

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Sep/2022 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.933	123.933	1) Gujrat	7.822	7.822
2) Hydro	11.168	11.168	2) Madhya Pradesh	3.678	3.678
3) Gas	2.729	2.729	3) Chattisgarh	3.480	3.480
Total MSPGCL	137.830	137.830	4) Maharashtra	171.396	171.396
B) 1) APLM	48.949	48.949	5) Goa (Amona)	-0.534	-0.534
2) JSWEL	19.131	19.131	Total	185.842	185.842
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.639	30.639
4) RPL(AMT)	10.486	10.486	b) Mumbai Drawl	33.005	33.005
5) SWPGPL	5.475	5.475	c) MSEDCL Bilateral *	66.137	66.137
6) Other IPP	6.261	6.261	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.639	30.639
C) 1) TPCL Thermal	13.060	13.060	Include PX	0.000	0.000
2) TPCL Hydro	7.374	7.374	Standby	0.000	0.000
3) TPCL Gas	0.943	0.943	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.589	10.589	1) MSEDCL	389.359	389.359
D) STATE			2) Mumbai Discoms	64.971	64.971
1) Thermal	237.884	237.884	3) Other Discoms	8.994	8.994
(A1+C1+C4+(B1-B6))			TOTAL STATE	463.324	463.324
2) Hydro	18.542	18.542			
(A2+C2)					
3) Gas	3.672	3.672			
(A3+B7+C3)					
4) Wind	6.905	6.905			
6) SOLAR	10.479	10.479			
TOTAL STATE	277.482	277.482			

* 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 18 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4676	5338	5470	4904
MSPGCL Hydro	466	689	1411	262
MSPGCL Gas	111	107	108	122
MSPGCL Total Generation	5253	6134	6989	5288
Central Sector Receipt	9301	8241	8085	5892
WIND	44	272	344	830
CPP / IPP Thermal	3416	4340	4482	3471
CPP / IPP Gas	0	0	0	0
SOLAR	1257	237	0	0
Exchange with Mumbai	-2135	-1646	-1299	-1084
MSEDCL DEMAND MET	16718	17184	18201	14086
Load Shedding	0	0	0	0
MSEDCL DEMAND	16718	17184	18201	14086
TPCL GENERATION	651	960	1213	540
AEML GENERATION	369	490	487	353
MUMBAI DEMAND	3155	3096	2999	1977
OTHER DISCOM DEMAND	418	394	400	311
STATE DEMAND MET	20291	20674	21600	16374
STATE DEMAND	20291	20674	21600	16374
Frequency (Hz)	49.97	50.03	49.96	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.11 Hz at 17.33 Hrs	49.64 Hz at 18.52 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 01/Sep/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.23	3.23	185	90
Unit 7	0.00	0.00	0	0
Unit 8	10.98	10.98	507	363
Unit 9	0.00	0.00	0	0
Unit 10	10.98	10.98	500	385
Total	25.19	25.19		
Bhusawal				
Unit 3	2.30	2.30	110	85
Unit 4	8.32	8.32	405	280
Unit 5	0.00	0.00	0	0
Total	10.62	10.62		
Parli				
Unit 6	4.29	4.29	202	139
Unit 7	4.20	4.20	198	148
Unit 8	3.97	3.97	184	148
Total	12.46	12.46		
Chandrapur				
Unit 3	3.29	3.29	155	115
Unit 4	3.03	3.03	136	113
Unit 5	0.00	0.00	0	0
Unit 6	7.71	7.71	375	265
Unit 7	7.84	7.84	381	275
Unit 8	9.43	9.43	454	293
Unit 9	9.77	9.77	455	297
Total	41.06	41.06		
Paras				
Unit 3	4.60	4.60	216	152
Unit 4	4.36	4.36	215	145
Total	8.97	8.97		
Khaparkheda				
Unit 1	2.60	2.60	120	95
Unit 2	2.36	2.36	125	75
Unit 3	3.33	3.33	146	127
Unit 4	3.48	3.48	159	125
Unit 5	8.06	8.06	400	275
Total	19.84	19.84		
Nasik				
Unit 3	2.98	2.98	140	88
Unit 4	0.00	0.00	0	0
Unit 5	2.81	2.81	123	109
Total	5.79	5.79		
Uran				
All Units	2.73	2.73	122	107
Total	2.73	2.73		
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)	0.60	0.60	25	24
Total	0.60	0.60		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.64	1.64	295	35
Stage 4	1.18	1.18	504	0
Stage 3	0.77	0.77	160	0
Total	3.59	3.59		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.80	0.80	61	0
TILLARI	0.52	0.52	58	0
BHIRA T.R.	0.48	0.48	80	0
SMLHY_PTN	5.02	5.02	225	200
GHATGHAR	0.16	0.16	80	0
Total	6.98	6.98		
Wind				
Total	6.90	6.90	0	0
Total	6.90	6.90		
CPP				
APML(Mus)	48.95	48.95	0	0
JSWEL(Mus)	19.13	19.13	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	10.49	10.49	0	0
SWPGPL-Mus	5.48	5.48	0	0
Other(Mus)	6.26	6.26	0	0
Total	90.30	90.30		
SOLAR				
Total	10.48	10.48	0	0
Total	10.48	10.48		
Tata				
Trombay 5	8.80	8.80	449	269
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.72	0.72	114	0
Trombay 7B	0.22	0.22	66	0
TATA Hydro	7.37	7.37	444	140
Trombay 8	4.26	4.26	233	129
Total	21.38	21.38		
AEML				
DTPS U-1&2	10.59	10.59	498	353
Total	10.59	10.59		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	123.93	123.93
MSPGCL Thml+Gas	126.66	126.66
MSPGCL Hydro	11.17	11.17

