

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Sep/2021 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	92.243	2313.485	1) Gujrat	-5.488	-214.757
2) Hydro	22.008	356.863	2) Madhya Pradesh	11.411	140.572
3) Gas	5.084	146.923	3) Chattisgarh	6.120	107.070
Total MSPGCL	119.335	2817.271	4) Maharashtra	167.472	3192.290
B) 1) APML	46.638	1084.810	5) Goa (Amona)	-1.234	-23.782
2) JSWEL	11.491	291.402	Total	178.281	3201.393
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.301	557.026
4) RPL(AMT)	17.601	520.690	b) Mumbai Drawl	23.190	528.044
5) SWPGPL	6.234	116.099	c) MSEDCL Bilateral *	71.978	895.888
6) Other IPP	5.973	124.928	Include PX	42.908	255.514
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.301	557.026
C) 1) TPCL Thermal	14.161	293.106	Include PX	9.022	190.060
2) TPCL Hydro	5.729	82.214	Standby	0.000	0.000
3) TPCL Gas	2.366	61.571	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.590	241.845	1) MSEDCL	385.932	8409.067
D) STATE			2) Mumbai Discoms	57.036	1206.782
1) Thermal	205.931	4986.365	TOTAL STATE	442.968	9615.849
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	27.737	439.077			
3) Gas (A3+B7+C3)	7.450	208.494			
4) Wind	17.913	652.297			
6) SOLAR	5.656	128.221			
TOTAL STATE	264.687	6414.454			

* 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 19 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	3791	3712	3866	3905
MSPGCL Hydro	991	481	2304	315
MSPGCL Gas	239	197	220	240
MSPGCL Total Generation	5021	4390	6390	4460
Central Sector Receipt	9533	8434	7111	5900
WIND	396	734	752	859
CPP / IPP Thermal	3748	3527	3761	3672
CPP / IPP Gas	0	0	0	0
SOLAR	472	895	4	0
Exchange with Mumbai	-1180	-1399	-1031	-577
MSEDCL DEMAND MET	17990	16581	16987	14314
Load Shedding	0	0	0	0
MSEDCL DEMAND	17990	16581	16987	14314
TPCL GENERATION	1055	975	1104	829
AEML GENERATION	495	494	498	495
MUMBAI DEMAND	2730	2868	2633	1901
STATE DEMAND MET	20720	19449	19620	16215
STATE DEMAND	20720	19449	19620	16215
Frequency (Hz)	50.02	49.97	49.96	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 13.27 Hrs	49.75 Hz at 18.39 Hrs	50.01	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 22/Sep/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.21	41.76	120	70
Unit 7	0.00	0.00	0	0
Unit 8	10.48	162.88	511	355
Unit 9	0.00	123.23	0	0
Unit 10	8.94	197.31	375	370
Total	21.63	525.17		
Bhusawal				
Unit 3	0.00	17.05	0	0
Unit 4	9.76	182.36	435	285
Unit 5	0.95	125.94	310	0
Total	10.71	325.36		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	4.49	74.32	202	173
Unit 8	4.52	95.09	199	154
Total	9.01	169.40		
Chandrapur				
Unit 3	0.00	11.53	0	0
Unit 4	0.00	25.91	0	0
Unit 5	5.66	138.29	283	200
Unit 6	4.68	88.61	260	155
Unit 7	6.32	156.81	291	241
Unit 8	6.68	192.74	295	255
Unit 9	6.47	126.51	295	250
Total	29.81	740.40		
Paras				
Unit 3	0.00	22.81	0	0
Unit 4	3.92	86.39	180	135
Total	3.92	109.20		
Khaparkheda				
Unit 1	0.00	24.46	0	0
Unit 2	0.00	34.67	0	0
Unit 3	3.17	72.62	140	125
Unit 4	3.14	72.61	140	126
Unit 5	7.08	148.87	340	270
Total	13.39	353.24		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.78	51.05	184	128
Unit 5	0.00	39.67	0	0
Total	3.78	90.72		
Uran				
All Units	5.08	146.92	250	136
Total	5.08	146.92		
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)	0.38	6.98	17	15
Total	0.38	6.98		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.75	71.04	520	40
Stage 4	7.50	88.44	1005	0
Stage 3	2.81	42.13	320	0
Total	14.06	201.61		
Hydro				
KDPH	0.00	4.44	0	0
VTRNA	0.51	5.49	59	0
TILLARI	0.54	5.01	60	0
BHIRA T.R.	0.43	8.40	40	0
SMLHY_PTN	5.78	117.63	258	228
GHATGHAR	0.68	14.28	250	0
Total	7.95	155.25		
Wind				
Total	17.91	652.30	0	0
Total	17.91	652.30		
CPP				
APML(Mus)	46.64	1084.81	0	0
JSWEL(Mus)	11.49	291.40	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	17.60	520.69	0	0
SWPGPL-Mus	6.23	116.10	0	0
Other(Mus)	5.97	124.93	0	0
Total	87.94	2137.93		
SOLAR				
Total	5.66	128.22	0	0
Total	5.66	128.22		
Tata				
Trombay 5	9.23	191.20	454	274
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.50	38.48	112	0
Trombay 7B	0.87	23.09	59	0
Trombay 8	4.93	101.90	221	139
TATA Hydro	5.73	82.21	404	50
Total	22.26	436.89		
AEML				
DTPS U-1&2	11.59	241.84	499	396
Total	11.59	241.84		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	92.24	2313.48	MSPGCL Total	119.34	2817.27
			MSPGCL Thml+Gas	97.33	2460.41	Koyna 1,2 & 4 Total	11.26	159.48
			MSPGCL Hydro	22.01	356.86	State Total	264.69	6414.45

