

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Sep/2020 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	129.982	1867.553	1) Gujrat	6.006	162.141
2) Hydro	5.524	132.253	2) Madhya Pradesh	5.922	122.361
3) Gas	3.246	92.872	3) Chattisgarh	4.300	69.930
Total MSPGCL	138.752	2092.678	4) Maharashtra	141.296	2105.202
B) 1) APMIL	42.468	560.119	5) Goa (Amona)	-1.079	-2.270
2) JSWEL	18.874	264.675	Total	156.445	2457.364
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.328	398.252
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	29.773	430.054
5) WPCL	2.610	39.094	c) MSEDCL Bilateral *	26.383	475.685
6) Other IPP	7.166	115.129	Include PX	0.415	104.229
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.328	398.252
C) 1) TPCL Thermal	7.828	125.320	Include PX	20.256	285.401
2) TPCL Hydro	4.184	63.794	Standby	0.000	0.000
3) TPCL Gas	3.181	59.350	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.809	75.741	1) MSEDCL	351.978	5338.045
D) STATE			2) Mumbai Discoms	49.775	754.259
1) Thermal	213.737	3047.631	TOTAL STATE	401.753	6092.304
(A1+C1+C4+(B1-B6))					
2) Hydro	9.708	196.047			
(A2+C2)					
3) Gas	6.427	152.222			
(A3+B7+C3)					
4) Wind	11.151	151.338			
6) SOLAR	4.285	87.702			
TOTAL STATE	245.308	3634.940			

* 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 4 Hrs
MSPGCL Thermal	5594	5526	5833	4783
MSPGCL Hydro	245	78	645	132
MSPGCL Gas	150	130	130	130
MSPGCL Total Generation	5989	5734	6608	5045
Central Sector Receipt	7763	7387	6574	5571
WIND	431	352	516	602
CPP / IPP Thermal	3139	2855	3266	2648
CPP / IPP Gas	0	0	0	0
SOLAR	454	538	0	0
Exchange with Mumbai	-1527	-1633	-1002	-1020
MSEDCL DEMAND MET	16249	15233	15962	12846
Load Shedding	0	0	0	0
MSEDCL DEMAND	16249	15233	15962	12846
TPCL GENERATION	534	649	988	412
AEML GENERATION	189	189	251	190
MUMBAI DEMAND	2250	2471	2241	1622
STATE DEMAND MET	18499	17704	18203	14468
STATE DEMAND	18499	17704	18203	14468
Frequency (Hz)	50.03	50.01	50.02	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 13.04 Hrs	49.81 Hz at 21.06 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 15/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	12.30	169.42	584	452
Unit 9	11.81	166.20	530	445
Unit 10	8.92	136.33	400	304
Total	33.04	471.95		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.62	126.82	500	355
Unit 5	9.56	147.68	500	355
Total	19.18	274.50		
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	3.68	58.96	161	148
Unit 4	3.70	31.72	157	150
Unit 5	9.53	141.44	430	363
Unit 6	3.46	3.46	360	0
Unit 7	0.00	0.00	0	0
Unit 8	10.41	155.04	470	360
Unit 9	10.75	148.34	480	360
Total	41.52	538.95		
Paras				
Unit 3	4.63	61.17	260	100
Unit 4	5.13	56.84	237	190
Total	9.76	118.01		
Khaparkheda				
Unit 1	3.66	48.14	160	135
Unit 2	4.12	44.02	185	160
Unit 3	4.05	55.61	185	158
Unit 4	4.13	56.07	180	125
Unit 5	10.52	146.11	480	370
Total	26.48	349.94		
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	3.25	92.87	162	130
Total	3.25	92.87		
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	18.20	50	46

