

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Sep/2022 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.494	390.824	1) Gujrat	8.333	24.329
2) Hydro	15.871	45.707	2) Madhya Pradesh	3.733	10.147
3) Gas	5.878	11.550	3) Chattisgarh	3.970	10.760
Total MSPGCL	155.243	448.081	4) Maharashtra	174.947	516.538
B) 1) APML	73.734	184.143	5) Goa (Amona)	-0.876	-2.159
2) JSWEL	20.382	60.018	Total	190.107	559.615
3) VIPL	0.000	0.000	a) Mumbai Schedule	32.515	96.124
4) RPL(AMT)	12.743	34.333	b) Mumbai Drawl	38.338	108.235
5) SWPGPL	5.445	16.308	c) MSEDCL Bilateral *	46.486	157.302
6) Other IPP	5.916	18.519	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	32.496	96.091
C) 1) TPCL Thermal	10.945	36.267	Include PX	0.000	0.000
2) TPCL Hydro	5.538	19.007	Standby	0.019	0.033
3) TPCL Gas	1.848	5.296	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.251	29.832	1) MSEDCL	432.102	1233.921
D) STATE			2) Mumbai Discoms	65.920	198.636
1) Thermal	271.910	770.244	3) Other Discoms	9.053	27.519
(A1+C1+C4+(B1-B6))			TOTAL STATE	507.075	1460.076
2) Hydro	21.409	64.714			
3) Gas	7.726	16.846			
4) Wind	5.201	17.104			
6) SOLAR	10.722	31.554			
TOTAL STATE	316.968	900.462			

* 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	5713	5563	5517	5751
MSPGCL Hydro	505	481	1509	289
MSPGCL Gas	245	242	246	250
MSPGCL Total Generation	6463	6286	7272	6290
Central Sector Receipt	8783	8964	8025	6926
WIND	51	222	489	50
CPP / IPP Thermal	4993	4922	5107	4970
CPP / IPP Gas	0	0	0	0
SOLAR	1352	890	0	0
Exchange with Mumbai	-2322	-2091	-1413	-1192
MSEDCL DEMAND MET	18917	18788	19076	16754
Load Shedding	0	0	0	0
MSEDCL DEMAND	18917	18788	19076	16754
TPCL GENERATION	584	650	1150	573
AEML GENERATION	324	440	487	343
MUMBAI DEMAND	3230	3181	3050	2108
OTHER DISCOM DEMAND	403	405	404	290
STATE DEMAND MET	22550	22374	22530	19152
STATE DEMAND	22550	22374	22530	19152
Frequency (Hz)	49.97	50.00	49.98	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.14 Hz at 16.03 Hrs	49.82 Hz at 10.48 Hrs	50	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 03/Sep/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.69	10.66	180	115
Unit 7	0.00	0.00	0	0
Unit 8	12.28	34.76	557	488
Unit 9	0.00	0.00	0	0
Unit 10	11.28	33.67	505	434
Total	27.25	79.08		
Bhusawal				
Unit 3	3.26	8.70	160	110
Unit 4	9.38	27.16	470	0
Unit 5	0.00	0.00	0	0
Total	12.64	35.86		
Parli				
Unit 6	4.61	13.48	201	171
Unit 7	4.39	12.98	195	155
Unit 8	4.16	12.46	192	151
Total	13.16	38.92		
Chandrapur				
Unit 3	3.83	10.58	170	120
Unit 4	3.80	10.40	162	152
Unit 5	0.52	0.52	150	0
Unit 6	8.44	24.11	405	275
Unit 7	7.53	22.82	384	261
Unit 8	10.25	30.48	463	385
Unit 9	10.37	30.59	457	400
Total	44.74	129.50		
Paras				
Unit 3	4.40	13.86	238	145
Unit 4	4.30	13.22	206	119
Total	8.70	27.08		
Khaparkheda				
Unit 1	2.50	7.98	115	80
Unit 2	2.66	7.87	130	95
Unit 3	3.59	10.55	160	128
Unit 4	3.90	11.36	188	144
Unit 5	8.90	25.45	415	300
Total	21.53	63.20		
Nasik				
Unit 3	3.10	9.22	145	120
Unit 4	0.00	0.00	0	0
Unit 5	2.37	7.96	145	0
Total	5.47	17.19		
Uran				
All Units	5.88	11.55	259	170
Total	5.88	11.55		
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	1.79	27	23
Total	0.60	1.79		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.57	9.66	410	35
Stage 4	3.06	8.64	778	0
Stage 3	1.30	3.88	208	0
Total	7.94	22.18		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.77	2.24	61	0
TILLARI	0.52	1.57	58	0
BHIRA T.R.	0.43	1.37	80	0
SMLHY_PTN	5.18	15.44	226	209
GHATGHAR	0.44	1.13	125	0
Total	7.34	21.74		
Wind				
Total	5.20	17.10	0	0
Total	5.20	17.10		
CPP				
APML(Mus)	73.73	184.14	0	0
JSWEL(Mus)	20.38	60.02	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	12.74	34.33	0	0
SWPGPL-Mus	5.44	16.31	0	0
Other(Mus)	5.92	18.52	0	0
Total	118.22	313.32		
SOLAR				
Total	10.72	31.55	0	0
Total	10.72	31.55		
Tata				
Trombay 5	7.33	24.40	419	267
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.98	3.14	46	39
Trombay 7B	0.87	2.16	40	34
TATA Hydro	5.54	19.01	441	82
Trombay 8	3.61	11.87	222	133
Total	18.33	60.57		
AEMIL				
DTPS U-1&2	9.25	29.83	495	295
Total	9.25	29.83		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	133.49	390.82	MSPGCL Total	155.24	448.08
			MSPGCL Thml+Gas	139.37	402.37	Koyna 1,2 & 4 Total	6.63	18.30
			MSPGCL Hydro	15.87	45.71	State Total	316.97	900.46

