

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Jun/2022 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	145.996	4118.289	1) Gujrat	-9.942	-160.284
2) Hydro	10.747	323.085	2) Madhya Pradesh	2.728	115.515
3) Gas	3.350	103.574	3) Chattisgarh	3.150	69.600
Total MSPGCL	160.093	4544.948	4) Maharashtra	149.917	4393.168
B) 1) APLM	50.445	1769.130	5) Goa (Amona)	-0.715	-24.579
2) JSWEL	15.666	433.387	Total	145.138	4393.420
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.152	863.698
4) RPL(AMT)	24.630	651.819	b) Mumbai Drawl	28.054	964.461
5) SWPGPL	7.276	215.661			
6) Other IPP	10.082	342.044	c) MSEDCL Bilateral *	68.876	1880.462
7) PGPL	0.000	0.000	Include PX	0.000	0.000
C) 1) TPCL Thermal	14.604	379.841	d) Mumbai Bilateral *	25.152	863.477
2) TPCL Hydro	1.455	106.737	Include PX	0.000	0.000
3) TPCL Gas	0.000	29.093	Standby	0.000	0.221
4) AEML Thermal	11.418	265.714			
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C4+(B1-B6))	280.117	8175.885	1) MSEDCL	417.216	12067.054
2) Hydro (A2+C2)	12.202	429.822	2) Mumbai Discoms	55.531	1745.850
3) Gas (A3+B7+C3)	3.350	132.667	3) Other Discoms	8.600	241.850
4) Wind	32.322	682.865			
6) SOLAR	8.218	240.091	TOTAL STATE	481.347	14054.754
TOTAL STATE	336.209	9661.330			

* 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	5914	5801	6243	6291
MSPGCL Hydro	445	396	544	363
MSPGCL Gas	130	140	130	140
MSPGCL Total Generation	6489	6337	6917	6794
Central Sector Receipt	7127	6738	6535	5285
WIND	1188	1427	1390	1289
CPP / IPP Thermal	3825	4036	4602	4891
CPP / IPP Gas	0	0	0	0
SOLAR	1094	1120	0	0
Exchange with Mumbai	-1321	-1321	-1210	-988
MSEDCL DEMAND MET	18018	17966	17840	16959
Load Shedding	0	0	0	0
MSEDCL DEMAND	18018	17966	17840	16959
TPCL GENERATION	650	666	716	584
AEML GENERATION	467	492	487	497
MUMBAI DEMAND	2438	2479	2413	2069
OTHER DISCOM DEMAND	384	371	394	312
STATE DEMAND MET	20840	20816	20647	19340
STATE DEMAND	20840	20816	20647	19340
Frequency (Hz)	49.97	50.00	49.83	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.23 Hz at 09.01 Hrs	49.64 Hz at 22.18 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 26/Jun/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.68	101.78	130	90
Unit 7	0.00	0.00	0	0
Unit 8	12.08	317.66	538	407
Unit 9	8.95	287.12	410	345
Unit 10	11.64	302.34	510	472
Total	35.34	1008.91		
Bhusawal				
Unit 3	3.01	83.44	140	110
Unit 4	8.70	263.05	440	285
Unit 5	9.17	243.62	480	280
Total	20.88	590.11		
Parli				
Unit 6	5.00	110.71	249	148
Unit 7	4.59	112.14	234	139
Unit 8	0.00	74.95	0	0
Total	9.59	297.80		
Chandrapur				
Unit 3	3.05	77.75	132	113
Unit 4	0.00	51.00	0	0
Unit 5	7.54	216.44	350	290
Unit 6	8.37	192.19	375	285
Unit 7	0.00	113.41	0	0
Unit 8	11.10	281.36	480	390
Unit 9	10.50	228.99	459	398
Total	40.57	1161.15		
Paras				
Unit 3	4.43	125.34	210	145
Unit 4	4.16	110.81	195	142
Total	8.59	236.15		
Khaparkheda				
Unit 1	3.18	83.38	140	120
Unit 2	3.19	87.75	150	110
Unit 3	3.86	107.52	180	131
Unit 4	0.00	13.16	0	0
Unit 5	10.80	279.39	480	350
Total	21.03	571.21		
Nasik				
Unit 3	3.32	97.70	163	120
Unit 4	3.40	80.70	164	121
Unit 5	3.28	74.56	154	118
Total	9.99	252.96		
Uran				
All Units	3.35	103.57	150	130
Total	3.35	103.57		
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)	0.03	5.29	32	0
Total	0.03	5.29		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.32	73.62	360	40
Stage 4	0.62	53.45	200	0
Stage 3	1.12	31.16	80	0
Total	4.06	158.22		
Hydro				
KDPH	0.43	11.42	18	18
VTRNA	0.67	4.36	60	0
TILLARI	0.58	7.71	58	0
BHIRA T.R.	0.14	5.66	77	0
SMLHY_PTN	4.84	128.29	209	192
GHATGHAR	0.00	2.13	0	0
Total	6.66	159.57		
Wind				
Total	32.32	682.86	0	0
Total	32.32	682.86		
CPP				
APML(Mus)	50.44	1769.13	0	0
JSWEL(Mus)	15.67	433.39	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	24.63	651.82	0	0
SWPGPL-Mus	7.28	215.66	0	0
Other(Mus)	10.08	342.04	0	0
Total	108.10	3412.04		
SOLAR				
Total	8.22	240.09	0	0
Total	8.22	240.09		
Tata				
Trombay 5	9.42	246.79	446	294
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	17.72	0	0
Trombay 7B	0.00	11.38	0	0
TATA Hydro	1.46	106.74	267	0
Trombay 8	5.19	133.05	226	182
Total	16.06	515.67		
AEMIL				
DTPS U-1&2	11.42	265.71	500	368
Total	11.42	265.71		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	146.00	4118.29	MSPGCL Total	160.09	4544.95
			MSPGCL Thml+Gas	149.35	4221.86	Koyna 1,2 & 4 Total	2.94	127.06
			MSPGCL Hydro	10.75	323.08	State Total	336.21	9661.33

