

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Sep/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.212	344.974	1) Gujrat	-7.746	-29.064
2) Hydro	18.386	50.232	2) Madhya Pradesh	4.341	9.448
3) Gas	9.312	27.663	3) Chattisgarh	3.250	9.960
Total MSPGCL	147.910	422.869	4) Maharashtra	147.397	443.249
B) 1) APLM	54.192	153.659	5) Goa (Amona)	-0.967	-2.793
2) JSWEL	13.543	52.594	Total	146.275	430.800
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.203	71.012
4) RPL(AMT)	25.728	82.388	b) Mumbai Drawl	23.270	71.130
5) SWPGPL	5.548	15.926	c) MSEDCL Bilateral *	33.228	97.993
6) Other IPP	6.850	18.925	Include PX	2.942	7.365
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.203	71.012
C) 1) TPCL Thermal	15.539	46.119	Include PX	6.035	18.930
2) TPCL Hydro	4.430	14.186	Standby	0.000	0.000
3) TPCL Gas	0.642	0.642	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.813	35.545	1) MSEDCL	400.399	1182.243
D) STATE			2) Mumbai Discoms	55.694	167.621
1) Thermal	253.425	750.130	TOTAL STATE	456.093	1349.864
(A1+C1+C4+(B1-B6))					
2) Hydro	22.816	64.418			
(A2+C2)					
3) Gas	9.954	28.305			
(A3+B7+C3)					
4) Wind	17.025	58.592			
6) SOLAR	6.598	17.620			
TOTAL STATE	309.818	919.065			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4904	4847	5207	4861
MSPGCL Hydro	1084	760	1639	274
MSPGCL Gas	375	391	387	388
MSPGCL Total Generation	6363	5998	7233	5523
Central Sector Receipt	7163	7074	6093	5173
WIND	422	432	1096	737
CPP / IPP Thermal	4327	4324	4636	4401
CPP / IPP Gas	0	0	0	0
SOLAR	876	810	0	0
Exchange with Mumbai	-1462	-1416	-907	-728
MSEDCL DEMAND MET	17689	17222	18151	15106
Load Shedding	0	0	0	0
MSEDCL DEMAND	17689	17222	18151	15106
TPCL GENERATION	959	977	1150	497
AEML GENERATION	489	488	492	497
MUMBAI DEMAND	2910	2881	2549	1722
STATE DEMAND MET	20599	20103	20700	16828
STATE DEMAND	20599	20103	20700	16828
Frequency (Hz)	50.06	50.02	50.03	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 13.01 Hrs	49.88 Hz at 16.15 Hrs	50.02	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 03/Sep/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.68	10.68	175	125
Unit 7	0.00	0.00	0	0
Unit 8	0.00	3.59	0	0
Unit 9	10.56	25.09	520	368
Unit 10	9.43	25.54	523	270
Total	23.66	64.90		
Bhusawal				
Unit 3	3.88	10.78	180	120
Unit 4	9.88	16.44	435	380
Unit 5	0.00	12.62	0	0
Total	13.76	39.84		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	4.58	13.73	198	184
Unit 8	4.58	13.35	195	182
Total	9.16	27.08		
Chandrapur				
Unit 3	3.00	8.67	130	118
Unit 4	3.15	8.93	150	118
Unit 5	7.41	22.84	340	270
Unit 6	6.74	19.03	302	265
Unit 7	7.96	23.33	355	308
Unit 8	10.28	28.26	445	400
Unit 9	0.00	0.00	0	0
Total	38.54	111.06		
Paras				
Unit 3	3.55	11.24	194	128
Unit 4	3.78	11.14	198	124
Total	7.33	22.38		
Khaparkheda				
Unit 1	2.80	5.12	135	95
Unit 2	3.58	10.28	170	135
Unit 3	3.67	11.62	180	140
Unit 4	3.68	11.26	180	118
Unit 5	9.72	29.95	450	380
Total	23.46	68.23		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.31	11.48	198	126
Unit 5	0.00	0.00	0	0
Total	4.31	11.48		
Uran				
All Units	9.31	27.66	400	366
Total	9.31	27.66		
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)	0.43	1.34	27	0
Total	0.43	1.34		
Koyana				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.52	8.92	440	35
Stage 4	6.39	15.07	1006	0
Stage 3	2.02	5.44	240	0
Total	10.93	29.42		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.38	1.14	40	0
SMLHY_PTN	5.67	17.11	251	220
GHATGHAR	1.40	2.56	125	0
Total	7.45	20.81		
Wind				
Total	17.02	58.59	0	0
Total	17.02	58.59		
CPP				
APML(Mus)	54.19	153.66	0	0
JSWEL(Mus)	13.54	52.59	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.73	82.39	0	0
SWPGPL-Mus	5.55	15.93	0	0
Other(Mus)	6.85	18.92	0	0
Total	105.86	323.49		
SOLAR				
Total	6.60	17.62	0	0
Total	6.60	17.62		
Tata				
Trombay 5	10.61	31.56	482	290
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.64	0.64	127	0
Trombay 7B	0.00	0.00	0	0
Trombay 8	4.93	14.56	216	141
TATA Hydro	4.43	14.19	421	0
Total	20.61	60.95		
AEML				
DTPS U-1&2	11.81	35.54	497	488
Total	11.81	35.54		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	120.21	344.97	MSPGCL Total	147.91	422.87
			MSPGCL Thml+Gas	129.52	372.64	Koyna 1,2 & 4 Total	8.92	23.98
			MSPGCL Hydro	18.39	50.23	State Total	309.82	919.06

