

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Sep/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	110.356	684.991	1) Gujrat	-13.199	-62.527
2) Hydro	13.781	87.876	2) Madhya Pradesh	-0.076	12.334
3) Gas	7.339	53.659	3) Chattisgarh	4.030	20.530
Total MSPGCL	131.476	826.526	4) Maharashtra	161.373	919.014
B) 1) APML	55.605	315.290	5) Goa (Amona)	-0.679	-4.381
2) JSWEL	13.412	91.951	Total	151.449	884.970
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.579	142.919
4) RPL(AMT)	25.432	158.508	b) Mumbai Drawl	22.770	141.665
5) SWPGPL	5.722	32.552	c) MSEDCL Bilateral *	33.728	208.152
6) Other IPP	5.813	36.246	Include PX	5.323	30.051
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.579	142.919
C) 1) TPCL Thermal	15.142	89.322	Include PX	4.928	35.633
2) TPCL Hydro	3.772	22.241	Standby	0.000	0.000
3) TPCL Gas	3.664	5.467	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.544	67.893	1) MSEDCL	388.903	2348.902
D) STATE			2) Mumbai Discoms	56.892	326.587
1) Thermal	243.026	1476.753	TOTAL STATE	445.795	2675.489
(A1+C1+C4+(B1-B6))					
2) Hydro	17.553	110.117			
(A2+C2)					
3) Gas	11.003	59.126			
(A3+B7+C3)					
4) Wind	18.179	109.592			
6) SOLAR	4.585	34.932			
TOTAL STATE	294.346	1790.520			

* 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 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4809	4734	4375	4562
MSPGCL Hydro	513	406	1415	301
MSPGCL Gas	275	292	311	267
MSPGCL Total Generation	5597	5432	6101	5130
Central Sector Receipt	7770	7365	6245	4782
WIND	889	657	719	645
CPP / IPP Thermal	4464	4455	4511	4332
CPP / IPP Gas	0	0	0	0
SOLAR	546	623	0	0
Exchange with Mumbai	-1264	-1213	-934	-599
MSEDCL DEMAND MET	18002	17319	16642	14290
Load Shedding	0	0	0	0
MSEDCL DEMAND	18002	17319	16642	14290
TPCL GENERATION	1093	1121	1185	625
AEML GENERATION	495	501	492	494
MUMBAI DEMAND	2852	2835	2611	1718
STATE DEMAND MET	20854	20154	19253	16008
STATE DEMAND	20854	20154	19253	16008
Frequency (Hz)	50.05	49.96	49.97	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 10.02 Hrs	49.77 Hz at 17.47 Hrs	50	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 06/Sep/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.64	21.35	175	130
Unit 7	0.00	0.00	0	0
Unit 8	0.00	3.59	0	0
Unit 9	10.60	56.85	490	350
Unit 10	11.33	59.02	500	440
Total	25.58	140.80		
Bhusawal				
Unit 3	0.00	17.05	0	0
Unit 4	9.40	44.36	480	280
Unit 5	9.66	23.99	475	280
Total	19.06	85.41		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	5.00	28.85	249	155
Unit 8	4.34	26.77	196	161
Total	9.34	55.62		
Chandrapur				
Unit 3	0.00	11.53	0	0
Unit 4	0.82	15.71	129	0
Unit 5	6.79	42.80	310	250
Unit 6	5.23	32.80	270	150
Unit 7	7.21	44.51	320	259
Unit 8	9.75	56.63	440	371
Unit 9	0.00	0.00	0	0
Total	29.80	203.98		
Paras				
Unit 3	1.38	20.70	157	0
Unit 4	4.44	23.93	210	156
Total	5.81	44.63		
Khaparkheda				
Unit 1	1.77	12.35	110	0
Unit 2	2.50	19.52	120	65
Unit 3	3.24	21.91	143	130
Unit 4	3.22	21.93	175	100
Unit 5	6.18	56.07	425	0
Total	16.91	131.77		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.85	22.79	201	123
Unit 5	0.00	0.00	0	0
Total	3.85	22.79		
Uran				
All Units	7.34	53.66	390	259
Total	7.34	53.66		
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)	0.40	2.45	27	0
Total	0.40	2.45		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.02	16.16	490	40
Stage 4	2.45	22.78	726	0
Stage 3	1.35	9.08	160	0
Total	6.82	48.02		
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	2.24	40	0
SMLHY_PTN	6.10	34.45	260	245
GHATGHAR	0.50	3.17	250	0
Total	6.96	39.86		
Wind				
Total	18.18	109.59	0	0
Total	18.18	109.59		
CPP				
APML(Mus)	55.60	315.29	0	0
JSWEL(Mus)	13.41	91.95	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.43	158.51	0	0
SWPGPL-Mus	5.72	32.55	0	0
Other(Mus)	5.81	36.25	0	0
Total	105.98	634.55		
SOLAR				
Total	4.58	34.93	0	0
Total	4.58	34.93		
Tata				
Trombay 5	10.32	61.04	482	281
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.68	4.48	126	87
Trombay 7B	0.98	0.98	71	9
Trombay 8	4.82	28.28	223	137
TATA Hydro	3.77	22.24	341	0
Total	22.58	117.03		
AEMIL				
DTPS U-1&2	11.54	67.89	501	291
Total	11.54	67.89		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	110.36	684.99	MSPGCL Total	131.48	826.53
			MSPGCL Thml+Gas	117.70	738.65	Koyna 1,2 & 4 Total	5.47	38.94
			MSPGCL Hydro	13.78	87.88	State Total	294.35	1790.52