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/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	6484	597	140	7221	1136	5195	0	0	4723	5174	-983	17407	0	17407	2410	336	20153	49.96
2	6496	642	140	7278	1036	5188	0	0	4661	4907	-967	17122	0	17122	2270	320	19712	49.92
3	6414	650	150	7214	1157	4956	0	0	4912	5168	-1033	17160	0	17160	2143	302	19605	49.94
4	6291	363	140	6794	1289	4891	0	0	5182	5285	-988	16959	0	16959	2069	312	19340	49.99
5	6201	338	140	6679	1315	4926	0	0	5072	5377	-982	16996	0	16996	2030	319	19345	49.95
6	6154	427	140	6721	1096	4915	0	0	5722	6297	-1028	17677	0	17677	2059	324	20060	49.98
7	6227	458	140	6825	911	4839	0	55	6380	6721	-1076	17934	0	17934	2050	341	20325	50.00
8	6232	377	150	6759	856	4814	0	254	6259	6945	-1184	18111	0	18111	2070	333	20514	50.02
9	6221	342	130	6693	1039	4742	0	508	6391	6775	-1338	18071	0	18071	2182	348	20601	50.12
10	6019	374	150	6543	1190	4276	0	771	6702	6920	-1222	18127	0	18127	2330	351	20808	50.11
11	5914	445	130	6489	1188	3825	0	1094	6782	7127	-1321	18018	0	18018	2438	384	20840	49.97
12	5965	412	140	6517	1080	3890	0	1108	6860	7066	-1373	17913	0	17913	2490	375	20778	49.96
13	5801	396	140	6337	1427	4036	0	1120	6717	6738	-1321	17966	0	17966	2479	371	20816	50.00
14	5409	395	140	5944	1557	3787	0	1136	6554	6633	-1274	17415	0	17415	2417	368	20200	49.99
15	5510	456	130	6096	1728	3625	0	1010	6484	6533	-1271	17352	0	17352	2409	369	20130	50.03
16	5655	396	140	6191	1944	3849	0	660	5931	5725	-1247	16735	0	16735	2403	387	19525	49.98
17	5538	377	140	6055	2126	3798	0	316	5662	5783	-1257	16431	0	16431	2359	390	19180	50.02
18	5821	380	130	6331	1712	3840	0	161	5847	6210	-1230	16626	0	16626	2303	398	19327	50.01
19	5822	653	140	6615	1488	3901	0	25	5899	6646	-1285	16999	0	16999	2326	391	19716	49.98
20	6243	544	130	6917	1390	4602	0	0	6279	6535	-1210	17840	0	17840	2413	394	20647	49.83
21	6355	364	150	6869	1336	4927	0	0	5678	5817	-1129	17436	0	17436	2471	384	20291	49.93
22	6435	610	130	7175	1335	4956	0	0	4877	5033	-1118	16997	0	16997	2468	384	19849	49.82
23	6415	410	150	6975	1408	5263	0	0	4729	4875	-1094	17069	0	17069	2462	358	19889	49.85
24	6374	341	140	6855	1578	5058	0	0	4865	4848	-1123	16854	0	16854	2480	362	19696	49.95
MUs	146.00	10.75	3.35	160.09	32.32	108.10	0.00	8.22	139.17	145.14	-28.05	417.22	0.00	417.22	55.53	8.60	481.35	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 26/Jun/2022

