

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Jun/2022 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.121	4402.391	1) Gujrat	-8.290	-181.209
2) Hydro	14.949	348.770	2) Madhya Pradesh	2.805	121.899
3) Gas	6.714	115.534	3) Chattisgarh	2.080	74.800
Total MSPGCL	162.784	4866.695	4) Maharashtra	141.457	4630.047
B) 1) APLM	51.210	1866.991	5) Goa (Amona)	-1.027	-26.846
2) JSWEL	18.820	470.192	Total	137.025	4618.691
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.174	937.863
4) RPL(AMT)	25.626	702.109	b) Mumbai Drawl	33.345	1033.461
5) SWPGPL	9.366	233.879	c) MSEDCL Bilateral *	64.202	2021.748
6) Other IPP	9.741	362.007	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.174	937.643
C) 1) TPCL Thermal	13.663	406.788	Include PX	0.000	2.021
2) TPCL Hydro	2.388	112.143	Standby	0.000	0.221
3) TPCL Gas	2.902	32.609	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.830	287.737	1) MSEDCL	415.655	12847.582
D) STATE			2) Mumbai Discoms	63.128	1872.741
1) Thermal	280.377	8732.094	3) Other Discoms	9.299	260.372
(A1+C1+C4+(B1-B6))			TOTAL STATE	488.082	14980.695
2) Hydro (A2+C2)	17.337	460.913			
3) Gas (A3+B7+C3)	9.616	148.143			
4) Wind	33.832	763.693			
6) SOLAR	9.895	257.158			
TOTAL STATE	351.057	10362.001			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5896	5731	6062	6068
MSPGCL Hydro	457	334	1372	275
MSPGCL Gas	270	282	280	276
MSPGCL Total Generation	6623	6347	7714	6619
Central Sector Receipt	6802	6787	5828	4095
WIND	1481	1506	1299	1140
CPP / IPP Thermal	4046	3923	5219	5292
CPP / IPP Gas	0	0	0	0
SOLAR	1131	1228	0	0
Exchange with Mumbai	-1935	-1856	-1382	-839
MSEDCL DEMAND MET	17725	17528	18243	15992
Load Shedding	0	0	0	0
MSEDCL DEMAND	17725	17528	18243	15992
TPCL GENERATION	784	795	1001	820
AEML GENERATION	462	440	440	463
MUMBAI DEMAND	3181	3091	2823	2122
OTHER DISCOM DEMAND	423	407	435	315
STATE DEMAND MET	21329	21026	21501	18429
STATE DEMAND	21329	21026	21501	18429
Frequency (Hz)	50.04	50.02	49.94	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.2 Hz at 18.03 Hrs	49.76 Hz at 00.07 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 28/Jun/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.06	107.94	140	100
Unit 7	0.00	0.00	0	0
Unit 8	11.47	340.85	512	386
Unit 9	0.00	292.53	0	0
Unit 10	11.45	325.21	495	454
Total	25.98	1066.52		
Bhusawal				
Unit 3	3.09	89.64	150	90
Unit 4	10.76	283.37	475	365
Unit 5	10.22	263.88	475	355
Total	24.06	636.89		
Parli				
Unit 6	4.69	119.80	242	150
Unit 7	4.18	120.02	212	130
Unit 8	0.00	74.95	0	0
Total	8.86	314.78		
Chandrapur				
Unit 3	3.02	83.91	140	115
Unit 4	2.09	54.59	134	0
Unit 5	8.14	232.18	355	295
Unit 6	8.56	209.02	380	300
Unit 7	0.00	113.41	0	0
Unit 8	10.90	302.86	475	426
Unit 9	10.69	250.36	457	403
Total	43.41	1246.34		
Paras				
Unit 3	4.75	134.34	225	142
Unit 4	5.23	120.53	236	155
Total	9.98	254.87		
Khaparkheda				
Unit 1	2.92	89.15	145	90
Unit 2	3.09	93.94	145	110
Unit 3	4.22	115.79	188	136
Unit 4	0.00	13.16	0	0
Unit 5	11.13	300.93	480	380
Total	21.35	612.98		
Nasik				
Unit 3	3.42	104.35	155	125
Unit 4	0.41	84.24	140	0
Unit 5	3.64	81.43	177	127
Total	7.47	270.01		
Uran				
All Units	6.71	115.53	293	262
Total	6.71	115.53		
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)	0.07	5.45	12	0
Total	0.07	5.45		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.18	79.65	490	35
Stage 4	3.54	57.36	739	0
Stage 3	1.85	34.06	240	0
Total	8.56	171.06		
Hydro				
KDPH	0.00	11.56	0	0
VTRNA	0.69	5.75	61	0
TILLARI	0.00	8.10	0	0
BHIRA T.R.	0.10	5.84	57	0
SMLHY_PTN	5.53	138.88	249	212
GHATGHAR	0.00	2.13	0	0
Total	6.32	172.25		
Wind				
Total	33.83	763.69	0	0
Total	33.83	763.69		
CPP				
APML(Mus)	51.21	1866.99	0	0
JSWEL(Mus)	18.82	470.19	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.63	702.11	0	0
SWPGPL-Mus	9.37	233.88	0	0
Other(Mus)	9.74	362.01	0	0
Total	114.76	3635.18		
SOLAR				
Total	9.90	257.16	0	0
Total	9.90	257.16		
Tata				
Trombay 5	8.62	263.98	435	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.69	19.98	113	47
Trombay 7B	1.21	12.63	64	40
TATA Hydro	2.39	112.14	281	0
Trombay 8	5.04	142.81	224	168
Total	18.95	551.54		
AEML				
DTPS U-1&2	10.83	287.74	498	393
Total	10.83	287.74		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	141.12	4402.39	MSPGCL Total	162.78	4866.70
			MSPGCL Thml+Gas	147.84	4517.92	Koyna 1,2 & 4 Total	6.72	137.00
			MSPGCL Hydro	14.95	348.77	State Total	351.06	10362.00

