

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Jun/2022 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	166.205	329.883	1) Gujrat	-4.638	-10.286
2) Hydro	9.855	24.076	2) Madhya Pradesh	5.001	8.951
3) Gas	3.137	6.270	3) Chattisgarh	2.320	4.700
Total MSPGCL	179.197	360.229	4) Maharashtra	172.582	356.969
B) 1) APML	74.188	143.529	5) Goa (Amona)	-1.066	-2.349
2) JSWEL	17.607	34.606	Total	174.199	357.985
3) VIPL	0.000	0.000	a) Mumbai Schedule	37.021	73.177
4) RPL(AMT)	25.635	46.211	b) Mumbai Drawl	41.054	82.187
5) SWPGPL	9.093	18.483	c) MSEDCL Bilateral *	77.089	155.984
6) Other IPP	16.295	32.139	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	37.005	73.125
C) 1) TPCL Thermal	14.850	29.864	Include PX	0.000	0.000
2) TPCL Hydro	4.596	9.644	Standby	0.017	0.052
3) TPCL Gas	0.980	0.980	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.446	23.026	1) MSEDCL	488.104	967.548
D) STATE			2) Mumbai Discoms	72.926	145.701
1) Thermal	335.319	657.741	3) Other Discoms	9.583	19.186
(A1+C1+C4+(B1-B6))			TOTAL STATE	570.613	1132.435
2) Hydro (A2+C2)	14.451	33.720			
3) Gas (A3+B7+C3)	4.117	7.250			
4) Wind	32.642	56.541			
6) SOLAR	9.885	19.198			
TOTAL STATE	396.414	774.450			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	6887	7178	7271	6552
MSPGCL Hydro	584	786	396	329
MSPGCL Gas	125	135	136	129
MSPGCL Total Generation	7596	8099	7803	7010
Central Sector Receipt	8225	8054	6234	7216
WIND	837	700	1856	1410
CPP / IPP Thermal	5899	6228	6159	5727
CPP / IPP Gas	0	0	0	0
SOLAR	1291	870	0	291
Exchange with Mumbai	-2180	-2145	-1467	-1667
MSEDCL DEMAND MET	21230	21380	20148	19616
Load Shedding	0	0	0	0
MSEDCL DEMAND	21230	21380	20148	19616
TPCL GENERATION	844	897	1138	446
AEML GENERATION	460	465	497	455
MUMBAI DEMAND	3484	3507	3102	2568
OTHER DISCOM DEMAND	438	426	437	371
STATE DEMAND MET	25152	25313	23687	22555
STATE DEMAND	25152	25313	23687	22555
Frequency (Hz)	50.04	49.79	49.96	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.15 Hz at 08.02 Hrs	49.51 Hz at 14.39 Hrs	49.97	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 02/Jun/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.42	8.50	190	175
Unit 7	0.00	0.00	0	0
Unit 8	13.50	26.67	590	537
Unit 9	12.59	25.64	570	502
Unit 10	12.54	25.42	554	471
Total	43.06	86.24		
Bhusawal				
Unit 3	3.61	7.12	170	125
Unit 4	10.48	21.11	460	390
Unit 5	5.65	5.65	445	0
Total	19.74	33.88		
Parli				
Unit 6	5.11	10.23	240	178
Unit 7	3.65	8.37	238	104
Unit 8	3.08	6.26	133	124
Total	11.84	24.87		
Chandrapur				
Unit 3	1.50	3.30	150	0
Unit 4	3.32	6.57	145	125
Unit 5	8.63	17.45	378	340
Unit 6	9.16	18.52	400	340
Unit 7	8.43	16.83	391	323
Unit 8	10.95	21.87	465	440
Unit 9	10.39	20.82	448	387
Total	52.39	105.37		
Paras				
Unit 3	5.05	10.33	229	181
Unit 4	3.03	5.57	216	0
Total	8.08	15.91		
Khaparkheda				
Unit 1	3.04	6.42	140	105
Unit 2	3.74	7.38	160	140
Unit 3	4.29	8.54	186	170
Unit 4	3.40	6.70	158	130
Unit 5	10.47	21.78	475	400
Total	24.94	50.82		
Nasik				
Unit 3	3.71	7.28	185	125
Unit 4	0.00	0.00	0	0
Unit 5	2.44	5.52	157	0
Total	6.15	12.80		
Uran				
All Units	3.14	6.27	138	125
Total	3.14	6.27		
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)	0.16	0.42	23	0
Total	0.16	0.42		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.79	6.10	490	40
Stage 4	0.60	2.76	245	0
Stage 3	0.71	2.78	160	0
Total	4.10	11.64		
Hydro				
KDPH	0.53	1.07	22	22
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.54	0	0
BHIRA T.R.	0.23	0.56	80	0
SMLHY_PTN	4.60	9.61	212	162
GHATGHAR	0.23	0.23	125	0
Total	5.59	12.01		
Wind				
Total	32.64	56.54	0	0
Total	32.64	56.54		
CPP				
APML(Mus)	74.19	143.53	0	0
JSWEL(Mus)	17.61	34.61	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.64	46.21	0	0
SWPGPL-Mus	9.09	18.48	0	0
Other(Mus)	16.30	32.14	0	0
Total	142.82	274.97		
SOLAR				
Total	9.88	19.20	0	0
Total	9.88	19.20		
Tata				
Trombay 5	9.70	19.40	458	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.98	0.98	113	0
Trombay 7B	0.00	0.00	0	0
TATA Hydro	4.60	9.64	391	0
Trombay 8	5.15	10.46	225	169
Total	20.43	40.49		
AEMIL				
DTPS U-1&2	11.45	23.03	501	409
Total	11.45	23.03		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	166.20	329.88	MSPGCL Total	179.20	360.23
			MSPGCL Thml+Gas	169.34	336.15	Koyna 1,2 & 4 Total	3.39	8.86
			MSPGCL Hydro	9.86	24.08	State Total	396.41	774.45