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	137.83	137.83
Koyna 1,2 & 4 Total	2.82	2.82
State Total	277.48	277.48

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/Sep/2022

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 DEMAND	OTHER DISCOM DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	5078	262	111	5451	487	3887	0	0	6237	6116	-909	14714	0	14714	2368	317	17400	50.00
2	5127	261	122	5510	640	3593	0	0	6291	6313	-1116	14622	0	14622	2182	317	17122	50.01
3	5238	261	111	5610	848	3843	0	0	6109	5480	-1122	14367	0	14367	2054	292	16713	50.01
4	4904	262	122	5288	830	3471	0	0	6236	5892	-1084	14086	0	14086	1977	311	16374	50.00
5	4801	260	111	5172	610	3433	0	0	6479	6495	-1019	14378	0	14378	1957	314	16648	50.01
6	5090	274	112	5476	511	3448	0	0	6786	7199	-892	15409	0	15409	2020	333	17762	50.03
7	5396	308	120	5824	242	3850	0	44	7428	7208	-935	15853	0	15853	2114	380	18347	49.95
8	5419	303	111	5833	151	3702	0	248	8170	8407	-1169	16777	0	16777	2315	395	19487	49.99
9	5360	364	116	5840	128	3415	0	628	8838	8673	-1663	16620	0	16620	2624	401	19645	49.97
10	5085	378	121	5584	110	3408	0	1035	8701	8848	-1919	16614	0	16614	2939	452	20005	49.98
11	4676	466	111	5253	44	3416	0	1257	8884	9301	-2135	16718	0	16718	3155	418	20291	49.97
12	4663	424	119	5206	76	3366	0	1387	9297	8797	-2001	16419	0	16419	3279	411	20110	50.03
13	4402	398	108	4908	72	3168	0	1407	8898	8759	-1687	16229	0	16229	3249	398	19876	50.02
14	4429	388	118	4935	48	3030	0	1386	8860	8969	-1681	16285	0	16285	3112	402	19799	50.03
15	5088	381	107	5576	56	3333	0	1277	8779	8884	-1713	17025	0	17025	3142	387	20555	49.96
16	5366	388	117	5871	68	3477	0	991	8749	8355	-1730	16642	0	16642	3178	390	20210	49.96
17	5353	721	107	6181	159	3655	0	566	8181	8178	-1706	16653	0	16653	3164	380	20197	49.96
18	5338	689	107	6134	272	4340	0	237	8235	8241	-1646	17184	0	17184	3096	394	20674	50.03
19	5417	734	117	6268	356	4458	0	16	8365	8024	-1307	17402	0	17402	2998	413	20813	49.89
20	5470	1411	108	6989	344	4482	0	0	8398	8085	-1299	18201	0	18201	2999	400	21600	49.96
21	5492	638	118	6248	287	4478	0	0	8175	8165	-1255	17536	0	17536	2901	388	20824	49.98
22	5535	681	108	6324	144	4327	0	0	7571	7545	-1074	16893	0	16893	2787	373	20053	49.93
23	5624	507	118	6249	210	4352	0	0	7090	7205	-987	16658	0	16658	2700	371	19729	50.00
24	5582	409	109	6100	212	4370	0	0	6790	6728	-956	16099	0	16099	2661	356	19115	49.99
MUs	123.93	11.17	2.73	137.83	6.90	90.30	0.00	10.48	187.55	185.87	-33.00	389.38	0.00	389.38	64.97	8.99	463.35	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 01/Sep/2022

