

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Mar/2019 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	148.305	3545.203	1) Gujrat	2.203	58.462
2) Hydro	11.877	256.574	2) Madhya Pradesh	19.257	475.078
3) Gas	3.588	181.816	3) Chattisgarh	4.540	145.920
Total MSPGCL	163.770	3983.593	4) Maharashtra	128.567	3091.265
B) 1) APLM	76.542	1908.102	5) Goa (Amona)	-0.660	-10.978
2) JSWEL	24.303	596.372	Total	153.907	3759.747
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.177	551.108
4) RPL(AMT)	5.806	99.603	b) Mumbai Drawl	31.041	584.440
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	22.612	426.227
6) Other IPP	13.587	344.363	Include PX	-0.652	-43.562
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.177	551.108
C) 1) TPCL Thermal	14.544	371.594	Include PX	20.462	277.593
2) TPCL Hydro	6.661	125.586	Standby	0.000	0.000
3) TPCL Gas	3.547	116.063	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.285	265.633	1) MSEDCL	423.522	10634.459
D) STATE			2) Mumbai Discoms	66.078	1463.318
1) Thermal	293.372	7130.870	TOTAL STATE	489.600	12097.777
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	18.538	382.160			
3) Gas (A3+B7+C3)	7.135	297.879			
4) Wind	9.335	334.550			
6) SOLAR	7.313	192.569			
TOTAL STATE	335.693	8338.028			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6293	6321	6395	5786
MSPGCL Hydro	807	818	401	243
MSPGCL Gas	87	118	136	259
MSPGCL Total Generation	7187	7257	6932	6288
Central Sector Receipt	6749	6974	6384	6066
WIND	155	314	412	422
CPP / IPP Thermal	5181	4970	5245	4651
CPP / IPP Gas	0	0	0	0
SOLAR	995	832	0	0
Exchange with Mumbai	-1495	-1654	-1372	-954
MSEDCL DEMAND MET	18772	18693	17601	16473
Load Shedding	0	0	0	0
MSEDCL DEMAND	18772	18693	17601	16473
TPCL GENERATION	1339	1180	1145	702
AEML GENERATION	500	394	477	373
MUMBAI DEMAND	3334	3228	2994	2029
STATE DEMAND MET	22106	21921	20595	18502
STATE DEMAND	22106	21921	20595	18502
Frequency (Hz)	50.03	50.02	49.94	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 06.04 Hrs	49.71 Hz at 22.31 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 27/Mar/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.11	98.91	195	130
Unit 7	0.00	0.00	0	0
Unit 8	8.60	255.34	401	284
Unit 9	9.91	248.04	501	310
Unit 10	9.91	265.16	500	350
Total	32.53	867.45		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.50	225.60	505	355
Unit 5	11.48	271.58	500	360
Total	22.98	497.18		
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	5.48	67.56	250	196
Total	5.48	67.56		
Chandrapur				
Unit 3	4.48	104.82	190	183
Unit 4	4.18	115.12	177	170
Unit 5	10.03	257.41	425	405
Unit 6	0.00	0.00	0	0
Unit 7	10.63	109.88	455	428
Unit 8	11.01	290.38	475	444
Unit 9	10.51	281.93	460	410
Total	50.84	1159.55		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.96	154.60	252	230
Total	5.96	154.60		
Khaparkheda				
Unit 1	3.76	102.78	170	140
Unit 2	3.24	100.62	160	125
Unit 3	4.35	100.92	190	153
Unit 4	4.22	99.74	190	165
Unit 5	10.47	280.85	450	425
Total	26.04	684.91		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.48	113.95	208	155
Unit 5	0.00	0.00	0	0
Total	4.48	113.95		
Uran				
All Units	3.59	181.82	301	0
Total	3.59	181.82		
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)	0.00	2.41	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	2.41		
Koyna				
Stage 1-2	4.26	88.20	490	40
Stage 4	2.12	29.00	500	0
Stage 3	1.32	25.98	160	0
Total	7.70	143.18		
Hydro				
KDPH	0.89	22.51	37	37
VTRNA	0.94	24.56	61	0
TILLARI	0.60	10.90	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	6.84	80	0
RNGR+BHTSA	0.29	7.93	13	12
BHANDARDRA	0.24	10.89	33	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.42	14.18	18	17
GHATGHAR	0.46	15.58	125	0
Total	4.18	113.39		
Wind				
Total	9.34	334.55	0	0
Total	9.34	334.55		
CPP				
APML(Mus)	76.54	1908.10	0	0
JSWEL(Mus)	24.30	596.37	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	5.81	99.60	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	13.59	344.36	0	0
Total	120.24	2948.44		
SOLAR				
Total	7.31	192.57	0	0
Total	7.31	192.57		
Tata				
Trombay 5	9.29	232.70	475	311
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.19	73.70	116	47
Trombay 7B	1.36	42.36	67	39
Trombay 8	5.25	138.90	228	201
TATA Hydro	6.66	125.59	459	0
Total	24.75	613.24		
AEML				
DTPS U-1&2	10.28	265.63	503	372
Total	10.28	265.63		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	148.30	3545.20	MSPGCL Total	163.77	3983.59
			MSPGCL Thml+Gas	151.89	3727.02	Koyna 1,2 & 4 Total	6.37	117.20
			MSPGCL Hydro	11.88	256.57	State Total	335.69	8338.03

