

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Sep/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	113.036	1914.948	1) Gujrat	-8.754	-191.874
2) Hydro	25.189	254.839	2) Madhya Pradesh	12.149	93.579
3) Gas	5.635	125.012	3) Chattisgarh	5.960	86.330
Total MSPGCL	143.860	2294.799	4) Maharashtra	137.648	2551.823
B) 1) APLM	51.330	903.973	5) Goa (Amona)	-1.378	-18.842
2) JSWEL	11.630	241.937	Total	145.625	2521.016
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.620	462.729
4) RPL(AMT)	25.820	430.836	b) Mumbai Drawl	23.602	440.457
5) SWPGPL	6.218	91.037	c) MSEDCL Bilateral *	36.402	641.329
6) Other IPP	6.434	99.075	Include PX	9.665	123.048
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.620	462.729
C) 1) TPCL Thermal	14.286	233.788	Include PX	11.788	149.712
2) TPCL Hydro	3.532	64.670	Standby	0.000	0.000
3) TPCL Gas	3.202	49.343	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.443	194.577	1) MSEDCL	400.506	6829.125
D) STATE			2) Mumbai Discoms	56.065	982.837
1) Thermal	240.197	4110.171	TOTAL STATE	456.571	7811.962
(A1+C1+C4+(B1-B6))					
2) Hydro	28.721	319.509			
(A2+C2)					
3) Gas	8.837	174.355			
(A3+B7+C3)					
4) Wind	26.055	583.460			
6) SOLAR	7.136	103.449			
TOTAL STATE	310.946	5290.944			

* 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	4760	4856	4764	4803
MSPGCL Hydro	1086	688	2378	276
MSPGCL Gas	229	225	228	241
MSPGCL Total Generation	6075	5769	7370	5320
Central Sector Receipt	6854	6882	5747	4724
WIND	1254	1128	952	1305
CPP / IPP Thermal	4174	4137	4407	4220
CPP / IPP Gas	0	0	0	0
SOLAR	780	941	0	0
Exchange with Mumbai	-1183	-1358	-967	-863
MSEDCL DEMAND MET	17954	17499	17509	14706
Load Shedding	0	0	0	0
MSEDCL DEMAND	17954	17499	17509	14706
TPCL GENERATION	846	884	1162	565
AEML GENERATION	492	497	495	422
MUMBAI DEMAND	2521	2739	2624	1850
STATE DEMAND MET	20475	20238	20133	16556
STATE DEMAND	20475	20238	20133	16556
Frequency (Hz)	50.03	50.00	49.97	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 13.04 Hrs	49.64 Hz at 18.38 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 18/Sep/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.80	32.29	130	75
Unit 7	0.00	0.00	0	0
Unit 8	11.46	115.60	575	398
Unit 9	0.00	123.23	0	0
Unit 10	10.92	161.37	530	390
Total	25.18	432.50		
Bhusawal				
Unit 3	0.00	17.05	0	0
Unit 4	7.42	142.03	350	300
Unit 5	6.82	125.00	410	0
Total	14.23	284.08		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	5.89	55.08	248	239
Unit 8	4.70	76.54	200	191
Total	10.59	131.62		
Chandrapur				
Unit 3	0.00	11.53	0	0
Unit 4	0.00	25.91	0	0
Unit 5	6.86	117.82	300	230
Unit 6	6.45	64.85	290	165
Unit 7	7.23	129.96	310	286
Unit 8	9.62	160.29	435	370
Unit 9	8.25	96.02	435	0
Total	38.42	606.37		
Paras				
Unit 3	0.00	20.70	0	0
Unit 4	4.18	68.70	198	150
Total	4.18	89.40		
Khaparkheda				
Unit 1	0.00	24.46	0	0
Unit 2	0.00	34.67	0	0
Unit 3	3.13	60.04	137	130
Unit 4	3.02	59.50	140	115
Unit 5	6.45	120.46	290	215
Total	12.60	299.13		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.81	35.18	189	116
