

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Sep/2020 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	100.743	100.743	1) Gujrat	13.652	13.652
2) Hydro	18.697	18.697	2) Madhya Pradesh	5.174	5.174
3) Gas	6.501	6.501	3) Chattisgarh	4.980	4.980
Total MSPGCL	125.941	125.941	4) Maharashtra	128.406	128.406
B) 1) APMIL	27.348	27.348	5) Goa (Amona)	-1.660	-1.660
2) JSWEL	19.896	19.896	Total	150.552	150.552
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.329	22.329
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.486	21.486
5) WPCL	2.628	2.628	c) MSEDCL Bilateral *	34.388	34.388
6) Other IPP	9.536	9.536	Include PX	6.252	6.252
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.329	22.329
C) 1) TPCL Thermal	9.326	9.326	Include PX	12.071	12.071
2) TPCL Hydro	5.882	5.882	Standby	0.000	0.000
3) TPCL Gas	2.984	2.984	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.604	5.604	1) MSEDCL	336.962	336.962
D) STATE			2) Mumbai Discoms	45.282	45.282
1) Thermal	175.081	175.081	TOTAL STATE	382.244	382.244
(A1+C1+C4+(B1-B6))					
2) Hydro	24.579	24.579			
(A2+C2)					
3) Gas	9.485	9.485			
(A3+B7+C3)					
4) Wind	16.033	16.033			
6) SOLAR	6.514	6.514			
TOTAL STATE	231.692	231.692			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4069	4057	4097	4081
MSPGCL Hydro	1039	1136	1781	143
MSPGCL Gas	265	265	276	279
MSPGCL Total Generation	5373	5458	6154	4503
Central Sector Receipt	7246	6994	5957	4882
WIND	405	468	760	1077
CPP / IPP Thermal	2580	2577	2459	2450
CPP / IPP Gas	0	0	0	0
SOLAR	817	757	0	0
Exchange with Mumbai	-1195	-1157	-774	-868
MSEDCL DEMAND MET	15226	15097	14556	12044
Load Shedding	0	0	0	0
MSEDCL DEMAND	15226	15097	14556	12044
TPCL GENERATION	855	849	1006	450
AEML GENERATION	251	252	252	189
MUMBAI DEMAND	2301	2258	2032	1507
STATE DEMAND MET	17527	17355	16588	13551
STATE DEMAND	17527	17355	16588	13551
Frequency (Hz)	49.95	50.01	49.96	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 06.02 Hrs	49.82 Hz at 16.38 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 01/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	9.80	9.80	483	330
Unit 9	9.42	9.42	470	320
Unit 10	8.58	8.58	400	300
Total	27.80	27.80		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.00	10.00	480	360
Unit 5	9.86	9.86	470	340
Total	19.86	19.86		
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	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	4.07	4.07	180	163
Unit 4	0.00	0.00	0	0
Unit 5	9.47	9.47	415	364
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	10.72	10.72	490	360
Unit 9	0.54	0.54	263	0
Total	24.80	24.80		
Paras				
Unit 3	3.76	3.76	254	100
Unit 4	3.49	3.49	172	123
Total	7.24	7.24		
Khaparkheda				
Unit 1	2.24	2.24	120	65
Unit 2	2.98	2.98	130	115
Unit 3	3.26	3.26	145	120
Unit 4	3.23	3.23	140	128
Unit 5	9.33	9.33	450	315
Total	21.05	21.05		
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	6.50	6.50	280	254
Total	6.50	6.50		
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)	1.25	1.25	54	50

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.25	1.25		
Koyna				
Stage 1-2	5.04	5.04	545	40
Stage 4	8.03	8.03	1000	0
Stage 3	2.54	2.54	244	0
Total	15.62	15.62		
Hydro				
KDPH	0.50	0.50	37	0
VTRNA	0.00	0.00	0	0
TILLARI	0.56	0.56	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.41	0.41	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	0.34	15	14
ELDARY	0.54	0.54	23	22
SMLHY_PTN	0.72	0.72	30	29
GHATGHAR	0.00	0.00	0	0
Total	3.08	3.08		
Wind				
Total	16.03	16.03	0	0
Total	16.03	16.03		
CPP				
APML(Mus)	27.35	27.35	0	0
JSWEL(Mus)	19.90	19.90	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.63	2.63	0	0
Other(Mus)	9.54	9.54	0	0
Total	59.41	59.41		
SOLAR				
Total	6.51	6.51	0	0
Total	6.51	6.51		
Tata				
Trombay 5	9.33	9.33	444	288
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.76	1.76	116	53
Trombay 7B	1.23	1.23	67	43
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.88	5.88	408	36
Total	18.19	18.19		
AEML				
DTPS U-1&2	5.60	5.60	252	189
Total	5.60	5.60		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	100.74	100.74	MSPGCL Total	125.94	125.94
			MSPGCL Thml+Gas	107.24	107.24	Koyna 1,2 & 4 Total	13.08	13.08
			MSPGCL Hydro	18.70	18.70	State Total	231.69	231.69