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.19	18.20		
Koyna				
Stage 1-2	2.42	43.56	390	40
Stage 4	0.27	39.95	150	0
Stage 3	0.72	20.16	160	0
Total	3.41	103.68		
Hydro				
KDPH	0.00	0.50	0	0
VTRNA	0.33	0.89	61	0
TILLARI	0.41	3.68	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.31	5.25	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	2.34	0	0
ELDARY	0.54	7.68	23	22
SMLHY_PTN	0.24	5.75	10	9
GHATGHAR	0.29	2.48	125	0
Total	2.12	28.57		
Wind				
Total	11.15	151.34	0	0
Total	11.15	151.34		
CPP				
APML(Mus)	42.47	560.12	0	0
JSWEL(Mus)	18.87	264.68	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.61	39.09	0	0
Other(Mus)	7.17	115.13	0	0
Total	71.12	979.02		
SOLAR				
Total	4.28	87.70	0	0
Total	4.28	87.70		
Tata				
Trombay 5	7.83	125.32	395	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.89	37.12	118	60
Trombay 7B	1.29	22.23	66	47
Trombay 8	0.00	0.00	0	0
TATA Hydro	4.18	63.79	439	3
Total	15.19	248.46		
AEML				
DTPS U-1&2	4.81	75.74	252	188
Total	4.81	75.74		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	129.98	1867.55	MSPGCL Total	138.75	2092.68
			MSPGCL Thml+Gas	133.23	1960.42	Koyna 1,2 & 4 Total	2.69	83.52
			MSPGCL Hydro	5.52	132.25	State Total	245.31	3634.94

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/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	4807	142	146	5095	1028	2515	0	0	5626	5863	-1247	13254	0	13254	1865	15119	49.99
2	4729	282	130	5141	924	2579	0	0	5143	5369	-1162	12851	0	12851	1766	14617	50.00
3	4780	146	130	5056	719	2655	0	0	5486	5573	-1088	12915	0	12915	1691	14606	50.01
4	4783	132	130	5045	602	2648	0	0	5618	5571	-1020	12846	0	12846	1622	14468	50.01
5	4800	143	130	5073	480	2545	0	0	5892	5869	-986	12981	0	12981	1588	14569	49.99
6	5343	232	150	5725	381	2731	0	0	6007	6311	-1007	14141	0	14141	1621	15762	49.98
7	5564	153	130	5847	381	2990	0	7	6569	6572	-928	14869	0	14869	1658	16527	49.99
8	5572	240	130	5942	375	3056	0	112	6948	7038	-1021	15502	0	15502	1777	17279	50.01
9	5598	256	130	5984	418	3074	0	270	7415	7467	-1264	15949	0	15949	2008	17957	50.02
10	5594	245	150	5989	431	3139	0	454	7851	7763	-1527	16249	0	16249	2250	18499	50.03
11	5627	180	130	5937	393	3151	0	546	7849	7633	-1658	16002	0	16002	2428	18430	50.03
12	5637	113	130	5880	393	3135	0	575	7753	7396	-1661	15718	0	15718	2487	18205	50.03
13	5526	78	130	5734	352	2855	0	538	7575	7387	-1633	15233	0	15233	2471	17704	50.01
14	5219	120	130	5469	290	2647	0	581	7662	7558	-1584	14961	0	14961	2399	17360	50.03
15	5325	73	130	5528	309	2764	0	497	7277	7358	-1496	14960	0	14960	2385	17345	50.02
16	5592	83	140	5815	325	2972	0	420	7082	6930	-1493	14969	0	14969	2369	17338	49.99
17	5656	168	130	5954	349	3167	0	206	6768	6760	-1435	15001	0	15001	2317	17318	49.95
18	5836	168	130	6134	390	3247	0	78	6629	6427	-1341	14935	0	14935	2266	17201	49.92
19	5820	876	130	6826	389	3258	0	1	6359	6316	-1154	15636	0	15636	2259	17895	49.97
20	5833	645	130	6608	516	3266	0	0	6456	6574	-1002	15962	0	15962	2241	18203	50.02
21	5811	293	130	6234	475	3270	0	0	5936	5868	-1032	14815	0	14815	2151	16966	49.98
22	5667	497	148	6312	409	3118	0	0	5549	5656	-977	14518	0	14518	2095	16613	49.98
23	5626	162	162	5950	419	3169	0	0	5862	5572	-1036	14074	0	14074	2051	16125	50.00
24	5237	97	140	5474	403	3167	0	0	5694	5614	-1021	13637	0	13637	2010	15647	49.97
MUs	129.98	5.52	3.25	138.75	11.15	71.12	0.00	4.28	157.01	156.44	-29.77	351.98	0.00	351.98	49.78	401.75	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 15/Sep/2020