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	4624	293	390	5307	526	4427	0	0	5322	5015	-844	14431	0	14431	2010	16441	50.00
2	4575	299	283	5157	501	4188	0	0	5344	5294	-753	14387	0	14387	1879	16266	50.01
3	4539	296	260	5095	505	4137	0	0	5273	5235	-649	14323	0	14323	1784	16107	49.99
4	4562	301	267	5130	645	4332	0	0	5186	4782	-599	14290	0	14290	1718	16008	49.99
5	4633	296	330	5259	747	4352	0	0	5692	5653	-709	15302	0	15302	1710	17012	49.98
6	4828	296	361	5485	870	4367	0	0	6066	6021	-948	15795	0	15795	1772	17567	49.99
7	5173	314	261	5748	901	4402	0	17	6517	6617	-934	16751	0	16751	1870	18621	49.98
8	5204	385	261	5850	795	4425	0	152	7118	6925	-830	17317	0	17317	2089	19406	49.99
9	5176	543	259	5978	688	4413	0	275	7248	7419	-986	17787	0	17787	2403	20190	50.02
10	4834	1048	277	6159	755	4443	0	454	7370	7324	-1152	17983	0	17983	2699	20682	50.02
11	4809	513	275	5597	889	4464	0	546	7839	7770	-1264	18002	0	18002	2852	20854	50.05
12	4743	422	328	5493	802	4453	0	578	7725	7688	-1275	17739	0	17739	2871	20610	50.01
13	4734	406	292	5432	657	4455	0	623	7692	7365	-1213	17319	0	17319	2835	20154	49.96
14	4660	353	311	5324	514	4449	0	650	7398	7203	-1153	16987	0	16987	2743	19730	50.01
15	4643	423	292	5358	789	4350	0	553	7249	7137	-1151	17036	0	17036	2760	19796	49.96
16	4599	655	291	5545	646	4486	0	411	6826	6896	-1200	16784	0	16784	2762	19546	49.99
17	4492	846	302	5640	573	4456	0	243	6694	6800	-1102	16610	0	16610	2740	19350	50.01
18	4399	1060	292	5751	516	4448	0	83	6742	6348	-1002	16144	0	16144	2674	18818	49.98
19	4375	1415	311	6101	719	4511	0	0	6405	6245	-934	16642	0	16642	2611	19253	49.97
20	4424	1473	293	6190	788	4733	0	0	6236	5762	-933	16540	0	16540	2636	19176	50.02
21	4447	927	301	5675	1135	4815	0	0	5787	5604	-861	16368	0	16368	2521	18889	49.99
22	4253	450	340	5043	1158	4631	0	0	5952	5532	-817	15547	0	15547	2406	17953	50.00
23	3865	385	376	4626	1060	4105	0	0	5841	5609	-766	14634	0	14634	2304	16938	50.02
24	3765	382	386	4533	1000	4142	0	0	5446	5205	-695	14185	0	14185	2243	16428	50.00
MUs	110.36	13.78	7.34	131.48	18.18	105.98	0.00	4.59	154.97	151.45	-22.77	388.90	0.00	388.90	56.89	445.79	50.00

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 06/Sep/2021

Position as on 6.30 Hrs of 07/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	06/09/2021	08.34	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	07/09/2021	14.27	Turbine vibration high.	
MSPGCL	Koradi Unit-8	660	01/09/2021	10.30	07/09/2021	07.53	MS outlet Valve Leakage	
IPP	JSW (J) U1	300	02/09/2021	08.41		Continued.	Turbine vibrations high.	
MSPGCL	Bhusawal Unit 3	210	05/09/2021	20.05		Continued.	Zero schedule.	
MSPGCL	Uran Unit 6	108	06/09/2021	01.09	06/09/2021	03.03	Boiler Protection operated	
MSPGCL	Uran Unit 6	108	06/09/2021	05.47	06/09/2021	08.51	Boiler Protection	
MSPGCL	Chandrapur Unit 4	210	06/09/2021	07.05		Continued.	Generator Elect. Fault	
MSPGCL	Paras Unit 3	250	06/09/2021	09.20		Continued.	Turbine bearing Vabration high	
MSPGCL	Khaparkheda Unit 1	210	06/09/2021	13.17	06/09/2021	18.22	Poor Coal receipt	
MSPGCL	Khaparkheda Unit 5	500	06/09/2021	15.29		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 6	108	07/09/2021	06.04	07/09/2021	10.20	Instrumentation and control problem	
IPP	JSW (J) U3	300	07/09/2021	10.20		Continued.	Non availability of load scheduling.	
IPP	SWPGPL U-2	135	07/09/2021	15.17		Continued.	ID Fan Problem	
MSPGCL	Koradi Unit 6	210	07/09/2021	19.36		Continued.	PA Fan problem	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 06/Sep/2021