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 28/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	6081	804	282	7167	915	5346	0	0	4389	4378	-966	16492	0	16492	2394	349	19234	49.90
2	6105	306	287	6698	984	5324	0	0	4602	4434	-860	16248	0	16248	2233	332	18813	49.94
3	6068	275	276	6619	1140	5292	0	0	4255	4095	-839	15992	0	15992	2122	315	18429	49.97
4	5954	271	286	6511	1086	5227	0	0	4460	4432	-805	16144	0	16144	2036	307	18487	50.01
5	5902	288	290	6480	1097	5029	0	0	4872	5046	-840	16508	0	16508	2003	304	18815	49.96
6	5889	789	293	6971	1376	5242	0	2	4911	4986	-925	17321	0	17321	2095	331	19747	49.98
7	5881	1171	288	7340	1336	5344	0	89	5168	5318	-1020	18044	0	18044	2194	362	20601	49.88
8	5837	756	288	6881	1551	5310	0	400	5356	5555	-1238	18069	0	18069	2347	390	20806	50.01
9	5653	429	290	6372	1584	4434	0	744	6559	6676	-1666	17729	0	17729	2630	415	20774	50.08
10	5747	485	283	6515	1508	4177	0	997	6929	6777	-1792	17757	0	17757	2931	425	21113	50.03
11	5713	535	283	6531	1527	4127	0	1084	6708	6721	-1863	17702	0	17702	3127	425	21254	49.92
12	5896	457	270	6623	1481	4046	0	1131	6915	6802	-1935	17725	0	17725	3181	423	21329	50.04
13	5731	334	282	6347	1506	3923	0	1228	6925	6787	-1856	17528	0	17528	3091	407	21026	50.02
14	5344	334	270	5948	1558	3902	0	1156	6896	6775	-1836	17110	0	17110	2963	392	20466	50.01
15	5746	322	282	6350	1535	4178	0	1140	6793	6694	-1976	17517	0	17517	2991	405	20912	50.02
16	5902	316	262	6480	1822	4354	0	960	6776	6295	-1918	17577	0	17577	2970	417	20963	50.02
17	5962	316	281	6559	2079	4263	0	634	6082	5885	-1656	17343	0	17343	2921	421	20685	50.01
18	6049	325	267	6641	2175	4285	0	273	6023	5857	-1662	17142	0	17142	2863	426	20432	50.02
19	6035	638	269	6942	1804	4579	0	57	5658	5772	-1620	17093	0	17093	2830	441	20364	50.00
20	6062	1372	280	7714	1299	5219	0	0	5496	5828	-1382	18243	0	18243	2823	435	21501	49.94
21	5942	1633	270	7845	1059	5303	0	0	5524	5577	-1263	18090	0	18090	2754	430	21275	50.00
22	5900	1365	282	7547	1112	5285	0	0	5339	5461	-1165	17832	0	17832	2628	408	20868	49.98
23	5864	985	270	7119	1140	5296	0	0	5308	5463	-1123	17517	0	17517	2538	378	20433	49.99
24	5858	443	283	6584	1158	5279	0	0	5405	5411	-1139	16931	0	16931	2463	361	19756	50.02
MUs	141.12	14.95	6.71	162.78	33.83	114.76	0.00	9.89	137.35	137.03	-33.34	415.65	0.00	415.65	63.13	9.30	488.08	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 28/Jun/2022

