

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Mar/2018 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.289	3255.465	1) Gujrat	-3.774	-17.007
2) Hydro	10.467	315.022	2) Madhya Pradesh	17.884	452.059
3) Gas	10.038	174.395	3) Chattisgarh	6.880	142.800
Total MSPGCL	164.794	3744.882	4) Maharashtra Net	111.268	2605.893
B) 1) APML	45.114	1021.336	5) Goa (Amona)	-0.616	-15.576
2) JSWEL	18.709	430.635	Total	131.642	3168.169
3) VIPL	11.558	229.224	a) Mumbai Schedule	20.968	502.759
4) RPL(AMT)	17.514	379.445	b) Mumbai Drawl	24.597	553.585
5) WPCL	4.131	92.315	c) MSEDCL Bilateral *	29.502	846.032
6) PGPL	0.000	0.000	Include PX	0.066	187.462
7) Other IPP	14.724	279.508	d) Mumbai Bilateral *	20.968	502.759
C) 1) TPCL Thermal	14.930	356.540	Include PX	3.187	115.269
2) TPCL Hydro	4.831	94.175	Include Standby	0.000	0.000
3) TPCL Gas	4.451	87.189	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.569	252.813	1) MSEDCL	396.556	9030.065
D) STATE			2) Mumbai Discoms	59.378	1344.319
1) Thermal	281.538	6297.281	TOTAL STATE	455.934	10374.384
(A1+C1+C4+(B1-B6))					
2) Hydro	15.298	409.197			
(A2+C2)					
3) Gas	14.489	261.584			
(A3+B6+C3)					
4) Wind	8.804	159.894			
6) SOLAR	4.163	78.242			
TOTAL STATE	324.292	7206.198			

* 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 4 Hrs
MSPGCL Thermal	6118	6101	5961	5689
MSPGCL Hydro	1245	1025	391	158
MSPGCL Gas	405	404	420	435
MSPGCL Total Generation	7768	7530	6772	6282
Central Sector Receipt	6044	6048	5632	5029
WIND	138	310	461	380
CPP / IPP Thermal	5003	4813	4297	4327
CPP / IPP Gas	0	0	0	0
SOLAR	542	540	0	0
Exchange with Mumbai	-1355	-1334	-1262	-679
MSEDCL DEMAND MET	18140	17907	15900	15339
Load Shedding	0	0	0	0
MSEDCL DEMAND	18140	17907	15900	15339
TPCL GENERATION	1167	1152	1151	697
R-INFRA GENERATION	501	497	377	375
MUMBAI DEMAND	3023	2983	2790	1751
STATE DEMAND MET	21163	20890	18690	17090
STATE DEMAND	21163	20890	18690	17090
Frequency (Hz)	49.95	49.99	49.97	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 14.03 Hrs	49.81 Hz at 21.11 Hrs	49.97	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 23/Mar/2018

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	9.63	213.07	418	399
Unit 9	9.68	230.54	421	400
Unit 10	9.62	280.48	405	400
Total	28.92	724.09		
Bhusawal				
Unit 3	4.38	39.19	200	160
Unit 4	10.88	260.16	495	365
Unit 5	10.86	263.40	490	355
Total	26.12	562.74		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	120.18	0	0
Unit 7	4.20	105.74	256	29
Unit 8	5.15	124.44	236	185
Total	9.35	350.36		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.22	246.29	475	460
Unit 6	0.00	0.00	0	0
Unit 7	0.00	50.03	0	0
Unit 8	11.34	197.50	484	439
Unit 9	11.52	258.35	490	470
Total	34.09	752.18		
Paras				
Unit 3	6.05	112.60	255	250
Unit 4	6.03	134.16	255	250
Total	12.08	246.76		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.58	40.64	200	180
Unit 3	4.71	67.71	205	180
Unit 4	4.84	93.14	211	184
Unit 5	11.37	235.74	490	450
Total	25.49	437.23		
Nasik				
Unit 3	0.00	3.83	0	0
Unit 4	4.04	94.39	175	160
Unit 5	4.20	83.88	193	131
Total	8.24	182.10		
Uran				
All Units	10.04	174.40	438	360
Total	10.04	174.40		
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	0.82	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.82		
Koyna				
Stage 1-2	2.19	79.34	315	40
Stage 4	3.09	108.84	641	0
Stage 3	1.14	40.12	160	0
Total	6.42	228.30		
Hydro				
KDPH	0.00	11.22	0	0
VTRNA	1.34	26.99	61	8
TILLARI	0.42	5.03	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.17	4.54	80	0
RNGR+BHTSA	0.30	7.00	13	12
BHANDARDRA	0.47	8.72	31	13
ELDARY	0.21	1.04	9	8
SMLHY_PTN	0.58	15.98	25	24
GHATGHAR	0.57	6.20	125	0
Total	4.04	86.73		
Wind				
Total	8.80	159.89	0	0
Total	8.80	159.89		
CPP				
APML(Mus)	45.11	1021.34	0	0
JSWEL(Mus)	18.71	430.64	0	0
VIPL(Mus)	11.56	229.22	0	0
RPLAMT(Mus)	17.51	379.44	0	0
WPCL(Mus)	4.13	92.32	0	0
Other(Mus)	14.72	279.51	0	0
Total	111.75	2432.46		
SOLAR				
Total	4.16	78.24	0	0
Total	4.16	78.24		
Tata				
Trombay 5	9.60	231.00	490	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.83	53.77	119	111
Trombay 7B	1.62	33.42	69	66
Trombay 8	5.33	125.54	244	201
TATA Hydro	4.83	94.18	458	2
Total	24.21	537.90		
R-INFRA				
DTPS U-1&2	10.57	252.81	504	374
Total	10.57	252.81		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.29	3255.46	MSPGCL Total	164.79	3744.88
			MSPGCL Thml+Gas	154.33	3429.86	Koyna 1,2 & 4 Total	5.28	188.18
			MSPGCL Hydro	10.47	315.02	State Total	324.29	7206.20

