

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Jun/2022 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	173.242	1374.117	1) Gujrat	-6.322	-48.190
2) Hydro	11.236	111.644	2) Madhya Pradesh	1.769	31.267
3) Gas	6.425	32.117	3) Chattisgarh	1.880	16.500
Total MSPGCL	190.903	1517.878	4) Maharashtra	188.481	1411.898
B) 1) APMIL	73.100	583.547	5) Goa (Amona)	-0.585	-7.494
2) JSWEL	16.147	135.440	Total	185.223	1403.981
3) VIPL	0.000	0.000	a) Mumbai Schedule	38.102	278.621
4) RPL(AMT)	25.590	197.289	b) Mumbai Drawl	42.118	307.681
5) SWPGPL	9.473	67.999	c) MSEDCL Bilateral *	79.468	619.318
6) Other IPP	13.982	123.394	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	38.094	278.433
C) 1) TPCL Thermal	15.193	123.116	Include PX	0.000	0.000
2) TPCL Hydro	4.993	42.517	Standby	0.008	0.188
3) TPCL Gas	1.921	10.687	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.380	91.329	1) MSEDCL	504.172	3956.894
D) STATE			2) Mumbai Discoms	75.605	575.328
1) Thermal	338.107	2696.231	3) Other Discoms	9.614	76.053
(A1+C1+C4+(B1-B6))			TOTAL STATE	589.391	4608.275
2) Hydro (A2+C2)	16.229	154.161			
3) Gas (A3+B7+C3)	8.346	42.804			
4) Wind	31.290	232.987			
6) SOLAR	10.196	78.113			
TOTAL STATE	404.168	3204.296			

* 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 19 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	7239	7371	7139	7190
MSPGCL Hydro	638	940	282	358
MSPGCL Gas	266	265	265	268
MSPGCL Total Generation	8142	8576	7686	7816
Central Sector Receipt	8894	9121	7228	6672
WIND	839	1139	1673	907
CPP / IPP Thermal	5589	5807	5416	6135
CPP / IPP Gas	0	0	0	0
SOLAR	1432	746	27	0
Exchange with Mumbai	-2290	-2136	-1895	-1558
MSEDCL DEMAND MET	22162	22830	19700	19586
Load Shedding	0	0	0	0
MSEDCL DEMAND	22162	22830	19700	19586
TPCL GENERATION	790	1133	910	1155
AEML GENERATION	452	449	464	500
MUMBAI DEMAND	3532	3718	3269	3213
OTHER DISCOM DEMAND	444	423	436	386
STATE DEMAND MET	26138	26972	23404	23184
STATE DEMAND	26138	26972	23404	23184
Frequency (Hz)	49.99	50.03	50.04	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.13 Hz at 16.01 Hrs	49.84 Hz at 22.11 Hrs	50.01	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 08/Jun/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.48	34.83	195	170
Unit 7	0.00	0.00	0	0
Unit 8	13.51	105.52	598	505
Unit 9	12.17	98.53	535	485
Unit 10	11.78	99.49	545	413
Total	41.94	338.37		
Bhusawal				
Unit 3	3.25	27.46	155	120
Unit 4	9.76	82.47	455	360
Unit 5	10.54	66.21	450	420
Total	23.54	176.14		
Parli				
Unit 6	4.45	39.51	217	151
Unit 7	4.16	33.78	198	144
Unit 8	3.08	24.83	141	121
Total	11.70	98.12		
Chandrapur				
Unit 3	2.91	21.80	125	116
Unit 4	2.89	24.57	129	103
Unit 5	8.88	68.32	375	340
Unit 6	9.35	73.73	405	335
Unit 7	8.66	69.11	403	320
Unit 8	11.10	85.97	475	447
Unit 9	10.39	81.67	442	414
Total	54.17	425.17		
Paras				
Unit 3	5.24	40.91	237	167
Unit 4	5.03	35.03	230	161
Total	10.28	75.94		
Khaparkheda				
Unit 1	3.24	25.64	150	115
Unit 2	2.97	28.28	150	105
Unit 3	4.20	33.28	182	155
Unit 4	0.00	13.16	0	0
Unit 5	11.13	87.69	475	440
Total	21.54	188.05		
Nasik				
Unit 3	3.67	30.49	177	129
Unit 4	3.95	16.66	190	125
Unit 5	2.47	25.17	159	0
Total	10.09	72.32		
Uran				
All Units	6.42	32.12	288	255
Total	6.42	32.12		
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)	0.32	2.71	35	0
Total	0.32	2.71		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.48	26.65	325	35
Stage 4	1.87	24.20	376	0
Stage 3	0.97	12.51	192	0
Total	5.31	63.36		
Hydro				
KDPH	0.49	4.14	21	21
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.54	0	0
BHIRA T.R.	0.26	2.50	80	0
SMLHY_PTN	4.74	37.92	220	175
GHATGHAR	0.11	0.47	75	0
Total	5.60	45.57		
Wind				
Total	31.29	232.99	0	0
Total	31.29	232.99		
CPP				
APML(Mus)	73.10	583.55	0	0
JSWEL(Mus)	16.15	135.44	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.59	197.29	0	0
SWPGPL-Mus	9.47	68.00	0	0
Other(Mus)	13.98	123.39	0	0
Total	138.29	1107.67		
SOLAR				
Total	10.20	78.11	0	0
Total	10.20	78.11		
Tata				
Trombay 5	9.93	80.47	452	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.03	7.74	43	43
Trombay 7B	0.89	2.94	38	37
TATA Hydro	4.99	42.52	438	9
Trombay 8	5.26	42.64	227	182
Total	22.11	176.32		
AEMIL				
DTPS U-1&2	11.38	91.33	500	412
Total	11.38	91.33		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	173.24	1374.12	MSPGCL Total	190.90	1517.88
			MSPGCL Thml+Gas	179.67	1406.23	Koyna 1,2 & 4 Total	4.34	50.85
			MSPGCL Hydro	11.24	111.64	State Total	404.17	3204.30