Position as on 6.30 Hrs of 27/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	20/07/2022
MSPGCL	Koyna STG-IV Unit-2	250	13/06/2022	00:00		Continued.	Commissioning and installation of New TSLG governor	30/06/2022
IPP	RPL(AMT) U-5	270	15/06/2022	00:00		Continued.	Annual Overhaul	25/07/2022
MSPGCL	Koyna Unit 9	80	15/06/2022	08:00		Continued.	Capital Overhaul	30/09/2022
MSPGCL	Parli Unit 8	250	25/06/2022	00:00		Continued.	Short overhauling	10/07/2022
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	25/06/2022
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	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)	
IPP	JSW (J) U1	300	16/03/2022	23:16		Continued.	Turbine Vibration	15/07/2022
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	
MSPGCL	Uran Unit 5	108	11/06/2022	14:29	27/06/2022	08:20	Gas shortage	
MSPGCL	Chandrapur Unit 7	500	15/06/2022	05:01		Continued.	Turbine Gland steam temperature not maintained	15/07/2022
MSPGCL	Chandrapur Unit 4	210	18/06/2022	00:05	27/06/2022	09:28	Ash handling problem.	27/06/2022
TPC-G	Trombay 7B	60	18/06/2022	03:55		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	18/06/2022	04:12		Continued.	Gas shortage	
MSPGCL	Ghatghar Unit-2	125	18/06/2022	10:00		Continued.	for Hydraulic Intake Gate Work	30/06/2022
IPP	SWPGPL U-2	135	23/06/2022	03:00	26/06/2022	10:00	BOILER BOTTOM ASH SYSTEM PROBLEM	26/06/2022
MSPGCL	Uran Unit B0	120	24/06/2022	06:28		Continued.	Excitation channel fault.	
MSPGCL	Uran Unit 8	108	24/06/2022	15:33		Continued.	Gas shortage	
IPP	Adani U-2	660	25/06/2022	04:18		Continued.	Stator Earth Fault	30/06/2022