Position as on 6.30 Hrs of 29/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	04/07/2022
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
IPP	Adani U-2	660	25/06/2022	04:18		Continued.	Stator Earth Fault (Converted into AOH from 00:00Hrs dt.01/07/2022.	22/07/2022
MSPGCL	Koyna Unit 6	80	28/06/2022	13:20		Continued.	enjector replacement	01/07/2022
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09	28/06/2022	23:48	No PPA.	25/06/2022
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	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	01/09/2022
MSPGCL	Chandrapur Unit 7	500	15/06/2022	05:01		Continued.	Turbine Gland steam temperature not maintained	18/07/2022
MSPGCL	Ghatghar Unit-2	125	18/06/2022	10:00		Continued.	for Hydraulic Intake Gate Work	07/07/2022
MSPGCL	Uran Unit B0	120	24/06/2022	06:28		Continued.	Excitation channel fault(Converted to Gas Shortage from 26-06-22)	
MSPGCL	Uran Unit 8	108	24/06/2022	15:33		Continued.	Gas shortage	
MSPGCL	Koradi Unit 9	660	27/06/2022	13:45		Continued.	Air Filter Problem	04/07/2022
MSPGCL	Nasik Unit 4	210	28/06/2022	03:12	29/06/2022	11:38	Boiler Tube Leakage	30/06/2022
MSPGCL	Chandrapur Unit 4	210	28/06/2022	03:15	28/06/2022	09:33	Jacking oil pipe line puncture	28/06/2022
IPP	SWPGPL U-1	135	29/06/2022	00:51		Continued.	Turbine vibration	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 28/Jun/2022

Position as on 6.30 Hrs of 29/Jun/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 6	250	29/06/2022	02:28	29/06/2022	06:37	Furnace pressure high	
MSPGCL	Koradi Unit-10	660	29/06/2022	09:16	29/06/2022	13:53	ELETRICAL FAULT	
MSPGCL	Bhusawal Unit 5	500	29/06/2022	12:09		Continued.	CLINKER FORMATION	01/07/2022