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/Mar/2018

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	5918	178	360	6456	460	4551	0	0	5296	5242	-966	15743	0	15743	2114	17857	49.99
2	5740	173	435	6348	335	4387	0	0	5324	5291	-795	15566	0	15566	1945	17511	50.01
3	5696	158	435	6289	346	4339	0	0	5176	5220	-705	15489	0	15489	1831	17320	49.96
4	5689	158	435	6282	380	4327	0	0	5174	5029	-679	15339	0	15339	1751	17090	49.96
5	5758	163	435	6356	329	4356	0	0	5291	5312	-671	15682	0	15682	1738	17420	49.93
6	6110	248	435	6793	310	4647	0	0	5526	5415	-591	16574	0	16574	1846	18420	49.94
7	6131	966	426	7523	308	4996	0	4	5454	5464	-528	17767	0	17767	1997	19764	50.00
8	6148	1087	438	7673	213	4979	0	94	5130	5234	-583	17610	0	17610	2166	19776	50.01
9	6114	432	434	6980	176	5008	0	274	5311	5338	-780	16996	0	16996	2457	19453	49.99
10	6107	384	428	6919	118	5029	0	392	5552	5694	-1047	17105	0	17105	2769	19874	49.98
11	6065	543	419	7027	121	4972	0	508	5847	5873	-1320	17181	0	17181	2968	20149	49.98
12	6118	1245	405	7768	138	5003	0	542	6129	6044	-1355	18140	0	18140	3023	21163	49.95
13	6101	1025	404	7530	310	4813	0	540	6215	6048	-1334	17907	0	17907	2983	20890	49.99
14	6077	776	415	7268	492	4762	0	571	5913	5727	-1211	17609	0	17609	2832	20441	50.00
15	6067	708	403	7178	621	4735	0	493	5988	5853	-1237	17643	0	17643	2878	20521	49.99
16	6064	342	404	6810	632	4692	0	376	6330	6161	-1256	17415	0	17415	2904	20319	49.97
17	6118	254	414	6786	652	4799	0	258	5987	5894	-1255	17134	0	17134	2897	20031	50.00
18	6064	226	406	6696	581	4538	0	103	5754	5384	-1328	15974	0	15974	2827	18801	49.99
19	5970	240	409	6619	391	4321	0	8	5397	5140	-1369	15110	0	15110	2747	17857	49.98
20	5961	391	420	6772	461	4297	0	0	5411	5632	-1262	15900	0	15900	2790	18690	49.97
21	5983	205	422	6610	373	4382	0	0	5272	4990	-1139	15216	0	15216	2674	17890	49.94
22	6058	235	414	6707	357	4432	0	0	5141	5084	-1014	15566	0	15566	2510	18076	49.92
23	6111	170	425	6706	355	4705	0	0	5285	5239	-1101	15904	0	15904	2439	18343	49.92
24	6121	160	417	6698	345	4680	0	0	5397	5334	-1071	15986	0	15986	2292	18278	49.97
MUs	144.29	10.47	10.04	164.79	8.80	111.75	0.00	4.16	133.30	131.64	-24.60	396.56	0.00	396.56	59.38	455.93	49.97

