

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Oct/2022 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.747	503.570	1) Gujrat	9.866	37.876
2) Hydro	8.483	30.371	2) Madhya Pradesh	7.245	18.613
3) Gas	2.107	8.408	3) Chattisgarh	6.250	19.460
Total MSPGCL	137.337	542.349	4) Maharashtra	194.124	690.724
B) 1) APLM	39.831	190.218	5) Goa (Amona)	-1.385	-5.040
2) JSWEL	19.360	72.240	Total	216.100	761.633
3) VIPL	0.000	0.000	a) Mumbai Schedule	36.242	133.400
4) RPL(AMT)	21.843	95.402	b) Mumbai Drawl	39.634	142.964
5) SWPGPL	6.964	29.996	c) MSEDCL Bilateral *	69.201	288.838
6) Other IPP	8.421	25.163	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	36.242	133.394
C) 1) TPCL Thermal	10.359	43.447	Include PX	0.000	0.000
2) TPCL Hydro	3.990	13.288	Standby	0.000	0.007
3) TPCL Gas	1.922	8.896	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.176	36.719	1) MSEDCL	427.510	1648.180
D) STATE			2) Mumbai Discoms	65.081	245.290
1) Thermal	242.701	996.755	3) Other Discoms	9.447	37.405
(A1+C1+C4+(B1-B6))			TOTAL STATE	502.038	1930.875
2) Hydro (A2+C2)	12.473	43.659			
3) Gas (A3+B7+C3)	4.029	17.304			
4) Wind	15.360	63.130			
6) SOLAR	11.375	48.418			
TOTAL STATE	285.938	1169.266			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5081	5276	5468	5151
MSPGCL Hydro	184	259	1330	149
MSPGCL Gas	85	83	88	91
MSPGCL Total Generation	5350	5618	6886	5391
Central Sector Receipt	9964	9686	9121	7726
WIND	488	329	352	1039
CPP / IPP Thermal	4009	3567	4261	4086
CPP / IPP Gas	0	0	0	0
SOLAR	1541	1644	0	0
Exchange with Mumbai	-2062	-2107	-1674	-1202
MSEDCL DEMAND MET	18851	18326	18534	16717
Load Shedding	0	0	0	0
MSEDCL DEMAND	18851	18326	18534	16717
TPCL GENERATION	694	685	876	488
AEML GENERATION	467	480	408	310
MUMBAI DEMAND	3223	3272	2958	2000
OTHER DISCOM DEMAND	439	411	412	323
STATE DEMAND MET	22513	22009	21904	19040
STATE DEMAND	22513	22009	21904	19040
Frequency (Hz)	50.03	50.01	50.03	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.03 Hz at 20.00 Hrs	49.92 Hz at 10.00 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 04/Oct/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	10.94	41.89	501	400
Unit 9	0.00	20.55	0	0
Unit 10	10.41	41.00	450	420
Total	21.35	103.44		
Bhusawal				
Unit 3	0.00	7.20	0	0
Unit 4	9.04	33.13	400	315
Unit 5	9.17	35.58	450	295
Total	18.22	75.90		
Parli				
Unit 6	4.32	15.37	211	149
Unit 7	3.88	15.92	187	122
Unit 8	3.12	13.23	154	96
Total	11.31	44.53		
Chandrapur				
Unit 3	2.74	11.27	135	91
Unit 4	3.46	12.89	158	127
Unit 5	7.87	28.53	350	295
Unit 6	8.66	30.67	395	285
Unit 7	7.80	30.47	350	295
Unit 8	0.00	0.00	0	0
Unit 9	9.61	34.89	436	289
Total	40.15	148.73		
Paras				
Unit 3	5.08	19.53	222	195
Unit 4	0.00	0.00	0	0
Total	5.08	19.53		
Khaparkheda				
Unit 1	3.04	11.61	140	110
Unit 2	3.13	11.82	140	105
Unit 3	4.35	15.00	190	164
Unit 4	3.50	12.77	167	125
Unit 5	9.88	34.59	445	390
Total	23.90	85.80		
Nasik				
Unit 3	3.44	13.20	164	130
Unit 4	3.31	12.44	158	120
Unit 5	0.00	0.00	0	0
Total	6.75	25.64		
Uran				
All Units	2.11	8.41	93	82
Total	2.11	8.41		
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)	0.60	2.38	25	24
Total	0.60	2.38		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.50	8.60	350	35
Stage 4	2.06	5.91	790	0
Stage 3	0.96	3.44	240	0
Total	5.52	17.95		
Hydro				
KDPH	0.43	0.72	18	18
VTRNA	0.00	1.82	0	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.26	1.03	77	0
SMLHY_PTN	1.30	5.82	62	51
GHATGHAR	0.37	0.66	125	0
Total	2.37	10.05		
Wind				
Total	15.36	63.13	0	0
Total	15.36	63.13		
CPP				
APML(Mus)	39.83	190.22	0	0
JSWEL(Mus)	19.36	72.24	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	21.84	95.40	0	0
SWPGPL-Mus	6.96	30.00	0	0
Other(Mus)	8.42	25.16	0	0
Total	96.42	413.02		
SOLAR				
Total	11.38	48.42	0	0
Total	11.38	48.42		
Tata				
Trombay 5	6.84	29.23	369	264
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.01	4.85	51	35
Trombay 7B	0.91	4.04	44	34
TATA Hydro	3.99	13.29	393	6
Trombay 8	3.52	14.22	223	128
Total	16.27	65.63		
AEML				
DTPS U-1&2	9.18	36.72	492	285
Total	9.18	36.72		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.75	503.57	MSPGCL Total	137.34	542.35
			MSPGCL Thml+Gas	128.85	511.98	Koyna 1,2 & 4 Total	4.56	14.51
			MSPGCL Hydro	8.48	30.37	State Total	285.94	1169.27

