.654
D) STATE			2) Mumbai Discoms	56.064	173.342
1) Thermal	349.000	1012.365	3) Other Discoms	9.415	28.462
(A1+C1+C4+(B1-B6))			TOTAL STATE	541.935	1602.458
2) Hydro (A2+C2)	15.096	40.855			
3) Gas (A3+B7+C3)	7.298	21.857			
4) Wind	4.039	18.072			
6) SOLAR	10.069	33.066			
TOTAL STATE	385.502	1126.215			

* 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	6630	6792	6928	5827
MSPGCL Hydro	964	583	961	139
MSPGCL Gas	229	228	226	240
MSPGCL Total Generation	7823	7603	8115	6206
Central Sector Receipt	8260	7865	6522	5335
WIND	167	116	209	114
CPP / IPP Thermal	7239	7259	7317	6937
CPP / IPP Gas	0	0	0	0
SOLAR	1646	1495	0	0
Exchange with Mumbai	-1673	-1622	-1422	-1148
MSEDCL DEMAND MET	23073	22320	20293	17091
Load Shedding	0	0	0	0
MSEDCL DEMAND	23073	22320	20293	17091
TPCL GENERATION	619	623	818	515
AEML GENERATION	499	500	464	347
MUMBAI DEMAND	2791	2745	2704	2010
OTHER DISCOM DEMAND	389	396	448	353
STATE DEMAND MET	26253	25461	23445	19454
STATE DEMAND	26253	25461	23445	19454
Frequency (Hz)	49.96	50.01	50.04	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.22 Hz at 13:01 Hrs	49.75 Hz at 09:37 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 03/Dec/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	5.08	15.23	215	210
Unit 7	0.00	0.00	0	0
Unit 8	12.81	38.85	590	492
Unit 9	13.53	41.24	608	533
Unit 10	12.89	38.72	600	420
Total	44.31	134.04		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.60	27.37	460	275
Unit 5	10.16	29.12	495	280
Total	19.76	56.48		
Parli				
Unit 6	4.28	12.46	228	142
Unit 7	4.20	12.34	230	144
Unit 8	3.60	9.92	168	124
Total	12.08	34.72		
Chandrapur				
Unit 3	3.31	10.11	170	122
Unit 4	3.20	9.60	165	115
Unit 5	6.92	20.77	305	275
Unit 6	6.71	20.08	292	260
Unit 7	0.00	0.00	0	0
Unit 8	9.09	26.68	448	280
Unit 9	9.99	29.63	500	299
Total	39.23	116.88		
Paras				
Unit 3	5.11	15.52	228	206
Unit 4	5.23	15.45	226	209
Total	10.34	30.97		
Khaparkheda				
Unit 1	2.70	7.88	130	100
Unit 2	3.06	8.34	140	115
Unit 3	3.75	10.55	182	128
Unit 4	3.37	10.00	162	122
Unit 5	10.83	29.89	480	420
Total	23.72	66.66		
Nasik				
Unit 3	3.26	10.09	172	115
Unit 4	3.16	8.01	156	116
Unit 5	0.00	0.00	0	0
Total	6.42	18.10		
Uran				
All Units	5.60	16.80	243	224
Total	5.60	16.80		
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)	0.09	0.46	47	0
Total	0.09	0.46		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.88	7.31	360	35
Stage 4	3.90	8.78	694	0
Stage 3	1.44	3.51	240	0
Total	8.22	19.60		
Hydro				
KDPH	0.43	1.30	18	18
VTRNA	0.00	0.00	0	0
TILLARI	0.52	1.57	58	0
BHIRA T.R.	0.16	0.50	40	0
SMLHY_PTN	2.19	5.80	98	86
GHATGHAR	0.49	0.94	125	0
Total	3.79	10.10		
Wind				
Total	4.04	18.07	0	0
Total	4.04	18.07		
CPP				
APML(Mus)	74.94	217.53	0	0
JSWEL(Mus)	13.51	32.62	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.18	93.49	0	0
SWPGPL-Mus	7.98	23.95	0	0
Other(Mus)	45.90	128.92	0	0
Total	173.51	496.51		
SOLAR				
Total	10.07	33.07	0	0
Total	10.07	33.07		
Tata				
Trombay 5	6.34	18.72	341	252
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.90	2.70	41	36
Trombay 7B	0.79	2.36	34	32
TATA Hydro	2.99	10.70	344	17
Trombay 8	3.45	10.32	175	130
Total	14.48	44.80		
AEMIL				
DTPS U-1&2	9.84	28.96	500	319
Total	9.84	28.96		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	155.86	457.85	MSPGCL Total	173.57	504.80
			MSPGCL Thml+Gas	161.47	474.64	Koyna 1,2 & 4 Total	6.78	16.09
			MSPGCL Hydro	12.10	30.16	State Total	385.50	1126.22

