

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Sep/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	118.453	1801.912	1) Gujrat	-8.702	-183.120
2) Hydro	14.066	229.650	2) Madhya Pradesh	11.303	81.430
3) Gas	5.369	119.377	3) Chattisgarh	6.150	80.370
Total MSPGCL	137.888	2150.939	4) Maharashtra	136.348	2414.175
B) 1) APLM	49.534	852.643	5) Goa (Amona)	-1.208	-17.464
2) JSWEL	12.878	230.307	Total	143.891	2375.391
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.787	439.109
4) RPL(AMT)	24.986	405.016	b) Mumbai Drawl	25.720	416.855
5) SWPGPL	6.049	84.819	c) MSEDCL Bilateral *	40.498	604.926
6) Other IPP	5.928	92.641	Include PX	9.708	113.383
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.787	439.109
C) 1) TPCL Thermal	11.876	219.502	Include PX	16.772	137.924
2) TPCL Hydro	4.406	61.138	Standby	0.000	0.000
3) TPCL Gas	3.535	46.141	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.225	183.134	1) MSEDCL	391.979	6428.619
D) STATE			2) Mumbai Discoms	56.762	926.772
1) Thermal	240.929	3869.974	TOTAL STATE	448.741	7355.391
(A1+C1+C4+(B1-B6))					
2) Hydro	18.472	290.788			
(A2+C2)					
3) Gas	8.904	165.518			
(A3+B7+C3)					
4) Wind	30.370	557.405			
6) SOLAR	6.175	96.313			
TOTAL STATE	304.850	4979.998			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5064	4975	5011	4741
MSPGCL Hydro	482	302	1976	301
MSPGCL Gas	214	157	239	228
MSPGCL Total Generation	5760	5434	7226	5270
Central Sector Receipt	7317	6506	6118	4655
WIND	1295	1595	1248	1055
CPP / IPP Thermal	4252	4013	4300	4125
CPP / IPP Gas	0	0	0	0
SOLAR	524	884	0	0
Exchange with Mumbai	-1119	-1629	-933	-635
MSEDCL DEMAND MET	18029	16803	17959	14470
Load Shedding	0	0	0	0
MSEDCL DEMAND	18029	16803	17959	14470
TPCL GENERATION	758	682	1201	652
AEML GENERATION	495	493	498	491
MUMBAI DEMAND	2372	2804	2632	1778
STATE DEMAND MET	20401	19607	20591	16248
STATE DEMAND	20401	19607	20591	16248
Frequency (Hz)	50.05	49.98	50.01	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 08.14 Hrs	49.74 Hz at 06.12 Hrs	49.99	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 17/Sep/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.04	29.50	145	110
Unit 7	0.00	0.00	0	0
Unit 8	13.86	104.14	650	500
Unit 9	0.00	123.23	0	0
Unit 10	12.71	150.46	560	485
Total	29.60	407.32		
Bhusawal				
Unit 3	0.00	17.05	0	0
Unit 4	8.96	134.62	455	295
Unit 5	9.00	118.18	455	290
Total	17.96	269.85		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	4.98	49.19	249	158
Unit 8	4.51	71.84	206	153
Total	9.49	121.02		
Chandrapur				
Unit 3	0.00	11.53	0	0
Unit 4	0.00	25.91	0	0
Unit 5	6.92	110.96	305	260
Unit 6	6.12	58.40	285	195
Unit 7	7.41	122.72	340	280
Unit 8	8.48	150.67	422	304
Unit 9	8.89	87.77	438	300
Total	37.82	567.96		
Paras				
Unit 3	0.00	20.70	0	0
Unit 4	3.47	64.52	160	136
Total	3.47	85.22		
Khaparkheda				
Unit 1	0.00	24.46	0	0
Unit 2	0.00	34.67	0	0
Unit 3	3.27	56.90	145	129
Unit 4	3.12	56.48	145	110
Unit 5	6.35	114.02	325	230
Total	12.74	286.53		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.70	31.37	187	120
Unit 5	3.67	32.65	182	123
Total	7.36	64.02		
Uran				
All Units	5.37	119.38	239	157
Total	5.37	119.38		
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)	0.14	6.21	22	0
Total	0.14	6.21		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.78	43.70	420	40
Stage 4	2.30	41.23	859	0
Stage 3	1.28	25.73	160	0
Total	6.36	110.66		
Hydro				
KDPH	0.68	4.44	36	0
VTRNA	0.53	3.03	60	0
TILLARI	0.22	3.32	56	0
BHIRA T.R.	0.31	6.42	40	0
SMLHY_PTN	5.38	91.40	236	216
GHATGHAR	0.58	10.38	250	0
Total	7.71	118.99		
Wind				
Total	30.37	557.40	0	0
Total	30.37	557.40		
CPP				
APML(Mus)	49.53	852.64	0	0
JSWEL(Mus)	12.88	230.31	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	24.99	405.02	0	0
SWPGPL-Mus	6.05	84.82	0	0
Other(Mus)	5.93	92.64	0	0
Total	99.38	1665.43		
SOLAR				
Total	6.18	96.31	0	0
Total	6.18	96.31		
Tata				
Trombay 5	7.32	142.66	432	269
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.13	29.28	116	64
Trombay 7B	1.41	16.86	67	51
Trombay 8	4.55	76.84	219	137
TATA Hydro	4.41	61.14	390	0
Total	19.82	326.78		
AEML				
DTPS U-1&2	11.22	183.13	498	286
Total	11.22	183.13		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	118.45	1801.91	MSPGCL Total	137.89	2150.94
			MSPGCL Thml+Gas	123.82	1921.29	Koyna 1,2 & 4 Total	5.08	84.94
			MSPGCL Hydro	14.07	229.65	State Total	304.85	4980.00