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 04/Oct/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	5242	154	91	5487	827	4229	0	0	7685	7642	-1191	16623	0	16623	2423	371	19417	50.00
2	5229	135	92	5456	929	3997	0	0	7514	7669	-1129	16576	0	16576	2283	346	19205	50.01
3	5141	130	92	5363	1017	3966	0	0	7481	7737	-1125	16642	0	16642	2098	316	19056	49.99
4	5151	149	91	5391	1039	4086	0	0	7649	7726	-1202	16717	0	16717	2000	323	19040	49.98
5	5121	180	92	5393	1052	4414	0	0	7626	7846	-1172	17220	0	17220	1971	313	19504	50.01
6	5183	140	93	5416	1059	4497	0	0	8486	8585	-1193	18010	0	18010	2057	354	20421	50.01
7	5286	364	93	5743	882	4442	0	64	9171	9518	-1234	19022	0	19022	2221	393	21636	50.02
8	5361	150	92	5603	847	4477	0	385	9547	9480	-1504	18893	0	18893	2383	395	21671	50.03
9	5252	295	90	5637	696	4198	0	924	9094	9275	-1774	18536	0	18536	2690	420	21646	49.98
10	5094	374	87	5555	618	3954	0	1303	9399	9519	-1859	18672	0	18672	2958	418	22048	49.92
11	5081	184	85	5350	488	4009	0	1541	9894	9964	-2062	18851	0	18851	3223	439	22513	50.03
12	5198	155	85	5438	391	3939	0	1688	9867	9776	-2104	18700	0	18700	3288	428	22416	50.03
13	5276	259	83	5618	329	3567	0	1644	9572	9686	-2107	18326	0	18326	3272	411	22009	50.01
14	5370	417	82	5869	265	3371	0	1423	9829	10065	-2083	18492	0	18492	3090	418	22000	50.01
15	5368	243	82	5693	314	3417	0	1131	10531	10540	-2207	18476	0	18476	3084	412	21972	49.98
16	5281	150	85	5516	536	3498	0	762	10976	10588	-2290	18198	0	18198	3187	412	21797	49.95
17	5291	136	83	5510	494	3630	0	390	10216	9959	-2121	17431	0	17431	3151	431	21013	49.98
18	5333	431	84	5848	364	3825	0	118	9592	9513	-1915	17330	0	17330	3047	423	20800	49.99
19	5411	1507	86	7004	316	4142	0	2	8992	8786	-1742	18091	0	18091	3020	417	21528	49.93
20	5468	1330	88	6886	352	4261	0	0	8962	9121	-1674	18534	0	18534	2958	412	21904	50.03
21	5451	878	88	6417	439	4184	0	0	8762	8564	-1594	17588	0	17588	2840	422	20850	50.00
22	5444	332	88	5864	543	4165	0	0	8440	8447	-1446	17170	0	17170	2714	403	20287	49.98
23	5403	238	88	5729	732	4130	0	0	7993	8207	-1482	16919	0	16919	2592	397	19908	49.99
24	5312	152	87	5551	831	4021	0	0	7959	7887	-1424	16493	0	16493	2531	373	19397	49.96
MUs	126.75	8.48	2.11	137.34	15.36	96.42	0.00	11.37	215.24	216.10	-39.63	427.51	0.00	427.51	65.08	9.45	502.04	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 04/Oct/2022

