

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Sep/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.459	464.433	1) Gujrat	-9.013	-38.077
2) Hydro	15.174	65.406	2) Madhya Pradesh	2.749	12.197
3) Gas	9.331	36.994	3) Chattisgarh	3.310	13.270
Total MSPGCL	143.964	566.833	4) Maharashtra	157.932	601.181
B) 1) APLM	53.437	207.096	5) Goa (Amona)	-0.675	-3.468
2) JSWEL	12.813	65.407	Total	154.303	585.103
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.686	94.698
4) RPL(AMT)	25.730	108.118	b) Mumbai Drawl	25.095	96.225
5) SWPGPL	5.492	21.418	c) MSEDCL Bilateral *	37.026	135.019
6) Other IPP	5.997	24.922	Include PX	8.164	15.529
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.686	94.698
C) 1) TPCL Thermal	14.455	60.574	Include PX	5.353	24.283
2) TPCL Hydro	2.746	16.932	Standby	0.000	0.000
3) TPCL Gas	0.389	1.031	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.723	46.268	1) MSEDCL	401.606	1583.849
D) STATE			2) Mumbai Discoms	53.408	221.029
1) Thermal	248.106	998.236	TOTAL STATE	455.014	1804.878
(A1+C1+C4+(B1-B6))					
2) Hydro	17.920	82.338			
(A2+C2)					
3) Gas	9.720	38.025			
(A3+B7+C3)					
4) Wind	18.492	77.084			
6) SOLAR	6.473	24.093			
TOTAL STATE	300.711	1219.776			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5100	4890	5062	4798
MSPGCL Hydro	1009	454	796	277
MSPGCL Gas	385	361	395	380
MSPGCL Total Generation	6494	5705	6253	5455
Central Sector Receipt	7887	6725	5838	5116
WIND	204	1713	1654	608
CPP / IPP Thermal	4161	4227	4622	4254
CPP / IPP Gas	0	0	0	0
SOLAR	867	514	0	0
Exchange with Mumbai	-1440	-1238	-995	-583
MSEDCL DEMAND MET	18173	17646	17372	14850
Load Shedding	0	0	0	0
MSEDCL DEMAND	18173	17646	17372	14850
TPCL GENERATION	804	811	966	685
AEML GENERATION	489	491	493	490
MUMBAI DEMAND	2733	2540	2454	1758
STATE DEMAND MET	20906	20186	19826	16608
STATE DEMAND	20906	20186	19826	16608
Frequency (Hz)	49.98	50.03	49.99	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 09.01 Hrs	49.86 Hz at 11.11 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 04/Sep/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.56	14.24	180	130
Unit 7	0.00	0.00	0	0
Unit 8	0.00	3.59	0	0
Unit 9	11.18	36.27	495	400
Unit 10	11.78	37.32	520	450
Total	26.52	91.42		
Bhusawal				
Unit 3	3.59	14.37	180	125
Unit 4	9.72	26.16	440	290
Unit 5	0.00	12.62	0	0
Total	13.32	53.15		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	5.11	18.84	248	184
Unit 8	4.52	17.87	195	175
Total	9.63	36.71		
Chandrapur				
Unit 3	2.85	11.53	127	102
Unit 4	3.08	12.01	147	109
Unit 5	6.69	29.53	321	235
Unit 6	5.08	24.11	280	105
Unit 7	7.03	30.36	318	274
Unit 8	8.94	37.20	402	320
Unit 9	0.00	0.00	0	0
Total	33.67	144.73		
Paras				
Unit 3	4.15	15.39	193	155
Unit 4	4.23	15.38	196	152
Total	8.39	30.77		
Khaparkheda				
Unit 1	2.74	7.86	140	90
Unit 2	3.61	13.89	170	115
Unit 3	3.70	15.33	180	130
Unit 4	4.09	15.35	183	131
Unit 5	9.94	39.89	460	350
Total	24.08	92.31		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.85	15.33	198	121
Unit 5	0.00	0.00	0	0
Total	3.85	15.33		
Uran				
All Units	9.33	36.99	400	361
Total	9.33	36.99		
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)	0.36	1.69	25	0
Total	0.36	1.69		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.24	11.15	345	30
Stage 4	5.26	20.33	718	0
Stage 3	1.71	7.14	160	0
Total	9.21	38.63		
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.	0.38	1.52	40	0
SMLHY_PTN	5.47	22.58	242	178
GHATGHAR	0.11	2.68	114	0
Total	5.97	26.78		
Wind				
Total	18.49	77.08	0	0
Total	18.49	77.08		
CPP				
APML(Mus)	53.44	207.10	0	0
JSWEL(Mus)	12.81	65.41	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.73	108.12	0	0
SWPGPL-Mus	5.49	21.42	0	0
Other(Mus)	6.00	24.92	0	0
Total	103.47	426.96		
SOLAR				
Total	6.47	24.09	0	0
Total	6.47	24.09		
Tata				
Trombay 5	9.88	41.44	483	280
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.39	1.03	127	0
Trombay 7B	0.00	0.00	0	0
Trombay 8	4.58	19.14	216	137
TATA Hydro	2.75	16.93	294	0
Total	17.59	78.54		
AEML				
DTPS U-1&2	10.72	46.27	499	286
Total	10.72	46.27		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	119.46	464.43	MSPGCL Total	143.96	566.83
			MSPGCL Thml+Gas	128.79	501.43	Koyna 1,2 & 4 Total	7.50	31.48
			MSPGCL Hydro	15.17	65.41	State Total	300.71	1219.78

