

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Sep/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	114.293	697.458	1) Gujrat	9.715	79.014
2) Hydro	4.768	86.619	2) Madhya Pradesh	11.869	54.375
3) Gas	6.364	38.169	3) Chattisgarh	5.150	29.530
Total MSPGCL	125.425	822.246	4) Maharashtra	158.762	866.461
B) 1) APMIL	42.399	198.183	5) Goa (Amona)	-0.455	-5.866
2) JSWEL	19.448	111.943	Total	185.041	1023.514
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.585	142.185
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	28.990	150.698
5) WPCL	2.666	16.115	c) MSEDCL Bilateral *	43.479	229.909
6) Other IPP	7.656	50.940	Include PX	18.612	84.470
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.585	142.185
C) 1) TPCL Thermal	8.191	56.411	Include PX	19.616	91.559
2) TPCL Hydro	2.482	30.241	Standby	0.000	0.000
3) TPCL Gas	4.405	23.006	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.995	33.578	1) MSEDCL	365.992	2155.796
D) STATE			2) Mumbai Discoms	49.063	293.934
1) Thermal	199.648	1164.628	TOTAL STATE	415.055	2449.730
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	7.250	116.860			
3) Gas (A3+B7+C3)	10.769	61.175			
4) Wind	6.527	46.528			
6) SOLAR	5.820	37.025			
TOTAL STATE	230.014	1426.216			

* 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 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	4730	4703	4861	4718
MSPGCL Hydro	250	136	122	81
MSPGCL Gas	254	253	256	268
MSPGCL Total Generation	5234	5092	5239	5067
Central Sector Receipt	8848	8734	7378	6077
WIND	215	208	520	786
CPP / IPP Thermal	3102	3158	2886	2755
CPP / IPP Gas	0	0	0	0
SOLAR	893	815	3	0
Exchange with Mumbai	-1414	-1420	-1078	-1295
MSEDCL DEMAND MET	16878	16587	14948	13390
Load Shedding	0	0	0	0
MSEDCL DEMAND	16878	16587	14948	13390
TPCL GENERATION	562	574	794	664
AEML GENERATION	189	189	189	189
MUMBAI DEMAND	2165	2183	2061	2148
STATE DEMAND MET	19043	18770	17009	15538
STATE DEMAND	19043	18770	17009	15538
Frequency (Hz)	49.98	50.02	50.02	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 06.03 Hrs	49.85 Hz at 10.31 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 06/Sep/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	11.92	67.25	630	447
Unit 9	11.25	64.57	505	375
Unit 10	9.83	53.20	421	380
Total	32.99	185.02		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	1.09	43.01	360	0
Unit 5	10.27	63.60	500	360
Total	11.36	106.61		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	5.36	24.55	236	194
Total	5.36	24.55		
Chandrapur				
Unit 3	3.88	24.46	171	141
Unit 4	0.00	0.00	0	0
Unit 5	9.20	57.58	410	330
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	10.60	65.23	480	360
Unit 9	10.74	56.20	480	363
Total	34.43	203.47		
Paras				
Unit 3	3.31	24.36	205	70
Unit 4	3.06	19.49	203	55
Total	6.37	43.85		
Khaparkheda				
Unit 1	3.38	16.66	160	120
Unit 2	2.93	18.15	150	0
Unit 3	3.65	21.09	160	140
Unit 4	3.56	20.31	165	130
Unit 5	10.26	57.74	490	360
Total	23.78	133.96		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Uran				
All Units	6.36	38.17	278	253
Total	6.36	38.17		
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)	1.19	7.24	50	47