Position as on 6.30 Hrs of 05/Oct/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 Unit 9	80	15/06/2022	08:00		Continued.	Capital Overhaul	22/10/2022
MSPGCL	Koyna Unit 4	70	05/08/2022	17:20	04/10/2022	09:05	Generator winding differential protection	03/10/2022
MSPGCL	Chandrapur Unit 8	500	06/09/2022	00:52		Continued.	COH	10/10/2022
MSPGCL	Koradi Unit 6	210	14/09/2022	14:35		Continued.	Tripped on Furnace Pressure High(converted to Overhaul)	06/10/2022
MSPGCL	Paras Unit 4	250	21/09/2022	00:08		Continued.	Annual Overhaul	16/10/2022
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	22/10/2022
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	15/10/2022
MSPGCL	Uran Unit B0	120	27/08/2022	15:26		Continued.	Gas shortage	
IPP	SWPGPL U-3	135	28/08/2022	19:04		Continued.	Boiler SSC chain broken problem.	30/09/2022
MSPGCL	Uran Unit 8	108	01/09/2022	00:00	05/10/2022	12:11	Gas shortage	
MSPGCL	Uran Unit A0	120	07/09/2022	16:30		Continued.	TURBINE TRIPPED ON HIGH VIBRATIONS	
IPP	RPL(AMT) U-2	270	18/09/2022	13:44	04/10/2022	19:39	Bottom Ash Evacuation problem (Coal Shortage) w.e.f 1.10.2022.	
MSPGCL	Uran Unit 5	108	27/09/2022	17:11		Continued.	Gas shortage	
MSPGCL	Nasik Unit 5	210	29/09/2022	21:00		Continued.	Seal Trough Leakage(converted to Critical Coal Stock w.e.f.21.00 Hrs Dt.30-09-	
IPP	Adani U-5	660	01/10/2022	14:38	04/10/2022	15:13	APH-A hot PA below Leakage	04/10/2022
MSPGCL	Koradi Unit 9	660	03/10/2022	03:12		Continued.	Boiler Tube Leakage	08/10/2022
IPP	Adani U-2	660	03/10/2022	06:56		Continued.	Air heater problem	07/10/2022
MSPGCL	Bhusawal Unit 3	210	03/10/2022	17:51		Continued.	Boiler Tube Leakage	08/10/2022
IPP	SWPGPL U-2	135	04/10/2022	11:17		Continued.	Ash Conveyer problem	08/10/2022

