

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Sep/2021 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	112.804	112.804	1) Gujrat	-11.170	-11.170
2) Hydro	14.769	14.769	2) Madhya Pradesh	1.828	1.828
3) Gas	9.141	9.141	3) Chattisgarh	3.450	3.450
Total MSPGCL	136.714	136.714	4) Maharashtra	144.803	144.803
B) 1) APLM	45.178	45.178	5) Goa (Amona)	-1.019	-1.019
2) JSWEL	22.322	22.322	Total	137.892	137.892
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.594	22.594
4) RPL(AMT)	30.910	30.910	b) Mumbai Drawl	24.402	24.402
5) SWPGPL	5.315	5.315	c) MSEDCL Bilateral *	30.516	30.516
6) Other IPP	6.012	6.012	Include PX	0.722	0.722
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.594	22.594
C) 1) TPCL Thermal	14.586	14.586	Include PX	5.664	5.664
2) TPCL Hydro	4.927	4.927	Standby	0.000	0.000
3) TPCL Gas	0.000	0.000	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.881	11.881	1) MSEDCL	387.430	387.430
D) STATE			2) Mumbai Discoms	55.795	55.795
1) Thermal	249.008	249.008	TOTAL STATE	443.225	443.225
(A1+C1+C4+(B1-B6))					
2) Hydro	19.696	19.696			
(A2+C2)					
3) Gas	9.141	9.141			
(A3+B7+C3)					
4) Wind	21.839	21.839			
6) SOLAR	5.650	5.650			
TOTAL STATE	305.334	305.334			

* 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	4922	4435	4602	4708
MSPGCL Hydro	555	485	1985	283
MSPGCL Gas	394	367	382	382
MSPGCL Total Generation	5871	5287	6969	5373
Central Sector Receipt	6672	6907	5246	4656
WIND	1096	789	875	888
CPP / IPP Thermal	4384	4289	5099	4294
CPP / IPP Gas	0	0	0	0
SOLAR	717	625	0	0
Exchange with Mumbai	-1261	-1426	-894	-861
MSEDCL DEMAND MET	17479	16471	17295	14350
Load Shedding	0	0	0	0
MSEDCL DEMAND	17479	16471	17295	14350
TPCL GENERATION	882	912	1149	430
AEML GENERATION	494	493	496	495
MUMBAI DEMAND	2637	2831	2539	1786
STATE DEMAND MET	20116	19302	19834	16136
STATE DEMAND	20116	19302	19834	16136
Frequency (Hz)	50.02	49.95	49.96	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 10.02 Hrs	49.83 Hz at 19.15 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 01/Sep/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.36	3.36	160	130
Unit 7	0.00	0.00	0	0
Unit 8	3.59	3.59	370	0
Unit 9	7.04	7.04	360	225
Unit 10	7.91	7.91	455	270
Total	21.90	21.90		
Bhusawal				
Unit 3	3.46	3.46	185	120
Unit 4	0.00	0.00	0	0
Unit 5	10.97	10.97	500	285
Total	14.42	14.42		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	4.55	4.55	198	187
Unit 8	4.29	4.29	187	172
Total	8.85	8.85		
Chandrapur				
Unit 3	2.78	2.78	129	107
Unit 4	2.92	2.92	142	90
Unit 5	7.75	7.75	345	280
Unit 6	5.94	5.94	286	205
Unit 7	7.70	7.70	344	296
Unit 8	8.75	8.75	410	330
Unit 9	0.00	0.00	0	0
Total	35.84	35.84		
Paras				
Unit 3	3.56	3.56	179	125
Unit 4	3.24	3.24	185	0
Total	6.80	6.80		
Khaparkheda				
Unit 1	0.05	0.05	47	0
Unit 2	3.46	3.46	170	115
Unit 3	4.29	4.29	205	130
Unit 4	3.69	3.69	180	129
Unit 5	10.27	10.27	460	395
Total	21.75	21.75		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.25	3.25	198	100
Unit 5	0.00	0.00	0	0
Total	3.25	3.25		
Uran				
All Units	9.14	9.14	400	358
Total	9.14	9.14		
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)	0.44	0.44	25	0
Total	0.44	0.44		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.56	2.56	470	40
Stage 4	4.11	4.11	1012	0
Stage 3	1.42	1.42	240	0
Total	8.09	8.09		
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.	0.36	0.36	40	0
SMLHY_PTN	5.76	5.76	248	236
GHATGHAR	0.56	0.56	125	0
Total	6.68	6.68		
Wind				
Total	21.84	21.84	0	0
Total	21.84	21.84		
CPP				
APML(Mus)	45.18	45.18	0	0
JSWEL(Mus)	22.32	22.32	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	30.91	30.91	0	0
SWPGPL-Mus	5.32	5.32	0	0
Other(Mus)	6.01	6.01	0	0
Total	109.74	109.74		
SOLAR				
Total	5.65	5.65	0	0
Total	5.65	5.65		
Tata				
Trombay 5	10.03	10.03	483	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	0.00	0	0
Trombay 7B	0.00	0.00	0	0
Trombay 8	4.56	4.56	211	137
TATA Hydro	4.93	4.93	459	6
Total	19.51	19.51		
AEML				
DTPS U-1&2	11.88	11.88	499	491
Total	11.88	11.88		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	112.80	112.80
MSPGCL Thml+Gas	121.94	121.94
MSPGCL Hydro	14.77	14.77