Position as on 6.30 Hrs of 02/Sep/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna Unit 9	80	15/06/2022	08:00		Continued.	Capital Overhaul	30/09/2022
MSPGCL	Koyna Unit 4	70	05/08/2022	17:20		Continued.	Generator winding differential protection	20/09/2022
MSPGCL	Koradi Unit 9	660	07/08/2022	14:53		Continued.	Boiler Tube Leakage (Converted to Annual Overhaul from 11.08.2022 for 45 Days)	26/09/2022
MSPGCL	Bhusawal Unit 5	500	08/08/2022	12:31		Continued.	Bottom ash Hopper damaged due to felling of clinker in the boiler (Converted into Annual Overhaul for 33 Days.)	10/09/2022
MSPGCL	Koyna STG-IV Unit-3	250	27/08/2022	12:00		Continued.	Governing System Upgradation	05/09/2022
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)	
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	30/09/2022
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 Vibration high	05/09/2022
MSPGCL	Nasik Unit 4	210	14/07/2022	19:55		Continued.	Wet Coal Problem.	
IPP	SWPGPL U-4	135	16/08/2022	00:45		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	19/08/2022	11:00		Continued.	Coal Shortage	
MSPGCL	Uran Unit B0	120	27/08/2022	15:26		Continued.	Gas shortage	
IPP	SWPGPL U-3	135	28/08/2022	19:04		Continued.	Boiler SSC chain broken problem.	
IPP	Adani U-3	660	28/08/2022	23:48		Continued.	APH Gear Box Abnormal Sound	03/09/2022
MSPGCL	Chandrapur Unit 5	500	29/08/2022	01:00		Continued.	APH abnormal Sound	03/09/2022
IPP	RPL(AMT) U-4	270	31/08/2022	00:00		Continued.	Coal Shortage	
MSPGCL	Uran Unit 8	108	01/09/2022	00:00		Continued.	Gas shortage	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/Sep/2022

Position as on 6.30 Hrs of 02/Sep/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
TPC-G	Trombay 7B	60	01/09/2022	01:07	01/09/2022	20:29	Gas shortage	
TPC-G	Trombay 7A	120	01/09/2022	01:28	01/09/2022	17:33	Gas shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 01/Sep/2022

