

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Sep/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	104.784	3163.781	1) Gujrat	-1.582	-271.275
2) Hydro	31.807	532.326	2) Madhya Pradesh	9.793	219.337
3) Gas	5.499	188.146	3) Chattisgarh	5.500	150.830
Total MSPGCL	142.090	3884.253	4) Maharashtra	140.344	4387.907
B) 1) APLM	51.466	1465.683	5) Goa (Amona)	-1.277	-32.813
2) JSWEL	15.339	403.557	Total	152.778	4453.986
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.443	748.709
4) RPL(AMT)	14.440	651.314	b) Mumbai Drawl	23.939	715.163
5) SWPGPL	5.899	163.896	c) MSEDCL Bilateral *	37.212	1307.180
6) Other IPP	4.884	164.537	Include PX	9.029	441.642
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.443	748.709
C) 1) TPCL Thermal	16.777	417.287	Include PX	5.837	251.893
2) TPCL Hydro	4.715	117.351	Standby	0.000	0.000
3) TPCL Gas	3.338	83.093	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.359	327.096	1) MSEDCL	379.073	11433.261
D) STATE			2) Mumbai Discoms	58.128	1659.989
1) Thermal	222.948	6757.151	TOTAL STATE	437.201	13093.250
(A1+C1+C4+(B1-B6))					
2) Hydro	36.522	649.677			
(A2+C2)					
3) Gas	8.837	271.239			
(A3+B7+C3)					
4) Wind	9.277	791.449			
6) SOLAR	6.839	169.749			
TOTAL STATE	284.423	8639.265			

* 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 18 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4175	4558	4786	4144
MSPGCL Hydro	1320	1674	2345	394
MSPGCL Gas	229	225	299	230
MSPGCL Total Generation	5724	6457	7430	4768
Central Sector Receipt	7956	6279	6232	5554
WIND	391	234	570	618
CPP / IPP Thermal	3774	3989	4216	3513
CPP / IPP Gas	0	0	0	0
SOLAR	823	94	0	0
Exchange with Mumbai	-1423	-996	-909	-570
MSEDCL DEMAND MET	17245	16057	17539	13883
Load Shedding	0	0	0	0
MSEDCL DEMAND	17245	16057	17539	13883
TPCL GENERATION	985	1259	1270	923
AEML GENERATION	337	498	499	336
MUMBAI DEMAND	2745	2753	2678	1829
STATE DEMAND MET	19990	18810	20217	15712
STATE DEMAND	19990	18810	20217	15712
Frequency (Hz)	50.02	49.99	49.95	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 12.03 Hrs	49.69 Hz at 18.27 Hrs	49.99	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 30/Sep/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.39	67.86	155	125
Unit 7	0.00	0.00	0	0
Unit 8	12.18	247.74	558	420
Unit 9	11.78	165.25	553	422
Unit 10	0.00	246.63	0	0
Total	27.35	727.47		
Bhusawal				
Unit 3	0.00	17.05	0	0
Unit 4	9.06	254.40	405	350
Unit 5	8.90	195.69	400	350
Total	17.96	467.15		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	4.32	109.42	245	169
Unit 8	3.42	123.61	175	0
Total	7.74	233.03		
Chandrapur				
Unit 3	0.00	11.53	0	0
Unit 4	0.00	25.91	0	0
Unit 5	4.27	179.96	290	0
Unit 6	4.81	130.15	240	151
Unit 7	6.01	199.72	291	212
Unit 8	0.45	241.47	231	47
Unit 9	8.32	182.84	422	309
Total	23.85	971.58		
Paras				
Unit 3	3.85	45.23	186	105
Unit 4	0.00	100.09	0	0
Total	3.85	145.32		
Khaparkheda				
Unit 1	2.56	40.35	125	95
Unit 2	2.61	52.15	130	100
Unit 3	3.12	97.60	140	120
Unit 4	3.20	97.62	149	127
Unit 5	9.51	212.07	410	380
Total	21.01	499.79		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.03	79.76	150	106
Unit 5	0.00	39.67	0	0
Total	3.03	119.43		
Uran				
All Units	5.50	188.15	317	179
Total	5.50	188.15		
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)	0.14	7.99	24	0
Total	0.14	7.99		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	6.01	106.46	515	40
Stage 4	13.33	145.00	1026	0
Stage 3	3.98	63.19	320	0
Total	23.32	314.65		
Hydro				
KDPH	0.00	4.44	0	0
VTRNA	0.82	9.43	60	0
TILLARI	0.00	7.03	0	0
BHIRA T.R.	0.40	11.45	40	0
SMLHY_PTN	6.57	167.49	290	253
GHATGHAR	0.70	17.84	250	0
Total	8.48	217.68		
Wind				
Total	9.28	791.45	0	0
Total	9.28	791.45		
CPP				
APML(Mus)	51.47	1465.68	0	0
JSWEL(Mus)	15.34	403.56	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	14.44	651.31	0	0
SWPGPL-Mus	5.90	163.90	0	0
Other(Mus)	4.88	164.54	0	0
Total	92.03	2848.99		
SOLAR				
Total	6.84	169.75	0	0
Total	6.84	169.75		
Tata				
Trombay 5	11.52	274.47	483	475
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.98	50.78	114	63
Trombay 7B	1.36	32.31	66	51
Trombay 8	5.26	142.82	223	215
TATA Hydro	4.72	117.35	426	0
Total	24.83	617.73		
AEMIL				
DTPS U-1&2	9.36	327.10	502	334
Total	9.36	327.10		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	104.78	3163.78	MSPGCL Total	142.09	3884.25
			MSPGCL Thml+Gas	110.28	3351.93	Koyna 1,2 & 4 Total	19.34	251.46
			MSPGCL Hydro	31.81	532.33	State Total	284.42	8639.26