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 04/Oct/2022

Position as on 6.30 Hrs of 05/Oct/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Adani U-4	660	04/10/2022	12:05		Continued.	due to APH-A hot PA bellow leakage.	
IPP	RPL(AMT) U-1	270	04/10/2022	12:42	05/10/2022	20:28	bottom ash problem	
IPP	RPL(AMT) U-4	270	04/10/2022	22:00		Continued.	CW tube leakage.	07/10/2022

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Oct/2022

Statement-VII

Position as on 6.30 Hrs of 05/Oct/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
MAIN BAY - 404 OF 765/400kV 1500MVA ICT @ AKOLA 2	IntraState	04/10/2022	09:26	04/10/2022	18:12	PO	Annual Maintenance of Bay Equipment
400 KV LINE Outages/Trippings							
AURANGABAD(MS) - AURANGABAD(PG) CKT -1	InterState	04/10/2022	10:58	04/10/2022	16:53	PO	For 403 Bay AMP at Waluj
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	27/09/2022	10:25			HT	for load management
PADGHE - KALWA CKT - 2	IntraState	03/10/2022	23:42	04/10/2022	05:11	EO	To attend Hot spot at Loc no. 96 B -Phase (113 deg C), Loc no. 127-Y-Phase (116 deg C), Loc no. 108 Y-Phase (88 deg C), B-Phase (65.8 deg C), Loc 115 R-Phase (88.5 deg C), Loc 118 B-Phase (79.3 deg C) & Loc no 119 Y-Phase (142 deg C)
DEEPNAGAR - AURANGABAD (WALUJ)	IntraState	04/10/2022	06:12	04/10/2022	18:03	PO	Replacement of Disc Insulator Strings by Long Rod Porcelain strings
GT-9 @ KORADI-2	IntraState	04/10/2022	09:02	04/10/2022	14:10	EO	"1) Tightning of jumper connection from 400kV Main Bus-II to isolator 414-89B at GT9 Tie Bay 414 by hot line method. 2) Routine Bay maintenance work."
PARLI - KUMBHARGAON (NANDED) CKT - 1	IntraState	04/10/2022	09:18	04/10/2022	19:01	PO	(1) Main-2 distance relay testing. (2) Bay maintenance work. (3) Hardware tightening & fitting
DEEPNAGAR - AURANGABAD (WALUJ)	IntraState	05/10/2022	06:33	05/10/2022	16:19	PO	Replacement of Disc Insulator Strings by Long Rod Porcelain strings
KHADKA-AURANGABAD (WALUJ)	IntraState	05/10/2022	17:30		Continued.	HT	To control overvoltage
JAIGAD - KARAD CKT - 2	IntraState	05/10/2022	18:15		Continued.	HT	To control overvoltage
400 KV ICT Outages/Trippings							
STATION TRANSFORMER - 8A @ CHANDRAPUR SWITCHING SS	IntraState	26/09/2022	11:32	04/10/2022	15:40		Oil filtration, Oil leakage attending, Electrical Testing and painting of Station Transformer -8A Station Transformer -8A Bus duct servicing, maintenance and below replacement
400/220/33KV SPARE ICT @ KORADI 2	IntraState	03/10/2022	15:02			EO	Attending oil leakage at CT (y ph) at spare ICT Bay 431
220 KV MAINBAY Outages/Trippings							
MAIN BUS SECTION-2 @ VSNL	IntraState	04/10/2022	13:15	04/10/2022	14:48	PO	Replacement damaged jumps from 220kV Bus B to Bus Isolator of 220kV Bus Section from Ionikand side bay
220 KV LINE Outages/Trippings							
BAPGAON - KALWA	IntraState	02/10/2022	14:31			PO	CB pole O/H work line will be in service through in TBC
MUDSHINGI - CHIKODI	IntraState	03/10/2022	11:50	04/10/2022	07:45	EO	To attend hot spots of 220kV Talandge- Mudshingi ckt-1 on multi circuit tower loc. no. M/C-11 (Y ph jump), & M/C-21(B ph jump).
HALKARNI-OLAM AGRO (HEMRUS) LINE	IntraState	04/10/2022	05:53	04/10/2022	07:15	T	Distance Protection