Statement-VII

Position as on 6.30 Hrs of 02/Sep/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
400 KV LINE Outages/Trippings							
PADGHE - NAGOTHANE CKT - 1	IntraState	31/08/2022	18:25	01/09/2022	10:58	T	TRIPPED ON DISTANCE PROTECTION
KHADKA-AURANGABAD (WALUJ)	IntraState	31/08/2022	21:00	01/09/2022	10:07	HT	H/T FOR O/V
JAIGAD - KARAD CKT - 2	IntraState	31/08/2022	21:21	02/09/2022	08:44	HT	H/T FOR O/V
WARORA - IEPL	IntraState	01/09/2022	07:36			PO	1. Dis-Connecting Horizontal Jumper and covert 400kv IEPL-PGCIL Deoli Ckt (Temporary Arrangemet for 10 Days) 400kv IEPL-Warora Ckt. 2. Connecting 400kv IEPL-Warora through new towers.
BUS COUPLER @ DHULE	IntraState	01/09/2022	10:12	01/09/2022	15:12	PO	Routine Maint & testing work
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	01/09/2022	12:32			HT	To Control Loading on 400 KV Kalwa- Talegaon= 696 MW, and 400 KV Kharghar- Talegaon=650 MW
PARLI-SOLAPUR (LAMBOTI)	IntraState	01/09/2022	18:25			T	TRIPPED ON DISTANCE PROTECTION
KHADKA-AURANGABAD (WALUJ)	IntraState	01/09/2022	21:50	02/09/2022	07:36	HT	HT for Overvoltage Control
400 KV ICT Outages/Trippings							
95 MVA STN TF - II @KORADI 2	IntraState	23/08/2022	12:26			PO	1)Transformer testing and oil filtration 2)Transformer bus duct inspection 3) Station switch gear checking , breaker and relay testing
220 KV TBC Outages/Trippings							
AUXILIARY BUS @ MALEGAON	IntraState	29/08/2022	16:50			PO	Shifting of TBC Bay new 50MVA 220/33kV PTR 3
220 KV LINE Outages/Trippings							
NALASOPARA - BOISAR PG	InterState	01/09/2022	00:44	01/09/2022	18:03	T	Distance Protection
KARAD - KADEGAON	IntraState	31/08/2022	19:31	01/09/2022	11:04	T	TRIPPED ON DISTANCE PROTECTION
BIDRI - SAWANTWADI	IntraState	01/09/2022	01:05	01/09/2022	08:15	HT	HT For Overvoltage Control
INFOSYS - HINJAWADI 1	IntraState	01/09/2022	08:19	01/09/2022	19:17	PO	Erection of Ladder & missing part & tightning of Nut bolt of MCTT Tower .
VITTAL SUGAR CO GEN (VSSK) - KARKAMBH	IntraState	01/09/2022	11:08	01/09/2022	19:17	PO	Outage is required for Diagnostic testing of 220 kV VSSSK line bay CT & CB at 220 kV Karkamb Substation
PADGHE - NALASOPARA	IntraState	01/09/2022	11:57	02/09/2022	02:25	T	TRIPPED ON DISTANCE PROTECTION
BOISAR II - BOISAR (PG) CKT - 2	IntraState	01/09/2022	12:32	01/09/2022	18:21	EO	For safety purpose to attained breakdown work on 220kV PG-Nalasopara line Bph at loc.10(M/C Tower) -Replacement of flashover DTN insulator of Bph of PG-Nalasopara.
RANJANGAON-LONIKAND	IntraState	01/09/2022	17:00	01/09/2022	16:21	PO	for Diagnostic Testing, Attending hot spot & half yearly maintenance
KALWA - COLOURCHEM	IntraState	02/09/2022	06:13	02/09/2022	09:20	PO	Removing of Jumpers at 220KV CTT Tower for correction in phase sequence of 2000 Sq.mm at 220KV DCHI S/stn.
TROMBAY DHARAVI - 5	IntraState	02/09/2022	07:54	02/09/2022	09:56	PO	Testing work at Trombay end

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Sep/2022

Statement-VII

Position as on 6.30 Hrs of 02/Sep/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.
110 KV LINE Outages/Trippings							
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.
100 KV LINE Outages/Trippings							
100KV ROAD SIDE BUS @ KALWA	IntraState	02/09/2022	08:36			PO	100 KV Earthwire Replacement of all feeders.

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