

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Sep/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	102.073	2221.242	1) Gujrat	-5.594	-209.269
2) Hydro	22.615	334.855	2) Madhya Pradesh	10.208	129.161
3) Gas	5.543	141.839	3) Chattisgarh	2.700	100.950
Total MSPGCL	130.231	2697.936	4) Maharashtra	164.639	3024.818
B) 1) APML	44.571	1038.172	5) Goa (Amona)	-1.089	-22.548
2) JSWEL	12.485	279.911	Total	170.864	3023.112
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.879	531.725
4) RPL(AMT)	22.702	503.089	b) Mumbai Drawl	23.284	504.854
5) SWPGPL	6.327	109.865	c) MSEDCL Bilateral *	63.617	823.909
6) Other IPP	6.784	118.955	Include PX	32.590	212.606
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.879	531.725
C) 1) TPCL Thermal	15.044	278.945	Include PX	10.355	181.038
2) TPCL Hydro	4.104	76.485	Standby	0.000	0.000
3) TPCL Gas	3.306	59.205	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.884	230.255	1) MSEDCL	394.689	8023.135
D) STATE			2) Mumbai Discoms	57.622	1149.746
1) Thermal	221.870	4780.434	TOTAL STATE	452.311	9172.881
(A1+C1+C4+(B1-B6))					
2) Hydro	26.719	411.340			
(A2+C2)					
3) Gas	8.849	201.044			
(A3+B7+C3)					
4) Wind	18.949	634.384			
6) SOLAR	5.060	122.565			
TOTAL STATE	281.447	6149.767			

* 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	4395	4194	4251	4359
MSPGCL Hydro	1277	676	2166	669
MSPGCL Gas	237	229	230	239
MSPGCL Total Generation	5909	5099	6647	5267
Central Sector Receipt	9231	8179	6452	5579
WIND	413	783	1066	448
CPP / IPP Thermal	3944	4010	3816	4057
CPP / IPP Gas	0	0	0	0
SOLAR	408	746	0	0
Exchange with Mumbai	-1268	-1409	-914	-656
MSEDCL DEMAND MET	18637	17408	17067	14695
Load Shedding	0	0	0	0
MSEDCL DEMAND	18637	17408	17067	14695
TPCL GENERATION	966	1007	1176	769
AEML GENERATION	495	490	497	489
MUMBAI DEMAND	2729	2906	2587	1914
STATE DEMAND MET	21366	20314	19654	16609
STATE DEMAND	21366	20314	19654	16609
Frequency (Hz)	50.04	50.03	50.07	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 22.02 Hrs	49.89 Hz at 14.26 Hrs	50.04	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 21/Sep/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.58	39.55	130	65
Unit 7	0.00	0.00	0	0
Unit 8	12.10	152.39	625	362
Unit 9	0.00	123.23	0	0
Unit 10	8.95	188.37	375	372
Total	23.64	503.54		
Bhusawal				
Unit 3	0.00	17.05	0	0
Unit 4	10.22	172.60	460	400
Unit 5	0.00	125.00	0	0
Total	10.22	314.65		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	4.62	69.82	202	158
Unit 8	4.76	90.57	210	189
Total	9.38	160.39		
Chandrapur				
Unit 3	0.00	11.53	0	0
Unit 4	0.00	25.91	0	0
Unit 5	5.34	132.62	272	170
Unit 6	6.03	83.93	278	215
Unit 7	6.71	150.49	315	252
Unit 8	7.31	186.06	390	230
Unit 9	7.93	120.04	380	278
Total	33.32	710.59		
Paras				
Unit 3	2.11	22.81	184	0
Unit 4	4.56	82.47	225	146
Total	6.68	105.29		
Khaparkheda				
Unit 1	0.00	24.46	0	0
Unit 2	0.00	34.67	0	0
Unit 3	3.28	69.45	150	128
Unit 4	3.54	69.48	180	130
Unit 5	7.71	141.80	380	290
Total	14.53	339.85		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.31	47.27	193	125
Unit 5	0.00	39.67	0	0
Total	4.31	86.94		
Uran				
All Units	5.54	141.84	239	218
Total	5.54	141.84		
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)	0.27	6.59	21	0
Total	0.27	6.59		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.72	67.30	480	40
Stage 4	9.01	80.93	1000	0
Stage 3	2.61	39.32	240	0
Total	15.34	187.55		
Hydro				
KDPH	0.00	4.44	0	0
VTRNA	0.54	4.98	60	0
TILLARI	0.15	4.47	60	0
BHIRA T.R.	0.42	7.97	40	0
SMLHY_PTN	5.45	111.85	256	210
GHATGHAR	0.72	13.60	250	0
Total	7.27	147.31		
Wind				
Total	18.95	634.38	0	0
Total	18.95	634.38		
CPP				
APML(Mus)	44.57	1038.17	0	0
JSWEL(Mus)	12.48	279.91	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	22.70	503.09	0	0
SWPGPL-Mus	6.33	109.86	0	0
Other(Mus)	6.78	118.96	0	0
Total	92.87	2049.99		
SOLAR				
Total	5.06	122.56	0	0
Total	5.06	122.56		
Tata				
Trombay 5	9.83	181.97	455	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.96	36.98	118	63
Trombay 7B	1.35	22.23	67	51
Trombay 8	5.21	96.97	220	202
TATA Hydro	4.10	76.48	351	5
Total	22.45	414.64		
AEML				
DTPS U-1&2	11.88	230.26	500	489
Total	11.88	230.26		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	102.07	2221.24	MSPGCL Total	130.23	2697.94
			MSPGCL Thml+Gas	107.62	2363.08	Koyna 1,2 & 4 Total	12.73	148.23
			MSPGCL Hydro	22.62	334.86	State Total	281.45	6149.77