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/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	7413	252	268	7932	1859	6155	0	0	7318	7370	-1515	21450	0	21450	3116	352	24918	50.01
2	7351	258	268	7878	1787	6109	0	0	7124	7193	-1349	21284	0	21284	2902	333	24520	50.02
3	7243	552	268	8062	1759	5831	0	0	6788	6942	-1232	21059	0	21059	2722	304	24084	50.01
4	7244	392	288	7924	1784	5823	0	0	7199	7191	-1258	21163	0	21163	2596	301	24060	50.02
5	7243	344	268	7854	1652	5830	0	0	6979	6942	-1173	20771	0	20771	2530	335	23636	50.00
6	7264	678	268	8210	1738	5797	0	1	7092	7385	-1226	21545	0	21545	2531	361	24436	50.01
7	7304	656	278	8238	1459	5738	0	79	7224	7536	-1361	21298	0	21298	2496	391	24186	49.96
8	7128	342	268	7738	1316	5702	0	355	7566	7851	-1620	20916	0	20916	2609	426	23950	50.00
9	7160	482	268	7910	1117	5706	0	753	7725	7478	-1879	20643	0	20643	2901	442	23986	50.04
10	7016	678	267	7960	1075	5385	0	1119	8051	8266	-1996	21360	0	21360	3232	449	25042	50.02
11	7073	580	267	7920	938	5370	0	1330	8846	8817	-2225	21722	0	21722	3477	428	25628	50.01
12	7239	638	266	8142	839	5589	0	1432	9116	8894	-2290	22162	0	22162	3532	444	26138	49.99
13	7272	514	255	8042	799	5631	0	1446	9347	9223	-2283	22440	0	22440	3564	418	26422	50.00
14	7253	332	264	7850	779	5711	0	1313	9222	9336	-2202	22367	0	22367	3524	419	26310	50.00
15	7376	644	265	8286	823	5807	0	1027	9454	9205	-2046	22681	0	22681	3649	421	26750	49.97
16	7371	940	265	8576	1139	5807	0	746	9326	9121	-2136	22830	0	22830	3718	423	26972	50.03
17	7261	406	255	7922	1219	5754	0	404	9094	8682	-2067	21475	0	21475	3668	439	25582	50.06
18	7231	268	265	7764	1345	5570	0	164	8605	8173	-2018	20559	0	20559	3492	439	24490	50.04
19	7139	282	265	7686	1673	5416	0	27	7696	7228	-1895	19700	0	19700	3269	436	23404	50.04
20	7249	346	276	7872	1986	5854	0	0	6875	6154	-2038	19389	0	19389	3223	438	23050	50.03
21	6965	344	268	7576	1486	5701	0	0	6281	6388	-1592	19136	0	19136	3186	423	22746	50.02
22	7090	574	268	7932	1092	5711	0	0	5965	6290	-1540	19057	0	19057	3160	428	22644	50.02
23	7190	358	268	7816	907	6135	0	0	6434	6672	-1558	19586	0	19586	3213	386	23184	49.97
24	7167	376	269	7812	719	6160	0	0	6700	6886	-1619	19581	0	19581	3295	378	23254	50.01
MUs	173.24	11.24	6.43	190.90	31.29	138.29	0.00	10.20	186.03	185.22	-42.12	504.17	0.00	504.17	75.61	9.61	589.39	50.01

