

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Jun/2022 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	173.289	1200.875	1) Gujrat	-7.784	-41.868
2) Hydro	9.521	100.408	2) Madhya Pradesh	3.297	29.498
3) Gas	6.359	25.692	3) Chattisgarh	2.230	14.620
Total MSPGCL	189.169	1326.975	4) Maharashtra	188.430	1223.417
B) 1) APML	72.910	510.447	5) Goa (Amona)	-0.834	-6.909
2) JSWEL	15.202	119.293	Total	185.339	1218.758
3) VIPL	0.000	0.000	a) Mumbai Schedule	35.810	240.519
4) RPL(AMT)	25.561	171.699	b) Mumbai Drawl	40.414	265.563
5) SWPGPL	9.468	58.526	c) MSEDCL Bilateral *	84.211	539.850
6) Other IPP	13.574	109.412	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	35.810	240.339
C) 1) TPCL Thermal	15.757	107.923	Include PX	0.000	0.000
2) TPCL Hydro	5.144	37.524	Standby	0.000	0.181
3) TPCL Gas	1.920	8.766	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.419	79.949	1) MSEDCL	507.316	3452.722
D) STATE			2) Mumbai Discoms	74.651	499.723
1) Thermal	337.180	2358.124	3) Other Discoms	9.507	66.439
(A1+C1+C4+(B1-B6))			TOTAL STATE	591.474	4018.884
2) Hydro (A2+C2)	14.665	137.932			
3) Gas (A3+B7+C3)	8.279	34.458			
4) Wind	36.034	201.697			
6) SOLAR	9.980	67.917			
TOTAL STATE	406.138	2800.128			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	7074	7275	7265	7246
MSPGCL Hydro	348	320	740	226
MSPGCL Gas	258	266	276	270
MSPGCL Total Generation	7680	7862	8280	7742
Central Sector Receipt	9469	9445	6592	6664
WIND	1033	991	1842	1734
CPP / IPP Thermal	5371	5737	5902	5660
CPP / IPP Gas	0	0	0	0
SOLAR	1368	1113	0	0
Exchange with Mumbai	-2290	-2284	-1548	-1033
MSEDCL DEMAND MET	22202	22443	20631	20449
Load Shedding	0	0	0	0
MSEDCL DEMAND	22202	22443	20631	20449
TPCL GENERATION	831	816	1162	957
AEML GENERATION	439	461	497	500
MUMBAI DEMAND	3560	3561	3207	2490
OTHER DISCOM DEMAND	430	420	437	318
STATE DEMAND MET	26192	26424	24276	23256
STATE DEMAND	26192	26424	24276	23256
Frequency (Hz)	50.04	49.98	49.97	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.21 Hz at 08.03 Hrs	49.73 Hz at 23.08 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 07/Jun/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.40	30.36	200	165
Unit 7	0.00	0.00	0	0
Unit 8	13.16	92.02	568	472
Unit 9	11.60	86.36	512	444
Unit 10	11.88	87.71	528	410
Total	41.03	296.44		
Bhusawal				
Unit 3	3.33	24.21	160	120
Unit 4	10.60	72.71	455	405
Unit 5	10.27	55.68	455	375
Total	24.20	152.60		
Parli				
Unit 6	4.66	35.06	240	144
Unit 7	4.06	29.62	205	133
Unit 8	3.11	21.75	133	127
Total	11.83	86.42		
Chandrapur				
Unit 3	2.90	18.89	145	114
Unit 4	2.94	21.68	134	118
Unit 5	7.80	59.45	377	305
Unit 6	9.44	64.38	404	370
Unit 7	8.87	60.45	400	328
Unit 8	10.59	74.87	464	425
Unit 9	10.28	71.28	448	404
Total	52.83	371.00		
Paras				
Unit 3	5.35	35.67	241	165
Unit 4	4.95	30.00	228	160
Total	10.30	65.67		
Khaparkheda				
Unit 1	3.30	22.40	145	130
Unit 2	3.46	25.30	155	120
Unit 3	4.30	29.08	186	170
Unit 4	0.00	13.16	0	0
Unit 5	11.18	76.56	475	440
Total	22.24	166.52		
Nasik				
Unit 3	3.70	26.82	177	124
Unit 4	3.80	12.71	196	124
Unit 5	3.36	22.70	163	124
Total	10.86	62.23		
Uran				
All Units	6.36	25.69	277	245
Total	6.36	25.69		
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)	0.29	2.39	42	0
Total	0.29	2.39		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.38	24.18	355	35
Stage 4	1.24	22.33	369	0
Stage 3	0.69	11.54	80	0
Total	4.31	58.05		
Hydro				
KDPH	0.49	3.65	21	21
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.54	0	0
BHIRA T.R.	0.28	2.24	80	0
SMLHY_PTN	4.14	33.18	182	164
GHATGHAR	0.00	0.36	0	0
Total	4.92	39.97		
Wind				
Total	36.03	201.70	0	0
Total	36.03	201.70		
CPP				
APML(Mus)	72.91	510.45	0	0
JSWEL(Mus)	15.20	119.29	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.56	171.70	0	0
SWPGPL-Mus	9.47	58.53	0	0
Other(Mus)	13.57	109.41	0	0
Total	136.72	969.38		
SOLAR				
Total	9.98	67.92	0	0
Total	9.98	67.92		
Tata				
Trombay 5	10.28	70.54	451	338
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.03	6.71	43	43
Trombay 7B	0.89	2.06	37	37
TATA Hydro	5.14	37.52	422	7
Trombay 8	5.48	37.38	243	198
Total	22.82	154.21		
AEML				
DTPS U-1&2	11.42	79.95	500	389
Total	11.42	79.95		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	173.29	1200.88	MSPGCL Total	189.17	1326.98
			MSPGCL Thml+Gas	179.65	1226.57	Koyna 1,2 & 4 Total	3.62	46.50
			MSPGCL Hydro	9.52	100.41	State Total	406.14	2800.13