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.19	7.24		
Koyna				
Stage 1-2	1.84	25.45	225	40
Stage 4	0.71	34.93	228	0
Stage 3	0.70	13.68	92	0
Total	3.25	74.06		
Hydro				
KDPH	0.00	0.50	0	0
VTRNA	0.00	0.25	0	0
TILLARI	0.00	1.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.36	2.33	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.26	1.98	15	0
ELDARY	0.53	2.94	23	22
SMLHY_PTN	0.33	2.79	15	13
GHATGHAR	0.04	0.77	38	0
Total	1.52	12.56		
Wind				
Total	6.53	46.53	0	0
Total	6.53	46.53		
CPP				
APML(Mus)	42.40	198.18	0	0
JSWEL(Mus)	19.45	111.94	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.67	16.12	0	0
Other(Mus)	7.66	50.94	0	0
Total	72.17	377.18		
SOLAR				
Total	5.82	37.02	0	0
Total	5.82	37.02		
Tata				
Trombay 5	8.19	56.41	436	287
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	14.28	117	116
Trombay 7B	1.60	8.72	67	66
Trombay 8	0.00	0.00	0	0
TATA Hydro	2.48	30.24	299	7
Total	15.08	109.66		
AEML				
DTPS U-1&2	5.00	33.58	253	188
Total	5.00	33.58		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	114.29	697.46	MSPGCL Total	125.42	822.25
			MSPGCL Thml+Gas	120.66	735.63	Koyna 1,2 & 4 Total	2.55	60.38
			MSPGCL Hydro	4.77	86.62	State Total	230.01	1426.22

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/Sep/2020

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	4940	276	267	5483	156	3195	0	0	6816	6939	-1242	14531	0	14531	2246	16777	49.98
2	4930	354	277	5561	99	3247	0	0	6872	6911	-1218	14600	0	14600	2084	16684	50.00
3	4845	212	278	5335	49	3236	0	0	6757	6929	-1122	14427	0	14427	1950	16377	50.01
4	4833	180	268	5281	65	3227	0	0	6884	6750	-1019	14304	0	14304	1876	16180	50.01
5	4843	180	277	5300	66	3189	0	0	6916	6757	-950	14362	0	14362	1831	16193	50.00
6	4835	573	268	5676	74	3108	0	0	7248	7740	-941	15657	0	15657	1818	17475	50.02
7	4773	401	278	5452	117	3222	0	36	8469	8251	-913	16165	0	16165	1784	17949	50.04
8	4778	140	278	5196	111	3125	0	262	9364	8758	-1018	16434	0	16434	1787	18221	50.06
9	4715	130	267	5112	221	2887	0	552	8817	8853	-1192	16433	0	16433	1859	18292	50.02
10	4772	140	256	5168	333	2852	0	754	8482	8630	-1299	16438	0	16438	1968	18406	50.01
11	4811	210	253	5274	256	2891	0	851	8691	8662	-1396	16538	0	16538	2096	18634	49.94
12	4730	250	254	5234	215	3102	0	893	9088	8848	-1414	16878	0	16878	2165	19043	49.98
13	4703	136	253	5092	208	3158	0	815	9037	8734	-1420	16587	0	16587	2183	18770	50.02
14	4690	106	263	5059	213	3121	0	558	8765	8739	-1446	16244	0	16244	2154	18398	50.02
15	4753	106	254	5113	241	3092	0	459	8851	8945	-1427	16423	0	16423	2142	18565	50.05
16	4744	294	254	5292	152	3132	0	298	8768	8418	-1317	15975	0	15975	2125	18100	50.05
17	4625	232	255	5112	154	2906	0	232	8676	8483	-1212	15675	0	15675	2046	17721	50.01
18	4682	121	264	5067	172	2861	0	107	8185	7801	-1149	14859	0	14859	2010	16869	49.99
19	4861	122	256	5239	520	2886	0	3	7831	7378	-1078	14948	0	14948	2061	17009	50.02
20	4823	150	276	5249	527	2824	0	0	7479	7120	-1209	14511	0	14511	2190	16701	50.02
21	4679	191	256	5126	632	2755	0	0	6931	6353	-1250	13616	0	13616	2217	15833	50.03
22	4638	106	267	5011	594	2705	0	0	6483	6452	-1207	13555	0	13555	2165	15720	50.02
23	4572	77	277	4926	566	2693	0	0	6232	6513	-1256	13442	0	13442	2158	15600	50.01
24	4718	81	268	5067	786	2755	0	0	6186	6077	-1295	13390	0	13390	2148	15538	50.01
MUs	114.29	4.77	6.36	125.42	6.53	72.17	0.00	5.82	187.83	185.04	-28.99	365.99	0.00	365.99	49.06	415.06	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 06/Sep/2020

Position as on 6.30 Hrs of 07/Sep/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	JSW (J) U4	300	20/08/2020	15.57		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
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	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 6	250	21/03/2020	17.31		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.(Converted zero schedule from 25.03.2020)	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 7	250	12/05/2020	19.34	07/09/2020	02.42	Zero Schedule.	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
IPP	Adani U-5	660	04/06/2020	12.29		Continued.	Zero Schedule.	
AEML	AEML Unit 1	250	27/06/2020	23.55		Continued.	Zero schedule.	
MSPGCL	Chandrapur Unit 7	500	06/08/2020	03.33		Continued.	Sparkling in generator R phase winding.	
CPP	SWPGL U-4	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	
CPP	SWPGL U-3	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 06/Sep/2020

Position as on 6.30 Hrs of 07/Sep/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Ghatghar Unit-1	125	27/08/2020	05.25		Continued.	Runner band Drainage valve Leakage	
MSPGCL	Chandrapur Unit 6	500	27/08/2020	10.55		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 4	210	27/08/2020	18.00	07/09/2020	02.49	Boiler Tube Leakage	
IPP	Adani U-2	660	01/09/2020	19.41		Continued.	Air pre-heater PA Bellow leakage.	
MSPGCL	Bhusawal Unit 4	500	04/09/2020	21.41	06/09/2020	19.39	Boiler validity work	
MSPGCL	Khaparkheda Unit 2	210	06/09/2020	21.57		Continued.	Air Filter Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 07/Sep/2020

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	06/09/2020	06.59	06/09/2020	13.12	PO	String Replacement.
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 Sar'Sarovar I	InterState	06/09/2020	20.08	07/09/2020	06.35	HT	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	07/08/2020	23.23		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	04/09/2020	18.15	07/09/2020	08.20	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	05/09/2020	21.09		Continued.	HT	Over Voltage
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	06/09/2020	17.21		Continued.	T	Distance Protection
Akola II - RPL(Rattanindia) Ckt I	IntraState	06/09/2020	20.57		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	06/09/2020	21.01		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection,Declared Faulty.
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement Of Existing 315 MVA ICT By 3*167 MVA ICT.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
Tillari Amona	InterState	07/09/2020	01.38		Continued.	T	Distance Protection
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Kharghar-Borivali ckt II	IntraState	11/08/2020	08.45		Continued.	T	Cable Faulty
Theur-Phursungi	IntraState	14/08/2020	09.46		Continued.	HT	Outage arrangement HTLS work.
Theur- Magar Patta City	IntraState	14/08/2020	10.27		Continued.	HT	Outage arrangement HTLS work.
Lonikand1 (400 Kv)-Theur I	IntraState	14/08/2020	10.38		Continued.	PO	Replacement of Existing 0.4 DEER Conductor, hardware & Insulator to HTLS Conductor.
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	20/08/2020	13.05		Continued.	PO	Erection of Tower due to Railway crossing
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	20/08/2020	13.06		Continued.	PO	Erection of Tower due to Railway crossing
Sawantwadi-Bidri	IntraState	04/09/2020	09.48	06/09/2020	10.30	T	Distance protection(Bus B operated due to Fault on Talangade-Sawantwadi line)
EKLAHRE (GCR)Nashik-Airoli Knowledge Park	IntraState	06/09/2020	10.56	06/09/2020	21.16	T	Distance Protection
Yeotmal- Pusad	IntraState	06/09/2020	13.15	06/09/2020	19.25	T	Distance Protection
Roma-Bhavegar	IntraState	06/09/2020	13.20	06/09/2020	14.47	T	Distance Protection
Padghe - Kambha	IntraState	06/09/2020	13.21	06/09/2020	15.51	T	Distance Protection
Pargaon(Kathapur)-Lonikand	IntraState	06/09/2020	14.52	06/09/2020	16.14	EO	Tree Cutting.
New Koyana - Niwali	IntraState	06/09/2020	18.52	06/09/2020	21.07	T	Distance Protection
Niwali - Pawas Line	IntraState	06/09/2020	18.53	06/09/2020	20.15	T	Distance Protection
Kharepatan -Pawas Line	IntraState	06/09/2020	18.55	06/09/2020	19.50	T	Distance Protection
220kv Halkarni- Tillary	IntraState	07/09/2020	01.38		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Ict 1 @Yavatmal	IntraState	06/09/2020	13.15	06/09/2020	14.25	T	Without Indication only Annunciation.

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