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/Mar/2019

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	6072	233	289	6594	442	4970	0	0	6409	6389	-1259	17136	0	17136	2475	19611	50.02
2	5971	198	289	6458	427	4941	0	0	6298	6027	-1194	16659	0	16659	2296	18955	50.00
3	5749	292	301	6342	375	4710	0	0	6199	6230	-1080	16577	0	16577	2152	18729	50.01
4	5788	317	290	6395	403	4680	0	0	6175	6009	-989	16498	0	16498	2062	18560	50.00
5	5786	243	259	6288	422	4651	0	0	6163	6066	-954	16473	0	16473	2029	18502	49.99
6	6107	759	149	7015	372	4972	0	0	6211	6285	-912	17732	0	17732	2097	19829	50.01
7	6206	1001	174	7381	545	5199	0	17	6296	6241	-767	18616	0	18616	2205	20821	50.03
8	6146	971	0	7117	362	5193	0	155	6341	6442	-839	18430	0	18430	2336	20766	50.04
9	6049	469	31	6549	286	5187	0	457	6500	6550	-1025	18004	0	18004	2635	20639	50.04
10	6081	421	49	6551	238	5074	0	708	6645	6793	-1349	18015	0	18015	2977	20992	50.00
11	6242	634	28	6904	208	5083	0	893	6757	6642	-1488	18242	0	18242	3224	21466	50.00
12	6293	807	87	7187	155	5181	0	995	6775	6749	-1495	18772	0	18772	3334	22106	50.03
13	6303	683	115	7101	181	5180	0	1007	6723	6585	-1465	18589	0	18589	3304	21893	50.01
14	6293	274	115	6682	218	5040	0	943	6660	6896	-1493	18286	0	18286	3192	21478	50.00
15	6321	818	118	7257	314	4970	0	832	6679	6974	-1654	18693	0	18693	3228	21921	50.02
16	6433	921	127	7481	329	4991	0	662	6707	6690	-1586	18567	0	18567	3253	21820	50.02
17	6415	686	128	7229	382	4939	0	442	6691	6482	-1489	17985	0	17985	3225	21210	50.01
18	6397	345	135	6877	319	4975	0	188	6564	6369	-1462	17266	0	17266	3123	20389	50.02
19	6369	229	146	6744	386	4979	0	14	6462	6134	-1507	16750	0	16750	3007	19757	49.95
20	6395	401	136	6932	412	5245	0	0	6337	6384	-1372	17601	0	17601	2994	20595	49.94
21	6355	288	148	6791	508	5190	0	0	6100	6143	-1407	17225	0	17225	2861	20086	50.01
22	6359	186	147	6692	653	4975	0	0	6316	6317	-1393	17244	0	17244	2734	19978	49.98
23	6317	211	151	6679	737	4963	0	0	6357	6255	-1433	17201	0	17201	2689	19890	49.87
24	5858	490	176	6524	661	4950	0	0	6373	6255	-1429	16961	0	16961	2646	19607	49.93
MUs	148.31	11.88	3.59	163.77	9.34	120.24	0.00	7.31	154.74	153.91	-31.04	423.52	0.00	423.52	66.08	489.60	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 27/Mar/2019