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	136.71	136.71
Koyna 1,2 & 4 Total	6.67	6.67
State Total	305.33	305.33

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/Sep/2021

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4893	277	400	5570	803	4321	0	0	5070	4884	-931	14647	0	14647	1980	16627	50.02
2	4919	284	387	5590	912	4299	0	0	5007	4713	-890	14624	0	14624	1857	16481	50.00
3	4708	283	382	5373	888	4294	0	0	5019	4656	-861	14350	0	14350	1786	16136	49.99
4	4598	289	374	5261	963	4302	0	0	4961	4901	-806	14621	0	14621	1725	16346	50.00
5	4746	287	385	5418	1002	4312	0	0	4944	4800	-792	14740	0	14740	1727	16467	49.99
6	5018	285	385	5688	1061	4411	0	0	5374	5606	-807	15959	0	15959	1817	17776	50.00
7	5148	805	385	6338	966	4580	0	33	5483	5414	-829	16502	0	16502	1898	18400	50.00
8	5140	1296	384	6820	954	4588	0	214	5824	5923	-867	17632	0	17632	2097	19729	50.04
9	5070	907	385	6362	982	4391	0	469	6327	6426	-1024	17606	0	17606	2379	19985	50.04
10	4922	555	394	5871	1096	4384	0	717	7065	6672	-1261	17479	0	17479	2637	20116	50.02
11	4631	329	364	5324	1192	4289	0	780	7323	7002	-1440	17147	0	17147	2814	19961	50.02
12	4413	693	379	5485	969	4296	0	685	6801	6806	-1424	16817	0	16817	2883	19700	49.99
13	4435	485	367	5287	789	4289	0	625	7043	6907	-1426	16471	0	16471	2831	19302	49.95
14	4462	485	387	5334	643	4291	0	686	6584	6270	-1350	15874	0	15874	2725	18599	50.02
15	4493	385	371	5249	642	4442	0	636	6904	6840	-1304	16505	0	16505	2671	19176	49.97
16	4492	366	379	5237	800	4523	0	434	7017	6699	-1305	16388	0	16388	2666	19054	50.02
17	4624	367	358	5349	1098	4740	0	240	6417	6012	-1156	16283	0	16283	2644	18927	49.99
18	4612	374	380	5366	1229	4885	0	115	5922	5873	-1032	16436	0	16436	2608	19044	50.01
19	4616	1177	372	6165	989	5062	0	16	5599	5342	-939	16635	0	16635	2561	19196	50.02
20	4602	1985	382	6969	875	5099	0	0	5410	5246	-894	17295	0	17295	2539	19834	49.96
21	4588	1324	384	6296	723	5125	0	0	5335	5361	-775	16730	0	16730	2393	19123	50.04
22	4627	771	385	5783	786	5056	0	0	5501	5269	-716	16178	0	16178	2271	18449	50.04
23	4635	395	385	5415	777	4920	0	0	5640	5080	-714	15478	0	15478	2176	17654	50.01
24	4412	365	387	5164	700	4838	0	0	5396	5190	-859	15033	0	15033	2111	17144	50.00
MUs	112.80	14.77	9.14	136.71	21.84	109.74	0.00	5.65	141.97	137.89	-24.40	387.43	0.00	387.43	55.80	443.23	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 01/Sep/2021