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/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	5827	139	240	6206	114	6937	0	0	5588	5335	-1148	17091	0	17091	2010	353	19454	49.99
2	5760	140	241	6141	133	6967	0	0	5530	5639	-1045	17508	0	17508	1879	327	19714	50.00
3	5889	139	240	6268	118	7176	0	0	5547	5227	-955	17533	0	17533	1781	301	19615	50.02
4	5738	139	241	6118	112	7116	0	0	5730	5590	-934	17701	0	17701	1734	301	19736	50.03
5	6061	140	240	6441	155	7199	0	0	5577	5754	-913	18312	0	18312	1715	324	20351	50.01
6	6753	144	240	7137	143	7279	0	0	5884	6187	-992	19400	0	19400	1813	354	21567	49.99
7	6959	530	243	7732	238	7345	0	5	6419	6257	-1071	20144	0	20144	1922	362	22428	49.97
8	6932	1095	240	8267	222	7304	0	190	6199	6331	-1150	20773	0	20773	2034	391	23198	50.03
9	7037	440	239	7716	232	7267	0	611	6795	6834	-1293	20944	0	20944	2278	423	23645	49.98
10	6744	650	237	7631	263	7259	0	1099	7225	7213	-1413	21639	0	21639	2539	413	24591	49.91
11	6548	960	236	7744	220	7236	0	1416	7721	8067	-1621	22654	0	22654	2742	408	25804	49.98
12	6630	964	229	7823	167	7239	0	1646	7669	8260	-1673	23073	0	23073	2791	389	26253	49.96
13	6792	583	228	7603	116	7259	0	1495	7483	7865	-1622	22320	0	22320	2745	396	25461	50.01
14	6741	479	225	7445	86	7250	0	1424	7271	7355	-1525	21628	0	21628	2642	407	24677	50.06
15	6778	627	224	7629	76	7288	0	1072	7374	7392	-1532	21509	0	21509	2673	416	24598	49.98
16	6881	801	225	7907	63	7320	0	744	7775	7989	-1733	21865	0	21865	2687	425	24977	49.99
17	6931	847	225	8003	110	7344	0	296	7113	7046	-1596	20763	0	20763	2672	440	23875	49.99
18	6939	1065	226	8230	83	7321	0	71	6482	6713	-1416	20567	0	20567	2655	435	23657	50.01
19	6928	961	226	8115	209	7317	0	0	6425	6522	-1422	20293	0	20293	2704	448	23445	50.04
20	6832	569	229	7630	241	7295	0	0	6298	6264	-1334	19667	0	19667	2628	429	22724	49.98
21	6360	219	227	6806	280	7250	0	0	5928	5689	-1404	18194	0	18194	2521	427	21142	49.92
22	5932	151	232	6315	225	7192	0	0	5782	5848	-1414	17743	0	17743	2405	423	20571	49.98
23	5903	171	235	6309	211	7100	0	0	5790	5676	-1414	17459	0	17459	2287	423	20169	49.95
24	5967	151	237	6355	222	7250	0	0	5803	5379	-1130	17674	0	17674	2207	402	20283	50.00
MUs	155.86	12.10	5.60	173.57	4.04	173.51	0.00	10.07	155.41	156.43	-31.75	476.46	0.00	476.46	56.06	9.41	541.93	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 03/Dec/2022

Position as on 6.30 Hrs of 04/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)	05/12/2022
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	03/12/2022	11:32	due to no schedule.	
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)	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Dec/2022

