

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Sep/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	110.202	574.635	1) Gujrat	-11.251	-49.328
2) Hydro	8.689	74.095	2) Madhya Pradesh	0.213	12.410
3) Gas	9.326	46.320	3) Chattisgarh	3.230	16.500
Total MSPGCL	128.217	695.050	4) Maharashtra	156.460	757.641
B) 1) APML	52.589	259.685	5) Goa (Amona)	-0.234	-3.702
2) JSWEL	13.132	78.539	Total	148.418	733.521
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.642	118.340
4) RPL(AMT)	24.958	133.076	b) Mumbai Drawl	22.670	118.895
5) SWPGPL	5.412	26.830	c) MSEDCL Bilateral *	39.406	174.424
6) Other IPP	5.511	30.433	Include PX	9.200	24.728
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.642	118.340
C) 1) TPCL Thermal	13.606	74.180	Include PX	6.421	30.704
2) TPCL Hydro	1.537	18.469	Standby	0.000	0.000
3) TPCL Gas	0.772	1.803	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.081	56.349	1) MSEDCL	376.150	1959.999
D) STATE			2) Mumbai Discoms	48.666	269.695
1) Thermal	235.491	1233.727	TOTAL STATE	424.816	2229.694
(A1+C1+C4+(B1-B6))					
2) Hydro	10.226	92.564			
(A2+C2)					
3) Gas	10.098	48.123			
(A3+B7+C3)					
4) Wind	14.329	91.413			
6) SOLAR	6.254	30.347			
TOTAL STATE	276.398	1496.174			

* 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	4468	4218	5089	4715
MSPGCL Hydro	491	406	536	283
MSPGCL Gas	389	382	386	388
MSPGCL Total Generation	5348	5006	6011	5386
Central Sector Receipt	7225	6728	5898	5425
WIND	498	883	722	349
CPP / IPP Thermal	4269	3984	4509	4330
CPP / IPP Gas	0	0	0	0
SOLAR	689	812	0	0
Exchange with Mumbai	-1211	-1076	-664	-1034
MSEDCL DEMAND MET	16818	16337	16476	14456
Load Shedding	0	0	0	0
MSEDCL DEMAND	16818	16337	16476	14456
TPCL GENERATION	496	691	1091	418
AEML GENERATION	396	494	493	294
MUMBAI DEMAND	2103	2261	2248	1746
STATE DEMAND MET	18921	18598	18724	16202
STATE DEMAND	18921	18598	18724	16202
Frequency (Hz)	50.05	50.02	49.96	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 06.03 Hrs	49.78 Hz at 14.48 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 05/Sep/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.46	17.70	180	125
Unit 7	0.00	0.00	0	0
Unit 8	0.00	3.59	0	0
Unit 9	9.97	46.24	442	366
Unit 10	10.36	47.68	480	400
Total	23.80	115.22		
Bhusawal				
Unit 3	2.68	17.05	180	0
Unit 4	8.80	34.96	440	285
Unit 5	1.71	14.33	345	0
Total	13.19	66.34		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	5.00	23.84	248	187
Unit 8	4.56	22.43	197	181
Total	9.56	46.27		
Chandrapur				
Unit 3	0.00	11.53	0	0
Unit 4	2.88	14.88	132	102
Unit 5	6.48	36.02	290	240
Unit 6	3.46	27.56	255	0
Unit 7	6.94	37.30	313	274
Unit 8	9.68	46.88	437	379
Unit 9	0.00	0.00	0	0
Total	29.44	174.17		
Paras				
Unit 3	3.93	19.33	192	141
Unit 4	4.12	19.50	211	152
Total	8.06	38.82		
Khaparkheda				
Unit 1	2.72	10.58	130	90
Unit 2	3.12	17.02	165	110
Unit 3	3.34	18.67	156	130
Unit 4	3.36	18.71	178	130
Unit 5	10.00	49.89	440	380
Total	22.55	114.86		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.61	18.94	196	121
Unit 5	0.00	0.00	0	0
Total	3.61	18.94		
Uran				
All Units	9.33	46.32	401	370
Total	9.33	46.32		
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	2.05	25	0
Total	0.36	2.05		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.98	13.14	200	40
Stage 4	0.00	20.33	0	0
Stage 3	0.58	7.73	80	0
Total	2.57	41.20		
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	1.88	40	0
SMLHY_PTN	5.76	28.34	260	220
GHATGHAR	0.00	2.68	0	0
Total	6.12	32.90		
Wind				
Total	14.33	91.41	0	0
Total	14.33	91.41		
CPP				
APML(Mus)	52.59	259.68	0	0
JSWEL(Mus)	13.13	78.54	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	24.96	133.08	0	0
SWPGPL-Mus	5.41	26.83	0	0
Other(Mus)	5.51	30.43	0	0
Total	101.60	528.56		
SOLAR				
Total	6.25	30.35	0	0
Total	6.25	30.35		
Tata				
Trombay 5	9.28	50.71	482	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.77	1.80	115	0
Trombay 7B	0.00	0.00	0	0
Trombay 8	4.33	23.47	223	137
TATA Hydro	1.54	18.47	337	0
Total	15.92	94.45		
AEMIL				
DTPS U-1&2	10.08	56.35	496	286
Total	10.08	56.35		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	110.20	574.64	MSPGCL Total	128.22	695.05
			MSPGCL Thml+Gas	119.53	620.96	Koyna 1,2 & 4 Total	1.98	33.47
			MSPGCL Hydro	8.69	74.10	State Total	276.40	1496.17

