

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Dec/2022 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	147.638	756.589	1) Gujrat	-3.605	-26.776
2) Hydro	12.622	49.700	2) Madhya Pradesh	0.143	-3.184
3) Gas	5.577	27.960	3) Chattisgarh	4.400	22.800
Total MSPGCL	165.837	834.249	4) Maharashtra	166.104	813.430
B) 1) APLM	74.328	364.505	5) Goa (Amona)	-1.714	-6.580
2) JSWEL	13.636	59.926	Total	165.328	799.690
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.615	135.545
4) RPL(AMT)	28.244	152.855	b) Mumbai Drawl	34.015	159.923
5) SWPGPL	7.489	38.888	c) MSEDCL Bilateral *	64.413	289.618
6) Other IPP	46.791	221.746	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.615	135.545
C) 1) TPCL Thermal	11.830	53.640	Include PX	0.000	0.000
2) TPCL Hydro	4.080	16.790	Standby	0.000	0.000
3) TPCL Gas	1.679	8.451	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.875	49.732	1) MSEDCL	476.240	2347.990
D) STATE			2) Mumbai Discoms	61.479	288.535
1) Thermal	339.831	1697.881	3) Other Discoms	9.378	46.997
(A1+C1+C4+(B1-B6))			TOTAL STATE	547.097	2683.522
2) Hydro (A2+C2)	16.702	66.490			
3) Gas (A3+B7+C3)	7.256	36.411			
4) Wind	8.274	30.919			
6) SOLAR	9.706	52.132			
TOTAL STATE	381.769	1883.833			

* 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 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 1 Hrs
MSPGCL Thermal	6530	6355	6335	5510
MSPGCL Hydro	933	281	1151	153
MSPGCL Gas	233	226	226	238
MSPGCL Total Generation	7696	6862	7712	5901
Central Sector Receipt	8364	8556	6629	5601
WIND	182	88	371	299
CPP / IPP Thermal	7327	7012	7392	7030
CPP / IPP Gas	0	0	0	0
SOLAR	1375	1519	0	0
Exchange with Mumbai	-1817	-1768	-1426	-1252
MSEDCL DEMAND MET	22704	21848	20244	17233
Load Shedding	0	0	0	0
MSEDCL DEMAND	22704	21848	20244	17233
TPCL GENERATION	778	832	1041	557
AEML GENERATION	498	501	491	293
MUMBAI DEMAND	3093	3101	2958	2102
OTHER DISCOM DEMAND	423	421	434	347
STATE DEMAND MET	26220	25370	23636	19681
STATE DEMAND	26220	25370	23636	19681
Frequency (Hz)	50.02	49.98	50.12	50.09

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.28 Hz at 19.58 Hrs	49.79 Hz at 06.53 Hrs	50.02	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 05/Dec/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	5.00	25.30	215	195
Unit 7	0.00	0.00	0	0
Unit 8	12.95	65.08	596	471
Unit 9	13.20	67.32	570	516
Unit 10	13.83	66.54	628	520
Total	44.98	224.23		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.90	46.94	470	280
Unit 5	10.08	48.82	470	275
Total	19.98	95.76		
Parli				
Unit 6	4.52	21.08	235	152
Unit 7	4.52	20.93	248	140
Unit 8	3.83	17.47	176	145
Total	12.87	59.48		
Chandrapur				
Unit 3	3.68	17.34	172	125
Unit 4	3.24	16.21	160	122
Unit 5	6.82	34.61	305	261
Unit 6	6.36	33.07	291	240
Unit 7	0.00	0.00	0	0
Unit 8	0.00	31.83	0	0
Unit 9	9.94	49.62	498	305
Total	30.05	182.67		
Paras				
Unit 3	5.00	25.58	224	163
Unit 4	5.32	25.99	231	207
Total	10.31	51.58		
Khaparkheda				
Unit 1	2.68	13.45	125	85
Unit 2	2.64	13.78	130	85
Unit 3	3.82	18.12	184	127
Unit 4	3.54	16.59	165	125
Unit 5	9.95	49.69	441	345
Total	22.64	111.64		
Nasik				
Unit 3	3.42	16.74	173	114
Unit 4	3.38	14.49	161	119
Unit 5	0.00	0.00	0	0
Total	6.80	31.23		
Uran				
All Units	5.58	27.96	243	221
Total	5.58	27.96		
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)	0.05	0.54	20	0
Total	0.05	0.54		
Koyana				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.12	13.02	490	35
Stage 4	3.26	12.25	692	0
Stage 3	1.60	5.62	240	0
Total	7.98	30.89		
Hydro				
KDPH	0.43	2.16	18	18
VTRNA	0.00	0.00	0	0
TILLARI	0.52	2.61	59	0
BHIRA T.R.	0.18	0.82	40	0
SMLHY_PTN	2.39	10.52	101	98
GHATGHAR	1.07	2.16	125	0
Total	4.59	18.27		
Wind				
Total	8.27	30.92	0	0
Total	8.27	30.92		
CPP				
APML(Mus)	74.33	364.50	0	0
JSWEL(Mus)	13.64	59.93	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	28.24	152.86	0	0
SWPGPL-Mus	7.49	38.89	0	0
Other(Mus)	46.79	221.75	0	0
Total	170.49	837.92		
SOLAR				
Total	9.71	52.13	0	0
Total	9.71	52.13		
Tata				
Trombay 5	8.03	35.58	462	266
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.89	4.50	41	36
Trombay 7B	0.79	3.96	35	32
TATA Hydro	4.08	16.79	324	13
Trombay 8	3.80	18.06	219	131
Total	17.59	78.88		
AEML				
DTPS U-1&2	9.88	49.73	502	293
Total	9.88	49.73		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	147.64	756.59	MSPGCL Total	165.84	834.25
			MSPGCL Thml+Gas	153.22	784.55	Koyna 1,2 & 4 Total	6.38	25.27
			MSPGCL Hydro	12.62	49.70	State Total	381.77	1883.83