Unit 5	4.03	36.67	182	124
Total	7.83	71.85		
Uran				
All Units	5.64	125.01	251	225
Total	5.64	125.01		
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)	0.02	6.24	16	0
Total	0.02	6.24		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	6.16	49.87	530	45
Stage 4	8.75	49.98	1000	0
Stage 3	2.74	28.46	320	0
Total	17.65	128.32		
Hydro				
KDPH	0.00	4.44	0	0
VTRNA	0.49	3.51	59	0
TILLARI	0.22	3.54	57	0
BHIRA T.R.	0.45	6.87	40	0
SMLHY_PTN	5.13	96.52	235	198
GHATGHAR	1.25	11.63	250	0
Total	7.54	126.52		
Wind				
Total	26.06	583.46	0	0
Total	26.06	583.46		
CPP				
APML(Mus)	51.33	903.97	0	0
JSWEL(Mus)	11.63	241.94	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.82	430.84	0	0
SWPGPL-Mus	6.22	91.04	0	0
Other(Mus)	6.43	99.08	0	0
Total	101.43	1766.86		
SOLAR				
Total	7.14	103.45	0	0
Total	7.14	103.45		
Tata				
Trombay 5	9.29	151.95	448	280
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.87	31.15	117	63
Trombay 7B	1.33	18.19	67	51
Trombay 8	5.00	81.84	226	137
TATA Hydro	3.53	64.67	352	0
Total	21.02	347.80		
AEML				
DTPS U-1&2	11.44	194.58	500	286
Total	11.44	194.58		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	113.04	1914.95	MSPGCL Total	143.86	2294.80
			MSPGCL Thml+Gas	118.67	2039.96	Koyna 1,2 & 4 Total	14.92	99.85
			MSPGCL Hydro	25.19	254.84	State Total	310.95	5290.94

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	4824	297	241	5362	1120	4276	0	0	4818	4619	-792	14585	0	14585	2098	16683	50.01
2	4821	269	240	5330	1246	4260	0	0	5062	4738	-742	14832	0	14832	1968	16800	50.04
3	4803	276	241	5320	1305	4220	0	0	5046	4724	-863	14706	0	14706	1850	16556	50.00
4	4743	268	230	5241	1319	4176	0	0	5211	5069	-965	14840	0	14840	1784	16624	50.00
5	4778	273	241	5292	1383	4208	0	0	5200	5063	-904	15042	0	15042	1778	16820	49.99
6	4842	426	251	5519	1283	4175	0	0	5514	5563	-665	15875	0	15875	1862	17737	50.01
7	4859	895	241	5995	1225	4141	0	44	6522	6557	-611	17351	0	17351	1909	19260	50.01
8	4843	1430	230	6503	1004	4181	0	250	6949	6896	-709	18125	0	18125	2020	20145	49.93
9	4848	955	239	6042	1077	4148	0	573	7034	7156	-897	18099	0	18099	2215	20314	50.03
10	4760	1086	229	6075	1254	4174	0	780	6816	6854	-1183	17954	0	17954	2521	20475	50.03
11	4703	702	236	5641	1304	4172	0	932	7061	6919	-1281	17687	0	17687	2720	20407	50.04
12	4784	639	227	5650	1211	4129	0	1013	6929	7010	-1358	17655	0	17655	2774	20429	50.03
13	4856	688	225	5769	1128	4137	0	941	6944	6882	-1358	17499	0	17499	2739	20238	50.00
14	4849	338	226	5413	1164	4159	0	825	6965	7091	-1274	17378	0	17378	2658	20036	50.07
15	4853	379	236	5468	1044	4179	0	693	6996	7067	-1236	17215	0	17215	2639	19854	49.96
16	4869	828	226	5923	903	4165	0	568	6988	7058	-1241	17376	0	17376	2654	20030	50.00
17	4849	923	227	5999	922	4221	0	370	7084	6835	-1150	17197	0	17197	2619	19816	49.99
18	4870	1674	227	6771	830	4236	0	133	6451	6365	-993	17342	0	17342	2566	19908	49.92
19	4753	2082	237	7072	820	4367	0	14	6487	6232	-966	17539	0	17539	2581	20120	49.86
20	4764	2378	228	7370	952	4407	0	0	5914	5747	-967	17509	0	17509	2624	20133	49.97