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/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 DEMAND	OTHER DISCOM DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	7424	246	258	7928	2198	6162	0	0	6933	6731	-1412	21238	0	21238	3083	368	24690	50.00
2	7340	244	270	7854	2117	5917	0	0	6884	6652	-1263	20942	0	20942	2875	335	24152	50.00
3	7229	232	270	7732	2116	5792	0	0	6633	6706	-1102	20938	0	20938	2686	305	23930	49.90
4	7234	224	260	7718	1941	5470	0	0	6919	6743	-1098	20488	0	20488	2561	287	23336	49.98
5	7246	226	270	7742	1734	5660	0	0	6641	6664	-1033	20449	0	20449	2490	318	23256	49.96
6	7281	344	269	7894	1594	5740	0	0	7089	7267	-1088	21056	0	21056	2495	352	23902	49.97
7	7138	558	260	7956	1250	5647	0	87	7373	7454	-1289	20717	0	20717	2479	388	23584	49.97
8	7107	894	260	8260	1179	5333	0	326	7225	7680	-1490	20878	0	20878	2590	410	23878	50.03
9	7027	324	269	7620	1056	5624	0	677	7792	7972	-1833	20683	0	20683	2878	433	23994	50.07
10	6907	312	259	7478	936	4950	0	1010	8597	8865	-1940	20860	0	20860	3219	439	24518	50.02
11	7099	354	268	7722	978	5023	0	1197	9415	9251	-2155	21582	0	21582	3470	434	25486	50.06
12	7074	348	258	7680	1033	5371	0	1368	9870	9469	-2290	22202	0	22202	3560	430	26192	50.04
13	7179	312	268	7758	958	5642	0	1404	9680	8937	-2257	22031	0	22031	3557	412	26000	49.94
14	7030	280	257	7566	1010	5378	0	1272	9465	9220	-2153	21887	0	21887	3481	407	25774	50.00
15	7275	320	266	7862	991	5737	0	1113	9227	9445	-2284	22443	0	22443	3561	420	26424	49.98
16	7376	606	265	8248	1073	5818	0	794	9042	8941	-2245	22190	0	22190	3608	438	26236	50.01
17	7369	556	266	8190	1215	5735	0	481	8546	8462	-2141	21514	0	21514	3564	428	25506	50.01
18	7340	602	245	8186	1432	5703	0	216	7993	7944	-2019	21025	0	21025	3433	438	24896	50.02
19	7292	342	265	7900	1772	5765	0	34	7258	6969	-1741	20257	0	20257	3254	441	23952	50.01
20	7265	740	276	8280	1842	5902	0	0	6791	6592	-1548	20631	0	20631	3207	437	24276	49.97
21	7280	594	268	8142	1846	6082	0	0	6753	6497	-1488	20642	0	20642	3124	437	24202	50.01
22	7237	284	267	7788	1909	6016	0	0	6962	6557	-1459	20403	0	20403	3087	408	23898	50.01
23	7163	298	268	7728	1948	6081	0	0	7020	7139	-1525	20976	0	20976	3159	395	24530	49.93
24	7377	282	277	7936	1906	6167	0	0	7280	7182	-1561	21285	0	21285	3233	346	24864	49.96
MUs	173.29	9.52	6.36	189.17	36.03	136.72	0.00	9.98	187.39	185.34	-40.41	507.32	0.00	507.32	74.65	9.51	591.48	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 07/Jun/2022

