

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Sep/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	111.958	224.762	1) Gujrat	-10.148	-21.318
2) Hydro	17.077	31.846	2) Madhya Pradesh	3.279	5.107
3) Gas	9.210	18.351	3) Chattisgarh	3.260	6.710
Total MSPGCL	138.245	274.959	4) Maharashtra	151.049	295.852
B) 1) APML	54.289	99.467	5) Goa (Amona)	-0.807	-1.826
2) JSWEL	16.729	39.051	Total	146.633	284.525
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.215	48.809
4) RPL(AMT)	25.750	56.660	b) Mumbai Drawl	23.458	47.860
5) SWPGPL	5.063	10.378	c) MSEDCL Bilateral *	34.249	64.765
6) Other IPP	6.063	12.075	Include PX	3.700	4.423
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.215	48.809
C) 1) TPCL Thermal	15.994	30.580	Include PX	7.232	12.895
2) TPCL Hydro	4.829	9.756	Standby	0.000	0.000
3) TPCL Gas	0.000	0.000	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.851	23.732	1) MSEDCL	394.414	781.844
D) STATE			2) Mumbai Discoms	56.132	111.927
1) Thermal	247.697	496.705	TOTAL STATE	450.546	893.771
(A1+C1+C4+(B1-B6))					
2) Hydro	21.906	41.602			
(A2+C2)					
3) Gas	9.210	18.351			
(A3+B7+C3)					
4) Wind	19.728	41.567			
6) SOLAR	5.372	11.022			
TOTAL STATE	303.913	609.247			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4596	4942	5012	4216
MSPGCL Hydro	748	296	2060	279
MSPGCL Gas	382	369	374	396
MSPGCL Total Generation	5726	5607	7446	4891
Central Sector Receipt	7393	6679	5380	5035
WIND	865	1215	811	810
CPP / IPP Thermal	4359	4440	4576	4554
CPP / IPP Gas	0	0	0	0
SOLAR	726	380	0	0
Exchange with Mumbai	-1415	-1354	-912	-704
MSEDCL DEMAND MET	17654	16967	17301	14586
Load Shedding	0	0	0	0
MSEDCL DEMAND	17654	16967	17301	14586
TPCL GENERATION	939	817	1151	600
AEML GENERATION	494	491	492	494
MUMBAI DEMAND	2848	2662	2555	1798
STATE DEMAND MET	20502	19629	19856	16384
STATE DEMAND	20502	19629	19856	16384
Frequency (Hz)	49.93	49.94	49.92	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 14.01 Hrs	49.64 Hz at 16.53 Hrs	49.98	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 02/Sep/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.64	7.00	175	125
Unit 7	0.00	0.00	0	0
Unit 8	0.00	3.59	0	0
Unit 9	7.50	14.53	383	250
Unit 10	8.20	16.12	455	220
Total	19.34	41.24		
Bhusawal				
Unit 3	3.44	6.90	170	120
Unit 4	6.56	6.56	410	0
Unit 5	1.65	12.62	290	0
Total	11.65	26.07		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	4.60	9.16	198	184
Unit 8	4.47	8.77	199	172
Total	9.08	17.92		
Chandrapur				
Unit 3	2.89	5.67	133	113
Unit 4	2.86	5.78	141	108
Unit 5	7.68	15.43	340	285
Unit 6	6.36	12.29	305	215
Unit 7	7.67	15.36	340	290
Unit 8	9.23	17.98	415	355
Unit 9	0.00	0.00	0	0
Total	36.69	72.52		
Paras				
Unit 3	4.13	7.69	216	140
Unit 4	4.12	7.36	193	149
Total	8.25	15.05		
Khaparkheda				
Unit 1	2.28	2.32	130	0
Unit 2	3.24	6.70	170	115
Unit 3	3.66	7.95	200	130
Unit 4	3.89	7.58	185	130
Unit 5	9.96	20.23	460	370
Total	23.02	44.78		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.92	7.18	198	124
Unit 5	0.00	0.00	0	0
Total	3.92	7.18		
Uran				
All Units	9.21	18.35	397	360
Total	9.21	18.35		
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)	0.47	0.91	27	0
Total	0.47	0.91		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.82	6.39	460	35
Stage 4	4.57	8.68	981	0
Stage 3	2.00	3.42	240	0
Total	10.40	18.49		
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.	0.40	0.76	40	0
SMLHY_PTN	5.67	11.44	243	229
GHATGHAR	0.60	1.16	125	0
Total	6.68	13.36		
Wind				
Total	19.73	41.57	0	0
Total	19.73	41.57		
CPP				
APML(Mus)	54.29	99.47	0	0
JSWEL(Mus)	16.73	39.05	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.75	56.66	0	0
SWPGPL-Mus	5.06	10.38	0	0
Other(Mus)	6.06	12.08	0	0
Total	107.89	217.63		
SOLAR				
Total	5.37	11.02	0	0
Total	5.37	11.02		
Tata				
Trombay 5	10.93	20.95	483	390
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	5.07	9.63	216	207
TATA Hydro	4.83	9.76	459	0
Total	20.82	40.34		
AEMIL				
DTPS U-1&2	11.85	23.73	499	490
Total	11.85	23.73		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	111.96	224.76	MSPGCL Total	138.24	274.96
			MSPGCL Thml+Gas	121.17	243.11	Koyna 1,2 & 4 Total	8.40	15.07
			MSPGCL Hydro	17.08	31.85	State Total	303.91	609.25