Position as on 6.30 Hrs of 07/Sep/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Nasik Unit 4	210	07/09/2021	20.03		Continued.	PA Fan problem(Converted to Zero schedule from 12.00Hrs DT.13-09-2021)	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 07/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
Warora -IEPL	IntraState	02/09/2021	22.38		Continued.	PO	Height raising work across Samruddhi highway at ch 27-400km.
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.
Khadka-Aurangabad (Waluj)	IntraState	04/09/2021	20.13	06/09/2021	08.04	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	06/09/2021	12.40	06/09/2021	17.40	PO	Polymer string replacement work
Khadka-Aurangabad (Waluj)	IntraState	06/09/2021	19.54	07/09/2021	11.14	HT	Over Voltage
Girwali- Lonikand 2	IntraState	06/09/2021	22.05	07/09/2021	08.31	T	Distance Protection
Lonikand I - Koyna stage-IV	IntraState	07/09/2021	09.04	07/09/2021	16.29	PO	Polymer string replacement work .
Taptitanda Waluj	IntraState	07/09/2021	21.10		Continued.	T	Distance Protection
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.
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)
EKLAHARE (OCR) Nasik - Navsari I	InterState	07/09/2021	23.48		Continued.	HT	To control line loading of 220kv Nasik-Bableshwar ckt.
Kalwa-TIFIL	IntraState	23/07/2021	11.12	07/09/2021	10.55	PO	For Complete Tower erection work at loc no. 75A & 76 (behind M/s Siemens).
Raymond - Washala	IntraState	03/09/2021	09.50		Continued.	PO	Samruddhi highway project work
Jambhul - Anandnagar	IntraState	05/09/2021	18.25	06/09/2021	00.06	T	Distance Protection
Eklahara-(Ocr)(Nashik)-Navasari I	IntraState	05/09/2021	21.08	07/09/2021	15.44	T	Distance Protection
Kolshet-Roma	IntraState	06/09/2021	08.08	06/09/2021	22.46	PO	Piling work of MMRDA
Chandrapur(MIDC)-Ballarshah II	IntraState	06/09/2021	09.58	06/09/2021	10.23	T	Tripped on PDR
Adlabs - Pedambe	IntraState	06/09/2021	13.04	06/09/2021	16.23	T	Backup Over current
Jejuri (400 Kv)-Phurusungi	IntraState	06/09/2021	13.36	06/09/2021	19.34	EO	Replacement of Pilot string
Wardha-Dhamangaon	IntraState	06/09/2021	16.58	06/09/2021	17.15	T	Distance Protection
Yeotmal- Pusad	IntraState	06/09/2021	17.50	07/09/2021	11.54	T	Distance Protection
Nagothane-Wadkhal-I	IntraState	07/09/2021	08.36	07/09/2021	14.30	PO	For attending hotspot at Loc.No.24, (New line) emergency tree cutting, Loc.No.-15 cross arm jumper providing work and routine maintenance work.
Nanded-Parbhani	IntraState	07/09/2021	12.25	07/09/2021	18.55	PO	Replacement of 19 core faulty cable between control panel & relay panel.
Nagothane-Wadkhal II	IntraState	07/09/2021	14.48	07/09/2021	19.22	PO	For attending hotspot at Loc.No.30(Old line), emergency tree cutting, missing jumper Nutbolt providing at Loc.No.30 &10 routine maintenance work.
Dondaicha- Shahada	IntraState	07/09/2021	20.08	07/09/2021	22.10	T	Distance Protection
Apta - Taloja	IntraState	07/09/2021	20.15	07/09/2021	22.30	EO	For testing the operation of

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 06/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 07/Sep/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							overloading contact of backup relay to confirm Kalwa interconnection closing operations from 220kV Apta end.
220 KV ICT Outages/Trippings							
220/132-110 Kv 200 Mva Ptr 3 @Ichalkaranji-Ii	IntraState	06/09/2021	09.18	06/09/2021	16.43	PO	Quarterly Maintenance Work
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	06/09/2021	12.10	06/09/2021	16.42	PO	Line Differential relay commissioning work
220/132 Kv 200 Mva Bbl Ict 4 @Padegaon	IntraState	07/09/2021	21.02	07/09/2021	21.29	T	LV side tripped, Bus protection optd.
220/132 Kv 100 Mva Bhel Ict 1 @Padegaon	IntraState	07/09/2021	21.02		Continued.	T	LV side tripped, Bus protection optd.
220/132 Kv 100 Mva Bhel Ict 2 @Padegaon	IntraState	07/09/2021	21.02	07/09/2021	21.34	T	LV side tripped, Bus protection optd.
220/132 Kv 200 Mva Bbl Ict 3 @Padegaon	IntraState	07/09/2021	21.02	07/09/2021	21.29	T	LV side tripped, Bus protection optd.