

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Sep/2022 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	125.821	643.431	1) Gujrat	9.742	45.487
2) Hydro	11.052	67.242	2) Madhya Pradesh	5.002	19.859
3) Gas	4.196	20.724	3) Chattisgarh	3.500	16.830
Total MSPGCL	141.069	731.397	4) Maharashtra	162.930	839.122
B) 1) APMIL	67.839	318.530	5) Goa (Amona)	-1.376	-4.351
2) JSWEL	19.663	99.222	Total	179.798	916.947
3) VIPL	0.000	0.000	a) Mumbai Schedule	37.081	166.947
4) RPL(AMT)	14.602	61.776	b) Mumbai Drawl	40.508	185.896
5) SWPGPL	5.345	26.987	c) MSEDCL Bilateral *	45.125	247.650
6) Other IPP	5.958	29.992	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	37.074	166.908
C) 1) TPCL Thermal	11.293	57.388	Include PX	0.000	0.000
2) TPCL Hydro	4.869	26.869	Standby	0.006	0.039
3) TPCL Gas	0.345	5.822	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.845	46.989	1) MSEDCL	400.825	2034.168
D) STATE			2) Mumbai Discoms	65.860	322.963
1) Thermal	259.366	1284.315	3) Other Discoms	9.196	45.292
(A1+C1+C4+(B1-B6))			TOTAL STATE	475.881	2402.423
2) Hydro	15.921	94.111			
(A2+C2)					
3) Gas	4.541	26.546			
(A3+B7+C3)					
4) Wind	7.676	33.419			
6) SOLAR	8.579	47.086			
TOTAL STATE	296.083	1485.477			

* 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	5411	5136	5347	5340
MSPGCL Hydro	542	370	1288	258
MSPGCL Gas	151	117	119	249
MSPGCL Total Generation	6104	5623	6754	5847
Central Sector Receipt	8659	8232	7119	6263
WIND	274	258	603	193
CPP / IPP Thermal	4589	4174	5327	4690
CPP / IPP Gas	0	0	0	0
SOLAR	889	1204	0	0
Exchange with Mumbai	-2228	-2194	-1406	-1237
MSEDCL DEMAND MET	17872	16891	17975	15468
Load Shedding	0	0	0	0
MSEDCL DEMAND	17872	16891	17975	15468
TPCL GENERATION	503	673	1162	510
AEML GENERATION	306	422	410	312
MUMBAI DEMAND	3037	3289	2978	2059
OTHER DISCOM DEMAND	415	406	422	288
STATE DEMAND MET	21324	20586	21375	17815
STATE DEMAND	21324	20586	21375	17815
Frequency (Hz)	50.03	49.95	50.00	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.15 Hz at 17.31 Hrs	49.76 Hz at 12.53 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 05/Sep/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.02	16.90	160	65
Unit 7	0.00	0.00	0	0
Unit 8	11.54	57.71	522	374
Unit 9	0.00	0.00	0	0
Unit 10	10.96	55.29	515	375
Total	25.51	129.90		
Bhusawal				
Unit 3	2.60	13.92	130	85
Unit 4	8.59	43.78	405	285
Unit 5	0.00	0.00	0	0
Total	11.19	57.70		
Parli				
Unit 6	4.42	22.49	207	150
Unit 7	4.31	21.66	198	144
Unit 8	4.12	20.68	191	145
Total	12.85	64.83		
Chandrapur				
Unit 3	3.49	17.54	163	125
Unit 4	3.34	17.21	158	110
Unit 5	3.10	3.62	269	0
Unit 6	6.04	38.13	300	205
Unit 7	7.45	38.85	326	286
Unit 8	8.86	48.81	428	265
Unit 9	9.81	49.78	449	300
Total	42.09	213.94		
Paras				
Unit 3	4.30	22.55	190	150
Unit 4	4.40	22.10	213	154
Total	8.69	44.65		
Khaparkheda				
Unit 1	2.70	13.26	125	100
Unit 2	2.16	12.52	120	55
Unit 3	3.19	17.21	145	124
Unit 4	3.28	18.22	155	122
Unit 5	8.32	42.61	390	275
Total	19.65	103.81		
Nasik				
Unit 3	3.03	15.18	144	114
Unit 4	0.00	0.00	0	0
Unit 5	2.80	13.43	127	105
Total	5.83	28.62		
Uran				
All Units	4.20	20.72	259	116
Total	4.20	20.72		
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)	0.47	2.85	25	0
Total	0.47	2.85		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.45	14.21	300	35
Stage 4	1.03	10.02	454	0
Stage 3	0.85	5.59	160	0
Total	4.33	29.83		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.76	3.72	61	0
TILLARI	0.41	2.49	58	0
BHIRA T.R.	0.31	2.05	77	0
SMLHY_PTN	4.60	24.99	204	182
GHATGHAR	0.18	1.31	100	0
Total	6.26	34.57		
Wind				
Total	7.68	33.42	0	0
Total	7.68	33.42		
CPP				
APML(Mus)	67.84	318.53	0	0
JSWEL(Mus)	19.66	99.22	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	14.60	61.78	0	0
SWPGPL-Mus	5.34	26.99	0	0
Other(Mus)	5.96	29.99	0	0
Total	113.41	536.51		
SOLAR				
Total	8.58	47.09	0	0
Total	8.58	47.09		
Tata				
Trombay 5	7.58	38.56	442	267
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.34	3.58	109	0
Trombay 7B	0.00	2.24	0	0
TATA Hydro	4.87	26.87	424	71
Trombay 8	3.71	18.82	221	132
Total	16.51	90.08		
AEMIL				
DTPS U-1&2	8.84	46.99	485	294
Total	8.84	46.99		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	125.82	643.43	MSPGCL Total	141.07	731.40
			MSPGCL Thml+Gas	130.02	664.16	Koyna 1,2 & 4 Total	3.48	24.24
			MSPGCL Hydro	11.05	67.24	State Total	296.08	1485.48