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/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	5117	276	398	5791	568	4216	0	0	5247	5297	-649	15223	0	15223	1996	17219	50.01
2	5014	277	400	5691	642	4259	0	0	5324	5109	-638	15063	0	15063	1857	16920	50.02
3	4798	277	380	5455	608	4254	0	0	5331	5116	-583	14850	0	14850	1758	16608	50.03
4	4719	295	400	5414	486	4196	0	0	5319	5553	-532	15117	0	15117	1702	16819	50.03
5	5059	581	390	6030	325	4204	0	0	5340	5688	-598	15649	0	15649	1690	17339	50.02
6	5301	1017	399	6717	351	4280	0	0	5929	5945	-732	16561	0	16561	1723	18284	49.99
7	5216	867	379	6462	300	4283	0	37	7326	7380	-717	17745	0	17745	1832	19577	49.99
8	5184	626	400	6210	262	4296	0	219	7850	8032	-730	18289	0	18289	1950	20239	50.04
9	5120	963	399	6482	172	4253	0	425	8100	7885	-1104	18113	0	18113	2178	20291	50.09
10	5016	1180	386	6582	238	4227	0	643	7948	7870	-1369	18191	0	18191	2459	20650	50.05
11	4963	1169	384	6516	190	4236	0	817	7829	7670	-1391	18038	0	18038	2655	20693	50.01
12	5100	1009	385	6494	204	4161	0	867	8074	7887	-1440	18173	0	18173	2733	20906	49.98
13	5028	716	384	6128	220	4170	0	900	7897	7429	-1419	17428	0	17428	2704	20132	49.98
14	4852	596	384	5832	269	4150	0	882	7552	7280	-1285	17128	0	17128	2569	19697	50.03
15	4802	616	383	5801	721	4145	0	829	7289	7335	-1282	17549	0	17549	2546	20095	50.02
16	4890	454	361	5705	1713	4227	0	514	7137	6725	-1238	17646	0	17646	2540	20186	50.03
17	4843	317	392	5552	1945	4261	0	261	6949	6558	-1289	17288	0	17288	2477	19765	50.00
18	4895	596	375	5866	1651	4378	0	79	6269	5926	-1332	16568	0	16568	2434	19002	49.99
19	5062	796	395	6253	1654	4622	0	0	5914	5838	-995	17372	0	17372	2454	19826	49.99
20	5059	970	386	6415	1631	4584	0	0	5793	5542	-942	17230	0	17230	2464	19694	49.98
21	4865	406	397	5668	1528	4520	0	0	5919	5783	-1174	16325	0	16325	2339	18664	50.01
22	4842	410	378	5630	1307	4536	0	0	5751	5691	-1256	15908	0	15908	2215	18123	50.01
23	4851	292	398	5541	926	4508	0	0	5409	5441	-1217	15199	0	15199	2102	17301	50.00
24	4863	468	398	5729	581	4503	0	0	5071	5323	-1183	14953	0	14953	2031	16984	49.98
MUs	119.46	15.17	9.33	143.96	18.49	103.47	0.00	6.47	156.57	154.30	-25.09	401.61	0.00	401.61	53.41	455.01	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 04/Sep/2021

