

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Sep/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	95.885	2508.128	1) Gujrat	-8.153	-231.447
2) Hydro	30.360	414.812	2) Madhya Pradesh	14.468	167.006
3) Gas	5.782	158.316	3) Chattisgarh	6.420	119.860
Total MSPGCL	132.027	3081.256	4) Maharashtra	155.948	3509.863
B) 1) APLM	47.524	1181.950	5) Goa (Amona)	-1.265	-25.967
2) JSWEL	12.995	316.786	Total	167.418	3539.315
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.557	604.347
4) RPL(AMT)	17.855	551.588	b) Mumbai Drawl	22.174	572.836
5) SWPGPL	6.178	128.448	c) MSEDCL Bilateral *	68.565	1027.393
6) Other IPP	5.429	135.280	Include PX	39.311	333.161
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.557	604.347
C) 1) TPCL Thermal	15.930	324.674	Include PX	11.445	209.701
2) TPCL Hydro	5.289	92.619	Standby	0.000	0.000
3) TPCL Gas	2.972	67.027	H) ENERGY CATERED (MUs)		
4) AEML Thermal	12.011	265.787	1) MSEDCL	381.555	9175.238
D) STATE			2) Mumbai Discoms	58.376	1322.945
1) Thermal	213.807	5412.641	TOTAL STATE	439.931	10498.183
(A1+C1+C4+(B1-B6))					
2) Hydro	35.649	507.431			
(A2+C2)					
3) Gas	8.754	225.343			
(A3+B7+C3)					
4) Wind	8.250	673.912			
6) SOLAR	6.053	139.539			
TOTAL STATE	272.513	6958.866			

* 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 3 Hrs
MSPGCL Thermal	3925	3932	4574	3681
MSPGCL Hydro	963	699	2182	984
MSPGCL Gas	238	226	310	230
MSPGCL Total Generation	5126	4857	7066	4895
Central Sector Receipt	8796	7875	6623	6194
WIND	233	133	399	292
CPP / IPP Thermal	3755	3808	4008	3521
CPP / IPP Gas	0	0	0	0
SOLAR	664	765	0	0
Exchange with Mumbai	-1237	-1565	-859	-564
MSEDCL DEMAND MET	17337	15873	17237	14338
Load Shedding	0	0	0	0
MSEDCL DEMAND	17337	15873	17237	14338
TPCL GENERATION	995	846	1337	806
AEML GENERATION	500	500	501	502
MUMBAI DEMAND	2732	2911	2697	1872
STATE DEMAND MET	20069	18784	19934	16210
STATE DEMAND	20069	18784	19934	16210
Frequency (Hz)	50.00	49.98	49.87	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 13.00 Hrs	49.5 Hz at 18.42 Hrs	49.97	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 24/Sep/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.54	47.82	180	100
Unit 7	0.00	0.00	0	0
Unit 8	7.06	181.36	426	248
Unit 9	0.00	123.23	0	0
Unit 10	6.87	212.98	371	250
Total	17.48	565.38		
Bhusawal				
Unit 3	0.00	17.05	0	0
Unit 4	9.18	200.90	430	315
Unit 5	8.86	143.42	390	330
Total	18.05	361.37		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	4.41	83.15	225	176
Unit 8	4.48	104.03	201	175
Total	8.89	187.18		
Chandrapur				
Unit 3	0.00	11.53	0	0
Unit 4	0.00	25.91	0	0
Unit 5	4.64	146.86	250	100
Unit 6	5.00	98.44	260	150
Unit 7	6.24	169.35	286	244
Unit 8	7.04	206.64	386	252
Unit 9	6.56	139.86	368	240
Total	29.48	798.60		
Paras				
Unit 3	0.00	22.81	0	0
Unit 4	4.12	94.48	206	138
Total	4.12	117.30		
Khaparkheda				
Unit 1	0.70	25.16	70	0
Unit 2	1.13	35.80	125	0
Unit 3	3.03	78.61	143	110
Unit 4	2.78	78.44	140	100
Unit 5	6.58	161.91	320	250
Total	14.22	379.91		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.65	58.72	183	123
Unit 5	0.00	39.67	0	0
Total	3.65	98.39		
Uran				
All Units	5.78	158.32	310	224
Total	5.78	158.32		
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)	0.32	7.61	17	0
Total	0.32	7.61		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	6.38	82.98	530	40
Stage 4	11.64	110.84	1010	0
Stage 3	4.32	49.92	320	0
Total	22.35	243.75		
Hydro				
KDPH	0.00	4.44	0	0
VTRNA	0.37	6.44	60	0
TILLARI	0.60	5.61	60	0
BHIRA T.R.	0.40	9.18	40	0
SMLHY_PTN	5.90	129.34	264	230
GHATGHAR	0.74	16.06	250	0
Total	8.01	171.06		
Wind				
Total	8.25	673.91	0	0
Total	8.25	673.91		
CPP				
APML(Mus)	47.52	1181.95	0	0
JSWEL(Mus)	13.00	316.79	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	17.86	551.59	0	0
SWPGPL-Mus	6.18	128.45	0	0
Other(Mus)	5.43	135.28	0	0
Total	89.98	2314.05		
SOLAR				
Total	6.05	139.54	0	0
Total	6.05	139.54		
Tata				
Trombay 5	10.55	212.07	479	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.73	41.58	116	55
Trombay 7B	1.24	25.44	67	44
Trombay 8	5.38	112.61	228	220
TATA Hydro	5.29	92.62	454	0
Total	24.19	484.32		
AEML				
DTPS U-1&2	12.01	265.79	502	497
Total	12.01	265.79		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	95.88	2508.13	MSPGCL Total	132.03	3081.26
			MSPGCL Thml+Gas	101.67	2666.44	Koyna 1,2 & 4 Total	18.03	193.83
			MSPGCL Hydro	30.36	414.81	State Total	272.51	6958.87