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 05/Sep/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 DEMAND	OTHER DISCOM DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	5237	255	247	5739	115	4488	0	0	6800	6763	-1430	15342	0	15342	2464	333	18139	49.98
2	5270	257	249	5776	146	4479	0	0	6427	6640	-1290	15436	0	15436	2290	315	18041	49.98
3	5331	264	258	5853	151	4800	0	0	6221	6213	-1292	15432	0	15432	2151	293	17876	49.98
4	5340	258	249	5847	193	4690	0	0	6528	6263	-1237	15468	0	15468	2059	288	17815	49.97
5	5270	266	249	5785	241	4529	0	0	6810	6602	-1215	15630	0	15630	2033	312	17975	49.92
6	5329	318	249	5896	277	4682	0	0	7108	7063	-1222	16346	0	16346	2114	350	18810	49.94
7	5370	842	259	6471	342	5008	0	33	7011	7325	-1223	17583	0	17583	2211	373	20167	50.00
8	5418	671	259	6348	297	4881	0	222	7971	8030	-1440	17943	0	17943	2379	395	20717	49.98
9	5406	416	258	6080	326	4607	0	512	8372	8460	-1879	17679	0	17679	2729	427	20835	50.00
10	5411	542	151	6104	274	4589	0	889	8615	8659	-2228	17872	0	17872	3037	415	21324	50.03
11	5094	483	118	5695	216	4293	0	1033	9270	9132	-2387	17549	0	17549	3262	433	21244	49.97
12	5067	480	126	5673	177	4246	0	1122	9455	8772	-2240	17318	0	17318	3349	432	21099	49.95
13	5136	370	117	5623	258	4174	0	1204	8809	8232	-2194	16891	0	16891	3289	406	20586	49.95
14	4707	369	128	5204	463	4126	0	1201	8627	8509	-2359	16747	0	16747	3133	397	20277	50.00
15	4676	360	127	5163	444	4103	0	1090	8571	8515	-2349	16582	0	16582	3179	384	20145	50.02
16	4843	545	116	5504	625	4250	0	737	8148	8391	-2350	16758	0	16758	3171	399	20328	50.00
17	5264	462	129	5855	547	4594	0	386	7882	7843	-2282	16539	0	16539	3118	404	20061	50.01
18	5360	323	129	5812	501	4965	0	137	8097	7727	-2088	16634	0	16634	3047	420	20101	50.06
19	5373	474	130	5977	353	5260	0	13	7732	7698	-1723	17170	0	17170	2951	408	20529	49.99
20	5347	1288	119	6754	603	5327	0	0	7430	7119	-1406	17975	0	17975	2978	422	21375	50.00
21	5401	597	129	6127	413	5343	0	0	6827	6729	-1232	16958	0	16958	2857	422	20237	50.01
22	5442	418	133	5993	338	5304	0	0	6555	6527	-1171	16587	0	16587	2732	404	19723	49.99
23	5426	328	134	5888	196	5309	0	0	6221	6432	-1160	16269	0	16269	2680	396	19345	49.91
24	5303	466	133	5902	180	5360	0	0	6115	6154	-1111	16118	0	16118	2647	367	19132	49.91
MUs	125.82	11.05	4.20	141.07	7.68	113.41	0.00	8.58	181.60	179.80	-40.51	400.83	0.00	400.83	65.86	9.20	475.88	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 05/Sep/2022