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/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 DEMAN D	OTHER DISCOM DEMAN D	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	5638	525	170	6333	62	5000	0	0	6659	6717	-967	16800	0	16800	2514	345	19659	49.94
2	5634	352	202	6188	47	4993	0	0	6749	6610	-1027	16506	0	16506	2345	305	19156	50.00
3	5684	306	253	6243	46	4962	0	0	7069	6993	-1228	16724	0	16724	2199	292	19215	50.01
4	5751	289	250	6290	50	4970	0	0	7111	6926	-1192	16754	0	16754	2108	290	19152	50.03
5	5718	274	251	6243	36	5000	0	0	7252	7221	-1141	17048	0	17048	2077	311	19436	49.99
6	5655	842	251	6748	31	5085	0	0	7093	7290	-1081	17745	0	17745	2134	328	20207	49.97
7	5700	1462	251	7413	49	5044	0	58	7377	7607	-1115	18698	0	18698	2216	358	21272	49.99
8	5729	715	258	6702	38	5009	0	379	8134	8007	-1297	18445	0	18445	2330	393	21168	50.02
9	5577	379	258	6214	54	4517	0	922	8455	8637	-1673	18262	0	18262	2563	409	21234	50.03
10	5559	640	258	6457	46	4554	0	1223	8063	8637	-1988	18529	0	18529	2881	400	21810	49.99
11	5529	692	247	6468	63	4802	0	1316	8699	8604	-2219	18601	0	18601	3139	433	22173	49.95
12	5713	505	245	6463	51	4993	0	1352	8715	8783	-2322	18917	0	18917	3230	403	22550	49.97
13	5788	387	245	6420	50	4572	0	1328	9137	8754	-2297	18428	0	18428	3197	399	22024	49.94
14	5810	393	254	6457	61	4383	0	1311	8907	8792	-2206	18393	0	18393	3083	405	21881	49.96
15	5761	396	243	6400	110	4764	0	1218	8894	8805	-2160	18732	0	18732	3148	405	22285	49.97
16	5563	481	242	6286	222	4922	0	890	9098	8964	-2091	18788	0	18788	3181	405	22374	50.00
17	5396	621	244	6261	363	4997	0	507	8417	8719	-2066	18371	0	18371	3113	410	21894	50.01
18	5448	639	245	6332	372	5047	0	204	8670	8541	-1903	18180	0	18180	3031	413	21624	50.02
19	5493	981	255	6729	420	5074	0	14	8239	8231	-1667	18394	0	18394	3022	407	21823	50.03
20	5517	1509	246	7272	489	5107	0	0	8212	8025	-1413	19076	0	19076	3050	404	22530	49.98
21	5481	712	259	6452	808	5105	0	0	7497	7507	-1328	18139	0	18139	2969	405	21513	50.02
22	5322	771	245	6338	654	5117	0	0	6944	7158	-1254	17631	0	17631	2867	382	20880	50.02
23	5056	1078	248	6382	588	5104	0	0	6898	7306	-1298	17697	0	17697	2792	385	20874	50.02
24	4972	922	258	6152	491	5099	0	0	6882	7273	-1405	17240	0	17240	2731	370	20341	50.03
MUs	133.49	15.87	5.88	155.24	5.20	118.22	0.00	10.72	189.17	190.11	-38.34	432.10	0.00	432.10	65.92	9.05	507.07	50.00

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 03/Sep/2022

Position as on 6.30 Hrs of 04/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	03/09/2022	18:30	Governing System Upgradation	05/09/2022
FORCED OUTAGE								
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	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.	
MSPGCL	Chandrapur Unit 5	500	29/08/2022	01:00	03/09/2022	10:58	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	
MSPGCL	Nasik Unit 5	210	03/09/2022	08:45	03/09/2022	11:35	Flame Failure	03/09/2022

