

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Jun/2022 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	160.550	2152.812	1) Gujrat	-5.255	-82.258
2) Hydro	11.159	163.299	2) Madhya Pradesh	3.324	46.316
3) Gas	3.445	61.617	3) Chattisgarh	2.940	29.510
Total MSPGCL	175.154	2377.728	4) Maharashtra	154.539	2220.311
B) 1) APLM	70.925	922.338	5) Goa (Amona)	-0.993	-12.235
2) JSWEL	19.406	224.358	Total	154.555	2201.644
3) VIPL	0.000	0.000	a) Mumbai Schedule	36.882	444.424
4) RPL(AMT)	26.625	321.025	b) Mumbai Drawl	38.928	488.176
5) SWPGPL	7.110	106.094	c) MSEDCL Bilateral *	51.189	919.148
6) Other IPP	13.193	190.196	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	36.873	444.215
C) 1) TPCL Thermal	15.293	199.538	Include PX	0.000	0.000
2) TPCL Hydro	4.552	63.964	Standby	0.010	0.209
3) TPCL Gas	1.975	21.058	H) ENERGY CATERED (MUs)		
4) AEML Thermal	6.489	137.318	1) MSEDCL	450.847	6202.459
D) STATE			2) Mumbai Discoms	67.237	910.057
1) Thermal	319.591	4253.679	3) Other Discoms	9.401	122.463
(A1+C1+C4+(B1-B6))			TOTAL STATE	527.485	7234.979
2) Hydro (A2+C2)	15.711	227.263			
3) Gas (A3+B7+C3)	5.420	82.675			
4) Wind	21.872	346.363			
6) SOLAR	10.336	123.352			
TOTAL STATE	372.930	5033.332			

* 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 4 Hrs
MSPGCL Thermal	6649	6785	6939	6605
MSPGCL Hydro	446	412	1078	286
MSPGCL Gas	140	138	141	145
MSPGCL Total Generation	7234	7336	8158	7036
Central Sector Receipt	7913	7711	5863	5278
WIND	461	628	1530	885
CPP / IPP Thermal	5127	5968	5997	5780
CPP / IPP Gas	0	0	0	0
SOLAR	1376	825	0	0
Exchange with Mumbai	-2249	-2182	-1623	-1042
MSEDCL DEMAND MET	19440	19852	19473	17636
Load Shedding	0	0	0	0
MSEDCL DEMAND	19440	19852	19473	17636
TPCL GENERATION	831	920	1114	860
AEML GENERATION	221	236	248	241
MUMBAI DEMAND	3301	3338	2985	2143
OTHER DISCOM DEMAND	423	434	452	301
STATE DEMAND MET	23164	23624	22910	20080
STATE DEMAND	23164	23624	22910	20080
Frequency (Hz)	49.88	49.79	49.97	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.08 Hz at 08.20 Hrs	49.48 Hz at 16.44 Hrs	49.91	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 13/Jun/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.58	55.40	185	0
Unit 7	0.00	0.00	0	0
Unit 8	10.62	168.95	505	390
Unit 9	10.15	154.40	475	384
Unit 10	10.88	157.77	515	410
Total	35.23	536.51		
Bhusawal				
Unit 3	3.42	43.56	160	120
Unit 4	10.85	133.98	465	380
Unit 5	10.65	115.11	465	365
Total	24.92	292.65		
Parli				
Unit 6	4.71	61.88	250	150
Unit 7	4.38	54.51	238	148
Unit 8	3.18	40.62	141	127
Total	12.27	157.01		
Chandrapur				
Unit 3	3.29	37.19	160	120
Unit 4	2.99	39.17	129	115
Unit 5	8.71	110.22	375	315
Unit 6	9.35	118.48	406	310
Unit 7	8.07	104.19	350	320
Unit 8	10.28	139.09	470	407
Unit 9	4.74	89.57	418	0
Total	47.42	637.90		
Paras				
Unit 3	4.62	63.08	224	141
Unit 4	4.83	57.86	227	152
Total	9.45	120.95		
Khaparkheda				
Unit 1	3.03	40.70	150	100
Unit 2	3.16	45.60	150	110
Unit 3	4.26	53.20	185	164
Unit 4	0.00	13.16	0	0
Unit 5	10.47	140.27	475	393
Total	20.91	292.92		
Nasik				
Unit 3	3.66	49.29	184	120
Unit 4	3.36	34.84	182	117
Unit 5	3.32	30.75	172	116
Total	10.34	114.87		
Uran				
All Units	3.44	61.62	160	131
Total	3.44	61.62		
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)	0.23	3.90	26	0
Total	0.23	3.90		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.44	39.40	485	40
Stage 4	0.71	28.81	431	0
Stage 3	0.78	16.56	80	0
Total	4.93	84.77		
Hydro				
KDPH	0.49	6.60	21	21
VTRNA	0.00	0.00	0	0
TILLARI	0.32	1.76	58	0
BHIRA T.R.	0.16	3.74	77	0
SMLHY_PTN	5.03	61.52	216	201
GHATGHAR	0.00	1.01	0	0
Total	6.00	74.63		
Wind				
Total	21.87	346.36	0	0
Total	21.87	346.36		
CPP				
APML(Mus)	70.92	922.34	0	0
JSWEL(Mus)	19.41	224.36	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	26.62	321.02	0	0
SWPGPL-Mus	7.11	106.09	0	0
Other(Mus)	13.19	190.20	0	0
Total	137.26	1764.01		
SOLAR				
Total	10.34	123.35	0	0
Total	10.34	123.35		
Tata				
Trombay 5	9.92	129.68	453	269
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.07	13.38	49	43
Trombay 7B	0.91	7.68	41	36
TATA Hydro	4.55	63.96	366	23
Trombay 8	5.37	69.86	238	173
Total	21.82	284.56		
AEMIL				
DTPS U-1&2	6.49	137.32	499	221
Total	6.49	137.32		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	160.55	2152.81	MSPGCL Total	175.15	2377.73
			MSPGCL Thml+Gas	164.00	2214.43	Koyna 1,2 & 4 Total	4.15	68.21
			MSPGCL Hydro	11.16	163.30	State Total	372.93	5033.33