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/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	4294	458	240	4992	748	3439	0	0	5713	5666	-717	14128	0	14128	2074	16202	49.96
2	4232	465	230	4927	591	3464	0	0	5550	5677	-644	14015	0	14015	1925	15940	50.03
3	4144	394	230	4768	618	3513	0	0	5512	5554	-570	13883	0	13883	1829	15712	50.03
4	4155	641	231	5027	439	3504	0	0	5507	5640	-545	14065	0	14065	1762	15827	50.00
5	4104	889	230	5223	491	3654	0	0	5496	5725	-547	14546	0	14546	1755	16301	49.98
6	4117	1617	240	5974	395	3649	0	0	5983	6014	-592	15440	0	15440	1824	17264	49.93
7	4110	1982	240	6332	339	3767	0	43	6821	6744	-667	16558	0	16558	1916	18474	49.92
8	4175	1784	230	6189	302	3811	0	297	7456	7387	-952	17034	0	17034	2132	19166	49.98
9	4132	1444	220	5796	311	3764	0	576	7984	7813	-1213	17047	0	17047	2435	19482	50.05
10	4175	1320	229	5724	391	3774	0	823	7532	7956	-1423	17245	0	17245	2745	19990	50.02
11	4146	1379	229	5754	322	3781	0	915	7421	7468	-1572	16668	0	16668	2929	19597	50.02
12	4292	1088	217	5597	260	3778	0	920	7495	7211	-1627	16139	0	16139	2977	19116	50.02
13	4287	528	227	5042	208	3915	0	788	7639	7386	-1571	15768	0	15768	2903	18671	49.98
14	4308	494	225	5027	143	3910	0	762	7346	7133	-1496	15479	0	15479	2783	18262	50.02
15	4363	829	226	5418	171	3830	0	710	7100	7298	-1474	15953	0	15953	2807	18760	50.01
16	4468	1215	225	5908	151	3900	0	554	6906	6712	-1325	15900	0	15900	2805	18705	49.89
17	4450	1235	236	5921	185	3955	0	348	6421	6505	-1117	15797	0	15797	2793	18590	50.01
18	4558	1674	225	6457	234	3989	0	94	6345	6279	-996	16057	0	16057	2753	18810	49.99
19	4768	2180	317	7265	379	4186	0	9	6070	6123	-960	17002	0	17002	2720	19722	49.86
20	4786	2345	299	7430	570	4216	0	0	6278	6232	-909	17539	0	17539	2678	20217	49.95
21	4675	2360	204	7239	703	4143	0	0	5365	5295	-877	16503	0	16503	2582	19085	49.98
22	4640	2267	179	7086	523	4118	0	0	5187	4987	-774	15940	0	15940	2439	18379	50.02
23	4719	1720	190	6629	456	4003	0	0	5132	4985	-695	15378	0	15378	2318	17696	50.02
24	4686	1499	180	6365	347	3965	0	0	5147	4988	-676	14989	0	14989	2244	17233	50.01
MUs	104.78	31.81	5.50	142.09	9.28	92.03	0.00	6.84	153.41	152.78	-23.94	379.07	0.00	379.07	58.13	437.20	49.99