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/Sep/2021

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4829	358	386	5573	961	4467	0	0	4974	5163	-684	15480	0	15480	2030	17510	49.99
2	4819	338	397	5554	909	4477	0	0	4824	4902	-633	15209	0	15209	1891	17100	50.00
3	4830	278	389	5497	837	4476	0	0	4825	5039	-638	15211	0	15211	1790	17001	50.02
4	4861	274	388	5523	737	4401	0	0	4814	5173	-728	15106	0	15106	1722	16828	50.00
5	5014	364	398	5776	643	4437	0	0	5256	5485	-708	15633	0	15633	1702	17335	49.98
6	5086	795	389	6270	466	4430	0	0	5463	5786	-644	16308	0	16308	1783	18091	49.99
7	5113	1635	398	7146	452	4399	0	37	6266	6092	-622	17504	0	17504	1864	19368	50.00
8	5085	1609	388	7082	354	4348	0	245	6688	6603	-718	17914	0	17914	2045	19959	49.98
9	5080	1228	387	6695	500	4313	0	568	6848	6983	-982	18077	0	18077	2328	20405	49.99
10	4986	1417	395	6798	549	4337	0	788	6809	6770	-1297	17945	0	17945	2612	20557	50.00
11	4975	1239	385	6599	515	4299	0	780	6878	6835	-1508	17520	0	17520	2853	20373	50.05
12	4904	1084	375	6363	422	4327	0	876	7032	7163	-1462	17689	0	17689	2910	20599	50.06
13	4847	760	391	5998	432	4324	0	810	7018	7074	-1416	17222	0	17222	2881	20103	50.02
14	4816	516	371	5703	428	4318	0	763	6950	7088	-1405	16895	0	16895	2718	19613	50.06
15	4796	735	374	5905	591	4335	0	631	6660	6679	-1265	16876	0	16876	2682	19558	50.02
16	5006	496	397	5899	803	4336	0	559	7033	6268	-1174	16691	0	16691	2624	19315	50.02
17	5067	435	386	5888	1135	4363	0	371	6848	6606	-1317	17046	0	17046	2569	19615	50.00
18	5112	442	366	5920	1290	4338	0	155	6304	6453	-1187	16969	0	16969	2554	19523	50.02
19	5150	819	388	6357	1065	4601	0	15	5908	5923	-970	16991	0	16991	2528	19519	50.01
20	5207	1639	387	7233	1096	4636	0	0	5875	6093	-907	18151	0	18151	2549	20700	50.03
21	5170	734	399	6303	944	4636	0	0	5833	5545	-830	16598	0	16598	2430	19028	50.05
22	5239	449	388	6076	654	4620	0	0	5792	5853	-755	16448	0	16448	2313	18761	50.03
23	5099	443	390	5932	639	4324	0	0	5851	5288	-711	15472	0	15472	2203	17675	50.05
24	5121	299	400	5820	603	4319	0	0	5526	5411	-709	15444	0	15444	2113	17557	50.04
MUs	120.21	18.39	9.31	147.91	17.03	105.86	0.00	6.60	146.28	146.27	-23.27	400.40	0.00	400.40	55.69	456.09	50.02