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/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	4760	391	390	5541	426	4267	0	0	5425	5419	-1102	14551	0	14551	1955	16506	50.01
2	4822	293	400	5515	393	4333	0	0	5599	5355	-992	14604	0	14604	1840	16444	49.99
3	4715	283	388	5386	349	4330	0	0	5748	5425	-1034	14456	0	14456	1746	16202	49.97
4	4695	286	389	5370	288	4316	0	0	5739	5633	-980	14627	0	14627	1684	16311	49.99
5	4732	320	400	5452	279	4303	0	0	5805	5686	-968	14752	0	14752	1672	16424	49.97
6	4739	275	401	5415	346	4313	0	0	6298	6161	-1005	15230	0	15230	1716	16946	50.02
7	4682	265	390	5337	306	4216	0	16	7428	6970	-1027	15818	0	15818	1735	17553	50.05
8	4504	275	391	5170	308	4186	0	129	7824	7647	-1072	16368	0	16368	1787	18155	50.04
9	4291	362	400	5053	379	4182	0	429	7584	7694	-1200	16537	0	16537	1929	18466	50.05
10	4468	491	389	5348	498	4269	0	689	7307	7225	-1211	16818	0	16818	2103	18921	50.05
11	4410	390	397	5197	545	4257	0	842	7362	6589	-1077	16353	0	16353	2241	18594	50.04
12	4195	410	372	4977	622	4125	0	927	7231	7056	-1088	16619	0	16619	2284	18903	50.01
13	4218	406	382	5006	883	3984	0	812	6925	6728	-1076	16337	0	16337	2261	18598	50.02
14	4173	353	371	4897	824	3794	0	787	6734	6502	-1004	15800	0	15800	2191	17991	50.00
15	4185	332	379	4896	1054	3764	0	735	6647	6308	-968	15789	0	15789	2149	17938	49.91
16	4229	320	370	4919	1004	3765	0	515	6522	6424	-917	15710	0	15710	2104	17814	50.01
17	4290	313	393	4996	1048	4018	0	266	6187	6477	-839	15966	0	15966	2066	18032	49.99
18	4634	474	386	5494	1042	4209	0	96	5909	5747	-841	15747	0	15747	2077	17824	49.98
19	5025	343	375	5743	946	4377	0	11	5845	5926	-664	16339	0	16339	2150	18489	49.99
20	5089	536	386	6011	722	4509	0	0	6122	5898	-664	16476	0	16476	2248	18724	49.96
21	4885	505	399	5789	502	4685	0	0	5569	5661	-603	16034	0	16034	2249	18283	49.98
22	4987	450	389	5826	497	4524	0	0	5374	5204	-614	15437	0	15437	2226	17663	50.02
23	4801	315	390	5506	536	4442	0	0	5682	5398	-797	15085	0	15085	2149	17234	50.02
24	4673	301	399	5373	532	4434	0	0	5629	5285	-927	14697	0	14697	2104	16801	50.00
MUs	110.20	8.69	9.33	128.22	14.33	101.60	0.00	6.25	152.49	148.42	-22.67	376.15	0.00	376.15	48.67	424.82	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 05/Sep/2021

Position as on 6.30 Hrs of 06/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		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	
IPP	JSW (J) U1	300	02/09/2021	08.41		Continued.	Turbine vibrations high.	
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.	
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	Khaparkhedha Unit 1	210	06/09/2021	13.17	06/09/2021	18.22	Poor Coal receipt	
MSPGCL	Khaparkhedha Unit 5	500	06/09/2021	15.29		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 06/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.
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		Continued.	HT	Over Voltage
Girwali- Lonikand 2	IntraState	06/09/2021	22.05		Continued.	T	Distance 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).
Uran - Kharghar 2	IntraState	25/08/2021	19.55	05/09/2021	15.58	T	Distance Protection
Raymond - Washala	IntraState	03/09/2021	09.50		Continued.	PO	Samruddhi highway project work
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.
Bus Coupler @ Borivali	IntraState	05/09/2021	11.00	05/09/2021	12.24	PO	For Testing.
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.
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	06/09/2021	00.06	T	Distance Protection
Eklahara-(Ocr)(Nashik)-Navasari I	IntraState	05/09/2021	21.08		Continued.	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		Continued.	T	Distance Protection
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

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