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	4351	291	385	5027	865	4577	0	0	5344	5136	-823	14782	0	14782	2025	16807	49.95
2	4361	281	387	5029	862	4584	0	0	5268	5183	-750	14908	0	14908	1897	16805	50.02
3	4216	279	396	4891	810	4554	0	0	5191	5035	-704	14586	0	14586	1798	16384	50.01
4	4244	281	387	4912	696	4559	0	0	5135	5160	-642	14685	0	14685	1735	16420	49.98
5	4407	369	386	5162	608	4578	0	0	5163	5528	-633	15243	0	15243	1731	16974	49.95
6	4814	435	397	5646	626	4698	0	0	5906	6034	-701	16303	0	16303	1800	18103	49.95
7	4694	782	377	5853	497	4672	0	37	6584	6741	-715	17085	0	17085	1879	18964	49.96
8	4491	1486	397	6374	469	4664	0	207	6894	6909	-812	17811	0	17811	2077	19888	49.99
9	4547	876	395	5818	565	4535	0	496	7457	7475	-1044	17845	0	17845	2382	20227	50.01
10	4588	1061	360	6009	755	4373	0	688	7458	7201	-1310	17716	0	17716	2674	20390	49.92
11	4596	748	382	5726	865	4359	0	726	7555	7393	-1415	17654	0	17654	2848	20502	49.93
12	4383	548	370	5301	891	4272	0	711	7783	7144	-1432	16887	0	16887	2903	19790	50.01
13	4430	413	378	5221	821	4263	0	758	7186	7017	-1403	16677	0	16677	2851	19528	50.01
14	4657	319	384	5360	775	4283	0	592	6567	6712	-1376	16346	0	16346	2710	19056	50.04
15	4808	325	382	5515	930	4380	0	483	6780	6744	-1373	16679	0	16679	2683	19362	50.04
16	4942	296	369	5607	1215	4440	0	380	6854	6679	-1354	16967	0	16967	2662	19629	49.94
17	4945	284	371	5600	1272	4422	0	201	6473	6249	-1168	16576	0	16576	2648	19224	49.89
18	5001	727	383	6111	1110	4364	0	84	6320	5915	-960	16624	0	16624	2597	19221	49.96
19	5041	1286	393	6720	843	4527	0	9	5628	5885	-914	17070	0	17070	2545	19615	49.99
20	5012	2060	374	7446	811	4576	0	0	5656	5380	-912	17301	0	17301	2555	19856	49.92
21	4934	1761	397	7092	836	4637	0	0	5298	5272	-845	16992	0	16992	2452	19444	50.04
22	4898	1200	387	6485	821	4648	0	0	5278	5264	-770	16448	0	16448	2326	18774	50.03
23	4837	557	396	5790	838	4548	0	0	5480	5254	-717	15713	0	15713	2220	17933	50.01
24	4761	412	377	5550	947	4381	0	0	5416	5323	-685	15516	0	15516	2134	17650	49.95
MUs	111.96	17.08	9.21	138.24	19.73	107.89	0.00	5.37	148.67	146.63	-23.46	394.41	0.00	394.41	56.13	450.55	49.98

