

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Aug/2018 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	112.846	306.278	1) Gujrat	-0.503	0.419
2) Hydro	6.323	20.310	2) Madhya Pradesh	10.525	32.968
3) Gas	5.802	17.354	3) Chattisgarh	4.680	14.640
Total MSPGCL	124.971	343.942	4) Maharashtra Net	102.251	319.112
B) 1) APML	57.714	174.484	5) Goa (Amona)	-0.990	-2.706
2) JSWEL	19.337	57.644	Total	115.963	364.433
3) VIPL	5.049	15.162	a) Mumbai Schedule	25.299	78.238
4) RPL(AMT)	26.207	78.782	b) Mumbai Drawl	29.817	91.284
5) WPCL	4.517	14.504	c) MSEDCL Bilateral *	16.365	65.945
6) PGPL	0.000	0.000	Include PX	-0.823	3.282
7) Other IPP	3.261	10.987	d) Mumbai Bilateral *	25.299	78.238
C) 1) TPCL Thermal	13.479	42.534	Include PX	10.052	32.070
2) TPCL Hydro	4.861	15.509	Include Standby	0.000	0.000
3) TPCL Gas	4.095	7.076	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.572	29.820	1) MSEDCL	380.805	1132.740
D) STATE			2) Mumbai Discoms	61.824	186.223
1) Thermal	251.982	730.195	TOTAL STATE	442.629	1318.963
(A1+C1+C4+(B1-B6))					
2) Hydro	11.184	35.819			
(A2+C2)					
3) Gas	9.897	24.430			
(A3+B6+C3)					
4) Wind	49.256	150.833			
6) SOLAR	4.347	13.253			
TOTAL STATE	326.666	954.530			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4756	4768	4968	4294
MSPGCL Hydro	399	221	250	68
MSPGCL Gas	240	239	248	239
MSPGCL Total Generation	5395	5228	5466	4601
Central Sector Receipt	5477	5438	4788	4160
WIND	2287	2238	1944	1865
CPP / IPP Thermal	5021	4997	5016	4688
CPP / IPP Gas	0	0	0	0
SOLAR	273	571	0	0
Exchange with Mumbai	-1069	-1737	-1314	-878
MSEDCL DEMAND MET	17384	16735	15900	14436
Load Shedding	0	0	0	0
MSEDCL DEMAND	17384	16735	15900	14436
TPCL GENERATION	1063	1029	1152	659
R-INFRA GENERATION	502	377	375	376
MUMBAI DEMAND	2634	3143	2841	1913
STATE DEMAND MET	20018	19878	18741	16349
STATE DEMAND	20018	19878	18741	16349
Frequency (Hz)	50.01	50.04	49.95	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 13.00 Hrs	49.81 Hz at 19.30 Hrs	49.98	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 03/Aug/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	1.61	3.92	145	0
Unit 8	9.29	25.88	461	326
Unit 9	8.96	26.60	447	325
Unit 10	0.00	0.00	0	0
Total	19.87	56.40		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.39	29.19	485	350
Unit 5	10.44	29.20	490	350
Total	20.82	58.38		
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	5.10	15.44	248	173
Unit 8	5.34	15.77	234	210
Total	10.44	31.21		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.64	29.10	420	383
Unit 6	9.88	11.62	445	375
Unit 7	10.01	30.65	438	395
Unit 8	3.50	3.50	448	0
Unit 9	0.00	0.00	0	0
Total	33.04	74.87		
Paras				
Unit 3	5.45	15.80	240	206
Unit 4	4.56	14.88	240	0
Total	10.01	30.68		
Khaparkheda				
Unit 1	3.40	9.30	150	135
Unit 2	3.58	10.20	170	130
Unit 3	3.73	11.40	177	2
Unit 4	3.88	11.56	181	145
Unit 5	0.00	0.00	0	0
Total	14.59	42.45		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.07	12.27	190	158
Unit 5	0.00	0.00	0	0
Total	4.07	12.27		
Uran				
All Units	5.80	17.35	251	236
Total	5.80	17.35		
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)	0.13	0.35	35	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.13	0.35		
Koyna				
Stage 1-2	1.73	6.14	220	40
Stage 4	1.59	3.71	609	0
Stage 3	0.99	3.33	154	0
Total	4.31	13.18		
Hydro				
KDPH	0.00	0.32	0	0
VTRNA	0.00	0.23	0	0
TILLARI	0.75	1.82	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.42	1.29	80	0
RNGR+BHTSA	0.14	0.32	13	0
BHANDARDRA	0.33	1.00	14	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.37	2.14	24	13
GHATGHAR	0.00	0.00	0	0
Total	2.01	7.13		
Wind				
Total	49.26	150.83	0	0
Total	49.26	150.83		
CPP				
APML(Mus)	57.71	174.48	0	0
JSWEL(Mus)	19.34	57.64	0	0
VIPL(Mus)	5.05	15.16	0	0
RPLAMT(Mus)	26.21	78.78	0	0
WPCL(Mus)	4.52	14.50	0	0
Other(Mus)	3.26	10.99	0	0
Total	116.08	351.56		
SOLAR				
Total	4.35	13.25	0	0
Total	4.35	13.25		
Tata				
Trombay 5	8.23	26.58	481	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.55	4.64	128	60
Trombay 7B	1.54	2.43	71	49
Trombay 8	5.25	15.95	232	212
TATA Hydro	4.86	15.51	435	0
Total	22.44	65.12		
R-INFRA				
DTPS U-1&2	9.57	29.82	502	375
Total	9.57	29.82		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	112.85	306.28	MSPGCL Total	124.97	343.94
			MSPGCL Thml+Gas	118.65	323.63	Koyna 1,2 & 4 Total	3.32	9.85
			MSPGCL Hydro	6.32	20.31	State Total	326.67	954.53