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 13/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	6932	286	160	7378	862	5943	0	0	5808	5267	-1347	17772	0	17772	2589	330	20691	49.92
2	6899	272	145	7316	1062	5930	0	0	5658	5089	-1219	17875	0	17875	2405	303	20583	49.89
3	6770	286	145	7202	914	5857	0	0	5335	5097	-1127	17641	0	17641	2254	301	20196	49.93
4	6605	286	145	7036	885	5780	0	0	4833	5278	-1042	17636	0	17636	2143	301	20080	49.95
5	6557	276	155	6988	972	5749	0	0	5302	5524	-1047	17871	0	17871	2087	316	20274	49.94
6	6593	370	145	7108	848	5631	0	0	6061	5800	-1064	17996	0	17996	2130	327	20453	49.91
7	6653	448	145	7246	623	5871	0	94	6195	6164	-1236	18373	0	18373	2175	389	20938	49.85
8	6606	724	143	7474	356	5302	0	351	6690	6710	-1500	18293	0	18293	2313	399	21005	49.87
9	6618	412	143	7172	332	5187	0	748	7299	7365	-1703	18690	0	18690	2629	411	21731	50.03
10	6470	404	153	7028	534	5018	0	1113	8092	7312	-1939	18659	0	18659	2979	407	22045	50.00
11	6217	488	140	6846	538	4884	0	1303	8303	8027	-2166	19024	0	19024	3219	407	22650	49.90
12	6649	446	140	7234	461	5127	0	1376	8421	7913	-2249	19440	0	19440	3301	423	23164	49.88
13	6499	354	140	6992	558	5842	0	1257	7938	7384	-2140	19486	0	19486	3285	408	23179	49.95
14	6442	326	139	6906	499	5603	0	1298	7767	7650	-2034	19500	0	19500	3203	422	23125	49.94
15	6672	400	139	7212	540	5752	0	1100	7985	7821	-2105	19897	0	19897	3274	422	23593	49.87
16	6785	412	138	7336	628	5968	0	825	7892	7711	-2182	19852	0	19852	3338	434	23624	49.79
17	6790	296	138	7224	1080	5983	0	548	7480	7221	-2112	19506	0	19506	3276	439	23221	49.72
18	6413	436	140	6990	1627	5441	0	285	7341	7133	-1958	19063	0	19063	3196	455	22714	49.89
19	6777	482	131	7390	1664	5367	0	38	6347	6259	-1725	18551	0	18551	3031	442	22024	49.99
20	6939	1078	141	8158	1530	5997	0	0	5548	5863	-1623	19473	0	19473	2985	452	22910	49.97
21	6985	1054	141	8180	1418	6246	0	0	5386	5226	-1486	19144	0	19144	2904	440	22488	49.98
22	6893	392	142	7426	1418	6201	0	0	5823	5493	-1312	18819	0	18819	2817	407	22043	49.91
23	6893	538	153	7584	1258	6277	0	0	5687	5682	-1282	19137	0	19137	2827	383	22347	49.81
24	6893	690	144	7728	1265	6302	0	0	5790	5566	-1330	19148	0	19148	2877	383	22408	49.85
MUs	160.55	11.16	3.44	175.15	21.87	137.26	0.00	10.34	158.98	154.56	-38.93	450.85	0.00	450.85	67.24	9.40	527.48	49.91