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 02/Sep/2021

Position as on 6.30 Hrs of 03/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	03/09/2021	18.03	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)	
MSPGCL	Bhusawal Unit 4	500	29/08/2021	06.34	02/09/2021	03.36	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	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 02/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 03/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	03/09/2021	21.06		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
Chandrapur Bhadravati I	InterState	01/09/2021	09.50		Continued.	PO	Replacement of HCB Isolators
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.
Chandrapur-II - Nanded ckt I	IntraState	03/09/2021	13.24	03/09/2021	19.56	T	Distance Protection
400 KV ICT Outages/Trippings							
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
Koyna (Pophali) - Kdph	IntraState	01/09/2021	10.03	02/09/2021	14.55	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.

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 02/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 03/Sep/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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	03/09/2021	03.50	T	ON R-ph LA jumper sparking.
Kolshet-Roma	IntraState	03/09/2021	06.51	03/09/2021	20.05	PO	Piling work of MMRDA near patlipada kolshet substation.
Pedambe-Nerle	IntraState	03/09/2021	07.34	03/09/2021	12.04	T	Distance Protection
Trombay - Mulund	IntraState	03/09/2021	08.47	03/09/2021	19.38	PO	Stringing of OPGW cable from Loc. No. 73 to Trombay Gantry.
Adlabs - Pedambe	IntraState	03/09/2021	09.08	03/09/2021	13.37	T	Distance Protection
Miraj - Mhaishal	IntraState	03/09/2021	09.15	03/09/2021	15.40	PO	Quarterly Maintanance Work
Washala - Ghatghar	IntraState	03/09/2021	09.35		Continued.	PO	Construction Work.
Raymond - Washala	IntraState	03/09/2021	09.50		Continued.	PO	Samruddhi highway project work
220KV BUS II @ Butibori	IntraState	03/09/2021	10.07	03/09/2021	19.29	PO	jumper Connecting Work.
Chitegaon-Shendra Ckt-I	IntraState	03/09/2021	10.48	03/09/2021	20.08	PO	Routine Maintenance Work & Diagnostic Testing Work.
Adlabs - Pedambe	IntraState	03/09/2021	13.43	03/09/2021	19.25	T	Distance Protection
Nanded-Ghatodi	IntraState	03/09/2021	14.19	03/09/2021	15.21	PO	For Backup Relay Testing Work By Testing Unit Yavatmal.
220 KV KRUSHNOOR - NANDED (KUMBHARGAON) CKT -1	IntraState	03/09/2021	21.25	03/09/2021	22.29	T	Distance Protection
Ghatghar - Jindal	IntraState	03/09/2021	22.45		Continued.	HT	Safety Permit.
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Emco Ict @Bhenda	IntraState	03/09/2021	10.15	03/09/2021	18.38	PO	To attend Oil leakage from top HV Side inspection plate (between B Y Bushing) Top main tank inspection plates (2 Nos. middle) Top LV side inspection plates (4 Nos) Neutral Bushings Inspection plate.
220/132-110kv 100mva Ptr 2 @Oglewadi	IntraState	03/09/2021	10.28	03/09/2021	17.16	PO	1.Attending oil leakage of HV B Ph Turret 2.HV CT Tan delta test 3.T/F Tan delta test, SFRA test 4.Quarterly maintenance work.
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