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	3882	363	231	4476	759	3643	0	0	6343	6348	-608	14618	0	14618	2035	16653	50.04
2	3905	315	240	4460	859	3672	0	0	6543	5900	-577	14314	0	14314	1901	16215	50.02
3	3854	287	240	4381	734	3667	0	0	6374	6562	-601	14743	0	14743	1800	16543	50.02
4	3808	288	230	4326	712	3712	0	0	6342	6437	-586	14601	0	14601	1749	16350	49.99
5	3821	288	250	4359	681	3751	0	0	6621	6674	-503	14962	0	14962	1770	16732	49.99
6	3846	280	220	4346	577	3716	0	0	7576	7725	-543	15821	0	15821	1870	17691	50.01
7	3807	774	220	4801	506	3667	0	23	8346	8076	-607	16466	0	16466	1952	18418	50.03
8	3745	1366	239	5350	518	3684	0	135	8595	8682	-672	17697	0	17697	2123	19820	49.99
9	3770	871	229	4870	397	3700	0	319	9658	9691	-986	17991	0	17991	2423	20414	50.03
10	3791	991	239	5021	396	3748	0	472	9758	9533	-1180	17990	0	17990	2730	20720	50.02
11	3780	987	228	4995	497	3778	0	669	9517	9123	-1353	17709	0	17709	2914	20623	50.01
12	3759	553	237	4549	447	3784	0	789	9431	9038	-1429	17178	0	17178	2960	20138	50.00
13	3712	481	197	4390	734	3527	0	895	9003	8434	-1399	16581	0	16581	2868	19449	49.97
14	3681	414	138	4233	1051	3304	0	823	8275	8056	-1405	16062	0	16062	2709	18770	50.06
15	3646	433	136	4215	1298	3298	0	635	7942	7830	-1520	15756	0	15756	2688	18444	49.99
16	3728	417	138	4283	1551	3465	0	457	7852	7712	-1537	15931	0	15931	2668	18599	50.01
17	3816	423	136	4375	1616	3632	0	339	7646	7541	-1469	16034	0	16034	2624	18658	49.99
18	3842	904	176	4922	1247	3693	0	96	7240	6974	-1199	15733	0	15733	2626	18359	50.00
19	3866	2304	220	6390	752	3761	0	4	6545	7111	-1031	16987	0	16987	2633	19620	49.96
20	4000	2425	230	6655	680	3776	0	0	6448	6832	-1003	16940	0	16940	2674	19614	50.05
21	4006	2062	220	6288	517	3782	0	0	6198	6337	-855	16068	0	16068	2500	18568	50.04
22	3984	2081	230	6295	514	3734	0	0	5954	5910	-738	15715	0	15715	2377	18092	50.02
23	4087	1705	230	6022	449	3744	0	0	5815	5828	-701	15342	0	15342	2254	17596	50.02
24	4107	996	230	5333	421	3701	0	0	6020	5927	-688	14694	0	14694	2188	16882	50.03
MUs	92.24	22.01	5.08	119.33	17.91	87.94	0.00	5.66	180.04	178.28	-23.19	385.93	0.00	385.93	57.04	442.97	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 22/Sep/2021