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Jun/2022

Statement-VII

Position as on 6.30 Hrs of 29/Jun/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 (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 - KHANDWA CKT - 1	InterState	28/06/2022	11:49	28/06/2022	17:56	HT	Replacement of disconnected R-ph wave trap string at Dhule end
THAPTI TANDA - WALUJ	IntraState	28/06/2022	10:06	28/06/2022	19:20	EO	To attend Hot Spot at Loc no.438; R-phase; ThaptiTanda side jumper; Temp 97.3 Deg Celcius.
NEW KOYNA - DABHOL CKT - 1	IntraState	29/06/2022	12:14	29/06/2022	18:33	EO	Replacement of Faulty Insulators strings of Y.Ph. At loc.no. 31
TAPTITANDA - EKTUNI CKT - 2	IntraState	29/06/2022	12:40	29/06/2022	17:06	PO	Relay Testing work & Quarterly maintenance work.
400 KV ICT Outages/Trippings							
400/220/33 KV 500 MVA ICT - 3 @ JEJURI	IntraState	29/06/2022	08:07	29/06/2022	12:55	T	TRIPPED ON OLTC BUCHOLZ RELAY
220 KV TBC Outages/Trippings							
BUS COUPLER @ PHURSUNGI	IntraState	29/06/2022	14:42	29/06/2022	20:00	PO	Replacement of 800/1A CT's by 1600-800/1A CT's of 220kV Bus Coupler bay along with twin jumpering work from 29A to CB to CT.
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.
TATA BORIVLI MSETCL BORIVLI - 4	IntraState	27/06/2022	10:00		Continued.	PO	PROJECT WORK-CRP REPLACEMENT AT MSETCL END
KALWA - PANCHANAND	IntraState	28/06/2022	08:42	28/06/2022	20:40	PO	220 KV Road side Auxiliary bus(C BUS) conductor replacement work.
APTA - KALWA	IntraState	28/06/2022	08:44	28/06/2022	19:08	PO	220 KV Road side Auxiliary bus(C BUS) conductor replacement work.
LAMBOTI - TULJAPUR CKT - 1	IntraState	28/06/2022	10:12	28/06/2022	15:03	PO	Outage is required for 1. Fixing of Bird Diverter at loc no.17-18-19-20. 2. Replacement of Flashover string at Loc no.39 - R ph (Tuljapur side).
ALKUD - VITA	IntraState	28/06/2022	10:45	28/06/2022	18:28	PO	Quarterly maintenance & diagnostic testing work
MHAISHAL- JATH	IntraState	28/06/2022	11:35	28/06/2022	13:01	PO	Tree cutting at Loc No.28
ALEPHATA-PARGAON(KATHAPUR)	IntraState	28/06/2022	12:07	28/06/2022	15:13	EO	replacement of Jaw and alignment of 29 D isolator of alephata bay
LAMBOTI - PANDHARPUR	IntraState	29/06/2022	10:08	29/06/2022	15:40	PO	Routine maintenance work.
NAGOTHANE - ACCIL	IntraState	29/06/2022	11:10	29/06/2022	16:31	PO	Replacement of flashover polymer insulator at Loc no. 490
Aux Bus @ SOUTH SOLAPUR (KUMBHARI)	IntraState	29/06/2022	14:38	29/06/2022	18:12	PO	Outage is required for Quarterly Maintenance
220 KV ICT Outages/Trippings							

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 28/Jun/2022

Statement-VII

Position as on 6.30 Hrs of 29/Jun/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
220/100 KV 200 MVA ICT 3 @ KALWA	IntraState	28/06/2022	08:51			PO	220 KV Road side Auxiliary bus(C BUS) conductor replacement work.
220/132KV 200MVA ICT 1 @ KURKUMBH	IntraState	29/06/2022	11:35	29/06/2022	17:00	PO	RELAY TESTING 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 - MANKHURD	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringing of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shifting 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-Stringing of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shifting these lines on new Multicircuit Towers between Darave to Vashi.
KALWA KALYAN	IntraState	29/06/2022	07:09	29/06/2022	18:33	PO	Tower Erection at Runwal Garden Project- Line Diversion for customer funded projects

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