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/2021

Position as on 6.30 Hrs of 04/Sep/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 7B	60	05/08/2021	22.19		Continued.	Gas Shortage(Converted to AOH 00.00Hrs from Dt.09/08/2021)	
TPC-G	Trombay 7A	120	05/08/2021	22.39	03/09/2021	18.03	Gas Shortage(Converted to AOH 00.00Hrs from Dt.09/08/2021)	
IPP	Adani U-1	660	25/08/2021	00.06		Continued.	Annual Overhaul	
IPP	RPL(AMT) U-4	270	02/09/2021	00.00		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 3	210	04/09/2021	23.58		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
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)	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
IPP	SWPGPL U-4	135	05/08/2021	03.04		Continued.	Turbine Vibration High.	
MSPGCL	Nasik Unit 5	210	19/08/2021	00.00		Continued.	Coal Shortage. Which Was Tripped On BTL From 07:08:2021 At 20:45.	
MSPGCL	Parli Unit 6	250	26/08/2021	21.06		Continued.	Coal Shortage (Converted to AOH 00.00Hrs from Dt.01/09/2021)	
MSPGCL	Nasik Unit 3	210	30/08/2021	22.51		Continued.	Against case 4.which was outage on Loss of Fuel(From 19.44Hrs DT.26-08-2021	
MSPGCL	Chandrapur Unit 9	500	31/08/2021	17.38		Continued.	Turbine vibration high.	
MSPGCL	Koradi Unit-8	660	01/09/2021	10.30		Continued.	MS outlet Valve Leakage	
MSPGCL	Bhusawal Unit 5	500	02/09/2021	06.23		Continued.	Clinker Formation	
MSPGCL	Koyna Unit 7	80	02/09/2021	08.00	04/09/2021	15.45	Injector NO.6 replacement work	
IPP	JSW (J) U1	300	02/09/2021	08.41		Continued.	Turbine vibrations high.	
TPC-G	Trombay 7A	120	04/09/2021	00.00	04/09/2021	16.40	synchronize Testing trial.	
TPC-G	Trombay 7A	120	04/09/2021	20.22		Continued.	synchronize Testing trial.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 03/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 04/Sep/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Tripping							
Chandrapur - Padghe HvdC Pole 1	IntraState	03/09/2021	21.06	04/09/2021	05.56	EO	Work At Padghe End.
400 KV LINE Outages/Tripping							
Karad - Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Chandrapur - Bhadravati I	InterState	01/09/2021	09.50		Continued.	PO	Replacement of HCB Isolators
Koradi Satpur	InterState	04/09/2021	12.32	04/09/2021	15.49	PO	Work By Power Grid.
Khadka-Aurangabad (Waluj)	IntraState	01/09/2021	20.13	04/09/2021	06.22	HT	Over Voltage
Warora -IEPL	IntraState	02/09/2021	22.38		Continued.	PO	Height raising work across Samruddhi highway at ch 27-400km.
Chandrapur-II - Nanded ckt I	IntraState	03/09/2021	13.24	03/09/2021	19.56	T	Distance Protection
Karad-Jaigad - I	IntraState	04/09/2021	00.15	04/09/2021	08.48	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	04/09/2021	06.37		Continued.	PO	Samruddhi expressway crossing tower erection work.
Dhule - Bableshwar - II	IntraState	04/09/2021	06.40		Continued.	PO	Samruddhi expressway crossing tower erection work.
Chandrapur-II - Nanded ckt I	IntraState	04/09/2021	15.41	04/09/2021	18.10	EO	To Remove Broken Earth wire At LOC No. 59,60,61.
Khadka-Aurangabad (Waluj)	IntraState	04/09/2021	20.13		Continued.	HT	Over Voltage
400 KV ICT Outages/Tripping							
400/220/33 Kv 315 MVA ICT I @Babhleshwar	IntraState	04/09/2021	09.07	04/09/2021	20.44	PO	Bay Maintenance Work.
400/220/33 315MVA ICT-III @ KHADKA	IntraState	04/09/2021	10.24	04/09/2021	17.38	PO	For Attending DC Leakage In Auxiliary Protection.
220 KV LINE Outages/Tripping							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
Kharghar-Borivali ckt II	IntraState	23/07/2021	08.43		Continued.	PO	To Carry out bunching work.
Kalwa-TIFIL	IntraState	23/07/2021	11.12		Continued.	PO	For Complete Tower erection work at loc no. 75A & 76 (behind M/s Siemens).
Kharghar-Borivali ckt I	IntraState	24/07/2021	08.46	04/09/2021	17.48	PO	Tower Erection & Bunching work
Kalwa - Siemens	IntraState	24/07/2021	18.16	04/09/2021	09.36	PO	Tower Erection & Bunching work
Uran - Kharghar 2	IntraState	25/08/2021	19.55		Continued.	T	Distance Protection
Mahad-Kandalgaon	IntraState	02/09/2021	22.13	03/09/2021	03.50	T	ON R-ph LA jumper sparking.
Kolshet-Roma	IntraState	03/09/2021	06.51	03/09/2021	20.05	PO	Piling work of MMRDA near patlipada kolshet substation.
Pedambe-Nerle	IntraState	03/09/2021	07.34	03/09/2021	12.04	T	Distance Protection
Trombay - Mulund	IntraState	03/09/2021	08.47	03/09/2021	19.38	PO	Stringing of OPGW cable from Loc. No. 73 to Trombay Gantry.
Adlabs - Pedambe	IntraState	03/09/2021	09.08	03/09/2021	13.37	T	Distance Protection
Miraj - Mhaishal	IntraState	03/09/2021	09.15	03/09/2021	15.40	PO	Quarterly Maintenance Work
Washala - Ghatghar	IntraState	03/09/2021	09.35	04/09/2021	13.53	PO	Construction Work.
Raymond - Washala	IntraState	03/09/2021	09.50		Continued.	PO	Samruddhi highway project work
220KV BUS II @ Butibori	IntraState	03/09/2021	10.07	03/09/2021	19.29	PO	jumper Connecting Work.
Chitegaon-Shendra Ckt-I	IntraState	03/09/2021	10.48	03/09/2021	20.08	PO	Routine Maintenance Work & Diagnostic Testing Work.
Adlabs - Pedambe	IntraState	03/09/2021	13.43	03/09/2021	19.25	T	Distance Protection
Nanded-Ghatodi	IntraState	03/09/2021	14.19	03/09/2021	15.21	PO	For Backup Relay Testing Work By Testing Unit Yavatmal.