Position as on 6.30 Hrs of 16/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 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	
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-3	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	
CPP	SWPGL U-4	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	15/09/2020	10.30	Boiler Tube Leakage	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 15/Sep/2020

Position as on 6.30 Hrs of 16/Sep/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Adani U-5	660	12/09/2020	20.54	15/09/2020	19.55	Due HIP Casing Top & Bottom Difference High.	
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	Uran Unit 5	108	15/09/2020	00.09	16/09/2020	00.09	Filter Replacement.	
MSPGCL	Uran Unit 5	108	16/09/2020	06.18		Continued.	Turbine Vibration High.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 16/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 I	InterState	12/09/2020	01.05		Continued.	HT	Over Voltage
Padgha Tarapur I	InterState	15/09/2020	02.56	15/09/2020	08.48	T	Over Voltage
Chandrapur II - Dhariwal -I	InterState	15/09/2020	09.32	15/09/2020	14.53	PO	Tan Delta Measurment of CTs
Dabhol Nagothane II	InterState	15/09/2020	10.35	15/09/2020	15.05	EO	Restrining Of Earthwire At LOC. 319 TO 321.
Dhule- Bableshtar - I	IntraState	11/09/2020	17.43		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	11/09/2020	21.05	15/09/2020	08.10	HT	Over Voltage
Akola II - RPL(Rattaniindia) Ckt I	IntraState	13/09/2020	17.56		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	14/09/2020	18.14	15/09/2020	08.04	HT	Over Voltage
Padghe - Kalwa- I	IntraState	14/09/2020	22.07	15/09/2020	08.02	HT	Over Voltage
Lonikand I - Koyana stage-IV	IntraState	14/09/2020	22.10	15/09/2020	07.53	HT	Over Voltage
Main Bus I @ Alkud	IntraState	15/09/2020	11.08	15/09/2020	13.02	PO	Attending Hot Spot
Deepnagar Waluj 1	IntraState	15/09/2020	11.17	15/09/2020	12.57	EO	Attend Hot Spot On Isolator At Walunj.
Karad-Jaigad - I	IntraState	15/09/2020	18.26		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	15/09/2020	18.27		Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	15/09/2020	19.35		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	15/09/2020	19.55		Continued.	HT	Over Voltage
Lonikand I - Koyana stage-IV	IntraState	16/09/2020	00.10		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 I @Babhleshwar	IntraState	15/09/2020	09.33	15/09/2020	13.01	PO	CT Bushing & Winding Tan Delta Bucchohz Wiring.
400/220 Kv 315 Mva Ict -2 @New Koyana	IntraState	15/09/2020	17.03	15/09/2020	19.21	EO	Hot Spot On R-Phase CT Elamp.
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)
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
Kadegaon-Miraj	IntraState	15/09/2020	08.02	15/09/2020	12.14	PO	For Tree Cutting.
Kandalgaon - Bhira	IntraState	15/09/2020	11.08	15/09/2020	19.39	EO	Y-Phase Wave Trap Hot Spot At Bhira.
Karad - Kadegaon	IntraState	15/09/2020	13.13	15/09/2020	17.21	PO	Tan Delta Measurement,Relay Testing & quarterly Maintenance.
Bombay Dyeing - Sahara	IntraState	15/09/2020	18.34		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 Mva Bhel Ict 1 @Kalwa	IntraState	15/09/2020	08.28	15/09/2020	13.17	EO	Low Gas.

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 15/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 16/Sep/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/33 Kv 50mva Bhel Ptr No 1 @Alephata	IntraState	15/09/2020	10.50	15/09/2020	12.40	PO	Tf- No 1 Aux Side Isolator Alignement Work.
220/132 Kv 100 Mva Ict 1 @South Solapur (Kumbhari)	IntraState	15/09/2020	11.56	15/09/2020	16.30	PO	Outage Is Required For CTR Fire Protection Work.