

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Sep/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.666	2258.996	1) Gujrat	11.130	191.653
2) Hydro	5.112	146.867	2) Madhya Pradesh	4.424	136.872
3) Gas	6.671	109.737	3) Chattisgarh	4.320	81.790
Total MSPGCL	140.449	2515.600	4) Maharashtra	111.359	2470.725
B) 1) APML	47.405	706.911	5) Goa (Amona)	-1.198	-5.310
2) JSWEL	17.242	319.283	Total	130.035	2875.730
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.217	473.747
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	27.083	516.280
5) WPCL	2.432	46.697	c) MSEDCL Bilateral *	24.243	551.066
6) Other IPP	7.079	135.918	Include PX	-0.047	103.933
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.217	473.747
C) 1) TPCL Thermal	7.424	147.652	Include PX	13.218	333.624
2) TPCL Hydro	3.267	74.606	Standby	0.000	0.000
3) TPCL Gas	4.370	72.455	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.118	92.048	1) MSEDCL	334.732	6373.576
D) STATE			2) Mumbai Discoms	49.261	903.040
1) Thermal	217.366	3707.505	TOTAL STATE	383.993	7276.616
(A1+C1+C4+(B1-B6))					
2) Hydro	8.379	221.473			
(A2+C2)					
3) Gas	11.041	182.192			
(A3+B7+C3)					
4) Wind	13.764	190.768			
6) SOLAR	3.409	98.949			
TOTAL STATE	253.959	4400.887			

* 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 3 Hrs
MSPGCL Thermal	5769	5172	5707	5188
MSPGCL Hydro	245	245	713	106
MSPGCL Gas	289	271	269	290
MSPGCL Total Generation	6303	5688	6689	5584
Central Sector Receipt	6675	6513	5176	4232
WIND	381	439	549	654
CPP / IPP Thermal	3176	2940	3587	2895
CPP / IPP Gas	0	0	0	0
SOLAR	273	406	0	0
Exchange with Mumbai	-1464	-1430	-965	-1006
MSEDCL DEMAND MET	15344	14556	15036	12359
Load Shedding	0	0	0	0
MSEDCL DEMAND	15344	14556	15036	12359
TPCL GENERATION	580	631	883	494
AEML GENERATION	239	364	374	193
MUMBAI DEMAND	2283	2425	2222	1693
STATE DEMAND MET	17627	16981	17258	14052
STATE DEMAND	17627	16981	17258	14052
Frequency (Hz)	50.01	50.01	50.00	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 14.01 Hrs	49.79 Hz at 17.43 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 18/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	11.03	203.53	510	400
Unit 9	10.54	199.80	475	363
Unit 10	9.43	165.02	420	360
Total	31.00	568.34		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.64	153.31	360	355
Unit 5	8.64	174.26	360	360
Total	17.28	327.56		
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	3.74	70.24	163	140
Unit 4	3.64	42.74	155	130
Unit 5	9.16	168.93	415	355
Unit 6	9.26	31.09	425	360
Unit 7	0.00	0.00	0	0
Unit 8	9.54	184.12	470	360
Unit 9	9.70	178.23	480	360
Total	45.04	675.35		
Paras				
Unit 3	5.01	76.00	250	187
Unit 4	4.96	71.32	250	190
Total	9.96	147.33		
Khaparkheda				
Unit 1	3.80	59.33	165	140
Unit 2	3.92	55.88	185	160
Unit 3	3.90	67.16	185	158
Unit 4	3.97	68.04	180	160
Unit 5	9.79	175.80	500	360
Total	25.39	426.21		
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	6.67	109.74	290	269
Total	6.67	109.74		
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)	1.22	21.87	52	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.22	21.87		
Koyna				
Stage 1-2	2.14	48.48	320	40
Stage 4	0.28	40.72	170	0
Stage 3	0.71	21.38	80	0
Total	3.12	110.58		
Hydro				
KDPH	0.00	0.50	0	0
VTRNA	0.07	1.93	60	0
TILLARI	0.61	5.32	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	6.24	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	2.64	0	0
ELDARY	0.50	9.22	21	20
SMLHY_PTN	0.34	7.39	15	14
GHATGHAR	0.19	3.04	125	0
Total	1.99	36.29		
Wind				
Total	13.76	190.77	0	0
Total	13.76	190.77		
CPP				
APML(Mus)	47.40	706.91	0	0
JSWEL(Mus)	17.24	319.28	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.43	46.70	0	0
Other(Mus)	7.08	135.92	0	0
Total	74.16	1208.81		
SOLAR				
Total	3.41	98.95	0	0
Total	3.41	98.95		
Tata				
Trombay 5	7.42	147.65	312	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	45.53	117	116
Trombay 7B	1.56	26.93	66	64
Trombay 8	0.00	0.00	0	0
TATA Hydro	3.27	74.61	393	2
Total	15.06	294.71		
AEML				
DTPS U-1&2	7.12	92.05	376	191
Total	7.12	92.05		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.67	2259.00	MSPGCL Total	140.45	2515.60
			MSPGCL Thml+Gas	135.34	2368.73	Koyna 1,2 & 4 Total	2.41	89.20
			MSPGCL Hydro	5.11	146.87	State Total	253.96	4400.89