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/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	3764	1010	240	5014	483	3430	0	0	5841	5982	-695	14214	0	14214	2120	16334	50.03
2	3693	1069	239	5001	394	3490	0	0	6084	6170	-565	14490	0	14490	1992	16482	50.04
3	3681	984	230	4895	292	3521	0	0	6330	6194	-564	14338	0	14338	1872	16210	49.99
4	3778	820	250	4848	270	3571	0	0	6370	6276	-522	14443	0	14443	1813	16256	49.98
5	3770	861	229	4860	284	3604	0	0	6710	6515	-508	14755	0	14755	1797	16552	49.99
6	3771	1253	240	5264	317	3699	0	0	7230	7234	-574	15940	0	15940	1864	17804	49.97
7	3812	1377	230	5419	276	3688	0	39	8195	8060	-694	16788	0	16788	1947	18735	49.99
8	3856	1723	240	5819	229	3692	0	261	8593	8303	-831	17473	0	17473	2139	19612	49.97
9	3889	1186	240	5315	227	3727	0	514	8701	8561	-1010	17334	0	17334	2439	19773	50.02
10	3925	963	238	5126	233	3755	0	664	8810	8796	-1237	17337	0	17337	2732	20069	50.00
11	3962	664	239	4865	212	3746	0	727	8820	8641	-1378	16813	0	16813	2917	19730	50.00
12	3893	414	226	4533	169	3852	0	857	8810	8621	-1465	16567	0	16567	2972	19539	50.01
13	3932	699	226	4857	133	3808	0	765	7826	7875	-1565	15873	0	15873	2911	18784	49.98
14	4048	841	225	5114	170	3820	0	743	7521	7369	-1405	15811	0	15811	2778	18589	49.93
15	4012	610	235	4857	217	3830	0	633	8147	7375	-1333	15579	0	15579	2799	18378	49.98
16	4000	764	224	4988	287	3842	0	459	7586	7403	-1248	15731	0	15731	2793	18524	49.93
17	3986	1477	226	5689	345	3848	0	268	7165	6907	-1121	15936	0	15936	2780	18716	49.98
18	4013	1845	240	6098	324	3849	0	111	6846	6601	-995	15988	0	15988	2734	18722	49.89
19	4260	2196	300	6756	364	3916	0	12	6382	6689	-872	16865	0	16865	2696	19561	49.70
20	4574	2182	310	7066	399	4008	0	0	6180	6623	-859	17237	0	17237	2697	19934	49.87
21	4563	1869	239	6671	591	3857	0	0	5646	5809	-750	16178	0	16178	2564	18742	49.94
22	4288	2102	238	6628	664	3729	0	0	5309	5513	-682	15852	0	15852	2436	18288	49.97
23	4244	1977	239	6460	704	3791	0	0	5139	4875	-649	15181	0	15181	2317	17498	50.03
24	4171	1474	239	5884	666	3908	0	0	5153	5026	-652	14832	0	14832	2267	17099	50.02
MUs	95.88	30.36	5.78	132.03	8.25	89.98	0.00	6.05	169.39	167.42	-22.17	381.55	0.00	381.55	58.38	439.93	49.97