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Oct/2022

Statement-VII

Position as on 6.30 Hrs of 05/Oct/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
GHATGHAR - BAPGAON	IntraState	04/10/2022	08:05			PO	1.Stringing of 9nos. Of Span. 2.Erection of 3 nos. Of Monopole, 3. Bunching work at location no.329 to from 220kV AKP
EKLAHARE (GCR) - GHATGHAR	IntraState	04/10/2022	08:06			PO	Samrudhi Highway Monopole work, from Loc. No. 128 to Loc. No. 136 from loc.no. 129 to 135A erection, stringing of new conductor and Earth wire is done. Proposed work, 2 nos in line tower (128 and 136) Erection, stringing of new conductor and De-stringing of old conductor, also cutting and stringing of old conductor on new tower.
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	04/10/2022	08:10			PO	1.Stringing of 9nos. Of Span. 2.Erection of 3 nos. Of Monopole, 3.Bunching work at location no.329 to from 220kV AKP Bapgaon line.
BABLESHWAR- ALEPHATA CKT - 1	IntraState	04/10/2022	09:09	04/10/2022	09:16	PO	220 Kv Babhaleshwar Alephata Ckt for For replacement of faulty DISC insulators string as per PID report
KADEGAON-MIRAJ	IntraState	04/10/2022	09:40	04/10/2022	14:30	PO	Tower painting work
ADLABS - PEDAMBE	IntraState	04/10/2022	11:13	04/10/2022	18:03	PO	Attending of hotspot at Loc no. 495 (Bottom phase), Emergency tree cutting work
BABLESHWAR- ALEPHATA CKT - 1	IntraState	04/10/2022	12:42	04/10/2022	17:50	HT	Planned outage
BORIVALI - BOISAR II LINE	IntraState	04/10/2022	13:50	04/10/2022	19:34	EO	Attending Hot Spot on B-Ph Tension Hardware of Stub Bus
EKLAHARE (OCR) - PADGHE	IntraState	04/10/2022	14:17	04/10/2022	19:50	HT	To control overloading
220 KV KHAPARKHEDA 2 (NEW) - KANHAN CKT	IntraState	05/10/2022	05:13	05/10/2022	09:44	T	TRIPPED ON DISTANCE PROTECTION
TEMBHURNI - JEUR	IntraState	05/10/2022	10:55	05/10/2022	11:05	PO	Outage is required for Quarterly Maintenance
KARAD - NERLE	IntraState	05/10/2022	11:02	05/10/2022	13:54	PO	Replacement of flashover polymer insulator string at Loc no.84 Y Ph.
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
220/132KV 100MVA ICT -2 @ LONI DEOKAR	IntraState	04/10/2022	11:15	04/10/2022	14:15	PO	CTR OVERHAULING WORK
110 KV LINE Outages/Trippings							
DHARAVI POWAI	IntraState	30/08/2021	00:03			PO	Shifting of OPGW and stringing of conductor of 220 kV Trombay-Dharavi- Salsette line and replacement and shifting of conductor of Dharavi Powai and Dharavi Vikhroli line on new tower and dismantling old towers in section 32 to 38. 110 KV Vikhroli Powai line will be formed for dual feed to Vikhroli and Powai.
DHARAVI VIKHROLI	IntraState	30/08/2021	00:03			PO	Shifting of OPGW and stringing of conductor of 220 kV Trombay-Dharavi- Salsette line and replacement and shifting of conductor of Dharavi Powai and Dharavi Vikhroli line on new tower and dismantling old towers in section 32 to 38. 110 KV Vikhroli Powai line will be formed for dual feed to Vikhroli and Powai.

