

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Sep/2020 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.317	3540.437	1) Gujrat	14.280	329.194
2) Hydro	7.996	224.483	2) Madhya Pradesh	5.810	188.682
3) Gas	6.436	154.438	3) Chattisgarh	5.380	142.280
Total MSPGCL	142.749	3919.358	4) Maharashtra	115.599	3681.813
B) 1) APML	54.356	1270.060	5) Goa (Amona)	-1.280	-31.109
2) JSWEL	18.662	512.957	Total	139.789	4310.860
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.553	700.221
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.363	780.376
5) WPCL	2.699	75.173	c) MSEDCL Bilateral *	26.951	846.387
6) Other IPP	8.036	216.748	Include PX	1.464	118.955
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.553	700.221
C) 1) TPCL Thermal	8.330	232.954	Include PX	12.653	479.754
2) TPCL Hydro	4.802	117.024	Standby	0.000	0.000
3) TPCL Gas	4.386	117.518	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.963	195.671	1) MSEDCL	357.316	10040.363
D) STATE			2) Mumbai Discoms	51.844	1443.542
1) Thermal	230.363	6044.000	TOTAL STATE	409.160	11483.905
(A1+C1+C4+(B1-B6))					
2) Hydro	12.798	341.507			
(A2+C2)					
3) Gas	10.822	271.956			
(A3+B7+C3)					
4) Wind	8.732	357.750			
6) SOLAR	6.656	157.833			
TOTAL STATE	269.371	7173.046			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5344	5417	5232	4934
MSPGCL Hydro	242	224	1377	130
MSPGCL Gas	271	258	261	273
MSPGCL Total Generation	5857	5899	6870	5337
Central Sector Receipt	7258	6533	5565	4990
WIND	224	164	569	398
CPP / IPP Thermal	3220	3388	3831	3076
CPP / IPP Gas	0	0	0	0
SOLAR	864	847	0	0
Exchange with Mumbai	-1492	-1480	-829	-896
MSEDCL DEMAND MET	15931	15351	16006	12906
Load Shedding	0	0	0	0
MSEDCL DEMAND	15931	15351	16006	12906
TPCL GENERATION	654	699	1036	489
AEML GENERATION	372	372	500	372
MUMBAI DEMAND	2518	2551	2365	1757
STATE DEMAND MET	18449	17902	18371	14662
STATE DEMAND	18449	17902	18371	14662
Frequency (Hz)	50.01	49.98	50.05	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 17.03 Hrs	49.83 Hz at 11.47 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 29/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	9.36	313.44	440	325
Unit 9	10.74	312.07	482	350
Unit 10	9.52	209.96	420	370
Total	29.62	835.46		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.78	208.71	500	360
Unit 5	7.60	270.85	500	0
Total	17.38	479.56		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	19.70	0	0
Unit 7	0.00	30.40	0	0
Unit 8	0.00	64.10	0	0
Total	0.00	114.20		
Chandrapur				
Unit 3	3.69	110.54	163	147
Unit 4	3.63	82.58	157	143
Unit 5	9.91	270.65	425	365
Unit 6	8.75	130.33	420	320
Unit 7	0.68	1.28	362	0
Unit 8	10.59	292.82	470	360
Unit 9	10.35	287.64	465	380
Total	47.59	1175.85		
Paras				
Unit 3	4.96	126.67	238	175
Unit 4	5.00	121.49	242	106
Total	9.96	248.16		
Khaparkheda				
Unit 1	3.52	96.56	155	130
Unit 2	4.08	96.81	180	160
Unit 3	2.12	102.02	150	0
Unit 4	4.13	110.89	180	160
Unit 5	9.91	280.91	460	365
Total	23.77	687.20		
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	6.44	154.44	284	247
Total	6.44	154.44		
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	35.02	53	50