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 13/Jun/2022

Position as on 6.30 Hrs of 14/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	
MSPGCL	Koyna STG-IV Unit-2	250	13/06/2022	00:00		Continued.	Commissioning and installation of New TSLG governor	30/06/2022
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	
IPP	RPL(AMT) U-4	270	31/05/2022	01:15	13/06/2022	17:41	Ash Conveyer problem.(Coal shortage From Dt 02.06.2022 @	13/06/2022
MSPGCL	Koyna Unit 12	80	09/06/2022	07:40		Continued.	TO ATTEND BUTTERFLY VALVE PROBLEM.	
MSPGCL	Chandrapur Unit 9	500	09/06/2022	08:46	13/06/2022	08:17	Boiler Tube Leakage	13/06/2022
IPP	SWPGPL U-4	135	10/06/2022	23:00	13/06/2022	13:09	Boiler Bottom Ash System problem.	13/06/2022
MSPGCL	Uran Unit 5	108	11/06/2022	14:29		Continued.	Gas shortage	
AEML	AEML Unit 1	250	11/06/2022	23:53	13/06/2022	02:09	Boiler Tube Leakage	13/06/2022
MSPGCL	Ghatghar Unit-2	125	12/06/2022	11:45		Continued.	CW Pump having heavy Vibration and Water leakage.	
MSPGCL	Uran Unit 6	108	13/06/2022	00:25		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	13/06/2022	00:25		Continued.	Gas shortage	
MSPGCL	Koradi Unit 6	210	13/06/2022	10:17	13/06/2022	13:01	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Jun/2022