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/Sep/2020

Annexure-2

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	5145	135	280	5560	733	2916	0	0	4983	4800	-1158	12851	0	12851	1869	14720	50.03
2	5140	217	270	5627	672	2879	0	0	4410	4477	-1078	12577	0	12577	1767	14344	50.03
3	5188	106	290	5584	654	2895	0	0	4611	4232	-1006	12359	0	12359	1693	14052	50.04
4	5184	81	279	5544	628	2887	0	0	4855	4306	-960	12405	0	12405	1649	14054	50.01
5	5231	136	270	5637	646	2905	0	0	4543	4666	-924	12930	0	12930	1613	14543	50.00
6	5584	149	290	6023	666	3154	0	0	4846	4626	-957	13512	0	13512	1645	15157	50.01
7	5629	165	280	6074	660	3189	0	9	5912	5361	-1006	14287	0	14287	1685	15972	50.00
8	5685	179	270	6134	615	3190	0	88	6345	6410	-1099	15338	0	15338	1801	17139	49.99
9	5690	281	280	6251	489	3182	0	190	6545	6613	-1259	15466	0	15466	2022	17488	49.97
10	5769	245	289	6303	381	3176	0	273	6731	6675	-1464	15344	0	15344	2283	17627	50.01
11	5412	245	271	5928	323	3170	0	378	6839	6894	-1561	15132	0	15132	2431	17563	49.99
12	5178	240	280	5698	381	3077	0	464	6919	6539	-1556	14603	0	14603	2454	17057	49.96
13	5172	245	271	5688	439	2940	0	406	6429	6513	-1430	14556	0	14556	2425	16981	50.01
14	5138	227	290	5655	485	2816	0	502	5993	5589	-1348	13699	0	13699	2350	16049	50.05
15	5166	183	270	5619	658	2938	0	423	6066	5782	-1301	14119	0	14119	2321	16440	50.06
16	5125	130	279	5534	759	2964	0	362	6161	5632	-1312	13939	0	13939	2273	16212	49.98
17	5068	120	278	5466	869	2954	0	238	5669	5484	-1246	13765	0	13765	2250	16015	49.99
18	5064	185	269	5518	626	2901	0	75	5916	5772	-1194	13698	0	13698	2206	15904	49.96
19	5557	563	288	6408	663	3170	0	1	5884	5713	-991	14964	0	14964	2218	17182	49.93
20	5707	713	269	6689	549	3587	0	0	5440	5176	-965	15036	0	15036	2222	17258	50.00
21	5677	182	280	6139	469	3551	0	0	5117	4754	-880	14033	0	14033	2136	16169	49.99
22	5739	85	269	6093	526	3483	0	0	4955	4583	-822	13863	0	13863	2072	15935	49.98
23	5250	80	289	5619	434	3119	0	0	4985	4873	-767	13278	0	13278	1948	15226	49.94
24	5168	220	270	5658	439	3115	0	0	4547	4565	-799	12978	0	12978	1929	14907	49.98
MUs	128.67	5.11	6.67	140.45	13.76	74.16	0.00	3.41	134.70	130.04	-27.08	334.73	0.00	334.73	49.26	383.99	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 18/Sep/2020

Position as on 6.30 Hrs of 19/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 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	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	
AEML	AEML Unit 1	250	27/06/2020	23.55	18/09/2020	09.04	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	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 18/Sep/2020