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 23/Mar/2018

Position as on 6.30 Hrs of 24/Mar/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	AOH	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
MSPGCL	Uran Unit 6	108	11/02/2018	23.43		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		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	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	De-commissioned on dt. 01.04.2017	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	De-commissioned on dt.02.03.2017	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
IPP	RPL(AMT) U-4	270	10/02/2018	16.36		Continued.	Generator Exciter Bearing oil Leakage (Out due to coal shortage w.e.f 15.02.2018)	
IPP	Adani U-4	660	12/02/2018	07.24		Continued.	Governing valve abnormal sound(Out due to coal shortage w.e.f 20.02.2018, 18:00hrs)	
IPP	JSW (J) U1	300	20/02/2018	12.06		Continued.	Turbine Vibration high.	
IPP	RPL(AMT) U-3	270	27/02/2018	00.01		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 1	210	27/02/2018	18.00		Continued.	Poor Coal Receipt	
MSPGCL	Nasik Unit 3	210	01/03/2018	20.40		Continued.	Poor coal Receipt From 06.03.2018	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 23/Mar/2018

Position as on 6.30 Hrs of 24/Mar/2018

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	10/03/2018	23.06		Continued.	Water Shortage From 12/03/2018	
MSPGCL	Parli Unit 6	250	22/03/2018	18.15		Continued.	Air heater problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 24/Mar/2018

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	22/03/2018	18.12	23/03/2018	09.58	HT	Over Voltage
Wardha (PG)-Warora II	InterState	23/03/2018	08.40		Continued.	PO	765 power line crossing work.
Kudus-Padgha(PG) Ckt I	InterState	23/03/2018	09.37	23/03/2018	20.01	PO	Routine Maintenance Work
Dabhol Newkoyna li	InterState	23/03/2018	09.44	23/03/2018	16.09	PO	Insulator washing.
Dhule Sar'Sarovar II	InterState	23/03/2018	20.59		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	22/03/2018	20.46	23/03/2018	09.36	HT	Over Voltage
Warora -IEPL	IntraState	23/03/2018	09.18		Continued.	PO	765 power line crossing work.
Koradi-India Bulls	IntraState	23/03/2018	11.29	23/03/2018	20.16	PO	Testing Work
Khadka-Aurangabad (Waluj)	IntraState	23/03/2018	18.25		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	23/03/2018	20.23		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	23/03/2018	09.00	23/03/2018	20.51	PO	Testing Work
400/220 KV 315MVA ICT II @ Parli	IntraState	23/03/2018	09.40	23/03/2018	20.25	PO	painting work.
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	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12:23		Continued.	T	Distance Protection
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	'B'Phase CT Burst
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Kharghar-Borivali ckt I	IntraState	12/03/2018	10.00		Continued.	PO	Cable Termination work & Line Diverted To Siemenc.
Waluj- Padegaon li	IntraState	22/03/2018	22.44	23/03/2018	01.14	HT	Hot spot on bus Isolator and sparking on aux isolator.
Salsette Borivli 1	IntraState	23/03/2018	09.52		Continued.	PO	protection panel replacement.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	23/03/2018	10.07	23/03/2018	17.07	PO	insulator washing.
Malegaon-Satana	IntraState	23/03/2018	10.20	23/03/2018	12.32	EO	Attending Hot Spot
Uran - Jnpt	IntraState	23/03/2018	10.32	23/03/2018	15.51	PO	replacement of damage jumper.
Apta - Taloja	IntraState	23/03/2018	10.46	23/03/2018	13.49	PO	Tan Delta.
Mulund - GIS Bhandup	IntraState	23/03/2018	14.44	23/03/2018	17.39	PO	Testing Work
Uran - Ongc Uran	IntraState	23/03/2018	15.51	23/03/2018	18.09	PO	Routine Maintenance Work
Kalmeshwar-Kalmeshwar Rly Tss 2	IntraState	23/03/2018	17.39	23/03/2018	18.03	T	Tripped at Kalmeshwar end only
Butibori-Butibori Rly Tss	IntraState	23/03/2018	18.14	23/03/2018	18.41	HT	Sparking on Y-PH at TSS end.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(repaired and ready for commissioning)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/66 Kv 150 Mva Ngef Ict 1 @Gadchandur	IntraState	04/03/2018	02.55		Continued.	T	Differential 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 23/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 24/Mar/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/33kV 100 MVA Transformer 2 @Ghodbunder R/S	IntraState	23/03/2018	08.56	23/03/2018	19.58	PO	Routine Maintenance Work
220/33kV 100 MVA Transformer 4 @Versova R/S	IntraState	23/03/2018	09.06		Continued.	PO	replacement of radiators.
220/100 Kv 100 Mva Cgl lct 2 @Tambati	IntraState	23/03/2018	10.30	23/03/2018	18.45	PO	overhauling work.
132 KV LINE Outages/Trippings							
Himayatnagar - Tamsa	IntraState	23/03/2018	00.56	23/03/2018	01.25	T	Distance Protection