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 02/Jun/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	6758	274	136	7168	1696	6221	0	0	7081	6883	-1542	20071	0	20071	3073	355	23499	49.93
2	6704	272	126	7102	1509	6209	0	0	7057	7223	-1482	20225	0	20225	2874	336	23435	50.00
3	6624	369	136	7129	1438	6214	0	0	6717	6749	-1396	19823	0	19823	2687	311	22821	50.02
4	6605	269	128	7002	1402	5876	0	0	6994	7170	-1371	19769	0	19769	2555	310	22634	49.97
5	6588	265	128	6981	1592	5898	0	0	6969	7043	-1323	19865	0	19865	2473	326	22664	50.01
6	6654	299	138	7091	1752	5838	0	2	7172	7290	-1412	20219	0	20219	2480	342	23041	49.97
7	6739	443	128	7310	1775	5917	0	66	7173	6929	-1411	20220	0	20220	2466	366	23052	50.00
8	6552	329	129	7010	1410	5727	0	291	7002	7216	-1667	19616	0	19616	2568	371	22555	50.02
9	6665	433	136	7234	1138	5834	0	617	7366	7412	-1884	19936	0	19936	2845	415	23196	50.04
10	6725	604	126	7455	870	5839	0	882	7739	7605	-1989	20232	0	20232	3184	430	23846	49.92
11	6636	617	126	7379	770	5722	0	1173	8599	8506	-2216	20892	0	20892	3408	442	24742	49.91
12	6887	584	125	7596	837	5899	0	1291	8847	8225	-2180	21230	0	21230	3484	438	25152	50.04
13	6757	360	133	7250	813	5410	0	1302	9110	8957	-2232	21061	0	21061	3508	439	25008	50.02
14	7022	325	134	7481	717	5645	0	1330	8612	8349	-2168	20928	0	20928	3420	426	24774	50.00
15	7231	663	125	8019	687	5937	0	1201	8184	8063	-2188	21308	0	21308	3494	411	25213	49.77
16	7178	786	135	8099	700	6228	0	870	8204	8054	-2145	21380	0	21380	3507	426	25313	49.79
17	7198	536	125	7859	859	6223	0	586	7988	7788	-1988	20899	0	20899	3423	428	24750	49.95
18	7166	357	135	7658	1094	5945	0	242	7774	7187	-1794	19895	0	19895	3290	437	23622	49.97
19	7121	497	125	7743	1906	5641	0	32	6704	6554	-1542	19906	0	19906	3129	428	23463	50.03
20	7271	396	136	7803	1856	6159	0	0	6734	6234	-1467	20148	0	20148	3102	437	23687	49.96
21	7131	351	126	7608	2021	5967	0	0	6453	6314	-1431	20031	0	20031	3001	448	23480	50.00
22	7316	258	136	7710	2033	6134	0	0	5931	5809	-1353	19906	0	19906	2950	427	23283	49.98
23	7391	272	127	7790	2025	6139	0	0	6222	6071	-1390	20206	0	20206	2966	429	23601	49.93
24	7286	296	138	7720	1742	6196	0	0	6530	6568	-1483	20338	0	20338	3039	405	23782	49.96
MUs	166.20	9.86	3.14	179.20	32.64	142.82	0.00	9.89	177.16	174.20	-41.05	488.10	0.00	488.10	72.93	9.58	570.61	49.97