Statement-VII

Position as on 6.30 Hrs of 04/Dec/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV TIEBAY Outages/Trippings							
TIE BAY (412) OF KARJAT CKT - 1 @ LONIKAND 2	IntraState	04/12/2022	09:38	04/12/2022	15:17	PO	Diagnostic testing and Maintenance
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							
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
KHADKA-AURANGABAD (WALUJ)	IntraState	02/12/2022	20:17	03/12/2022	05:52	HT	H/T on Overvoltage
KHADKA - BABLESHWAR	IntraState	03/12/2022	06:13	03/12/2022	18:17		for opportunity bay maintenance work
LONIKAND - JEJURI CKT - 2	IntraState	03/12/2022	13:53	03/12/2022	19:28	HT	HT for Load Management
KHADKA-AURANGABAD (WALUJ)	IntraState	03/12/2022	21:48	04/12/2022	07:08	HT	Line loading control
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.
PADGHE - KALWA CKT - 2	IntraState	03/12/2022	23:54	04/12/2022	07:15	PO	For Tapping of 400KV PADGHE - KALWA CKT - 2 line on 400KV Kharghar-Talegaon Line to form Temporary 400KV Kalwa-Kharghar-Talegaon line for carrying out HTLS work on 400KV Kalwa-Padgha-2 line (dead portion after tapping)
JEJURI- KOYNA STAGE-IV	IntraState	04/12/2022	11:35	04/12/2022	18:28	PO	PID Faulty disc insulator replacement work & Cold & Chemical line 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 500MVA ICT - 3 @ BABHALESHWAR	IntraState	03/12/2022	16:08	04/12/2022	05:02	PO	Renovation of cooling system and replacement of Auxiliary protection and oil filtration and chemical washing of equipment Bay maintenance and diagnostic work
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
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.
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.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Dec/2022

Statement-VII

Position as on 6.30 Hrs of 04/Dec/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
KARAD -MUDSHINGI CKT 2-TAK	IntraState	03/12/2022	05:22	03/12/2022	05:46	T	TRIPPED AT KARAD END ONLY. AR SUCCESSFUL AT MUDSHINGI END
COLOURCHEM - TEMGHAR	IntraState	03/12/2022	08:15	03/12/2022	15:55	PO	Diagnostic testing work including CT Tandelta ,CB timing ,CRM 2) 220KV Bus isolator maintenance with the help of Hotline unit kalwa 3) Routine maintenance work .
ADLABS - PEDAMBE	IntraState	03/12/2022	10:40	03/12/2022	13:27	PO	Attending Y phase line side isolator to CT conductor strand broken, replacement of conductor.
PEDAMBE-KALAMBANI(TSS)	IntraState	03/12/2022	12:44	03/12/2022	14:03	T	TRIPPED ON DISTANCE PROTECTION
BIDRI - SAWANTWADI	IntraState	04/12/2022	05:14	04/12/2022	05:35	T	Tripped on Distance protection
PADGHE - JAMBHUL 1	IntraState	04/12/2022	08:32	04/12/2022	10:26	PO	Work of Shifting / Height raising of various EHV (220KV) transmission lines infringing in Samruddhi Highway crossing Stringing - 4 Spans Removal of Tower - 1Nos OPGW shifting - 2 Spans
CHINCHWAD-2 - TELCO	IntraState	04/12/2022	09:26	04/12/2022	16:19	PO	1) Stringing of top 4 conductors on 220 kV Chinchwad-Telco Line, Monopole towers- 19-20 on dtd: 02.12.2022. 2) Stringing of top 4 conductors on 220 kV Chinchwad- Telco Line, Monopole towers- 16A-17 on dtd: 03.12.2022. 3)Stringing of top 4 conductors on 220 kV Chinchwad- Telco Line, Monopole towers- 18-19 on dtd:04.12.2022
KALWA SALSETTE - 4	IntraState	04/12/2022	14:14	04/12/2022	16:24	EO	Attending Hot spot at GIS bushing terminal jumper Bph at Salsette R/S
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	04/12/2022	15:58	04/12/2022	18:49	T	Distance Protection
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
220/110 KV 155MVA ICT-1@ BHIRA (T)-220 KV	IntraState	03/12/2022	07:03	03/12/2022	19:00	PO	R/M and Testing
220/132 KV 200 MVA ICT 1 @ RAYMOND	IntraState	03/12/2022	09:00	03/12/2022	17:41	PO	Complete diagnostic testing of ICT -1 and Bay maint. work, LA counter support structure replacement work
220/100 KV 200 MVA ICT 2 @ PAL-DOMBIVALI	IntraState	03/12/2022	09:41	03/12/2022	18:28	PO	Replacement of 220kV Bushings of R & Y Phase. OLTC O/H Work.
220/132 KV 200 MVA ICT 2 @ SATANA	IntraState	03/12/2022	15:22	03/12/2022	17:18	PO	Replacement of High Value LCM of Y phase HV side LA.
220/100 KV 100 MVA ICT 1 @ JAMBHUL	IntraState	04/12/2022	08:42	04/12/2022	17:36	PO	1) 220kV Padghe Line & 220kV Bus Sectionalizer Bay Isolators Gear Box Replacement & Isolators Maintenance works. 2) Diagnostic Testing of 220kV Padghe Bay & 220kV Bus Sectionalizer Bay 3) Attending hotspot on 220 kV Bus Section-1

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