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Jun/2022

Statement-VII

Position as on 6.30 Hrs of 27/Jun/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400kv 1500 MVA ICT-1 @ EKTUNI	IntraState	26/06/2022	10:17	26/06/2022	21:03	PO	"Diagnostic Testing & Routine Maintenance "
400 KV MAINBAY Outages/Trippings							
400KV MAIN BAY 413 OF SPARE BAY	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 (431) OF 167 MVA SPARE ICT @ KORADI II	IntraState	16/06/2022	11:23			PO	1) Premonsoon maintenance work& 2) Routine Bay Maintenance.
400 KV LINE Outages/Trippings							
WARORA - WARDHA (PG)	InterState	20/06/2022	10:10			PO	1. Tower Erection of loc. No. 01 under 400 kv Wardha-Warora line. 2. Connecting 400kv Warora (MSETCL) to 400kv Warora (PGCIL)
DHULE - SSNNL CKT - 1	InterState	26/06/2022	10:31	26/06/2022	16:46	PO	Replacement of damaged earthwire, replacement of PID suspicious disc insulator strings and other routine maintenance work. 400kv SSNNL Ckt-2 A/R switch will be kept on non auto mode.
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	24/06/2022	15:37	26/06/2022	13:03	HT	HT for Load Management
KARAD - LONIKAND I	IntraState	26/06/2022	12:17	26/06/2022	17:51	T	To control 400 KV Kolhapur Karad line loading.
DEEPNAGAR - THAPTI TANDA	IntraState	27/06/2022	06:57			PO	one conductor Strand got removed from the B-ph Conductor & is hanging in air. hence for fixing the repair sleeves at two different locs no 49 & 173.
KARAD - LONIKAND I	IntraState	27/06/2022	10:24			HT	H/T TO CONTROL LINE LOADING OF 400KV KARAD-KOLHAPUR-1 &2
220 KV TBC Outages/Trippings							
BUS COUPLER @ MAHALAXMI GIS (T)	IntraState	26/06/2022	10:47	26/06/2022	14:56	PO	PROTECTION TESTING
220 KV LINE Outages/Trippings							
EKLAHARA(GCR)(NASIK)-BABLESHWAR 2	IntraState	27/04/2022	12:21			EO	Shifting of 220kv GCR-BBLR-2 line on 220kv TBC bay.
BUS SECTION-4 @ TEMGHAR	IntraState	15/06/2022	04:47	27/06/2022	03:50	EO	For opening 220kv Bus section-4 Isolator 3. During the operation 220kv Kalwa Temghar and 220kv Padgha Temghar 2 line 50MVA TF no. 4 , 50MVA TF no. 5 on Bus section-4 will be under outage.
B BUS @ BOISAR II	IntraState	25/06/2022	13:12	26/06/2022	23:21	PO	1) 220kv PGCIL Line 1 Bay Strengthening at 220kv Boisar2 S/s (MSETCL). 2) Stub Bus of PGCIL Line 1 passes over 220kv B Bus, therefore for safety purpose 220kv B-Bus outage is essential.
BOISAR II - BOISAR (PG) CKT - 1	IntraState	26/06/2022	06:18	27/06/2022	00:34	PO	220kv PGCIL Line 1 Bay Strengthening at 220kv Boisar2 S/s (MSETCL).

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Jun/2022

Statement-VII

Position as on 6.30 Hrs of 27/Jun/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
LAMBOTI - KARKAMB	IntraState	26/06/2022	10:45	26/06/2022	16:25	PO	Outage is required for For changing / replacement of faulty string at loc no. 52, 59, 97, 99.
TATA BORIVLI MSETCL BORIVLI - 4	IntraState	27/06/2022	10:00			PO	PROJECT WORK-CRP REPLACEMENT AT MSETCL END
MAIN BUS - 2 @ LAMBOTI	IntraState	27/06/2022	11:12			PO	For confirmation of Oil level of 220 kv PT B phase of Main Bus-II
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 dismantling said 50MVA T/f 1 at 220 kV K'gaon S/s
220 / 110 / 33kV 250MVA ICT 3 @ BORIVALI (TATA)	IntraState	26/06/2022	10:47	26/06/2022	20:06	PO	PROJECT WORK-CALIBRATION OF CSD AND TRIALS
220/100 KV 100 MVA ICT 2 @ VASAI II	IntraState	26/06/2022	14:24	26/06/2022	18:10	EO	1) For attending oil leakage of neutral bushing by agency. 2) For removal of faulty relay REC -670
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 shifting 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 shifting these lines on new Multicircuit Towers between Darave to Vashi.
NERAL - AMBERNATH	IntraState	26/06/2022	08:00	26/06/2022	15:44	PO	split pin installation

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