Position as on 6.30 Hrs of 19/Sep/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 8	250	14/09/2020	20.45		Continued.	Zero Schedule.	
MSPGCL	Uran Unit 6	108	19/09/2020	06.02		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 19/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	18/09/2020	02.47	18/09/2020	08.37	T	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	13/09/2020	17.56		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	16/09/2020	20.00	18/09/2020	10.55	HT	Over Voltage
Karad - Jaigad - II	IntraState	16/09/2020	23.34		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	17/09/2020	17.01	18/09/2020	09.43	HT	Over Voltage
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	17/09/2020	21.23	18/09/2020	01.53	T	Distance Protection
Padghe - Kalwa-II	IntraState	17/09/2020	22.39	18/09/2020	06.45	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	17/09/2020	23.15	18/09/2020	09.25	HT	Over Voltage
Padghe - Kalwa- I	IntraState	18/09/2020	01.44	18/09/2020	06.57	T	Over Voltage
Ektuni-Taptitanda II	IntraState	18/09/2020	11.45	18/09/2020	17.45	PO	Quarterly Maintenance Work
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	18/09/2020	14.38	18/09/2020	14.47	T	Tripped at Pune GIS end only
Khadka-Aurangabad (Waluj)	IntraState	18/09/2020	17.57		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	18/09/2020	21.29		Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	18/09/2020	21.47		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	19/09/2020	00.22		Continued.	T	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-II @Aurangabad (Waluj)	IntraState	18/09/2020	11.01	18/09/2020	17.06	PO	Replacement of R Phase HV Bushing
400/132 Kv 200 Mva Ict 2 @Khadka	IntraState	18/09/2020	15.55	18/09/2020	16.14	T	Over Current E/F
400/220KV 315MVA ICT-I@bhusawal(khadka)	IntraState	18/09/2020	15.55	18/09/2020	16.30	T	Over Current E/F
400/132 Kv 200 Mva Ict 1 @Khadka	IntraState	18/09/2020	15.55	18/09/2020	18.13	T	Over Current E/F
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
Lonikand1 (400 Kv)-Theur II	IntraState	17/09/2020	08.43	18/09/2020	00.10	PO	Replacement of Existing 0.4 ACSR Conductor, Hardware & Insulator by HTLS Conductor.
Karad(400kv) -Nigade	IntraState	17/09/2020	09.38		Continued.	PO	Construction work
Sonkhar - Trombay	IntraState	18/09/2020	06.36	18/09/2020	18.29	PO	Pile foundation work by MMRDA
220kv Halkarni- Tillary	IntraState	18/09/2020	09.05	18/09/2020	20.40	PO	Insulator Cleaning work
Khaparkheda-Kanhan	IntraState	18/09/2020	09.25	18/09/2020	12.00	PO	Replacement of Y Phase High Level Tension String

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 18/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 19/Sep/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Bapgaon - Kalwa	IntraState	18/09/2020	09.49	18/09/2020	20.16	PO	Tan Delta Y phase CT Replacement and Testing work
PAL DOMBIVALI - PALAVA	IntraState	18/09/2020	09.50	18/09/2020	19.50	T	Conductor snapped near Palava
satara MIDC- Malharpeth	IntraState	18/09/2020	09.50	18/09/2020	18.20	PO	Replacement of Long Rod polymer Insulator Strings
ANANDNAGAR - PALAVA	IntraState	18/09/2020	09.56	18/09/2020	18.25	T	Distance Protection
Kalwa1- Airoli Knowledge Park	IntraState	18/09/2020	11.38	18/09/2020	14.18	EO	To attend Hot Spot
Uran - Jnpt	IntraState	18/09/2020	13.07		Continued.	PO	Removal of existing E/W and string of OPGW wire
Kanhan-Ultratech	IntraState	18/09/2020	13.56	18/09/2020	16.58	PO	Replacement of R Phase High Level Tension String
Apta - Kalwa1	IntraState	18/09/2020	14.35	18/09/2020	17.26	PO	Replacement of cut point Flashover polymer Insulator
Khadka-Bhadli-1	IntraState	18/09/2020	15.55		Continued.	T	Over Current E/F R Phase
Ghatghar - Jindal	IntraState	18/09/2020	18.06		Continued.	T	Distance Protection

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