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 24/Sep/2021

Position as on 6.30 Hrs of 25/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	24/09/2021	01.44	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	24/09/2021	11.28	Coal Shortage.	
MSPGCL	Khaparkheda Unit 2	210	12/09/2021	21.59	24/09/2021	10.33	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	25/09/2021	17.53	Tripped On Under exciter Protection.	
MSPGCL	Bhusawal Unit 3	210	18/09/2021	03.30		Continued.	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	25/09/2021	03.45	Turbine bearing Vabration high	
IPP	RPL(AMT) U-3	270	22/09/2021	03.54		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	23/09/2021	00.44		Continued.	Bottom Ash Prob.(conv. to coal shortage 18.00hrs,28.09.2021)	
MSPGCL	Koyna STG-IV Unit-4	250	24/09/2021	17.30	24/09/2021	21.00	Rotor earth fault.	
MSPGCL	Uran Unit 5	108	25/09/2021	20.04		Continued.	Gas shortage	
MSPGCL	Koradi Unit 6	210	25/09/2021	23.15		Continued.	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 25/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	24/09/2021	00.54	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
Koradi Satpur	InterState	25/09/2021	11.06	25/09/2021	23.58	PO	Line Maintenance work
Bhusawal-Aurangabad	IntraState	23/09/2021	20.37	24/09/2021	07.27	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	24/09/2021	20.22	25/09/2021	09.30	HT	Over Voltage
Alkud-Kolhapur(Talandage)	IntraState	25/09/2021	00.14	25/09/2021	11.11	T	Distance Protection
Karad - Talandge Ckt 2	IntraState	25/09/2021	09.55	25/09/2021	14.36	EO	Attending Hot Spot
Khadka- Deepnagar Ckt 1	IntraState	25/09/2021	10.03	25/09/2021	19.02	PO	Testing Work
Khadka-Aurangabad (Waluj)	IntraState	25/09/2021	20.27		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.
400/220KV 315MVA ICT-II @Akola (M)	IntraState	24/09/2021	10.02	24/09/2021	13.51	PO	Routine maintenance & Diagnostic testing 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)
EKLAHARE (OCR) Nasik Navsari II	InterState	24/09/2021	09.58	24/09/2021	20.53	PO	Line work:For replacement of old disk insulator by porcelain long rod, Diagnostic testing,broken/flash over string replacement found during monkey patrolling, signature analysis, TLS fixing if issued.
A'bad(PG)-Shendra Ckt II	InterState	24/09/2021	11.22	24/09/2021	17.13	PO	Diagnostic testing work. CBT,CRM,TAN D
PARLY (PG) - OSMANABAD	InterState	24/09/2021	19.15	24/09/2021	20.16	HT	Line opening due to O/D at low frequency.
Uran - Kharghar I	IntraState	20/09/2021	15.24	25/09/2021	12.42	PO	Cable charging and connection (RFC 02.15)
Kalmeshwar-Kalmeshwar Rly Tss 1	IntraState	23/09/2021	14.33	24/09/2021	19.29	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.
Devgaon - Rangari	IntraState	24/09/2021	10.44	24/09/2021	14.38	PO	Routine maintenance & Diagnostic testing work.
Umred-Kanhan 2	IntraState	24/09/2021	17.07	24/09/2021	17.34	T	B/UP,Y-B PH,2.18KA,
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	24/09/2021	18.39	24/09/2021	20.17	HT	Line opening due to O/D at low frequency.
Bhugaon- Wardha	IntraState	24/09/2021	18.39	24/09/2021	20.17	HT	Line opening due to O/D at low frequency.
Pusad-WardhaPG(Deoli)	IntraState	24/09/2021	19.11	24/09/2021	20.06	HT	Line opening due to O/D at low frequency.
Nadgaonpeth-Amravati	IntraState	25/09/2021	06.56	25/09/2021	11.58	EO	To attend Hot Spot
Dondaicha- Shahada	IntraState	25/09/2021	10.16	25/09/2021	18.07	PO	Replacement of Jumper CT
Theur-Jejuri	IntraState	25/09/2021	10.52	25/09/2021	14.34	PO	Half yearly maintenance work
Badnera - Nandgaonpeth	IntraState	25/09/2021	12.08	25/09/2021	14.56	PO	Line Maintenance work
PANDHARPUR BHALVANI	IntraState	25/09/2021	13.53	25/09/2021	14.50	EO	Emergency Tree cutting
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Ict 1 @Tuljapur	IntraState	24/09/2021	15.40	24/09/2021	16.09	EO	PRV Relay testing, TNC Switch replacement.
220/66 Kv 150 Mva Emco Ict 2	IntraState	24/09/2021	16.48	24/09/2021	19.32	EO	For replacement of differential

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 24/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 25/Sep/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Gadchandur							relay having display problem.
220/132 Kv 100 Mva lct 1 @Sawangi	IntraState	25/09/2021	11.35	25/09/2021	17.32	PO	Attending Oil Leakage