

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Jul/2022 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	107.588	1153.629	1) Gujrat	-11.470	-92.634
2) Hydro	8.646	98.950	2) Madhya Pradesh	4.364	44.573
3) Gas	3.224	42.842	3) Chattisgarh	3.850	34.110
Total MSPGCL	119.458	1295.421	4) Maharashtra	143.972	1400.058
B) 1) APML	38.776	434.304	5) Goa (Amona)	-1.641	-11.444
2) JSWEL	14.591	127.995	Total	139.075	1374.663
3) VIPL	0.000	0.000	a) Mumbai Schedule	32.676	298.817
4) RPL(AMT)	22.933	174.969	b) Mumbai Drawl	35.901	325.995
5) SWPGPL	8.420	70.502	c) MSEDCL Bilateral *	80.063	695.368
6) Other IPP	6.711	68.864	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	32.676	296.774
C) 1) TPCL Thermal	9.630	80.610	Include PX	0.000	0.000
2) TPCL Hydro	3.141	27.665	Standby	0.000	2.044
3) TPCL Gas	0.000	6.389	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.285	93.178	1) MSEDCL	366.020	3595.199
D) STATE			2) Mumbai Discoms	57.958	533.839
1) Thermal	217.934	2204.051	3) Other Discoms	8.770	80.124
(A1+C1+C4+(B1-B6))			TOTAL STATE	432.748	4209.162
2) Hydro	11.787	126.615			
(A2+C2)					
3) Gas	3.224	49.231			
(A3+B7+C3)					
4) Wind	56.459	393.262			
6) SOLAR	4.268	61.338			
TOTAL STATE	293.672	2834.497			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4967	4311	4487	4322
MSPGCL Hydro	265	488	502	270
MSPGCL Gas	138	138	138	139
MSPGCL Total Generation	5370	4937	5127	4731
Central Sector Receipt	6913	6582	6273	4456
WIND	2018	2187	2915	2539
CPP / IPP Thermal	4030	3684	3886	3688
CPP / IPP Gas	0	0	0	0
SOLAR	481	572	0	0
Exchange with Mumbai	-1710	-1879	-1687	-972
MSEDCL DEMAND MET	16711	15707	16106	14170
Load Shedding	0	0	0	0
MSEDCL DEMAND	16711	15707	16106	14170
TPCL GENERATION	518	485	597	546
AEML GENERATION	414	496	363	351
MUMBAI DEMAND	2642	2860	2647	1869
OTHER DISCOM DEMAND	391	376	408	272
STATE DEMAND MET	19744	18943	19161	16311
STATE DEMAND	19744	18943	19161	16311
Frequency (Hz)	50.05	49.98	49.98	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.28 Hz at 13:05 Hrs	49.69 Hz at 13:43 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 09/Jul/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.08	19.19	150	105
Unit 7	0.00	0.00	0	0
Unit 8	0.00	43.27	0	0
Unit 9	0.00	46.99	0	0
Unit 10	11.15	102.49	520	425
Total	14.24	211.95		
Bhusawal				
Unit 3	2.72	26.92	145	95
Unit 4	7.94	81.28	385	280
Unit 5	8.64	69.21	425	280
Total	19.31	177.41		
Parli				
Unit 6	4.14	44.72	224	149
Unit 7	3.83	38.86	216	140
Unit 8	0.00	0.00	0	0
Total	7.97	83.58		
Chandrapur				
Unit 3	0.87	20.97	85	0
Unit 4	1.52	23.30	82	50
Unit 5	7.18	65.03	330	275
Unit 6	5.64	58.66	265	190
Unit 7	0.00	0.00	0	0
Unit 8	9.52	90.73	425	352
Unit 9	10.01	90.60	459	377
Total	34.74	349.29		
Paras				
Unit 3	3.97	37.78	197	130
Unit 4	2.91	36.78	202	0
Total	6.88	74.56		
Khaparkheda				
Unit 1	2.26	25.42	105	80
Unit 2	1.94	26.58	100	70
Unit 3	0.22	24.91	86	0
Unit 4	0.00	0.00	0	0
Unit 5	10.17	89.75	460	290
Total	14.59	166.66		
Nasik				
Unit 3	3.33	33.14	180	126
Unit 4	3.29	30.35	160	123
Unit 5	3.24	26.69	155	121
Total	9.86	90.18		
Uran				
All Units	3.22	42.84	140	127
Total	3.22	42.84		
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)	0.13	1.34	26	0
Total	0.13	1.34		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.63	19.84	225	40
Stage 4	0.00	7.89	0	0
Stage 3	1.01	11.79	160	0
Total	2.64	39.51		
Hydro				
KDPH	0.00	0.65	0	0
VTRNA	0.35	5.91	61	0
TILLARI	0.46	2.82	58	0
BHIRA T.R.	0.40	2.63	80	0
SMLHY_PTN	4.65	46.09	230	160
GHATGHAR	0.00	0.00	0	0
Total	5.87	58.09		
Wind				
Total	56.46	393.26	0	0
Total	56.46	393.26		
CPP				
APML(Mus)	38.78	434.30	0	0
JSWEL(Mus)	14.59	128.00	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	22.93	174.97	0	0
SWPGPL-Mus	8.42	70.50	0	0
Other(Mus)	6.71	68.86	0	0
Total	91.43	876.63		
SOLAR				
Total	4.27	61.34	0	0
Total	4.27	61.34		
Tata				
Trombay 5	6.30	43.12	268	255
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	3.82	0	0
Trombay 7B	0.00	2.57	0	0
TATA Hydro	3.14	27.66	242	81
Trombay 8	3.33	37.50	162	134
Total	12.77	114.66		
AEML				
DTPS U-1&2	9.28	93.18	496	305
Total	9.28	93.18		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	107.59	1153.63	MSPGCL Total	119.46	1295.42
			MSPGCL Thml+Gas	110.81	1196.47	Koyna 1,2 & 4 Total	1.63	27.72
			MSPGCL Hydro	8.65	98.95	State Total	293.67	2834.50