Position as on 6.30 Hrs of 23/Sep/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
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 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)	
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	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	
IPP	JSW (J) U1	300	02/09/2021	08.41		Continued.	Turbine vibrations high.	
IPP	JSW (J) U3	300	07/09/2021	10.20		Continued.	Non availability of load scheduling.	
MSPGCL	Uran Unit A0	120	10/09/2021	01.54		Continued.	Turbine bearing Vabration high	
MSPGCL	Khaparkheda Unit 1	210	11/09/2021	19.37		Continued.	Coal Shortage.	
MSPGCL	Khaparkheda Unit 2	210	12/09/2021	21.59		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 9	660	15/09/2021	05.19		Continued.	Air pre-heater work.	
MSPGCL	Chandrapur Unit 4	210	15/09/2021	23.54		Continued.	Poor coal receipt	
MSPGCL	Uran Unit 5	108	17/09/2021	12.09		Continued.	Tripped On Under exciter Protection.	
MSPGCL	Bhusawal Unit 3	210	18/09/2021	03.30		Continued.	Coal Shortage	
MSPGCL	Bhusawal Unit 5	500	18/09/2021	21.00	22/09/2021	19.16	Coal Shortage	
IPP	Adani U-5	660	19/09/2021	03.47		Continued.	Abnormal Sound in Turbine governing system.	
MSPGCL	Nasik Unit 5	210	19/09/2021	20.50		Continued.	Coal Shortage.	
MSPGCL	Paras Unit 3	250	21/09/2021	21.30		Continued.	Turbine bearing Vabration high	
IPP	RPL(AMT) U-3	270	22/09/2021	03.54		Continued.	Coal Shortage	
MSPGCL	Uran Unit 6	108	22/09/2021	12.58	22/09/2021	17.28	Gas shortage	
TPC-G	Trombay 7B	60	22/09/2021	13.54	22/09/2021	20.58	Gas shortage	
TPC-G	Trombay 7A	120	22/09/2021	14.04	22/09/2021	17.42	Gas shortage	
IPP	RPL(AMT) U-5	270	23/09/2021	00.44		Continued.	Bottom Ash Prob.(conv. to coal shortage 18.00hrs,	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 22/Sep/2021