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Sep/2022

Position as on 6.30 Hrs of 04/Sep/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 5	500	03/09/2022	18:00		Continued.	Poor Coal Receipt	
MSPGCL	Bhusawal Unit 4	500	03/09/2022	21:45	04/09/2022	00:53	Flame Failure	
TPC-G	Trombay 7B	60	04/09/2022	02:24		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	04/09/2022	02:38		Continued.	Gas shortage	
TPC-G	Bhira PSU	150	04/09/2022	18:35	04/09/2022	19:01	starting trouble	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 03/Sep/2022

Statement-VII

Position as on 6.30 Hrs of 04/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/Tripping							
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/Tripping							
KUDUS - KALA CKT - 2	InterState	04/09/2022	00:40	04/09/2022	06:09	EO	For Bay No 401 Line isolator Y-phase Hotspot attending work (Temp 297 ℃.)
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.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	02/09/2022	15:01	03/09/2022	13:00	EO	To attend Hot Spot on 89C Aux. Bus PG Isolator
KHADKA-AURANGABAD (WALUJ)	IntraState	03/09/2022	21:57		Continued.	HT	H/T FOR O/V
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	04/09/2022	18:38			T	Y Phase Ground Fault
400 KV ICT Outages/Tripping							
500 MVA 400/220 KV ICT - I @ CHANDRAPUR 2	IntraState	03/09/2022	17:15	03/09/2022	21:07	T	Tripped on Buchholz Alarm
220 KV TBC Outages/Tripping							
AUXILIARY BUS @ MALEGAON	IntraState	29/08/2022	16:50			PO	Shifting of TBC Bay new 50MVA 220/33kV PTR 3
220 KV LINE Outages/Tripping							
220 KV HARANGUL - PARLY (PG) CKT	InterState	03/09/2022	09:43	03/09/2022	20:13	HT	R&M at Parli PG
PIRANGUT - HINJAWADI 2	IntraState	03/09/2022	08:23	03/09/2022	11:48	EO	For removal of jumpers at tower no 23near infosys ss to enable to start metro work from tower no 23 to Infosys subststation.
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	03/09/2022	09:47	03/09/2022	18:48	EO	Attending the flashover DTN string of R-phase(one complete string of DTN disc insulator got broken and damaged the other string), also damaged its Pilot string at loc.no.121.(location no.121 is on hill top). Due to flashover of R-phase DTN string, 3nos of disc of Y-phase DTN disc insulator string also got damaged at loc.no.121, so need
MAHALAXMI - AMONA	IntraState	03/09/2022	13:28	03/09/2022	14:22	T	Distance protection R-ph ,13.5 km,1.25 KAmp
KANDALGAON - KOYNA (POPHALI)	IntraState	04/09/2022	04:15			T	TRIPPED ON DISTANCE PROTECTION
TROMBAY - KALWA	IntraState	04/09/2022	06:19	04/09/2022	16:34	T	TRIPPED ON DISTANCE PROTECTION
EKLAHARE (OCR) - PADGHE	IntraState	04/09/2022	10:30	04/09/2022	14:40	HT	HT for Load Management
EKLAHARA(GCR)(NASIK)-BABLESHWAR 2	IntraState	04/09/2022	11:04	04/09/2022	14:14	HT	HT due to Sparking at Nasik end
PUSAD - WARDHA (PG)	IntraState	04/09/2022	15:22	04/09/2022	19:49	EO	Attending hotspot on Y ph wavetrap
220 KV ICT Outages/Tripping							
220 / 110 / 22kV 250 MVA ICT 1 @ SALSETTE	IntraState	12/10/2020	11:35			T	Tripped due to Grid disturbance.
220/132 KV 200 MVA ICT 1 @ RAYMOND	IntraState	03/09/2022	09:35	03/09/2022	16:35	PO	1. REPLACEMENT OF WTI/OTI OF 220/132KV ICT-1 2. BAY MAINTENANCE OF 220/132KV ICT-1

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Sep/2022

Statement-VII

Position as on 6.30 Hrs of 04/Sep/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/33kV 50MVA TF-2 @ KOPARGAON	IntraState	03/09/2022	16:32	03/09/2022	18:30	PO	For attending hotspot (B Ph LV Bushing)
220/100 KV 200 MVA ICT 2 @ KALWA	IntraState	04/09/2022	00:46	04/09/2022	02:57	HT	Attending Hot spot of R Ph LV (100 KV) Bushing.
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.
KALYAN KALWA SALSETTE 1	IntraState	03/09/2022	09:37	03/09/2022	18:20	PO	Removal of Bird Nest & Tree trimming
100 KV LINE Outages/Trippings							
CREEK SIDE BUS @ KALWA	IntraState	03/09/2022	10:12	03/09/2022	17:39	PO	100kV Creek side Bus outage for R&M works.

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