Position as on 6.30 Hrs of 06/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	Chandrapur Unit 8	500	06/09/2022	00:52		Continued.	COH	
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	05/09/2022	13:19	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	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	
MSPGCL	Chandrapur Unit 5	500	03/09/2022	18:00	05/09/2022	09:36	Poor Coal Receipt	
TPC-G	Trombay 7B	60	04/09/2022	02:24		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/Sep/2022

Position as on 6.30 Hrs of 06/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 7A	120	04/09/2022	02:38	05/09/2022	18:00	Gas shortage	
MSPGCL	Uran Unit 5	108	05/09/2022	09:20		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	05/09/2022	22:00		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Sep/2022

Statement-VII

Position as on 6.30 Hrs of 06/Sep/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 418 OF ICT-1 @ LONIKAND 2	IntraState	06/09/2022	09:37			PO	Diagnostic testing and Maintenance
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							
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.
KHADKA-AURANGABAD (WALUJ)	IntraState	03/09/2022	21:57	05/09/2022	10:19	HT	H/T FOR O/V
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	04/09/2022	18:38			T	Y Phase Ground Fault
KHADKA-AURANGABAD (WALUJ)	IntraState	06/09/2022	00:26	06/09/2022	07:55	HT	For Voltage Control
400 KV ICT Outages/Trippings							
MAIN BAY (419) OF 400/220/33kV 500MVA ICT-I @ LONIKAND 2	IntraState	05/09/2022	09:54	05/09/2022	11:58	PO	Diagnostic testing and Maintenance
400/220/33 KV 500 MVA ICT - 2 @ DHULE	IntraState	06/09/2022	10:28			PO	Routine Maint & testing Work
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							
KANDALGAON - KOYNA (POPHALI)	IntraState	04/09/2022	04:15			T	TRIPPED ON DISTANCE PROTECTION
GHATGHAR - JINDAL	IntraState	05/09/2022	08:12	05/09/2022	14:42	EO	flashover disc Insulator replacement work at loc no 43. (B and Y ph) of 220kv Ghat-jindal line.
WASHALA - GHATGHAR	IntraState	05/09/2022	08:12	05/09/2022	14:49	EO	flashover disc Insulator replacement work at loc no 43. (B and Y ph) of 220kv Ghat-jindal line. [For Safety purpose]
EKLAHARE (OCR) - PADGHE	IntraState	05/09/2022	09:49			HT	HT for Load Management
PHALTAN MIDC - CSSK BHAVANI NAGAR	IntraState	05/09/2022	10:05	05/09/2022	18:48	PO	Fixing of missing nut bolts at cut point loc no.4,9,11
KADEGAON-MIRAJ	IntraState	05/09/2022	11:50	05/09/2022	13:40	PO	Diagnostic Testing Work
KHARGHAR - BORIVALI CKT - 2	IntraState	05/09/2022	13:15	05/09/2022	17:50	EO	For safety purpose during replacement of existing conductor by HTLS conductor of 400KV Kalwa-Padgha-2 line between loc no. 1118 to 1119.
BORIVALI - CTRLS CKT	IntraState	05/09/2022	13:32	05/09/2022	17:34	EO	For safety purpose during replacement of existing conductor by HTLS conductor of 400KV Kalwa-Padgha-2 line between loc no. 1118 to 1119.
ADLABS - PEDAMBE	IntraState	05/09/2022	13:39	05/09/2022	14:23	T	TRIPPED ON DISTANCE PROTECTION
BORIVALI - BOISAR (PG)	IntraState	05/09/2022	16:45	06/09/2022	07:29	T	LINE TRIPPED ON DISTANCE PROTECTION.
BORIVALI - TARAPUR	IntraState	06/09/2022	00:17	06/09/2022	05:49	HT	For safety purpose of 220kv Borivali-Boiser PG line
PHALTAN MIDC - WALCHANDNAGAR	IntraState	06/09/2022	09:45			PO	Fixing of missing nut bolts at cut point loc no.4,5,7

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Sep/2022

Statement-VII

Position as on 6.30 Hrs of 06/Sep/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
SONEWADI - BHOSE CKT - 2	IntraState	06/09/2022	09:45			PO	Outage Proposal on 220kV A'Nagar (Sonewadi)- Belwandi (Bhose) Line Ckt II for Stringing work at LILO point of 220kV Ahmednagar Belwandi (Bhose) line at 400kV Karjat Substation.
VITA - MIRAJ	IntraState	06/09/2022	10:12			PO	Diagnostic Testing Work
WARDHA - WARDHA (PG)	IntraState	06/09/2022	10:23			PO	Routine line maintenance work
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 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.

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