Statement-VII

Position as on 6.30 Hrs of 14/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							
DHULE - SSNNL CKT - 2	InterState	12/06/2022	18:02	13/06/2022	13:45	T	TRIPPED ON DISTANCE PROTECTION
DHULE - SSNNL CKT - 1	InterState	12/06/2022	19:27	13/06/2022	17:27	T	TRIPPED ON DISTANCE PROTECTION
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	08/06/2022	16:32			HT	Load management
MAIN BUS - 1 @ KARAD	IntraState	13/06/2022	12:28	13/06/2022	18:42	PO	During PID testing of 400 kV Bus I gantry Disc Insulator strings in May-2022,it is observed that 03 Nos of Disc Insulator strings found faulty.Above faulty Disc Insulator strings are to be replaced by Outside agency i.e. M/s Konkan malleable Industries,Pune
BUS COUPLER @ LONIKAND-1	IntraState	13/06/2022	19:09	14/06/2022	04:50	EO	To attend hotspots on 29A Y ph (temp:158deg) and B ph (temp:>160deg)
400 KV ICT Outages/Trippings							
400/220 KV 3X105 MVA ICT - 2 @ NAGOTHANE	IntraState	06/06/2022	12:33			PO	For CB replacement work. ICT will be in service through TBC.
400/220/33 KV 500 MVA ICT - 3 @ DHULE	IntraState	13/06/2022	20:05	14/06/2022	05:35	T	TRIPPED ON NDR
400 KV BR Outages/Trippings							
400/220 125MVar BUS REACTOR @ LAMBOTI	IntraState	13/06/2022	11:02	13/06/2022	13:30	PO	Diagnostic Testing Work
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) .
THEUR-JEJURI	IntraState	09/06/2022	09:20	13/06/2022	16:09	PO	1)L.N.-9 old tower dismantling work , Errection of New tower, Destrining between L.N.- 8 to 9 & 9 to 10 , Stringing between L.N.- 8 to 9 & 9 to 10 (As L.N.- 9 bended & new tower foundation work completed) 2)L.N.-11, B, Pahgse,L.N.-18, B Phase, L.N.-21, B Phase 220 kV Jejuri Phursungi ckt I Double Jump ring work due to Hot spot Restrining between L.N.- 70 to 76 & 76 to 79 of 220 kV Theur Jejuri due to increased sag & ground clearance reduced
SALSETTE - SAKI -7	IntraState	13/06/2022	00:04	13/06/2022	02:10	PO	for attending Hot Spot at Salsette
BUS SECTION - 1 @ BIDRI	IntraState	13/06/2022	09:35	13/06/2022	17:55	PO	QMW
PHURSUNGI-PARVATI	IntraState	13/06/2022	10:18			PO	CB overhauling work
AAREY - AEML SAKI CKT - 2	IntraState	13/06/2022	10:31			PO	Repair / restoration of 220 kV R-Phase cable with additional Joint.
TILLARI - AMONA LINE	IntraState	13/06/2022	12:50	13/06/2022	14:30	T	TRIPPED ON DISTANCE PROTECTION
APTA - KALWA	IntraState	13/06/2022	16:02	13/06/2022	17:36	EO	Removal of Neelgiri tree found tilt in between Loc. No. 77 & 78.
BUS SECTION BREAKER-3 @ TROMBAY	IntraState	13/06/2022	17:07	13/06/2022	17:24	EO	RAISING SF6 GAS PRESSURE
NEW KOYNA - LOTEPARSHURAM	IntraState	13/06/2022	17:40	13/06/2022	21:46	EO	For attending hotspot at loc no.00 & 01

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 13/Jun/2022

Statement-VII

Position as on 6.30 Hrs of 14/Jun/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
220/33kV 125 MVA TF 1 @ GORAI	IntraState	13/06/2022	09:42	13/06/2022	16:46	PO	Pre monsoon activities and annual maintenance.
220/33kV 125 MVA TF 2 @ BORIVALI (AEML)	IntraState	13/06/2022	10:42	13/06/2022	12:37	PO	Checking and attending issue of "CB Trip circuit supervision relay" not getting resetted as Negative supply of TC-1 is not getting extended from CB compartment of 220kV GIS to LCC.
PT BAY NO.1 @ BHOSARI	IntraState	13/06/2022	11:22	13/06/2022	17:10	PO	Tan delta testing of PT and maintenance work
220/22 KV 50 MVA PTR 1 @ KALWA	IntraState	13/06/2022	11:35	13/06/2022	15:00	PO	Outage required for Safety precaution for firewall construction work.
220/33kV 100 MVA TF 3 @ GHODBUNDER	IntraState	13/06/2022	14:43	13/06/2022	16:03	PO	For completing Pre monsoon activities
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-Stringing 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-Stringing of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shifting these lines on new Multicircuit Towers between Darave to Vashi.

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