Position as on 6.30 Hrs of 02/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		Continued.	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	
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	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)	
IPP	Adani U-2	660	28/08/2021	05.22	01/09/2021	11.07	Guide Bearing Abnormal Sound	
MSPGCL	Bhusawal Unit 4	500	29/08/2021	06.34	02/09/2021	03.36	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 1	210	30/08/2021	13.27	01/09/2021	23.14	Boiler Tube Leakage	
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	Paras Unit 4	250	01/09/2021	11.07	01/09/2021	14.21	Flame Failure	
MSPGCL	Khaparkheda Unit 1	210	02/09/2021	00.04	02/09/2021	03.30	Main Steam Temperature Low	
MSPGCL	Bhusawal Unit 5	500	02/09/2021	06.23		Continued.	Clinker Formation	
MSPGCL	Koyna Unit 7	80	02/09/2021	08.00		Continued.	Injector NO.6 replacement work	
IPP	JSW (J) U1	300	02/09/2021	08.41		Continued.	Turbine vibrations high.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 02/Sep/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/Trippings							
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
Khadka-Aurangabad (Waluj)	IntraState	30/08/2021	19.41	01/09/2021	12.40	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	31/08/2021	08.43	01/09/2021	08.31	PO	Replacement of Polymer insulators under LE scheme (RFC 19:20).
Koradi 2-IEPL	IntraState	01/09/2021	09.32	02/09/2021	21.09	PO	Samruddhi Highway work
Khadka-Aurangabad (Waluj)	IntraState	01/09/2021	20.13		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	02/09/2021	08.18	02/09/2021	23.34	PO	LE scheme work polymer string replacement work.
Parly(MS)- Nanded ckt II	IntraState	02/09/2021	10.11	02/09/2021	15.07	PO	1)C & Tan delta measurement of CTs.2)Bay maintenance work at Girwali End.
Deepnagar Taptitanda	IntraState	02/09/2021	15.35	02/09/2021	16.57	PO	for attending SF6 Low pressure alarm appeared on Tie C.B.
Warora -IEPL	IntraState	02/09/2021	21.08	02/09/2021	21.26	HT	For charging 400Kv Koradi-2 IEPL.
Warora -IEPL	IntraState	02/09/2021	22.38		Continued.	PO	Height raising work across Samruddhi highway at ch 27-400km.
400 KV ICT Outages/Trippings							
400/132 Kv 200 Mva Ict 2 @Khadka	IntraState	01/09/2021	10.13	01/09/2021	18.15	PO	Testing and R.M.work
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	01/09/2021	10.20	01/09/2021	15.37	PO	Replacement of Neutral CT
Ict Spare Single Unit 167 Mva Ict @Jejuri	IntraState	02/09/2021	09.49	02/09/2021	19.15	PO	Annual Testing & Maintenance work. Also CTR fire protection system work.
400/220KV 500MVA ICT1@koradi 2	IntraState	02/09/2021	11.33	02/09/2021	20.58	PO	Bushing and winding tan delta.
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)
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		Continued.	PO	Tower Erection & Bunching work
Kalwa - Siemens	IntraState	24/07/2021	18.16		Continued.	PO	Tower Erection & Bunching work
Uran - Kharghar 2	IntraState	25/08/2021	19.55		Continued.	T	Distance Protection
BHALVANI VARKUTI MALWADI	IntraState	30/08/2021	17.00	01/09/2021	21.47	PO	For Making Bunching on Guide Tower
VARKUTI(MALWADI) HIWARWADI	IntraState	30/08/2021	17.41	01/09/2021	21.47	PO	For Making Bunching on Guide Tower
Padghe - Jambhul 2	IntraState	31/08/2021	22.39	01/09/2021	03.00	EO	Replacement of NT switch.
Kolshet-Roma	IntraState	01/09/2021	06.58	01/09/2021	20.46	PO	Pilling work of MMRDA
Khaparkheda-Kalmeshwar	IntraState	01/09/2021	09.26	01/09/2021	17.46	PO	Replacement of Flashover String
Khaparkheda-Kanhan	IntraState	01/09/2021	09.37	01/09/2021	17.51	PO	Replacement of Flashover String
Koyna (Pophali) - Kdph	IntraState	01/09/2021	10.03	02/09/2021	14.55	T	Distance Protection
Hinganghat - Bhugaon	IntraState	01/09/2021	11.03	01/09/2021	14.24	PO	Earth wire replacement 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 01/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 02/Sep/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Nanded-Parbhani	IntraState	01/09/2021	21.47	01/09/2021	22.30	T	Distance Protection
Mahad-Kandalgaon	IntraState	01/09/2021	22.15	02/09/2021	12.24	T	Distance Protection
Kolshet-Roma	IntraState	02/09/2021	06.30	02/09/2021	21.02	PO	Piling work of MMRDA near patlipada kolshet substation.
Trombay - Mulund	IntraState	02/09/2021	08.38	02/09/2021	19.42	PO	Stringing of OPGW cable from Loc.No.73 to Trombay Gantry.
Urse - Talegaon (Ambi) Ckt 2	IntraState	02/09/2021	09.12	02/09/2021	20.25	PO	CB pneumatic drive overhauling.
Talandage - Sawantwadi I	IntraState	02/09/2021	09.22	02/09/2021	19.27	PO	1.Relay Testing work. 2.QM Work
Jejuri-Phursungi ckt-1	IntraState	02/09/2021	09.26	02/09/2021	13.47	PO	Half Yearly Maintenance & CT Tan Delta.
Osmanabad - Barshi	IntraState	02/09/2021	12.26	02/09/2021	14.54	PO	for relay testing work.
Walchandnagar-Bhigwan	IntraState	02/09/2021	12.50	02/09/2021	18.21	PO	Replacement of flashover string @Loc 71.
Midc Chandrapur-Gadchandur	IntraState	02/09/2021	13.15	02/09/2021	16.17	PO	B PH ct jumper replacement at Gadchandur end.
Pusad-WardhaPG(Deoli)	IntraState	02/09/2021	13.50	02/09/2021	15.44	T	Distance Protection
Mahad-Kandalgaon	IntraState	02/09/2021	22.13		Continued.	T	ON R-ph LA jumper sparking.
100 KV LINE Outages/Trippings							
Borivali II - TATA II	IntraState	02/09/2021	10.12	02/09/2021	18.41	PO	THIRD PARTY PILING WORK IN VICINITY

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