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.25	35.02		
Koyna				
Stage 1-2	2.52	74.20	340	40
Stage 4	1.21	48.09	532	0
Stage 3	0.84	30.53	160	0
Total	4.56	152.82		
Hydro				
KDPH	0.74	5.73	37	18
VTRNA	0.06	4.54	55	0
TILLARI	0.44	11.54	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	10.02	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.22	3.59	14	0
ELDARY	0.53	15.02	22	21
SMLHY_PTN	0.38	12.46	16	15
GHATGHAR	0.75	8.75	250	0
Total	3.43	71.66		
Wind				
Total	8.73	357.75	0	0
Total	8.73	357.75		
CPP				
APML(Mus)	54.36	1270.06	0	0
JSWEL(Mus)	18.66	512.96	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.70	75.17	0	0
Other(Mus)	8.04	216.75	0	0
Total	83.75	2074.94		
SOLAR				
Total	6.66	157.83	0	0
Total	6.66	157.83		
Tata				
Trombay 5	8.33	232.95	447	304
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	73.93	118	112
Trombay 7B	1.59	43.59	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	4.80	117.02	459	2
Total	17.52	467.50		
AEML				
DTPS U-1&2	9.96	195.67	501	371
Total	9.96	195.67		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.32	3540.44	MSPGCL Total	142.75	3919.36
			MSPGCL Thml+Gas	134.75	3694.88	Koyna 1,2 & 4 Total	3.73	122.29
			MSPGCL Hydro	8.00	224.48	State Total	269.37	7173.05

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/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	5673	179	283	6135	307	3154	0	0	5024	4811	-1093	13314	0	13314	1988	15302	49.96
2	5509	114	273	5896	396	3153	0	0	5061	5084	-981	13548	0	13548	1844	15392	50.00
3	4934	130	273	5337	398	3076	0	0	4965	4990	-896	12906	0	12906	1757	14662	50.00
4	5013	120	274	5407	447	3086	0	0	5122	5002	-834	13108	0	13108	1696	14804	50.02
5	5119	115	283	5517	452	3132	0	0	5187	5165	-807	13459	0	13459	1667	15126	49.99
6	5389	125	264	5778	500	3511	0	0	5357	5591	-794	14586	0	14586	1670	16256	50.00
7	5511	130	284	5925	512	3768	0	28	5845	6346	-631	15948	0	15948	1725	17673	49.99
8	5507	284	263	6054	358	3798	0	215	6253	5993	-723	15695	0	15695	1851	17546	49.97
9	5506	237	283	6026	359	3778	0	501	6379	6363	-920	16107	0	16107	2077	18184	50.00
10	5591	232	260	6083	283	3699	0	782	6494	6407	-1249	16005	0	16005	2292	18297	49.98
11	5344	242	271	5857	224	3220	0	864	7125	7258	-1492	15931	0	15931	2518	18449	50.01
12	5423	278	268	5969	186	3265	0	874	6795	6611	-1423	15482	0	15482	2571	18053	49.93
13	5417	224	258	5899	164	3388	0	847	6847	6533	-1480	15351	0	15351	2551	17902	49.98
14	5432	164	258	5854	209	3307	0	791	6745	6406	-1410	15157	0	15157	2466	17623	50.01
15	5591	184	247	6022	241	3230	0	709	6636	6552	-1407	15347	0	15347	2486	17833	49.96
16	5345	429	257	6031	299	3587	0	592	6293	6105	-1285	15329	0	15329	2489	17818	49.94
17	5265	270	258	5794	332	3743	0	332	6065	6063	-1032	15232	0	15232	2457	17688	50.00
18	5200	620	259	6078	378	3807	0	113	5835	5778	-894	15260	0	15260	2385	17646	50.02
19	5186	1203	280	6669	546	3838	0	8	5645	5467	-833	15695	0	15695	2350	18045	50.00
20	5232	1377	261	6870	569	3831	0	0	5638	5565	-829	16006	0	16006	2365	18371	50.05
21	5424	442	272	6138	492	3871	0	0	5607	5476	-814	15163	0	15163	2247	17410	50.02
22	5405	283	272	5960	410	3646	0	0	5452	5558	-841	14733	0	14733	2163	16896	50.00
23	5185	328	273	5786	347	3504	0	0	5199	5357	-831	14163	0	14163	2131	16294	50.02
24	5116	286	262	5664	323	3361	0	0	5357	5308	-864	13792	0	13792	2098	15890	49.97
MUs	128.32	8.00	6.44	142.75	8.73	83.75	0.00	6.66	140.93	139.79	-24.36	357.32	0.00	357.32	51.84	409.16	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 29/Sep/2020