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 02/Jun/2022

Position as on 6.30 Hrs of 03/Jun/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	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	
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)	
IPP	JSW (J) U1	300	16/03/2022	23:16		Continued.	Turbine Vibration	15/06/2022
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	
MSPGCL	Uran Unit 8	108	13/05/2022	01:34		Continued.	excitation fault (unit out due to gas shortage from 02:30hrs of dt.13.05.2022)	
MSPGCL	Uran Unit B0	120	13/05/2022	01:34		Continued.	excitation fault (unit out due to gas shortage from 02:30hrs of dt.13.05.2022)	
MSPGCL	Uran Unit 6	108	29/05/2022	00:32		Continued.	Gas shortage	
TPC-G	Trombay 7B	60	29/05/2022	04:57		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	29/05/2022	05:26	02/06/2022	15:00	Gas shortage	
MSPGCL	Bhusawal Unit 5	500	30/05/2022	23:55	02/06/2022	08:19	Boiler Tube Leakage	03/06/2022
IPP	RPL(AMT) U-4	270	31/05/2022	01:15		Continued.	Ash Conveyer problem	04/06/2022
MSPGCL	Nasik Unit 4	210	31/05/2022	15:00		Continued.	ID Fan Problem	04/06/2022
MSPGCL	Chandrapur Unit 3	210	01/06/2022	13:54	02/06/2022	11:38	Withdrawn	
MSPGCL	Paras Unit 4	250	01/06/2022	14:32	02/06/2022	05:20	CLINKER FORMATION. Synchronised now	02/06/2022
MSPGCL	Nasik Unit 5	210	02/06/2022	03:30	02/06/2022	08:26	Loss of fuel	
TPC-G	Trombay 7A	120	03/06/2022	03:45	03/06/2022	06:09	Gas shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 02/Jun/2022

Statement-VII

Position as on 6.30 Hrs of 03/Jun/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Tripping							
KORADI III - AKOLA II Ckt - 1	IntraState	02/06/2022	17:32	02/06/2022	19:47	EO	In tower No. 446 (C+0) the Clevis Eye is open from yoke plate of Single V suspension pilot string
400 KV LINE Outages/Tripping							
KALWA - TALEGAON (PG)	InterState	03/06/2022	04:19			T	DP
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	30/05/2022	15:15			HT	H/T for Load Management ie. to avoid the dumping of power in 400 kV Kharghar and Kalwa Lines.
BABHALESHWAR - PADGHE CKT-1	IntraState	02/06/2022	01:56	02/06/2022	06:51	EO	A] HVDC TL O&M Sub-Division, Junnar:- 1. For Replacement of Flashover Y-phase Insulator String at Location No. 863. 2. Cleaning of dust contaminated insulator string from location no.862 to 865 in Naneghat Area.
JAIGAD - KARAD CKT - 2	IntraState	02/06/2022	08:58	02/06/2022	20:32	PO	Coldline washing work
NAGOTHANE - DABHOL CKT - 2	IntraState	02/06/2022	10:04	02/06/2022	20:02	PO	Lightning Arrestor replacement
KHARGHAR - TALEGAON (PG)	IntraState	03/06/2022	05:09			T	DP
400 KV ICT Outages/Tripping							
400/220KV 315MVA ICT - 3 @ CHAKAN	IntraState	02/06/2022	12:24	02/06/2022	19:59	PO	For Overhauling of Bus C 89 C Rph, Y ph, B ph Isolator and Routine Testing and Maintenance Work.
220 KV TBC Outages/Tripping							
TBC @ AAREY	IntraState	02/06/2022	13:35	02/06/2022	15:55	EO	Air Leakage is observed in the pipeline due to which Compressor is running continuously to maintain the pressure of CB operating mechanism. Outage required to attend the issue.
220 KV LINE Outages/Tripping							
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	cABLE FAULT
EKLAHARA(GCR)(NASIK)-BABLESHWAR 2	IntraState	27/04/2022	12:21			EO	Shifting of 220kv GCR-BBLR-2 line on 220kv TBC bay.
KALWA - COLOURCHEM	IntraState	01/06/2022	22:09	02/06/2022	06:00	PO	To carry out retrofitting of Relays at 220KV Colourchem & 400KV RS Kalwa.
TROMBAY DHARAVI - 6	IntraState	02/06/2022	03:48	02/06/2022	03:36	PO	For R/M of line and transfer bus GOD
TROMBAY MSETCL TIE - 2	IntraState	02/06/2022	03:53	02/06/2022	07:01	PO	Attending hotspot
APTA - TAMBATI	IntraState	02/06/2022	05:56	02/06/2022	09:25	PO	CT secondary rusted box repairing work by agency.
TROMBAY SALSETTE LINE-2	IntraState	02/06/2022	07:05	02/06/2022	08:01	PO	Emergency tree trimming work in span 51-52
TALOJA II - OCIL 1	IntraState	02/06/2022	07:56	02/06/2022	19:40	PO	Isolator maintenance & Cleaning of switchgear
GHODBUNDER - GORAI	IntraState	02/06/2022	08:20	02/06/2022	12:49	EO	To attend Hot spot observed on Yph LA Connection of Tower No. LS 303A.
BAPGAON - KALWA	IntraState	02/06/2022	09:14	02/06/2022	16:27	PO	Replacement of PID faulty insulator replacement work at Loc no. 402, 398
NANDED CITY-FLAGSHIP	IntraState	02/06/2022	09:20	02/06/2022	17:32	PO	1. Half yearly maintenance and CT painting work. 2. At location no 35 (CP), Disc insulator replacement work and hot spot attending work by LMSDn.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Jun/2022