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 05/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	5510	153	238	5901	299	7030	0	0	5806	5601	-1252	17233	0	17233	2102	347	19681	50.09
2	5355	152	240	5747	312	6896	0	0	6017	6037	-1111	17561	0	17561	1963	320	19844	49.98
3	5534	153	241	5928	346	6844	0	0	5976	5772	-1067	17519	0	17519	1873	304	19696	50.03
4	5553	152	242	5947	404	6957	0	0	5947	5850	-1030	17838	0	17838	1814	290	19942	50.00
5	5724	157	243	6124	449	7150	0	0	6036	6149	-1019	18544	0	18544	1804	309	20657	49.98
6	6121	152	243	6516	514	7304	0	1	6380	6693	-1132	19549	0	19549	1935	347	21831	50.05
7	6425	227	242	6894	584	7338	0	12	6892	6800	-1181	20057	0	20057	2106	390	22553	49.97
8	6495	906	240	7641	595	7339	0	201	6829	7085	-1189	21261	0	21261	2294	411	23966	49.98
9	6520	484	239	7243	397	7322	0	568	7113	7420	-1238	21290	0	21290	2590	423	24302	50.01
10	6492	713	235	7440	273	7322	0	1000	7493	7894	-1544	21969	0	21969	2878	416	25263	50.01
11	6530	933	233	7696	182	7327	0	1375	8396	8364	-1817	22704	0	22704	3093	423	26220	50.02
12	6421	478	230	7129	107	7199	0	1554	8776	8703	-1806	22461	0	22461	3141	425	26027	50.03
13	6355	281	226	6862	88	7012	0	1519	8766	8556	-1768	21848	0	21848	3101	421	25370	49.98
14	6317	210	223	6750	87	6899	0	1332	8473	8366	-1685	21341	0	21341	3006	408	24755	50.00
15	6481	883	223	7587	107	6897	0	1089	8280	8298	-1672	21899	0	21899	3032	407	25338	49.95
16	6385	1217	221	7823	165	6908	0	703	8153	8068	-1631	21622	0	21622	3053	414	25089	50.01
17	6390	1435	222	8047	227	7032	0	315	7424	7445	-1543	21089	0	21089	3017	434	24540	50.01
18	6383	1381	224	7988	308	7328	0	37	6399	6546	-1471	20308	0	20308	2957	428	23693	50.08
19	6335	1151	226	7712	371	7392	0	0	6391	6629	-1426	20244	0	20244	2958	434	23636	50.12
20	6337	663	226	7226	377	7162	0	0	6602	6177	-1329	19192	0	19192	2824	421	22437	50.10
21	6166	275	227	6668	385	6993	0	0	6160	6109	-1566	18172	0	18172	2655	416	21244	50.12
22	6168	163	228	6559	464	6914	0	0	5896	5695	-1570	17654	0	17654	2521	408	20583	50.06
23	6013	152	230	6395	590	6960	0	0	5906	5651	-1517	17677	0	17677	2426	403	20505	50.00
24	5628	151	235	6014	643	6962	0	0	5929	5420	-1451	17209	0	17209	2336	379	19924	50.00
MUs	147.64	12.62	5.58	165.84	8.27	170.49	0.00	9.71	166.04	165.33	-34.01	476.24	0.00	476.24	61.48	9.38	547.10	50.02

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 05/Dec/2022

Position as on 6.30 Hrs of 06/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)	
IPP	RPL(AMT) U-3	270	05/12/2022	12:00		Continued.	Coal Shortage	08/12/2022