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 08/Jun/2022

Position as on 6.30 Hrs of 09/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 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	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	Koyana Unit 2	70	06/06/2022	08:00	09/06/2022	05:15	Needle No.1&4 water leakage	
MSPGCL	Uran Unit 8	108	06/06/2022	23:03		Continued.	Gas shortage	
MSPGCL	Nasik Unit 5	210	08/06/2022	18:18		Continued.	ID Fan Problem	11/06/2022
MSPGCL	Chandrapur Unit 9	500	09/06/2022	08:46		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Jun/2022

Statement-VII

Position as on 6.30 Hrs of 09/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	08/06/2022	10:09	HT	H/T for Load Management ie. to avoid the dumping of power in 400 kV Kharghar and Kalwa Lines.
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	08/06/2022	16:32	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 TBC Outages/Trippings							
TBC @ VERSOVA (AEML)	IntraState	08/06/2022	09:46	08/06/2022	18:28	PO	For Safety purpose during outage of 100MVA TR-3
TBC @ CHAKAN	IntraState	08/06/2022	10:51	08/06/2022	17:55	PO	CB Testing
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	08/06/2022	15:03	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)
BOISAR II - TARAPUR	IntraState	08/06/2022	05:39	08/06/2022	11:05	T	TRIPPED ON DIST.PROTECTION
ROAD SIDE BUS @ KALWA	IntraState	08/06/2022	07:19	08/06/2022	20:57	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.
OSMANABAD - BARSHI	IntraState	08/06/2022	09:21	08/06/2022	13:23	PO	Outage is required for Quarterly Maintenance
LAMBOTI - KARKAMB	IntraState	08/06/2022	10:33	08/06/2022	20:43	PO	Outage is required for changing / replacement of faulty string at loc no. 52, 89, 90, 91, 92, 94, 96, 99.
KANDALGAON - ONGC PANVEL	IntraState	08/06/2022	11:13	08/06/2022	17:35	PO	For Replacement Of R & Y Phase CT(Due to leakage), At kandalgaon S/S
AAREY - AEML SAKI CKT - 1	IntraState	08/06/2022	11:19			PO	Repair / restoration of 220 kV R-Phase with additional 2 nos. Joints. Repair of Y-Phase outer sheath.
KHARGHAR - SONKHAR	IntraState	08/06/2022	13:50	08/06/2022	15:46	T	DP

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Jun/2022

Statement-VII

Position as on 6.30 Hrs of 09/Jun/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
LONIKAND1-LONIKAND2 (INTER CONNECTOR)	IntraState	08/06/2022	18:05	08/06/2022	19:26	EO	To attend hotspot of R ph T point jumper between Iso 29 A & 29 B. (Temp 121 deg C)
URSE - TALEGAON (AMBI) CKT 1	IntraState	08/06/2022	22:31	09/06/2022	03:06	EO	Replacement of faulty strings at loc.14 R-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.
220/22 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
220/33 KV 50 MVA PTR 1 @ KHARGHAR	IntraState	08/06/2022	06:08	08/06/2022	11:10	PO	For premonsson Maintenance work
220/33kV 100 MVA TF 3 @VERSOVA (AEML)	IntraState	08/06/2022	09:46	08/06/2022	18:45	PO	Annual Maintenance & Premonsoon Maintenance.
220/33 KV 50 MVA PTR 2 @ KHARGHAR	IntraState	09/06/2022	06:07			PO	For premonsoon Maintenance work
132 KV LINE Outages/Trippings							
BOISAR II - VIRAJ	IntraState	08/06/2022	06:00	08/06/2022	09:15	T	TRIPPED ON DIST PROTECTION.
KANHAN-PENCH	IntraState	08/06/2022	11:20	08/06/2022	17:50	PO	Routine Maintenance work.
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 - 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.
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.

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