21	4359	2367	248	6974	925	4346	0	0	5422	5343	-888	16700	0	16700	2517	19217	50.00
22	4123	2368	239	6730	842	4284	0	0	5339	5434	-829	16461	0	16461	2401	18862	50.00
23	4154	1951	230	6335	838	4292	0	0	5466	5253	-819	15899	0	15899	2305	18204	50.03
24	4129	1697	240	6066	956	4379	0	0	5387	5150	-911	15640	0	15640	2263	17903	49.99
MUs	113.04	25.19	5.63	143.86	26.05	101.43	0.00	7.14	147.61	145.62	-23.60	400.51	0.00	400.51	56.06	456.57	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 18/Sep/2021

Position as on 6.30 Hrs of 19/Sep/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
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 U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
PGPL	PGPL U1	262	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	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	
IPP	JSW (J) U1	300	02/09/2021	08.41		Continued.	Turbine vibrations high.	
MSPGCL	Bhusawal Unit 3	210	05/09/2021	20.05	18/09/2021	03.30	Zero schedule.	
MSPGCL	Paras Unit 3	250	06/09/2021	09.20		Continued.	Turbine bearing Vabration high	
IPP	JSW (J) U3	300	07/09/2021	10.20		Continued.	Non availability of load scheduling.	
MSPGCL	Uran Unit A0	120	10/09/2021	01.54		Continued.	Turbine bearing Vabration high	
MSPGCL	Khaparkheda Unit 1	210	11/09/2021	19.37		Continued.	Coal Shortage.	
MSPGCL	Khaparkheda Unit 2	210	12/09/2021	21.59		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 9	660	15/09/2021	05.19		Continued.	Air pre-heater work.	
MSPGCL	Chandrapur Unit 4	210	15/09/2021	23.54		Continued.	Poor coal receipt	
MSPGCL	Uran Unit 5	108	17/09/2021	12.09		Continued.	Tripped On Under exciter Protection.	
MSPGCL	Bhusawal Unit 3	210	18/09/2021	03.30		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 9	500	18/09/2021	19.49	19/09/2021	01.35	Drum level low	
MSPGCL	Bhusawal Unit 5	500	18/09/2021	21.00		Continued.	Coal Shortage	
MSPGCL	Koyna STG-IV Unit-4	250	18/09/2021	22.20	19/09/2021	05.40	Oil Leakage	
IPP	Adani U-5	660	19/09/2021	03.47		Continued.	Abnormal Sound in Turbine governing system.	
MSPGCL	Koradi Unit 6	210	19/09/2021	10.02	19/09/2021	14.45	Air Flow Less Than Required Value.	
MSPGCL	Nasik Unit 5	210	19/09/2021	20.50		Continued.	Coal Shortage.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 19/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
Dhule- Bableshwar - I	IntraState	04/09/2021	06.37	18/09/2021	03.10	PO	Samruddhi expressway crossing tower erection work.
Dhule - Bableshwar - II	IntraState	04/09/2021	06.40	18/09/2021	04.35	PO	Samruddhi expressway crossing tower erection work.
Bus Coupler @ Lonikand	IntraState	16/09/2021	09.48		Continued.	PO	CB overhauling work.
Khadka-Aurangabad (Waluj)	IntraState	16/09/2021	21.09	19/09/2021	09.20	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	17/09/2021	18.02	19/09/2021	11.47	T	Distance Protection
Akola II - RPL(Rattanindia) Ckt-II	IntraState	18/09/2021	10.24	18/09/2021	14.11	PO	Height Extension of Common Control Panel of Circuit Breaker.