Position as on 6.30 Hrs of 28/Mar/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 7	250	12/12/2018	00.00		Continued.	Zero Schedule. (From Dt-27/01/2019 Converted Zero sch to AOH) and (from dt-15/02/2019 Converted AOH to Zero sch by MSEDCL)	
MSPGCL	Uran Unit 5	108	27/03/2019	15.43		Continued.	Gas shortage	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit B0	120	08/09/2018	12.19		Continued.	T/F Shifting Work.	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn Due To B0 & U-7	
MSPGCL	Paras Unit 3	250	15/09/2018	00.55		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Zero Schedule.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	RPL(AMT) U-2	270	27/12/2018	19.30		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	28/12/2018	19.30		Continued.	Zero Schedule.	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	09/01/2019	19.30		Continued.	Zero Schedule	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	19/01/2019	18.21		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-1	270	27/01/2019	02.17	28/03/2019	04.58	Withdrawn On RSD.	
MSPGCL	Chandrapur Unit 6	500	20/02/2019	22.07		Continued.	Rotor Earth Fault	
MSPGCL	Nasik Unit 5	210	23/02/2019	17.20	28/03/2019	05.45	Swapping with Unit 4	
MSPGCL	Uran Unit 5	108	27/03/2019	04.47	27/03/2019	06.23	Failure of Electronic Module.	
MSPGCL	Uran Unit 5	108	27/03/2019	07.06	27/03/2019	08.19	Due To Electronic Module Failure.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 27/Mar/2019

Position as on 6.30 Hrs of 28/Mar/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 6	108	27/03/2019	07.06	27/03/2019	10.37	Due To Electronic Module Failure.	
MSPGCL	Uran Unit A0	120	27/03/2019	07.06	27/03/2019	14.09	Due To Electronic Module Failure.	
MSPGCL	Uran Unit 5	108	27/03/2019	09.53	27/03/2019	10.29	Turbine Vibration	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 28/Mar/2019