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/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	4397	990	239	5626	541	4068	0	0	5513	5338	-839	14734	0	14734	2178	16912	50.04
2	4334	850	239	5423	504	4094	0	0	5502	5375	-678	14718	0	14718	2031	16750	50.00
3	4359	669	239	5267	448	4057	0	0	5658	5579	-656	14695	0	14695	1914	16609	50.01
4	4370	361	239	4970	431	4020	0	0	5810	5994	-569	14846	0	14846	1844	16690	50.06
5	4464	344	238	5046	423	3933	0	0	6397	6315	-529	15188	0	15188	1826	17014	50.06
6	4485	511	228	5224	485	3842	0	0	7053	7250	-605	16196	0	16196	1882	18078	50.04
7	4524	760	239	5523	619	3827	0	26	7923	7789	-685	17099	0	17099	1949	19048	50.02
8	4423	1401	229	6053	580	3820	0	111	7910	8161	-805	17920	0	17920	2127	20047	50.06
9	4456	1129	237	5822	443	3839	0	293	8866	8873	-1036	18234	0	18234	2446	20680	50.02
10	4395	1277	237	5909	413	3944	0	408	9088	9231	-1268	18637	0	18637	2729	21366	50.04
11	4358	1473	218	6049	555	3948	0	591	8857	8511	-1384	18270	0	18270	2926	21196	50.05
12	4258	1221	228	5707	550	4008	0	570	8960	8572	-1407	18000	0	18000	2962	20962	50.02
13	4194	676	229	5099	783	4010	0	746	8687	8179	-1409	17408	0	17408	2906	20314	50.03
14	4101	349	219	4669	1012	3896	0	797	8312	7850	-1351	16873	0	16873	2761	19634	50.07
15	4033	304	227	4564	1478	3736	0	726	7918	7622	-1438	16688	0	16688	2747	19434	50.00
16	4033	402	227	4662	1519	3688	0	451	7412	7502	-1349	16474	0	16474	2717	19190	50.04
17	4170	362	228	4760	1621	3691	0	258	7588	7497	-1312	16515	0	16515	2663	19178	50.04
18	4220	667	239	5126	1423	3676	0	82	7207	7325	-1147	16486	0	16486	2649	19134	50.01
19	4296	1885	220	6401	1023	3688	0	1	6836	6760	-969	16904	0	16904	2635	19539	50.03
20	4251	2166	230	6647	1066	3816	0	0	6559	6452	-914	17067	0	17067	2587	19654	50.07
21	4032	1738	221	5991	872	3845	0	0	5992	6188	-810	16086	0	16086	2456	18542	50.06
22	4012	1516	231	5759	813	3865	0	0	5965	6068	-732	15773	0	15773	2336	18109	50.06
23	3982	1063	231	5276	696	3766	0	0	6232	6038	-705	15072	0	15072	2215	17286	50.04
24	3926	501	231	4658	651	3792	0	0	6318	6395	-687	14808	0	14808	2136	16944	50.01
MUs	102.07	22.62	5.54	130.23	18.95	92.87	0.00	5.06	172.56	170.86	-23.28	394.69	0.00	394.69	57.62	452.31	50.04

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 21/Sep/2021

Position as on 6.30 Hrs of 22/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.	
MSPGCL	Paras Unit 3	250	06/09/2021	09.20	21/09/2021	06.07	Turbine bearing Vabration 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	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 21/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 22/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 2	IntraState	21/09/2021	03.36	21/09/2021	10.04	T	Tripped on Line Fault
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 Bhilai	InterState	21/09/2021	09.17	21/09/2021	21.41	PO	For Line Bay AMP work.
Parli(MS)-Parli (PG) I	InterState	22/09/2021	12.22	22/09/2021	16.27	EO	29B, Y Phase Isolator work
Bus Coupler @ Lonikand	IntraState	16/09/2021	09.48	21/09/2021	22.04	PO	CB overhauling work.
Khadka-Aurangabad (Waluj)	IntraState	20/09/2021	20.18	21/09/2021	08.17	HT	Over Voltage
Lonikand2-Lonikand1 (Intrconector)	IntraState	21/09/2021	00.40	21/09/2021	03.07	EO	Attending Hot Spot
Karad - Talandge Ckt 2	IntraState	21/09/2021	08.29	21/09/2021	10.50	PO	Attending Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	21/09/2021	19.16		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	21/09/2021	20.16	22/09/2021	10.10	HT	Over Voltage
Akola II - RPL(Rattanindia) 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
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 500MVA ICT-I @Nanded	IntraState	21/09/2021	10.54	21/09/2021	17.34	PO	For CTR testing & replacement of faulty parts.Annul Tan-d & bay maintenance.
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
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)
Kharghar - Tss Panvel	IntraState	21/09/2021	05.25	21/09/2021	22.10	T	Distance Protection
Nagothane - Ipcl	IntraState	21/09/2021	09.05	21/09/2021	13.40	PO	Emergency tree cutting work.
satara MIDC- Malharpeth	IntraState	21/09/2021	09.25	21/09/2021	17.47	PO	Replacement of Long rod polymer insulator strings near.
Chalisgaon -Babhaleshwar	IntraState	21/09/2021	09.46	21/09/2021	13.51	EO	RED hot attend on B phase wave trap.
Nigade- Peth Line	IntraState	21/09/2021	10.00	21/09/2021	15.19	PO	Diagnostic testing work, B ph CT oil leakage attending work. Also replacement of window Annunciation and confirmation of auto re-close operation of CB.
Badnera Tss-li	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-li	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

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 21/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 22/Sep/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Trombay-Salsette II	IntraState	22/09/2021	23.47		Continued.	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.