Position as on 6.30 Hrs of 08/Jun/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Khaparkheda Unit 4	210	05/06/2022	00:07		Continued.	Annual Overhaul	
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 B0	120	13/05/2022	01:34		Continued.	excitation fault (unit out due to gas shortage from 02:30hrs of dt.13.05.2022)	
IPP	RPL(AMT) U-4	270	31/05/2022	01:15		Continued.	Ash Conveyer problem	06/06/2022
MSPGCL	Uran Unit 8	108	06/06/2022	23:03		Continued.	Gas shortage	
IPP	Dhariwal	300	07/06/2022	09:37	07/06/2022	12:18	Generator protection	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Jun/2022

Statement-VII

Position as on 6.30 Hrs of 08/Jun/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
KALWA - TALEGAON (PG)	InterState	08/06/2022	02:28	08/06/2022	05:36	EO	Cold washing of insulator string from loc no 1 to 33 DC(portion)
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.
KHARGHAR - TALEGAON (PG)	IntraState	07/06/2022	01:32	07/06/2022	05:23	EO	Cold washing of insulator string from loc no 1 to 09, 13,14,20 to 23, 26 to 33 DC(portion)
KARAD - LONIKAND I	IntraState	07/06/2022	02:05	07/06/2022	05:32	HT	H/T TO CONTROL LINE LOADING OF 400KV TALEGAON -KALWA
KARAD - LONIKAND I	IntraState	08/06/2022	02:34	08/06/2022	06:51	HT	HAND TRIPPED FOR LOAD MANAGEMENT
AKOLA-NANDGAONPETH (RPL-AMT)	IntraState	08/06/2022	06:07			PO	String replacement work will be carried out on 400 kV Akola-Nandgaonpeth line. Also work of tightening of Spacers cum Vibration Dampers, providing of corona ring & arcing horn will be carried out.
400 KV ICT Outages/Trippings							
400/220 KV 3X105 MVA ICT - 2 @ NAGOTHANE	IntraState	06/06/2022	12:33			PO	For CB replacement work
400/220/33 KV 500MVA ICT - 3 @ BABHALESHWAR	IntraState	07/06/2022	20:16	08/06/2022	00:13	EO	Attending oil leakages in "Y" Phase Of ICT-III by cold Welding method.
220 KV LINE Outages/Trippings							
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.
MUDSHINGI - CHIKODI	IntraState	06/06/2022	09:18			PO	Line reorientation work from D/C towers (Loc. 320 to 312 to M/C-9)) to M/C towers (Guide-D/C- M/C 3 to M/C 9) .
MUDSHINGI- BELEWADI LINE	IntraState	06/06/2022	10:00			PO	For Line diversion from D/C towers (Loc. 2 to 11) to D/C towers (L.no. 320 to 312) & (M/C 9 to M/C-22 to D/C-12)
TALANDGE - MUDSHINGI CKT - 2	IntraState	06/06/2022	10:07	07/06/2022	22:58	PO	For Line diversion from D/C towers (Loc. 2 to 11) to D/C towers (L.no. 320 to 312) & (M/C 9 to M/C-22 to D/C-12)
NAGOTHANE - ACCIL	IntraState	07/06/2022	05:19	07/06/2022	07:01	EO	Replacement of suspected (Sparking) suspension disc insulator at Loc No. 474 (Middle phase) & replacement of displaced suspension clamp of bottom phase.
RAYMOND - WASHALA	IntraState	07/06/2022	05:34	07/06/2022	06:50	T	TRIPPED ONLY FROM RAYMOND END
ROAD SIDE BUS @ KALWA	IntraState	07/06/2022	08:58	07/06/2022	19:52	PO	220 KV Road side Auxiliary bus conductor replacement work
EKLAHARE (OCR) - NAVASARI CKT - 2	IntraState	07/06/2022	09:37	07/06/2022	15:16	EO	Replacement of Flashover DTN Long rod insulator at loc no.212 R & Y Phase.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Jun/2022