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	4132	214	279	4625	1057	2522	0	0	5313	5266	-965	12505	0	12505	1676	14181	49.97
2	4099	148	269	4516	1086	2489	0	0	5139	5176	-897	12370	0	12370	1577	13947	50.00
3	4081	143	279	4503	1077	2450	0	0	5093	4882	-868	12044	0	12044	1507	13551	50.02
4	4102	153	268	4523	1017	2366	0	0	5203	5233	-801	12338	0	12338	1464	13802	49.93
5	4242	154	270	4666	921	2431	0	0	5395	5614	-795	12837	0	12837	1457	14294	50.00
6	4485	431	279	5195	790	2567	0	0	5902	5977	-787	13742	0	13742	1511	15253	49.99
7	4545	466	280	5291	644	2633	0	43	6834	6994	-618	14987	0	14987	1556	16543	50.01
8	4560	230	269	5059	471	2665	0	169	7622	7632	-710	15286	0	15286	1676	16962	50.00
9	4429	262	278	4969	507	2644	0	554	7753	7687	-966	15395	0	15395	1862	17257	50.00
10	4378	247	257	4882	537	2648	0	719	7491	7496	-1212	15070	0	15070	2068	17138	50.04
11	4221	576	276	5073	458	2610	0	799	7145	7425	-1212	15153	0	15153	2245	17398	49.98
12	4069	1039	265	5373	405	2580	0	817	7116	7246	-1195	15226	0	15226	2301	17527	49.95
13	4057	1136	265	5458	468	2577	0	757	7085	6994	-1157	15097	0	15097	2258	17355	50.01
14	3973	574	275	4822	458	2556	0	724	7298	7207	-1072	14695	0	14695	2171	16866	50.00
15	3896	844	254	4994	539	2561	0	718	6865	7111	-1037	14886	0	14886	2138	17024	49.99
16	3937	1177	274	5388	584	2575	0	634	6515	6574	-1008	14747	0	14747	2088	16835	49.95
17	4036	1473	255	5764	613	2594	0	387	6242	6159	-907	14610	0	14610	2043	16653	49.95
18	4092	964	276	5332	736	2617	0	165	6729	6227	-859	14218	0	14218	2005	16223	50.04
19	4097	937	257	5291	782	2637	0	28	6216	6081	-794	14025	0	14025	2010	16035	49.99
20	4097	1781	276	6154	760	2459	0	0	5575	5957	-774	14556	0	14556	2032	16588	49.96
21	4103	1831	278	6212	614	2077	0	0	5523	5552	-712	13743	0	13743	1967	15710	49.99
22	4267	1782	267	6316	488	2073	0	0	5375	5376	-698	13555	0	13555	1927	15482	50.00
23	4368	1315	278	5961	475	2042	0	0	5243	5243	-714	13007	0	13007	1904	14911	49.97
24	4477	820	277	5574	546	2035	0	0	5616	5443	-728	12870	0	12870	1839	14709	49.97
MUs	100.74	18.70	6.50	125.94	16.03	59.41	0.00	6.51	150.29	150.55	-21.49	336.96	0.00	336.96	45.28	382.24	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 01/Sep/2020

Position as on 6.30 Hrs of 02/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		Continued.	Zero Schedule.	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Parli Unit 8	250	01/06/2020	13.13	02/09/2020	04.43	Zero schedule By MSEDCL	
IPP	Adani U-1	660	03/06/2020	15.02		Continued.	Converted zero schedule from 03.06.2020	
IPP	Adani U-5	660	04/06/2020	12.29		Continued.	Zero Schedule.	
IPP	Adani U-4	660	12/06/2020	10.30		Continued.	Zero Schedule	
AEML	AEML Unit 1	250	27/06/2020	23.55		Continued.	Zero schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/Sep/2020