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 Sar'Sarovar I	InterState	26/03/2019	18.29	27/03/2019	10.28	HT	Over Voltage
Dabhol Newkoyna li	InterState	27/03/2019	09.25	27/03/2019	19.38	PO	LE Scheme For Insulator String Replacement.
Dabhol Nagothane I	InterState	27/03/2019	11.25	27/03/2019	14.56	EO	To attend leakage in Oil Pressure Of TBC CB;Line Was charged Through TBC.
Dhule Sar'Sarovar II	InterState	27/03/2019	18.00		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	26/03/2019	18.25	27/03/2019	09.20	HT	Over Voltage
Karad - Jaigad - II	IntraState	26/03/2019	20.54	27/03/2019	13.06	HT	Due to Sparking At Jsw End R-PH support Insulator.
Chandrapur - Parli	IntraState	27/03/2019	10.20	27/03/2019	17.30	PO	Fixing of Q pin of Earth wire clamp
Lonikand I - Koyna stage-IV	IntraState	27/03/2019	15.12	27/03/2019	17.49	T	RPH E/F, 86KM 3.7KA.
Khadka-Aurangabad (Waluj)	IntraState	27/03/2019	18.11		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	28/03/2019	04.47		Continued.	T	Distance Protection
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.
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	26/03/2019	11.02		Continued.	PO	Overhauling work
400/220/33 Kv 500 MVA ICT-III @Girwali	IntraState	27/03/2019	12.25	28/03/2019	00.55	PO	Implementation of RRS for R phase Unit
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of Conductor Loc No 86 Disconnecting of Jumper At Loc No 86 & 107 And De-energising The Line Bet 86 To 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	For Bunching of Conductor At Loc No.86 Disconnecting of Jumper At Loc No.86 To 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading.
Chikhli-Jalna-I	IntraState	26/03/2019	23.16	27/03/2019	01.00	EO	To Explore And Complete the Work Of Isolation Of Ct Circuit Of 220kv Chikhli-Jalna-CKT I Immediately At Instructed By SE TCC Akola.
Anandnagar - Pal	IntraState	27/03/2019	08.00		Continued.	PO	Stringing Work.
Adlabs - Pedambe	IntraState	27/03/2019	08.40	27/03/2019	17.55	PO	Cleaning of Insulator String
Main Bus-I@Versova	IntraState	27/03/2019	08.51	27/03/2019	16.52	PO	Annual Maintenance Work
Trombay - Kalwa	IntraState	27/03/2019	09.03	27/03/2019	14.13	PO	Routine Maintenance Work & Diagnostic Testing Work.
Parli New Tps - Beed Ckt 2	IntraState	27/03/2019	09.04	27/03/2019	18.16	PO	DiStringing Of Conductor From Loc No 84 To 87 & Stringing On New Tower From Loc 84 To 87For Railway line Crossing
Parli New Tps - Beed Ckt 1	IntraState	27/03/2019	09.05	27/03/2019	18.30	PO	DiStringing Of Conductor From Loc No 84 To 87 & Stringing On New Tower From Loc 84 To 87For Railway line Crossing
Kharepatan -Pawas Line	IntraState	27/03/2019	09.26	27/03/2019	18.01	PO	Cleaning of Insulator String
Paranda-Barshi	IntraState	27/03/2019	10.05	27/03/2019	12.25	PO	Quarterly Maintenance Work
Kharghar-Borivali ckt I	IntraState	27/03/2019	10.54	27/03/2019	18.28	PO	Stringing of OPGW from Loc.NO.

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 27/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 28/Mar/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							14 to Gantry
Pandharpur - Malinagar	IntraState	27/03/2019	11.10	27/03/2019	14.30	PO	Quarterly Maintenance Work
Salsette Borivli 2	IntraState	27/03/2019	12.20	27/03/2019	17.40	EO	Attending A PH Compound Leakage.
Nerul-Trombay	IntraState	27/03/2019	14.23	27/03/2019	18.09	PO	relay testing work.
Nashik-Airoli Knowledge Park	IntraState	27/03/2019	14.33	27/03/2019	15.35	HT	To control O/L of BBLSR-Nasik Line
Karad - Kadegaon	IntraState	27/03/2019	16.06	27/03/2019	16.53	T	Distance Protection. 17.5km,Y Ph Z1 IF 6.5Ka.
Babhaleshwar-Nagar-I	IntraState	27/03/2019	19.05	27/03/2019	19.25	T	B PH E/F,IF 6.778KA 22.3KM
220 KV ICT Outages/Trippings							
220/132 Kv 200 MVA ICT III @Ambazari	IntraState	27/03/2019	10.05	27/03/2019	16.50	PO	CB overhauling work
200/132KV 100MVA ICT-1@Butibori	IntraState	27/03/2019	10.27	27/03/2019	21.30	PO	Attending Oil Leakage
220/132 Kv 100 Mva Ict 1 @Bhokardan	IntraState	27/03/2019	10.40	27/03/2019	15.52	PO	Testing Work
220/132 Kv 100 Mva Ict 2 @Bhokardan	IntraState	27/03/2019	16.15	27/03/2019	18.41	PO	Testing Work
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	07/03/2019	15.40		Continued.	HT	Hand trip Form Pench end for system requirment.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.

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