Position as on 6.30 Hrs of 30/Sep/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	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	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	
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	
IPP	Adani U-2	660	01/09/2020	19.41		Continued.	Air pre-heater PA Bellow leakage.	
IPP	JSW (J) U3	300	09/09/2020	10.56		Continued.	CW Duct leakage	
MSPGCL	Parli Unit 6	250	11/09/2020	23.55		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	14/09/2020	00.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	14/09/2020	20.45		Continued.	Zero Schedule.	
MSPGCL	Koyna STG- IV Unit - 1	250	20/09/2020	12.00	29/09/2020	11.50	CT Maintenance Work.	
MSPGCL	Khaparkheda Unit 3	210	27/09/2020	23.39	29/09/2020	07.35	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 29/Sep/2020

Position as on 6.30 Hrs of 30/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	29/09/2020	01.58		Continued.	Tripped On Generator Protection.	
MSPGCL	Bhusawal Unit 5	500	29/09/2020	15.11	29/09/2020	19.05	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 30/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	23/09/2020	17.54		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	16/09/2020	23.34		Continued.	HT	Over Voltage (Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Padghe - Nagothane - II	IntraState	23/09/2020	12.32	29/09/2020	11.32	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	27/09/2020	18.59		Continued.	T	Distance Protection(Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Khadka-Aurangabad (Waluj)	IntraState	28/09/2020	17.28	29/09/2020	08.53	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	28/09/2020	23.06	29/09/2020	09.04	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	29/09/2020	16.32		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	29/09/2020	20.38		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	29/09/2020	23.44		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	10/09/2020	09.58		Continued.	PO	Replacement of Existing 315 MVA ICT by 3*167 MVA ICT.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	23/09/2020	09.12		Continued.	PO	Augmentation work of 400/220 315MVA ICT-II to 501MVA
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)
PARLY (PG) - OSMANABAD	InterState	29/09/2020	10.23	29/09/2020	23.29	PO	Vibration Damper Fixing
BOISAR BORIVALI	IntraState	24/07/2018	13.18	29/09/2020	16.15	HT	To Control Line Loading(H/T from Boisar end)
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
Uran - Jnpt	IntraState	18/09/2020	13.07		Continued.	PO	Removal of existing E/W and string of OPGW wire
Sawantwadi-Bidri	IntraState	28/09/2020	23.25	29/09/2020	09.35	HT	Over Voltage
Pusad-WardhaPG(Deoli)	IntraState	29/09/2020	08.23	29/09/2020	20.13	PO	Routine Maintenance Work
Wathar - Mudshingi 3 Line	IntraState	29/09/2020	09.45	29/09/2020	18.35	PO	Insulator Replacement Work
Miraj - Mhaishal	IntraState	29/09/2020	09.56	29/09/2020	15.42	PO	Disc Insulator Replacement Work
Nigade- Peth Line	IntraState	29/09/2020	10.05	29/09/2020	14.27	PO	Diagnostic Testing Work
ACCIL - Apta	IntraState	29/09/2020	10.38	29/09/2020	14.08	PO	Replacement of Line Isolator
Nagothane - ACCIL	IntraState	29/09/2020	11.16	29/09/2020	17.22	PO	Replacement of Line Isolator
Satana-Gangapur	IntraState	29/09/2020	11.55	29/09/2020	18.19	PO	Diagnostic Testing Work
220 KV ICT Outages/Trippings							
220/132kv 200mva Vijai Ptr 1 @Lonand	IntraState	29/09/2020	08.25	29/09/2020	19.00	PO	Replacement of HV Y Phase CT and Isolator
220/132kv 100MVA ICT I @Satara Midc	IntraState	29/09/2020	10.11	29/09/2020	13.33	PO	CRM,CB Timing Testing
220/132kv 100MVA ICT II @Satara Midc	IntraState	29/09/2020	14.33	29/09/2020	17.38	PO	CRM,CB Timing Testing

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