Position as on 6.30 Hrs of 02/Sep/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	
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		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 9	500	29/08/2020	15.30	01/09/2020	20.45	Boiler Tube Leakage	
IPP	Adani U-2	660	01/09/2020	19.41		Continued.	Air pre-heater PA Bellow leakage.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 02/Sep/2020

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 Khandwa II	InterState	29/08/2020	19.15		Continued.	T	Due To Fire At 48 Volt DC Charger.
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
Jaigad-Karad Ckt-II	IntraState	13/08/2020	10.59		Continued.	EO	To attend CB problem.(RFC 29-08-2020 At 17.05).
Khadka-Aurangabad (Waluj)	IntraState	25/08/2020	17.28		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	27/08/2020	21.57		Continued.	HT	Over Voltage
Koradi-Khaperkheda I	IntraState	30/08/2020	04.32	01/09/2020	08.13	T	Over Voltage
karad -kolhapur-II	IntraState	30/08/2020	19.50	01/09/2020	09.43	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	31/08/2020	17.26		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	31/08/2020	20.09	01/09/2020	09.44	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	31/08/2020	22.37		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	31/08/2020	22.51		Continued.	HT	Over Voltage
Switching Ckt I 401 CB @ Chandrapur	IntraState	01/09/2020	10.38	01/09/2020	14.49	PO	Confirmation of Healthiness Of R-PH Line CVT.
Koradi-RattanIndia	IntraState	01/09/2020	13.10		Continued.	T	Distance Protection
Padghe - Kalwa- I	IntraState	01/09/2020	19.03		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	01/09/2020	19.45		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	02/09/2020	00.14		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	02/09/2020	00.21		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.
400/11.5 KV 90MVA Station T/F V @ Chandrapur	IntraState	28/08/2020	12.34	01/09/2020	17.28	PO	Routine Maintenance Work at GENCO End.
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	01/09/2020	00.48	01/09/2020	07.00	HT	Over Voltage
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)
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
Ghatghar - Jindal	IntraState	01/09/2020	12.32	01/09/2020	16.46	EO	Attending Hot Spot
Bhugaon- Wardha	IntraState	01/09/2020	12.45	01/09/2020	20.37	T	Distance Protection
Ghatghar - Bapgaon	IntraState	01/09/2020	13.09	01/09/2020	17.06	EO	Attending Hot Spot
Koradi-Ambazari-I	IntraState	01/09/2020	13.10		Continued.	T	Distance Protection

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 01/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 02/Sep/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Topworth - Kharghar	IntraState	01/09/2020	13.40	01/09/2020	15.02	T	Distance Protection
Chikhli-Jalna-II	IntraState	01/09/2020	21.30	01/09/2020	22.11	T	R-PH BUS P.T.Burst of 220KV BUS Section 1.
Chikhli-Jalna-I	IntraState	01/09/2020	21.30	01/09/2020	22.10	T	R-PH BUS P.T.Burst of 220KV BUS Section 1.
Taptitanda- Jalna ckt- I	IntraState	01/09/2020	21.30	01/09/2020	22.29	T	R-PH BUS P.T.Burst of 220KV BUS Section 1.
Taptitanda-Jalna ckt II	IntraState	01/09/2020	21.30	01/09/2020	22.30	T	R-PH BUS P.T.Burst of 220KV BUS Section 1.
220 KV ICT Outages/Trippings							
220/100 kV 200 MVA ICT-II @Kalwa	IntraState	01/09/2020	11.53		Continued.	EO	CTR Panel Checking.
220/132 Kv 200 Mva Emco Ict 2 @Ambazari	IntraState	01/09/2020	14.48	01/09/2020	15.22	PO	Main Tank PRV Details.
220/132 Kv 200mva Vijay Ict 2 @Jalna	IntraState	01/09/2020	21.30	01/09/2020	22.35	T	R-PH BUS P.T.Burst of 220KV BUS Section 1.
220/132 Kv 200mva Alstom Ict 1 @Jalna	IntraState	01/09/2020	21.30	01/09/2020	22.12	T	R-PH BUS P.T.Burst of 220KV BUS Section 1.

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