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 05/Dec/2022

Statement-VII

Position as on 6.30 Hrs of 06/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 (405) OF ICT-2 & FUTURE CKT - 2 @ KORADI 3	IntraState	06/12/2022	09:10			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
MAIN BAY - 406 OF FUTURE BAY @ AKOLA 2	IntraState	05/12/2022	10:14	05/12/2022	18:39	PO	Annual Maintenance of Bay Equipment
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
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.
KARAD - TALANDGE CKT - 1	IntraState	05/12/2022	10:17	05/12/2022	17:00	PO	PID Faulty disc insulator replacement work & Cold line washing work
NAGOTHANE - DABHOL CKT - 1	IntraState	05/12/2022	12:31	05/12/2022	18:43	PO	Cold washing work
JAIGAD - KARAD CKT - 2	IntraState	05/12/2022	20:03			HT	H/T for Over Voltage
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.
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.
HINJEWADI 2 - HINJEWADI 3 CKT - 1	IntraState	05/12/2022	09:22	05/12/2022	15:58	PO	M 2 maintenance of GIS bay by M/s GE & Biannual relay testing work by Testing team
TALANDGE - ICHALKARANJI 1	IntraState	05/12/2022	09:41	05/12/2022	18:21	PO	1) For cleaning of insulator strings by using high voltage insulator cleaner & protector (Chemical Cleaning) at Multi-circuit Tower Locations 40 to 44 2) Replacement of insulator strings found critical in P.I.D

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Dec/2022

Statement-VII

Position as on 6.30 Hrs of 06/Dec/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
TALANDGE - ICHALKARANJI 2	IntraState	05/12/2022	09:42	05/12/2022	18:21	PO	1) For cleaning of insulator strings by using high voltage insulator cleaner & protector (Chemical Cleaning) at Multi-circuit Tower Locations 40 to 44 2) Replacement of insulator strings found critical in P.I.D
MAIN BUS @ TILWANI	IntraState	05/12/2022	09:43	05/12/2022	18:20	PO	1) Quarterly maintenance of 220 kV PT and all 220 KV Main Bus isolators of all line & T/F bays. 2) Hot spot attending work 3) Insulator string replacement work
CHINCHWAD-2 - TELCO	IntraState	05/12/2022	10:55	05/12/2022	14:18	PO	Stringing of top 4 conductors on 220 KV Chinchwad-Telco Line, Monopole towers- 19-20
EKLAHARE (OCR) - NAVASARI CKT - 2	IntraState	05/12/2022	13:37	05/12/2022	15:49	T	At 220kV OCR EKLAHARE S/STN, 220kV Busbar Trip relay (Only 96 of all 220kV Busbar feeders) operated.
EKLAHARE (OCR) - NAVASARI CKT - 1	IntraState	05/12/2022	13:37	05/12/2022	15:13	T	At 220kV OCR EKLAHARE S/STN, 220kV Busbar Trip relay (Only 96 of all 220kV Busbar feeders) operated.
HALKARNI-MAHALAXMI LINE	IntraState	05/12/2022	17:04	05/12/2022	19:40	PO	Protection Relay Testing and Diagnostic Testing work.
EKLAHARE (OCR) - PADGHE	IntraState	06/12/2022	09:19			HT	to control overloading
EKLAHARE (OCR) - PADGHE	IntraState	06/12/2022	09:19			HT	to control overloading
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
220/22 KV 50 MVA PTR 2 @ LONIKAND	IntraState	05/12/2022	09:43	05/12/2022	17:43	PO	220/22kV, 50MVA PTR No-2, 29A Bus Isolator alignment work by shifting PTR No.2 on 220kV T.B.C. bay.
132 KV LINE Outages/Trippings							
EKL(OCR) -TAKALI	IntraState	05/12/2022	13:42	05/12/2022	14:23	T	At 220kV OCR EKLAHARE S/STN, 220kV Busbar Trip relay (Only 96 of all 220kV Busbar feeders) operated.
EKL(GCR)-SINNAR	IntraState	05/12/2022	13:42	05/12/2022	14:34	HT	At 220kV OCR EKLAHARE S/STN, 220kV Busbar Trip relay (Only 96 of all 220kV Busbar feeders) operated.
132 KV ICT Outages/Trippings							
132/33 KV 50 MVA PTR 1	IntraState	05/12/2022	13:42	05/12/2022	14:15	T	At 220kV OCR EKLAHARE S/STN, 220kV Busbar Trip relay (Only 96 of all 220kV Busbar feeders) operated.
132/33 KV 50 MVA PTR 3	IntraState	05/12/2022	13:42	05/12/2022	14:16	T	At 220kV OCR EKLAHARE S/STN, 220kV Busbar Trip relay (Only 96 of all 220kV Busbar feeders) operated.
132/33 KV 50 MVA PTR 2	IntraState	05/12/2022	13:42	05/12/2022	14:16	T	At 220kV OCR EKLAHARE S/STN, 220kV Busbar Trip relay (Only 96 of all 220kV Busbar feeders) operated.

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