Position as on 6.30 Hrs of 23/Sep/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							28.09.2021)	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 23/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/Trippings							
Chandrapur - Padghe HvdC Pole 1	IntraState	23/09/2021	22.29		Continued.	EO	Work AT PADGHE End.
400 KV LINE Outages/Trippings							
Karad - Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Parli(MS)-Parli (PG) I	InterState	22/09/2021	12.22	22/09/2021	16.27	EO	29B, Y Phase Isolator work
Dhule Khandwa I	InterState	23/09/2021	22.36	23/09/2021	23.03	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	21/09/2021	19.16	23/09/2021	08.29	HT	Over Voltage
Karad - Jaigad - II	IntraState	21/09/2021	20.16	22/09/2021	10.10	HT	Over Voltage
Akola II - RPL(Rattaniindia) Ckt I	IntraState	22/09/2021	09.09	22/09/2021	19.47	PO	Replacement of Metering CVT
Koradi-Bhusawal	IntraState	22/09/2021	10.10	22/09/2021	14.45	EO	To attend Hot Spot
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	23/09/2021	08.55	23/09/2021	19.34	PO	Work at PGCL end PUNE.
Padghe - Nagothane - I	IntraState	23/09/2021	10.37	23/09/2021	22.26	EO	For shifting of 400 kV NGTN-Padghe I on TBC on dt.23.09.21.
Jaigad-Karad Ckt-II	IntraState	23/09/2021	10.55	23/09/2021	17.36	PO	For additional earthing.
Bhusawal-Aurangabad	IntraState	23/09/2021	20.37		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	07/09/2021	20.23		Continued.	T	Differential protection.
400/220 KV 500MVA ICT II @ Nanded	IntraState	22/09/2021	11.17	22/09/2021	18.35	PO	Testing Work
400/220 Kv 500 Mva Ict 1 @Lamboti	IntraState	22/09/2021	12.40	22/09/2021	14.58	PO	Testing Work
400/220KV 500MVA ICT 2@koradi 2	IntraState	22/09/2021	13.09	22/09/2021	16.29	PO	Tan Delta Measurment of CTs
Ict Spare Single Unit 167 Mva Ict @Jejuri	IntraState	23/09/2021	10.28	23/09/2021	18.27	PO	For confirmation of HV bushing Tan Delta value and CTR repair work.
220 KV LINE Outages/Trippings							
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)
Uran - Kharghar I	IntraState	20/09/2021	15.24		Continued.	PO	Cable charging and connection (RFC 02.15)
Badnera Tss-Ii	IntraState	21/09/2021	22.55	22/09/2021	23.48	T	R-Ph metering CT burst.
satara MIDC- Malharpeth	IntraState	22/09/2021	09.11	22/09/2021	13.25	PO	Replacement of Long Rod polymer Insulator strings
Trombay-Salsette II	IntraState	22/09/2021	09.39	22/09/2021	16.25	PO	Work in vicinity
Ambazari-Abhijeet	IntraState	22/09/2021	10.20	22/09/2021	12.00	T	Master Tripped
Abhijeet-Wardha-Ii	IntraState	22/09/2021	10.20	22/09/2021	12.03	T	Master Tripped
Parli New Tps - Beed Ckt 1	IntraState	22/09/2021	10.33	22/09/2021	15.03	PO	Replacement of Disc Insulator String
Tuljapur-Lamboti(Tap to Vairag s/st.)	IntraState	22/09/2021	12.54	22/09/2021	15.30	PO	Quarterly Maintenance Work
Parli New Tps - Beed Ckt 2	IntraState	22/09/2021	15.25	22/09/2021	17.15	PO	Replacement of Disc Insulator String
PANDHARPUR BHALVANI	IntraState	22/09/2021	16.15	22/09/2021	16.45	PO	Testing Work
Trombay-Salsette II	IntraState	22/09/2021	23.47	23/09/2021	04.00	PO	Metro work in vicinity.
Phulambri-Bhokardan	IntraState	23/09/2021	05.36	23/09/2021	05.38	T	R PH, Z1, 2.23KA,23 KM. CKT Tripped at end only.
Chandrapur GCR - Cpurrlytss1	IntraState	23/09/2021	09.22	23/09/2021	23.07	PO	Diagnostic Testing Work & Routine maintenance work.
Ambazari-Kalmeshwar	IntraState	23/09/2021	09.58	23/09/2021	16.32	PO	For replacement of flashed over string various locations.
Bhugaon-Ugml	IntraState	23/09/2021	10.25	23/09/2021	17.42	PO	Measurement of Tan Delta & IR Value of CT & IR Value of PT Measurement of CB TIMING, CRM.

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 22/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 23/Sep/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Versova Gorai Line	IntraState	23/09/2021	10.58	23/09/2021	15.11	EO	Attending and rectification of hotspot (160 dec) on R-ph LA termination at CTT tower LS 303A.
Abhijeet-Wardha-II	IntraState	23/09/2021	12.21	23/09/2021	13.01	T	Distance Protection
Kalmeshwar-Kalmeshwar Rly Tss 1	IntraState	23/09/2021	14.33		Continued.	EO	For Replacement of drop Jumpers of DPI/S5 & S3 at RAILWAY TSS end, which was damaged due to lightning. As per their letter DTD 23.09.2021.
Trombay-Salsette II	IntraState	23/09/2021	23.47	23/09/2021	04.00	PO	Metro Work In Vicinity.
220 KV ICT Outages/Trippings							
220/132 KV 100MVA ICT-I @ Walchandnagar	IntraState	22/09/2021	10.28	22/09/2021	19.31	PO	OLTC Overhauling work.
220/132 KV 100MVA ICT-II @ Walchandnagar	IntraState	23/09/2021	10.10	23/09/2021	17.05	PO	OLTC Overhauling Work.
220/132 kV 200 MVA ICT- I @ Nanded	IntraState	23/09/2021	10.34	23/09/2021	12.25	PO	For CTR Fire Survival cable Inspection/Replacement by M/S CTR PUNE.
110 KV LINE Outages/Trippings							
Tata Borivli MSETCL Borivli 2	IntraState	23/09/2021	09.55	23/09/2021	17.44	PO	For 3rd party work in vicinity.

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