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 09/Jul/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	4671	291	130	5092	2459	4000	0	0	4436	4449	-1121	14535	0	14535	2219	344	17098	50.04
2	4489	270	139	4898	2393	3737	0	0	4205	4355	-1034	14017	0	14017	2070	332	16419	50.02
3	4317	413	130	4860	2381	3664	0	0	4224	4504	-1041	14087	0	14087	1945	281	16313	49.96
4	4322	270	139	4731	2539	3688	0	0	4459	4456	-972	14170	0	14170	1869	272	16311	49.99
5	4333	267	140	4740	2492	3698	0	0	4764	4945	-923	14651	0	14651	1864	301	16816	50.03
6	4440	271	140	4851	2299	3592	0	3	5899	5932	-1091	15242	0	15242	1964	344	17550	50.04
7	4655	283	129	5067	2030	3818	0	30	6380	6268	-1127	15731	0	15731	2030	355	18116	50.01
8	4778	279	139	5196	1817	3829	0	151	6766	6941	-1282	16278	0	16278	2150	374	18802	50.01
9	4852	428	129	5409	1820	3946	0	333	6653	6878	-1539	16459	0	16459	2373	388	19220	50.02
10	4967	265	138	5370	2018	4030	0	481	6709	6913	-1710	16711	0	16711	2642	391	19744	50.05
11	4806	289	128	5223	2090	3966	0	572	6994	6851	-1850	16445	0	16445	2848	407	19700	50.07
12	4258	473	138	4869	2037	3709	0	550	7090	6843	-1922	15691	0	15691	2904	395	18990	49.95
13	4311	488	138	4937	2187	3684	0	572	6732	6582	-1879	15707	0	15707	2860	376	18943	49.98
14	4159	376	128	4663	2225	3651	0	458	6588	6503	-1757	15376	0	15376	2700	367	18443	50.09
15	4003	399	138	4540	2159	3244	0	463	6480	6713	-1865	14882	0	14882	2673	372	17927	50.00
16	3970	436	129	4535	2239	3337	0	328	6209	6412	-1825	14652	0	14652	2641	374	17667	49.91
17	4337	469	138	4944	2368	4096	0	213	5827	5739	-1828	15149	0	15149	2613	383	18145	50.03
18	4270	469	127	4866	2567	3969	0	98	6340	5946	-1806	15248	0	15248	2596	392	18236	50.03
19	4499	522	138	5159	2906	3905	0	16	6253	5880	-1676	15780	0	15780	2613	410	18803	50.03
20	4487	502	138	5127	2915	3886	0	0	6402	6273	-1687	16106	0	16106	2647	408	19161	49.98
21	4696	343	128	5167	2961	4045	0	0	5664	5721	-1615	15894	0	15894	2598	385	18877	50.02
22	4716	298	137	5151	2674	3953	0	0	4849	5022	-1536	14877	0	14877	2478	387	17742	49.99
23	4699	278	129	5106	2512	4049	0	0	4579	4565	-1414	14446	0	14446	2367	372	17185	49.95
24	4553	267	137	4957	2371	3935	0	0	4562	4384	-1401	13888	0	13888	2293	358	16539	50.02
MUs	107.59	8.65	3.22	119.46	56.46	91.43	0.00	4.27	139.06	139.08	-35.90	366.02	0.00	366.02	57.96	8.77	432.75	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 09/Jul/2022

Position as on 6.30 Hrs of 10/Jul/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 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.	Annual Overhaul	22/07/2022
MSPGCL	Koradi Unit 8	660	04/07/2022	21:55		Continued.	Annual Overhaul	10/08/2022
FORCED OUTAGE								
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	01/09/2022
MSPGCL	Chandrapur Unit 7	500	15/06/2022	05:01		Continued.	Annual Overhaul	17/07/2022
MSPGCL	Ghatghar Unit-2	125	18/06/2022	10:00		Continued.	for Hydraulic Intake Gate Work	15/07/2022
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	
IPP	RPL(AMT) U-3	270	30/06/2022	15:00		Continued.	Coal Shortage	
IPP	JSW (J) U4	300	01/07/2022	13:03		Continued.	Turbine bearing Vabration high	15/07/2022
IPP	SWPGPL U-1	135	04/07/2022	02:38		Continued.	PA Fan problem	15/07/2022
MSPGCL	Uran Unit 6	108	06/07/2022	17:51		Continued.	Gas shortage	
MSPGCL	Koyna STG-IV Unit-1	250	06/07/2022	18:30		Continued.	Governor problem	16/07/2022
TPC-G	Trombay 7A	120	07/07/2022	01:09		Continued.	Gas shortage	
TPC-G	Trombay 7B	60	07/07/2022	01:21		Continued.	Gas shortage	
MSPGCL	Khaparkheda Unit 3	210	07/07/2022	13:03	09/07/2022	20:57	Boiler Tube Leakage	10/07/2022

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 09/Jul/2022

Position as on 6.30 Hrs of 10/Jul/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 9	660	07/07/2022	13:54		Continued.	Boiler Tube Leakage	10/07/2022
MSPGCL	Chandrapur Unit 3	210	09/07/2022	11:58		Continued.	Furnace Pressure High	16/07/2022
MSPGCL	Paras Unit 4	250	09/07/2022	15:04	09/07/2022	17:34	Furnace Pressure High	
MSPGCL	Paras Unit 4	250	09/07/2022	20:58	09/07/2022	23:59	Furnace Pressure High	
MSPGCL	Khaparkheda Unit 1	210	10/07/2022	09:48	10/07/2022	13:56	Flame Failure	
MSPGCL	Koradi Unit 6	210	10/07/2022	10:39	10/07/2022	14:14	drum level high	
MSPGCL	Chandrapur Unit 4	210	10/07/2022	15:48	10/07/2022	20:50	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Jul/2022

Statement-VII

Position as on 6.30 Hrs of 10/Jul/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV TIEBAY Outages/Trippings							
TIE BAY (412) OF CHANDRAPUR-1 & ADANI - 1 @ WARORA	IntraState	10/07/2022	19:07	10/07/2022	21:47	HT	Low SF6 problem
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							
KALWA - TALEGAON (PG)	InterState	10/07/2022	06:01	10/07/2022	09:48	EO	Hot spot attending emergency work 1) wave trap jumper top & bottom pad R & Y PH. (Temp 191 deg) 2) CB R ph , 29 B isolator side (Temp 161 deg)
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	30/06/2022	07:24			HT	H/T FOR CONTROLLING LINE LOADING
PARLI - KUMBHARGAON (NANDED) CKT - 1	IntraState	08/07/2022	11:03	09/07/2022	11:30	PO	Hardware Tightening & Fitting Work
KORADI-NANDGAONPETH (RPL)	IntraState	09/07/2022	03:52	09/07/2022	06:38	T	Over Voltage.
LONIKAND I - CHAKAN	IntraState	09/07/2022	11:28	09/07/2022	14:35	PO	DT, line maintenance, SSN-DSN work.
KARAD - TALANDGE CKT - 2	IntraState	09/07/2022	13:26	09/07/2022	19:05	EO	For attending hot spot at B ph 29D IPS clamp towards CT side Temp: -377 0C & 141
KORADI-NANDGAONPETH (RPL)	IntraState	10/07/2022	02:17	10/07/2022	16:46	T	Tripped on Over Voltage.
TIRORA - WARORA CKT - 2	IntraState	10/07/2022	09:11	10/07/2022	18:26	PO	Annual Maintenace of line
PADGHE - KALWA CKT - 2	IntraState	10/07/2022	10:20	10/07/2022	22:07	PO	1) Bay Maint work 2) Diagnostic Testing work 3) MTAMC work
KHADKA-AURANGABAD (WALUJ)	IntraState	10/07/2022	17:30			HT	To control OV
220 KV TBC Outages/Trippings							
BUS COUPLER @ CARNAC	IntraState	10/07/2022	10:00	10/07/2022	10:30	PO	FOR 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.
MAHALAXMI - BACKBAY	IntraState	08/07/2022	23:27	09/07/2022	01:55	PO	Breaker testing, protection testing
BOISAR II - BOISAR (PG) CKT - 1	IntraState	09/07/2022	07:45	10/07/2022	23:33	PO	220kv PGCIL Line 1 Bay Strengthening work at 220kv Boisar 2 S/S by replacing existing all jumpers by Twin Jumpers.
KANDALGAON - PIRANGUT	IntraState	09/07/2022	10:34	09/07/2022	16:12	PO	1) Fixing of bird divertor. 2) Emergency tree cutting. 3) Replacement of polymer insulator by longrod insulator, loc no-32,33,34
VITA - GHATNANDRE	IntraState	09/07/2022	13:16	09/07/2022	18:21	EO	For attending hot spot of line bay CT and double jumping ring arrangement as per OEM M/s Meharu recommendation
TEMGHAR - KALWA	IntraState	09/07/2022	23:58	10/07/2022	07:22	T	Tripped on Distance Protection.
POPHALI - KDPH	IntraState	10/07/2022	04:55	10/07/2022	14:05	T	Tripped on Distance Protection.
NEW KOYNA - PEDAMBE	IntraState	10/07/2022	14:16	10/07/2022	14:36	T	Tripped at New koyna only
POPHALI - KDPH	IntraState	10/07/2022	14:22		Continued.	T	Tripped on DT
220 KV ICT Outages/Trippings							

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 09/Jul/2022

Statement-VII

Position as on 6.30 Hrs of 10/Jul/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
220/132 KV 200MVA ICT NO 2 @ THEUR	IntraState	09/07/2022	08:12	09/07/2022	17:43		ICT 02 LV bay stringing work
220/33KV 50MVA PTR 1 @ 5 STAR MIDC, KAGAL	IntraState	10/07/2022	09:20	10/07/2022	18:20	HT	HT due to Sparking on LV side B-ph Bushing clamp
220 / 110 / 22kV 250 MVA ICT 2 @ SALSETTE	IntraState	10/07/2022	10:46	10/07/2022	11:54	PO	FOR OIL TOP UP IN OLTC
110 KV LINE Outages/Tripping							
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.
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.
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