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 30/Sep/2021

Position as on 6.30 Hrs of 01/Oct/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
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.	
MSPGCL	Uran Unit A0	120	10/09/2021	01.54		Continued.	Turbine bearing Vabration high	
MSPGCL	Chandrapur Unit 4	210	15/09/2021	23.54		Continued.	Poor coal receipt	
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.	
IPP	RPL(AMT) U-3	270	22/09/2021	03.54	30/09/2021	12.20	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	Paras Unit 4	250	26/09/2021	07.47		Continued.	Coal Shortage	
MSPGCL	Uran Unit 5	108	26/09/2021	20.23	30/09/2021	17.53	Gas shortage.	
MSPGCL	Parli Unit 8	250	28/09/2021	20.04	30/09/2021	01.57	UAT Problem.	
MSPGCL	Koradi Unit 10	660	28/09/2021	22.46		Continued.	Poor coal receipt	
IPP	RPL(AMT) U-2	270	29/09/2021	01.15		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit-8	500	29/09/2021	21.59	30/09/2021	21.26	Superheated spray line leakage.	
MSPGCL	Chandrapur Unit 5	500	30/09/2021	03.41	30/09/2021	06.50	Drum level high.	
MSPGCL	Uran Unit 5	108	30/09/2021	20.11		Continued.	Gas shortage	
MSPGCL	Uran Unit 6	108	01/10/2021	00.06	01/10/2021	06.51	Gas shortage	
MSPGCL	Chandrapur Unit 6	500	01/10/2021	05.38	01/10/2021	09.02	Loss of Reheat protection	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 30/Sep/2021