Statement-VII

Position as on 6.30 Hrs of 08/Jun/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
TOPWORTH - Vile - bhagad	IntraState	07/06/2022	10:40	07/06/2022	17:49	PO	Outage tree cutting work at various location and other line maintenance work.
EKLAHARE (OCR) - PADGHE	IntraState	07/06/2022	11:06	07/06/2022	19:06	HT	load management
DAHANU - GHODBUNDER CKT - 1	IntraState	07/06/2022	11:26	07/06/2022	14:17	PO	Premonsoon maintenance of CB
DAHANU - GHODBUNDER CKT - 2	IntraState	07/06/2022	14:52	07/06/2022	16:39	PO	Premonsoon maintenance of CB
KANDALGAON - PIRANGUT	IntraState	07/06/2022	16:05	07/06/2022	19:22	T	Bus section 1 operated at kandalgaon B-ph Bus Jumper broken of Pirangut line
KANDALGAON - KOYNA (POPHALI)	IntraState	07/06/2022	16:05	07/06/2022	19:17	T	Bus section 1 operated at kandalgaon B-ph Bus Jumper broken of Pirangut line
VILE BHAGAD - KANDHALGAON	IntraState	07/06/2022	16:05	07/06/2022	19:26	T	Bus section 1 operated at kandalgaon B-ph Bus Jumper broken of Pirangut line
MALEGAON - KALWAN CKT-2	IntraState	07/06/2022	16:09	07/06/2022	17:35	EO	Emergency outage for removing plastic paper wrap at tower suspension between loc no.63-64.
RAYMOND - WASHALA	IntraState	07/06/2022	17:11	07/06/2022	21:03	EO	Fault on Loc no.224,due to flashover on STN String at both washala and Nashik side.Need replacement on urgent else supply will be affected on de capping of balance string.
BOISAR II - TARAPUR	IntraState	08/06/2022	05:39			T	TRIPPED ON DIST.PROTECTION
ROAD SIDE BUS @ KALWA	IntraState	08/06/2022	07:19			PO	220 KV Road side Auxiliary bus conductor replacement work in respect of 220 KV Kalwa-Temghar line & 220/100 KV 200 MVA ICT- 4 in the Bus 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
220/132KV 100 MVA ICT NO 2 @ MAGARPATTA	IntraState	07/06/2022	09:44	07/06/2022	16:32	PO	Work of replacement of trip close intermediate valve by M/s. Vendere
220/33 KV 50MVA PTR @ KALWAN	IntraState	07/06/2022	10:00	07/06/2022	12:45	PO	Quarterly & Pre-monsoon maintenance work
220/33kV 125 MVA TF 3 @ CHEMBUR	IntraState	07/06/2022	11:02	07/06/2022	16:02	PO	Annual and Premonsoon maintenance of Transformer.
220/33kV 125 MVA TF 3 @ GOREGAON	IntraState	07/06/2022	14:13	07/06/2022	16:29	PO	Premonsoon Maintenance work
220/33 KV 50 MVA PTR 1 @ KHARGHAR	IntraState	08/06/2022	06:08			PO	For premonsson Maintenance work

220 KV BUSBAR Outages/Trippings

MAIN BUS @ PAWAS	IntraState	07/06/2022	16:22	07/06/2022	18:27	EO	For replacement of faulty pilot B-ph insulator string of 220kV Bus.
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132 KV LINE Outages/Trippings

BOISAR II - VIRAJ	IntraState	08/06/2022	06:00			T	TRIPPED ON DIST PROTECTION.
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110 KV LINE Outages/Trippings

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Jun/2022

Statement-VII

Position as on 6.30 Hrs of 08/Jun/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.
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.
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