Position as on 6.30 Hrs of 05/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)	
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	
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	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	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	Bhusawal Unit 5	500	02/09/2021	06.23	05/09/2021	16.46	Clinker Formation	
MSPGCL	Koyana Unit 7	80	02/09/2021	08.00	04/09/2021	15.45	Injector NO.6 replacement work	
IPP	JSW (J) U1	300	02/09/2021	08.41		Continued.	Turbine vibrations high.	
TPC-G	Trombay 7A	120	04/09/2021	00.00	04/09/2021	16.40	synchronize Testing trial.	
TPC-G	Trombay 7A	120	04/09/2021	20.22	05/09/2021	15.55	synchronize Testing trial.	
MSPGCL	Chandrapur Unit 6	500	05/09/2021	07.58	05/09/2021	17.13	Furnace Pressure High	
MSPGCL	Bhusawal Unit 3	210	05/09/2021	20.05		Continued.	Zero schedule.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 05/Sep/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400kv Ict 1 @Tirora	IntraState	05/09/2021	07.31	05/09/2021	18.04	EO	Attending hotspot of 122 deg. in ICT Main (403) Bay isolator.
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	03/09/2021	21.06	04/09/2021	05.56	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 Satpur	InterState	04/09/2021	12.32	04/09/2021	15.49	PO	Work By Power Grid.
Khadka-Aurangabad (Waluj)	IntraState	01/09/2021	20.13	04/09/2021	06.22	HT	Over Voltage
Warora -IEPL	IntraState	02/09/2021	22.38		Continued.	PO	Height raising work across Samruddhi highway at ch 27-400km.
Karad-Jaigad - I	IntraState	04/09/2021	00.15	04/09/2021	08.48	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	04/09/2021	06.37		Continued.	PO	Samruddhi expressway crossing tower erection work.
Dhule - Bableshwar - II	IntraState	04/09/2021	06.40		Continued.	PO	Samruddhi expressway crossing tower erection work.
Chandrapur-II - Nanded ckt I	IntraState	04/09/2021	15.41	04/09/2021	18.10	EO	To Remove Broken Earth wire At LOC No. 59,60,61.
Khadka-Aurangabad (Waluj)	IntraState	04/09/2021	20.13		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT I @Babhleshwar	IntraState	04/09/2021	09.07	04/09/2021	20.44	PO	Bay Maintenance Work.
400/220/33 315MVA ICT-III @ KHADKA	IntraState	04/09/2021	10.24	04/09/2021	17.38	PO	For Attending DC Leakage In Auxiliary Protection.
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	05/09/2021	17.25	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	04/09/2021	17.48	PO	Tower Erection & Bunching work
Kalwa - Siemens	IntraState	24/07/2021	18.16	04/09/2021	09.36	PO	Tower Erection & Bunching work
Uran - Kharghar 2	IntraState	25/08/2021	19.55	05/09/2021	15.58	T	Distance Protection
Washala - Ghatghar	IntraState	03/09/2021	09.35	04/09/2021	13.53	PO	Construction Work.
Raymond - Washala	IntraState	03/09/2021	09.50		Continued.	PO	Samruddhi highway project work
Ghatghar - Jindal	IntraState	03/09/2021	22.45	04/09/2021	14.20	HT	Safety Permit.
Kolshet-Roma	IntraState	04/09/2021	06.45	04/09/2021	20.07	PO	Piling work of MMRDA near patlipada kolshet substation.
Kalwa Salsette III	IntraState	04/09/2021	06.52	04/09/2021	09.48	PO	Stent Broken in Stub bus jumper near CB Y-phase.
SIEMENS - RELIANCE GIS	IntraState	04/09/2021	09.56	04/09/2021	15.54	PO	Removing of bunching work & Connecting of Half Jumper of 220KV Kalwa-TFIPL Line Removing of bunching/ Tap connecting (Siemens LILO) & connecting half jumpers of 220KV Kharghar-Borivali-I Line
JEJURI (400 Kv) - GIS KONDHWA	IntraState	04/09/2021	13.38	04/09/2021	18.57	PO	Due to Hotspot & Replacement of broken (1 insulator) string- R phase.

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 04/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 05/Sep/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Bombay Dyeing - Sahara	IntraState	04/09/2021	16.10	04/09/2021	17.05	EO	At Loc No:-146-147 span earth wire snapped. Work of removal of snapped earth wire between Loc 146-147.
Phulambri-Bhokardan	IntraState	05/09/2021	02.04	05/09/2021	02.55	T	P-A/R SUCC,R PH,32.6 KM,2 KA B-RPH,Z1,12.3 KM. 2.8KA.
Mahape - TIFIL	IntraState	05/09/2021	11.00	05/09/2021	13.45	PO	Reconnecting half jumpers at loc no. 46 of 220KV Kharghar-Borivali.
Bus Coupler @ Borivali	IntraState	05/09/2021	11.00	05/09/2021	12.24	PO	For Testing.
Padghe - Kambha	IntraState	05/09/2021	14.20	05/09/2021	17.42	EO	Replacement of broken conductor of R phase CT to Stub Bus.
Chalisgaon -Babhaleshwar	IntraState	05/09/2021	14.25	05/09/2021	17.46	EO	Replacement of faulty flashover Normal string loc 287 B ph. 289R ph .WORK WILL BE CARRIED OUT IN OFF LINE.
Jambhul - Anandnagar	IntraState	05/09/2021	18.25		Continued.	T	Distance Protection
Eklahara-(Ocr)(Nashik)-Navasari I	IntraState	05/09/2021	21.08		Continued.	T	Distance Protection

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