Position as on 6.30 Hrs of 01/Oct/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-3	270	01/10/2021	09.45	01/10/2021	15.05	Turbine dynamics balancing work	
IPP	SWPGPL U-2	135	01/10/2021	15.30		Continued.	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 30/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 01/Oct/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
Akola Wardha I	InterState	29/09/2021	04.59	30/09/2021	07.43	T	Distance Protection
Dhule Sar'Sarovar II	InterState	01/10/2021	08.17	01/10/2021	17.38	PO	Replacement of damaged Earth wire
Kolhapur Solapur (PG) II	InterState	01/10/2021	11.03	01/10/2021	16.46	T	Distance Protection
Dhule Sar'Sarovar I	InterState	01/10/2021	14.01	01/10/2021	15.39	T	Distance Protection
Koradi 2-IEPL	IntraState	26/09/2021	07.00		Continued.	PO	For for height raising work across.
koaradi II - Wardha(PG)	IntraState	26/09/2021	07.29		Continued.	PO	For for height raising work across Samruddhi highway at chainage No.23+650 (tower no 192 & 193)
Khadka-Aurangabad (Waluj)	IntraState	28/09/2021	20.36		Continued.	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	30/09/2021	12.23	30/09/2021	17.17	PO	Insulator String replacement
Padghe - Nagothane - II	IntraState	01/10/2021	11.47		Continued.	T	Distance Protection(RFC 20.55Hrs)
400 KV ICT Outages/Tripping							
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	07/09/2021	20.23		Continued.	T	Differential protection.
400/220/33 Kv 315 Mva Ict 2 @Parali (Girwali)	IntraState	30/09/2021	10.01	30/09/2021	21.27	PO	Bay maintenance work
400/220kv, 500 MVA ICT-II @Deepnagar	IntraState	01/10/2021	09.08	01/10/2021	18.31	PO	Bay Maintenance and testing work
400 Kv 105 Mva Cgl Spare Ict @Dhule	IntraState	01/10/2021	09.54		Continued.	PO	400KV CGL make CB overhauling bye OEM Agency.
400/220 KV 500 MVA ICT- I @Warora	IntraState	01/10/2021	10.04	01/10/2021	16.43	PO	Routine Maintenance Work
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	01/10/2021	19.00	01/10/2021	23.34	T	Differential 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)
Tata Borivli MSETCL Borivli 4	IntraState	26/09/2021	20.49		Continued.	PO	for shifting to Spare bay in GIS.
Dhamangaon New - Badnera	IntraState	29/09/2021	09.00	30/09/2021	00.18	PO	Replacement of Aux. Isolator of 220KV Dhamangaon Bay
Badnera Tss-Ii	IntraState	29/09/2021	09.40	30/09/2021	16.25	PO	Replacement of Aux. Isolator of 220KV Dhamangaon Bay
Dondaicha- Shahada	IntraState	29/09/2021	13.25	30/09/2021	02.10	T	Distance Protection
satara MIDC- Malharpeth	IntraState	29/09/2021	20.54	30/09/2021	11.21	T	Distance Protection
Trombay Salsette 1 Backbay	IntraState	29/09/2021	23.25	30/09/2021	05.38	PO	Metro-4 work in vicinity.
Hinganghat - Hinganghat Rly TSS-2	IntraState	30/09/2021	00.30	30/09/2021	13.16	T	Distance Protection
Pedambe-Pophali	IntraState	30/09/2021	08.35	30/09/2021	16.15	PO	Line Maintenance work
WALCHANDNAGAR - PHALTAN MIDC	IntraState	30/09/2021	09.10	30/09/2021	15.45	PO	Quarterly Maintenance Work
Trombay - Kalwa	IntraState	30/09/2021	09.11	30/09/2021	12.11	PO	CB Mechanism overhauling work
Mumewadi -Halkarni ckt-I	IntraState	30/09/2021	10.05	30/09/2021	14.11	PO	Replacement of Cross arm
VILEBHAGAD KANDALGAON	IntraState	30/09/2021	10.14	30/09/2021	18.15	PO	Jumper Nut Bolt Tightening work
Karad(400kv) - Wathar	IntraState	30/09/2021	10.26	30/09/2021	14.10	PO	Quarterly Maintenance Work
BHALVANI VARKUTI MALWADI	IntraState	30/09/2021	10.30	30/09/2021	16.33	PO	Conversion of SSN to DSN
Nanded-Parbhani	IntraState	30/09/2021	10.53	30/09/2021	14.27	PO	Tree Cutting
Kandalgaon - Bhira	IntraState	30/09/2021	11.23	30/09/2021	13.45	T	Distance Protection
Dhule - Dondaicha Ckt	IntraState	30/09/2021	11.34	30/09/2021	15.46	EO	To attend Hot Spot
Tuljapur-Lamboti(Tap to Vairag s/st.)	IntraState	30/09/2021	12.11	30/09/2021	13.11	T	Distance Protection

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 30/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 01/Oct/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Borivali - Ghodbunder	IntraState	01/10/2021	09.15	01/10/2021	12.29	EO	To attend Hot Spot
Karad - Vita Ckt- I	IntraState	01/10/2021	09.45	01/10/2021	17.20	PO	Conversion of SSN to DSN
Chandrapur GCR - Sicom I	IntraState	01/10/2021	10.19	01/10/2021	19.55	PO	Routine Maintenance Work
Uran - Hoc 1	IntraState	01/10/2021	11.21	01/10/2021	14.19	EO	To attend Hot Spot
JEJURI (400 Kv) - GIS KONDHWA	IntraState	01/10/2021	12.07	01/10/2021	15.45	PO	To refill SF6 Gas in CB
Umred-Virangana 1	IntraState	01/10/2021	12.51	01/10/2021	13.58	T	Distance Protection
Kandalgaon - Sona Alloys	IntraState	01/10/2021	13.34	01/10/2021	18.50	PO	Insulator String replacement
Uran - Apta III	IntraState	01/10/2021	14.33	01/10/2021	16.51	EO	To attend Hot Spot
OSMANABAD PARANDA	IntraState	01/10/2021	15.26		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 KV ICT II @ Kopergaon	IntraState	30/09/2021	09.46	30/09/2021	11.43	PO	To attend Hot Spot
220/100 Kv 100 Mva Emco Ict 1 @Tambati	IntraState	01/10/2021	11.25	01/10/2021	15.22	T	CB Overhauling work
220/33kV 125 MVA T/F-III @ Goregaon	IntraState	01/10/2021	12.35	01/10/2021	15.27	EO	Attending Oil Leakage

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