Statement-VII

Position as on 6.30 Hrs of 03/Jun/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
PHALTAN MIDC - SWARAJ CO GEN	IntraState	02/06/2022	09:20	02/06/2022	14:10	PO	For tan delta testing work, Q.M and relay testing work at 220kV Phaltan MIDC S/s
NANDED CITY-FLAGSHIP	IntraState	02/06/2022	09:20	02/06/2022	17:32	PO	Half yearly maint. work and fixing of bird guard
KHADKI- CENTURY ENKA	IntraState	02/06/2022	10:17	02/06/2022	17:29	PO	Due to high Tan delta values of CT replacement work as per LE Scheme
MAHAD-KALAMBANI(TSS)	IntraState	02/06/2022	10:50	02/06/2022	19:15	PO	Outage tree cutting at various location and other line maintenance work.
LAMBOTI - KARKAMB	IntraState	02/06/2022	16:12	02/06/2022	21:43	PO	Outage is required for 1) For changing / replacement of faulty string at loc no. 19, 44, 45, 47, 52, 85, 86, 87, 88, 89, 90, 91, 92, 94, 96, 97, 99. 2) Disc cleaning work from loc 24 to 75 (Pandharpur - Karkamb section)
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.
220/22 KV 50 MVA PTR 1 @ KANDALGAON	IntraState	14/12/2021	16:55			EO	For dismantailing said 50MVA T/f 1 at 220 kV K'gaon S/s
220/132KV 100MVA ICT 1 @ SATARA MIDC	IntraState	25/05/2022	10:38			PO	Transformer painting work
220/33kV 125 MVA TF 1 @ BORIVALI (AEML)	IntraState	02/06/2022	08:58	02/06/2022	18:04	PO	ANNUAL & PREMONSOON MAINTENANCE WORK
220/22 KV 50 MVA PTR 1 @ LONIKAND	IntraState	02/06/2022	09:26	02/06/2022	16:23	PO	Pre-mansoon activities, Half yearly DT and Bay maintenance work
220/33-22 KV 100 MVA PTR 2	IntraState	02/06/2022	10:47	02/06/2022	19:08	PO	For diagnostic and relay testing of T/F No. 2 and maintenance work.
220/132 KV 100 MVA ICT - 1 @KALWAN	IntraState	02/06/2022	11:55	02/06/2022	14:14	PO	For OLTC work by NOUS technologist
220/100 KV 200 MVA ICT 3 @ TROMBAY	IntraState	02/06/2022	12:13	02/06/2022	17:17	PO	Premonsoon maintenance activity.
110 KV LINE Outages/Trippings							
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.
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.
WAGHIVALI - MANKHURD	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfiting these lines on new Multicircuit Towers between Darave to Vashi.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Jun/2022

Statement-VII

Position as on 6.30 Hrs of 03/Jun/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
WAGHIVALI - CHEMBUR	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De- Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfiting these lines on new Multicircuit Towers between Darave to Vashi.

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