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	4808	346	226	5380	958	4116	0	0	5177	5225	-831	14848	0	14848	2065	16913	49.96
2	4725	503	226	5454	1032	4169	0	0	4975	5009	-753	14911	0	14911	1945	16856	49.97
3	4781	397	227	5405	1076	4174	0	0	4961	4779	-701	14733	0	14733	1844	16577	50.03
4	4741	301	228	5270	1055	4125	0	0	5158	4655	-635	14470	0	14470	1778	16248	50.02
5	4908	295	226	5429	980	4132	0	0	5114	5284	-627	15198	0	15198	1778	16976	49.96
6	5130	439	228	5797	975	4071	0	0	5625	6028	-630	16241	0	16241	1846	18087	49.89
7	5141	818	228	6187	1110	4116	0	41	6782	6032	-636	16850	0	16850	1900	18750	49.92
8	5135	728	236	6099	1087	4193	0	238	7456	7313	-835	18095	0	18095	2078	20173	49.99
9	5064	482	214	5760	1295	4252	0	524	7568	7317	-1119	18029	0	18029	2372	20401	50.05
10	5036	472	223	5731	1566	4178	0	721	7517	6954	-1410	17740	0	17740	2642	20382	50.00
11	4696	487	222	5405	1590	3859	0	779	7442	7512	-1659	17486	0	17486	2831	20317	49.96
12	4834	471	221	5526	1539	4023	0	890	6919	6628	-1670	16936	0	16936	2878	19814	49.98
13	4975	302	157	5434	1595	4013	0	884	6819	6506	-1629	16803	0	16803	2804	19607	49.98
14	4734	304	226	5264	1530	3822	0	756	6826	6667	-1538	16501	0	16501	2729	19230	50.02
15	4667	383	216	5266	1491	3848	0	616	6670	7005	-1578	16648	0	16648	2714	19362	50.00
16	5089	372	226	5687	1456	4139	0	445	6549	6112	-1668	16171	0	16171	2714	18885	49.99
17	5138	372	227	5737	1627	4244	0	211	6522	6311	-1503	16627	0	16627	2636	19263	49.99
18	5188	470	237	5895	1451	4286	0	62	6451	5747	-1341	16100	0	16100	2594	18694	50.02
19	5020	1403	228	6651	1244	4286	0	8	5900	5468	-1046	16611	0	16611	2669	19280	50.00
20	5011	1976	239	7226	1248	4300	0	0	5758	6118	-933	17959	0	17959	2632	20591	50.01
21	4955	1035	229	6219	1203	4240	0	0	5612	5490	-773	16379	0	16379	2475	18854	50.02
22	4987	717	229	5933	1114	4220	0	0	5554	5515	-705	16077	0	16077	2377	18454	50.03
23	4869	491	220	5580	1094	4273	0	0	5395	5274	-746	15475	0	15475	2259	17734	50.04
24	4821	502	230	5553	1054	4296	0	0	4857	4942	-754	15091	0	15091	2202	17293	50.01
MUs	118.45	14.07	5.37	137.89	30.37	99.37	0.00	6.18	147.61	143.89	-25.72	391.98	0.00	391.98	56.76	448.74	49.99

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 17/Sep/2021

Position as on 6.30 Hrs of 18/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	Uran Unit 6	108	14/09/2021	15.02	17/09/2021	12.42	Sparking at exciter.	
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		Continued.	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		Continued.	Oil Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 18/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 2	IntraState	16/09/2021	23.06	17/09/2021	06.48	EO	To Smoothing Reactor Buchholz alarm 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
Kolhapur(M)-Kolhapur(GIS) cktII	InterState	16/09/2021	08.36	17/09/2021	01.08	PO	Line Maintenance work
Parli(MS)-Parli (PG) I	InterState	17/09/2021	10.36	17/09/2021	19.10	PO	For line terminal AMP works at Parli end and 400KV-PARLI-M-PARLI-2 A/R to be keep in non auto mode for safety measures.
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		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	17/09/2021	09.26	17/09/2021	17.37	PO	To attend spring Charging problem of R PH CB mechanism by GE service engineer.
Jaigad-Karad Ckt-II	IntraState	17/09/2021	18.02		Continued.	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.
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		Continued.	HT	Emergency outage on Bus section -1 of Borivali for isolating Aarey Ckt-2.
Nalasopara-Boisar	IntraState	16/09/2021	10.33	17/09/2021	13.58	T	Distance Protection
Jambhul - Anandnagar	IntraState	17/09/2021	09.38	17/09/2021	19.07	PO	Work : Fixing of Additional Jumper cut point To Tension locations.
Vankuswade - Kdph	IntraState	17/09/2021	09.55	17/09/2021	16.45	PO	Replacement of Long Rod Polymer insulator strings near Vankuswade S/s (fault prone area) from Loc No.42 to 48 Vankuswade L I L O portion.
Gadchandur - Virur-I	IntraState	17/09/2021	10.32	17/09/2021	12.30	PO	For Tan Delta Of CT & Megger Of LA.
GIS Bhandup - Borivali	IntraState	17/09/2021	12.10	17/09/2021	18.44	PO	Distance Protection,Z-1 R-PH & Y -PH, 35.75KA, 34.35KA, 0.7KM FROM BORIVALI.
MSETCL Borivli Aarey 2	IntraState	18/09/2021	09.26		Continued.	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-Chalisagaon	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.

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 17/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 18/Sep/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.
220 KV ICT Outages/Trippings							
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 Ict 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.

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