N.Koyna-Karad -Ckt II	IntraState	19/09/2021	03.54	19/09/2021	14.38	T	Distance Protection
Kalwa - Kharghar	IntraState	19/09/2021	09.21	19/09/2021	16.25	EO	Replacement of Faulty Main-2 Relay
Ektuni-Bableshwar ckt I	IntraState	19/09/2021	09.54	19/09/2021	19.34	PO	CT, CB Relay Testing Work & 29D & 29C Isolator Repairing Work.
Khadka-Aurangabad (Waluj)	IntraState	19/09/2021	18.08		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	19/09/2021	20.56		Continued.	HT	Over Voltage
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.
400/220 KV 500MVA ICT-IV @ Babhaleshwar	IntraState	18/09/2021	10.17	18/09/2021	19.47	PO	Relay, Bushing, CT,CB Diagnostic testing & bay maintenance work.
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)
Borivali - Tarapur	InterState	18/09/2021	21.43	19/09/2021	00.01	HT	Emergency outage on Bus section -1 of Borivali for isolating Aarey Ckt-2.
MSETCL Borivli Aarey 2	IntraState	18/09/2021	09.26	19/09/2021	21.20	PO	Breaker Overhauling At Borivali End.
Raymond - Washala	IntraState	18/09/2021	12.24	18/09/2021	15.16	EO	To attend Hot Spot
Mumewadi-Belewadi	IntraState	18/09/2021	14.11	18/09/2021	15.14	EO	Replacement of suspension Clamp at Loc. No. 10.
ANANDNAGAR - PALAVA	IntraState	18/09/2021	15.08	18/09/2021	18.15	EO	To attend Hot Spot
GIS Bhandup - Borivali	IntraState	18/09/2021	15.17	18/09/2021	18.48	EO	Replacement of damaged spacers & fixing missing spacers between loc no. 45 to 48.
Dhule-Chalisgaon	IntraState	18/09/2021	17.10	18/09/2021	17.27	HT	Removing Polytenes On WT.
Tata Borivli MSETCL Borivli 4	IntraState	18/09/2021	20.49	18/09/2021	22.39	HT	Emergency outage on Bus section -1 of Borivali for isolating Aarey Ckt-2.
GIS Bhandup - Borivali	IntraState	18/09/2021	21.04	18/09/2021	22.32	HT	Emergency outage on Bus section -1 of Borivali for isolating Aarey Ckt-2.
Kharghar-Borivali ckt II	IntraState	18/09/2021	21.21	18/09/2021	22.26	HT	Emergency outage on Bus section -1 of Borivali for isolating Aarey Ckt-2.
BOISAR BORIVALI	IntraState	18/09/2021	21.33	18/09/2021	23.42	HT	Emergency outage on Bus section -1 of Borivali for isolating Aarey Ckt-2.
PANDHARPUR BHALVANI	IntraState	19/09/2021	11.42	19/09/2021	13.30	PO	Disc Insulator Replacement Work
Waluj-Padegaon I	IntraState	19/09/2021	13.00	19/09/2021	13.39	T	Distance Protection
Waluj- Padegaon II	IntraState	19/09/2021	13.00	19/09/2021	13.35	T	B/UP Protection Operated.
220 KV ICT Outages/Trippings							

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 18/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 19/Sep/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 kV 200 MVA ICT-II @Kalwa	IntraState	18/09/2021	10.05	18/09/2021	18.41	PO	Routine Maintenance Work
220/132 Kv 200 Mva Bbl lct 3 @Padegaon	IntraState	18/09/2021	15.47	18/09/2021	17.26	PO	New Neutral Earthing Connections To Be Connected, TCIV Resistor Of CTR Fire Fighting System TO BE Replaced & Other Maintenance Work.