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 04/Sep/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV KRUSHNOOR - NANDED (KUMBHARGAON) CKT -1	IntraState	03/09/2021	21.25	03/09/2021	22.29	T	Distance Protection
Ghatghar - Jindal	IntraState	03/09/2021	22.45	04/09/2021	14.20	HT	Safety Permit.
Kolshet-Roma	IntraState	04/09/2021	06.45	04/09/2021	20.07	PO	Piling work of MMRDA near patlipada kolshet substation.
Kalwa Salsette III	IntraState	04/09/2021	06.52	04/09/2021	09.48	PO	Stent Broken in Stub bus jumper near CB Y-phase.
SIEMENS - RELIANCE GIS	IntraState	04/09/2021	09.56	04/09/2021	15.54	PO	Removing of bunching work & Connecting of Half Jumper of 220KV Kalwa-TFIPL Line Removing of bunching/ Tap connecting (Siemens LILO) & connecting half jumpers of 220KV Kharghar-Borivali-I Line
JEJURI (400 Kv) - GIS KONDHWA	IntraState	04/09/2021	13.38	04/09/2021	18.57	PO	Due to Hotspot & Replacement of broken (1 insulator) string- R phase.
Bombay Dyeing - Sahara	IntraState	04/09/2021	16.10	04/09/2021	17.05	EO	At Loc No:-146-147 span earth wire snapped. Work of removal of snapped earth wire between Loc 146-147.
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Emco Ict @Bhenda	IntraState	03/09/2021	10.15	03/09/2021	18.38	PO	To attend Oil leakage from top HV Side inspection plate (between B Y Bushing) Top main tank inspection plates (2 Nos. middle) Top LV side inspection plates (4 Nos) Neutral Bushings Inspection plate.
220/132-110kv 100mva Ptr 2 @Oglewadi	IntraState	03/09/2021	10.28	03/09/2021	17.16	PO	1.Attending oil leakage of HV B Ph Turret 2.HV CT Tan delta test 3.T/F Tan delta test, SFRA test 4.Quarterly maintenance work.

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage