

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Jun/2022 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	148.402	1992.262	1) Gujrat	-8.917	-77.003
2) Hydro	9.618	152.140	2) Madhya Pradesh	2.942	42.992
3) Gas	6.653	58.172	3) Chattisgarh	3.290	26.570
Total MSPGCL	164.673	2202.574	4) Maharashtra	155.404	2065.772
B) 1) APLM	61.666	851.413	5) Goa (Amona)	-0.407	-11.242
2) JSWEL	16.946	204.952	Total	152.312	2047.089
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.296	407.542
4) RPL(AMT)	20.800	294.400	b) Mumbai Drawl	30.018	449.248
5) SWPGPL	6.128	98.984	c) MSEDCL Bilateral *	55.332	867.958
6) Other IPP	12.369	177.003	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.296	407.343
C) 1) TPCL Thermal	15.624	184.245	Include PX	0.000	0.000
2) TPCL Hydro	2.688	59.412	Standby	0.000	0.199
3) TPCL Gas	2.140	19.083	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.873	130.829	1) MSEDCL	423.880	5751.612
D) STATE			2) Mumbai Discoms	56.343	842.820
1) Thermal	287.808	3934.088	3) Other Discoms	8.810	113.062
(A1+C1+C4+(B1-B6))			TOTAL STATE	489.033	6707.494
2) Hydro	12.306	211.552			
(A2+C2)					
3) Gas	8.793	77.255			
(A3+B7+C3)					
4) Wind	19.713	324.491			
6) SOLAR	8.101	113.016			
TOTAL STATE	336.721	4660.402			

* 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 4 Hrs
MSPGCL Thermal	5376	5815	6855	6366
MSPGCL Hydro	370	330	818	236
MSPGCL Gas	266	262	283	276
MSPGCL Total Generation	6012	6406	7956	6878
Central Sector Receipt	8144	7493	5192	5620
WIND	720	1313	1068	567
CPP / IPP Thermal	3829	3955	5396	5509
CPP / IPP Gas	0	0	0	0
SOLAR	1203	829	0	0
Exchange with Mumbai	-1383	-1400	-1284	-1011
MSEDCL DEMAND MET	18154	18231	17922	17265
Load Shedding	0	0	0	0
MSEDCL DEMAND	18154	18231	17922	17265
TPCL GENERATION	777	755	926	874
AEML GENERATION	246	244	245	244
MUMBAI DEMAND	2406	2399	2455	2129
OTHER DISCOM DEMAND	371	366	407	298
STATE DEMAND MET	20931	20996	20783	19693
STATE DEMAND	20931	20996	20783	19693
Frequency (Hz)	49.97	49.98	49.95	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.16 Hz at 09.31 Hrs	49.68 Hz at 22.11 Hrs	49.98	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 12/Jun/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.96	51.82	185	125
Unit 7	0.00	0.00	0	0
Unit 8	12.26	158.32	577	409
Unit 9	10.30	144.25	479	376
Unit 10	11.10	146.90	515	380
Total	37.62	501.28		
Bhusawal				
Unit 3	3.28	40.14	165	120
Unit 4	9.32	123.14	475	280
Unit 5	8.93	104.46	460	280
Total	21.53	267.73		
Parli				
Unit 6	4.33	57.17	250	146
Unit 7	4.13	50.13	230	144
Unit 8	3.19	37.44	137	128
Total	11.65	144.74		
Chandrapur				
Unit 3	3.06	33.90	131	121
Unit 4	2.97	36.18	133	118
Unit 5	7.87	101.51	365	285
Unit 6	8.23	109.12	400	280
Unit 7	6.74	96.11	344	0
Unit 8	10.54	128.82	472	318
Unit 9	0.00	84.83	0	0
Total	39.41	590.47		
Paras				
Unit 3	4.11	58.47	206	143
Unit 4	4.32	53.03	221	139
Total	8.42	111.50		
Khaparkheda				
Unit 1	2.86	37.67	145	90
Unit 2	3.28	42.44	155	120
Unit 3	3.57	48.94	180	125
Unit 4	0.00	13.16	0	0
Unit 5	10.02	129.80	475	300
Total	19.73	272.01		
Nasik				
Unit 3	4.05	45.63	192	123
Unit 4	3.72	31.47	187	132
Unit 5	2.26	27.43	180	0
Total	10.03	104.53		
Uran				
All Units	6.65	58.17	297	262
Total	6.65	58.17		
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)	0.17	3.66	20	0
Total	0.17	3.66		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.51	35.96	395	40
Stage 4	1.04	28.09	376	0
Stage 3	0.36	15.79	80	0
Total	3.91	79.84		
Hydro				
KDPH	0.49	6.11	21	21
VTRNA	0.00	0.00	0	0
TILLARI	0.32	1.44	58	0
BHIRA T.R.	0.23	3.58	70	0
SMLHY_PTN	4.50	56.49	204	170
GHATGHAR	0.00	1.01	0	0
Total	5.54	68.63		
Wind				
Total	19.71	324.49	0	0
Total	19.71	324.49		
CPP				
APML(Mus)	61.67	851.41	0	0
JSWEL(Mus)	16.95	204.95	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	20.80	294.40	0	0
SWPGPL-Mus	6.13	98.98	0	0
Other(Mus)	12.37	177.00	0	0
Total	117.91	1626.75		
SOLAR				
Total	8.10	113.02	0	0
Total	8.10	113.02		
Tata				
Trombay 5	10.06	119.75	456	328
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.17	12.31	50	47
Trombay 7B	0.97	6.78	41	39
TATA Hydro	2.69	59.41	349	0
Trombay 8	5.57	64.49	240	203
Total	20.45	262.74		
AEML				
DTPS U-1&2	5.87	130.83	250	235
Total	5.87	130.83		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	148.40	1992.26	MSPGCL Total	164.67	2202.57
			MSPGCL Thml+Gas	155.06	2050.43	Koyna 1,2 & 4 Total	3.55	64.06
			MSPGCL Hydro	9.62	152.14	State Total	336.72	4660.40

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 12/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	6109	332	278	6720	866	5915	0	0	5674	5699	-1231	17621	0	17621	2484	348	20452	49.92
2	6255	614	297	7166	783	5894	0	0	5093	5233	-1145	17618	0	17618	2345	313	20275	49.99
3	6343	286	275	6904	741	5874	0	0	5719	5288	-1055	17436	0	17436	2213	316	19965	49.92
4	6366	236	276	6878	567	5509	0	0	5976	5620	-1011	17265	0	17265	2129	298	19693	49.92
5	6501	300	296	7098	416	5718	0	0	5437	5529	-964	17482	0	17482	2085	315	19881	49.91
6	6428	250	276	6954	352	5818	0	0	6159	6054	-963	17878	0	17878	2092	337	20308	49.94
7	6386	270	285	6942	342	5327	0	78	6816	6752	-1007	18066	0	18066	2059	368	20493	49.99
8	6232	258	286	6776	421	5025	0	289	6616	6455	-1059	17526	0	17526	2080	381	19987	50.03
9	5780	496	275	6550	667	4441	0	573	6844	6981	-1141	17681	0	17681	2171	390	20243	50.05
10	5799	510	284	6592	774	4195	0	846	7318	7014	-1225	17790	0	17790	2269	406	20466	50.07
11	5766	348	275	6388	717	4103	0	1129	7749	7161	-1332	17771	0	17771	2374	396	20540	50.02
12	5376	370	266	6012	720	3829	0	1203	8005	8144	-1383	18154	0	18154	2406	371	20931	49.97
13	5658	338	295	6290	705	3791	0	1098	7880	7797	-1407	17907	0	17907	2413	367	20688	49.99
14	5810	356	273	6440	816	4013	0	1048	7834	7389	-1357	17985	0	17985	2377	364	20726	50.03
15	5815	330	262	6406	1313	3955	0	829	7952	7493	-1400	18231	0	18231	2399	366	20996	49.98
16	5836	294	271	6402	1434	3979	0	512	7465	7163	-1405	17709	0	17709	2430	376	20514	50.02
17	5436	250	272	5958	1506	3812	0	348	7073	7093	-1383	16947	0	16947	2396	387	19730	50.01
18	5648	572	262	6482	1400	3773	0	125	6503	6657	-1349	16689	0	16689	2360	399	19448	50.02
19	5962	604	273	6838	1179	3991	0	23	6258	6508	-1442	16691	0	16691	2336	406	19433	50.01
20	6855	818	283	7956	1068	5396	0	0	5356	5192	-1284	17922	0	17922	2455	407	20783	49.95
21	7085	586	262	7932	882	5696	0	0	5018	4985	-1399	17702	0	17702	2565	395	20662	49.91
22	7016	446	274	7736	692	5913	0	0	5137	5111	-1366	17693	0	17693	2589	393	20675	49.92
23	7011	392	273	7676	659	5976	0	0	5378	5403	-1300	18046	0	18046	2615	369	21029	49.87
24	6929	360	284	7574	693	5966	0	0	5911	5591	-1410	18071	0	18071	2701	343	21114	49.98
MUs	148.40	9.62	6.65	164.67	19.71	117.91	0.00	8.10	155.17	152.31	-30.02	423.88	0.00	423.88	56.34	8.81	489.03	49.98

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 12/Jun/2022

Position as on 6.30 Hrs of 13/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 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	
IPP	RPL(AMT) U-4	270	31/05/2022	01:15		Continued.	Ash Conveyer problem.(Coal shortage From Dt 02.06.2022 @	
MSPGCL	Nasik Unit 5	210	08/06/2022	18:18	12/06/2022	08:31	ID Fan Problem	11/06/2022
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		Continued.	Boiler Bottom Ash System problem.	13/06/2022
MSPGCL	Chandrapur Unit 7	500	11/06/2022	07:00	12/06/2022	01:05	Air heater problem	12/06/2022
MSPGCL	Uran Unit 5	108	11/06/2022	14:29		Continued.	Gas shortage	
AEML	AEML Unit 1	250	11/06/2022	23:53		Continued.	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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Jun/2022

Statement-VII

Position as on 6.30 Hrs of 13/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	11/06/2022	19:42	12/06/2022	00:20	T	Tripped on Distance Protection.
DHULE - KHANDWA CKT - 2	InterState	12/06/2022	13:55	12/06/2022	18:22	HT	EMERGENCY OUTAGE AVAILED TO REPLACED FLASHOVER INSULATOR STRING REPLACEMENT
DHULE - SSNNL CKT - 2	InterState	12/06/2022	18:02			T	TRIPPED ON DISTANCE PROTECTION
DHULE - SSNNL CKT - 1	InterState	12/06/2022	19:27			T	TRIPPED ON DISTANCE PROTECTION
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	08/06/2022	16:32			HT	Load management
KHARGHAR - TALEGAON (PG)	IntraState	12/06/2022	06:58	12/06/2022	18:10	HT	PLAN OUTAGE AVAILED FOR SSN TO DSN AND CHEMICAL WASHING WORK
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.
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			PO	1)L.N.-9 old tower dismantling work , Errection of New tower, Destringing 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 Restrtring between L.N.- 70 to 76 & 76 to 79 of 220 kV Theur Jejuri due to increased sag & ground clearance reduced
BOISAR II - BOISAR (PG) CKT - 1	IntraState	11/06/2022	10:29	12/06/2022	22:13	PO	220kV PGCIL Line 1 Bay Strengthening at 220kV Boisar 2 S/s (MSETCL).
KALWA SALSETTE - 4	IntraState	12/06/2022	01:14	12/06/2022	03:50	EO	Emergency outage for replacing C Phase insulator.
SATANA - GANGAPUR	IntraState	12/06/2022	05:50	12/06/2022	07:55	T	Tripped on DP
BABLESHWAR -BHENDA	IntraState	12/06/2022	18:40	12/06/2022	20:00	EO	nut bolt tightening of B and Y ph jumper at loc no 89 will be carried out for Preventive B/Dn maintenance of
AURANGABAD (WALUJ)-BHENDA	IntraState	12/06/2022	20:33	12/06/2022	22:46	EO	nut bolt tightening of B and Y ph jumper at loc no 89 will be carried out for Preventive B/Dn maintenance of line.
SALSETTE - SAKI -7	IntraState	13/06/2022	00:04	13/06/2022	02:10	PO	for attending Hot Spot at Salsette
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
220/22 KV 50 MVA PTR 3 @ BHANDUP GIS	IntraState	12/06/2022	07:08	12/06/2022	08:08	PO	For plastic wrapping of meters/panels

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Jun/2022

Statement-VII

Position as on 6.30 Hrs of 13/Jun/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/22 KV 50 MVA PTR 2 @ BHANDUP GIS	IntraState	12/06/2022	08:32	12/06/2022	09:12	PO	For plastic wrapping of meters & panels.
220/22 KV 50 MVA PTR 1 @ BHANDUP GIS	IntraState	12/06/2022	09:15	12/06/2022	09:59	PO	For plastic wrapping of meters & panels
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