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/Aug/2018

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	4513	78	241	4832	1669	5037	0	0	4487	4198	-1101	14635	0	14635	2207	16842	49.98
2	4509	73	251	4833	1826	4921	0	0	4422	4241	-952	14869	0	14869	2026	16895	50.00
3	4294	68	239	4601	1865	4688	0	0	4362	4160	-878	14436	0	14436	1913	16349	49.99
4	4263	73	250	4586	1854	4687	0	0	4186	4306	-831	14602	0	14602	1839	16441	49.91
5	4364	223	240	4827	1886	4736	0	0	4135	4335	-803	14981	0	14981	1842	16823	49.96
6	4529	443	239	5211	1898	5015	0	0	4339	4568	-687	16005	0	16005	1960	17965	49.95
7	4677	898	249	5824	1817	5043	0	18	5192	5215	-751	17166	0	17166	2123	19289	49.92
8	4764	761	239	5764	1888	5029	0	108	5393	5502	-870	17421	0	17421	2303	19724	49.94
9	4756	399	240	5395	2287	5021	0	273	5265	5477	-1069	17384	0	17384	2634	20018	50.01
10	4798	239	239	5276	2360	4853	0	390	5105	5477	-1400	16956	0	16956	2918	19874	50.00
11	4632	432	239	5303	2310	4655	0	447	5096	5261	-1737	16239	0	16239	3129	19368	49.99
12	4693	452	237	5382	2303	4795	0	524	5171	5555	-1798	16761	0	16761	3200	19961	50.02
13	4768	221	239	5228	2238	4997	0	571	5370	5438	-1737	16735	0	16735	3143	19878	50.04
14	4863	165	248	5276	2200	4867	0	639	5222	5458	-1581	16859	0	16859	2973	19832	50.05
15	5006	145	236	5387	2314	4688	0	529	5189	5258	-1625	16551	0	16551	2987	19538	50.02
16	5008	140	239	5387	2352	4681	0	407	5175	5267	-1609	16485	0	16485	3002	19487	49.98
17	4912	140	247	5299	2214	4681	0	286	5150	5262	-1610	16132	0	16132	2998	19130	49.99
18	4722	145	238	5105	2210	4673	0	133	5014	5044	-1561	15604	0	15604	2950	18554	49.99
19	4593	186	239	5018	2144	4728	0	22	4604	4588	-1453	15047	0	15047	2879	17926	49.98
20	4968	250	248	5466	1944	5016	0	0	4532	4788	-1314	15900	0	15900	2841	18741	49.95
21	4875	288	239	5402	2022	4983	0	0	4339	4230	-1159	15478	0	15478	2687	18165	49.95
22	4736	201	248	5185	1902	4879	0	0	4001	4020	-1039	14947	0	14947	2536	17483	49.93
23	4847	213	240	5300	1890	4733	0	0	4081	4236	-1072	15087	0	15087	2414	17501	49.95
24	4756	90	238	5084	1863	4675	0	0	4266	4079	-1180	14521	0	14521	2320	16841	49.94
MUs	112.85	6.32	5.80	124.97	49.26	116.09	0.00	4.35	114.10	115.96	-29.82	380.81	0.00	380.81	61.82	442.63	49.98

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 03/Aug/2018

Position as on 6.30 Hrs of 04/Aug/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Khaparkhedha Unit 5	500	20/06/2018	05.14		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 6	250	24/06/2018	18.02		Continued.	Zero Schedule(Converted for Capital overhaul from 18.00Hrs Dt. 24/07/2018)	
MSPGCL	Chandrapur Unit 9	500	01/07/2018	11.35		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 10	660	28/07/2018	01.09		Continued.	Annual Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown. (NO PPA FROM 01.04.2018)	
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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17	04/08/2018	01.28	Water Shortage	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
MSPGCL	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	IEPL Inter change	
MSPGCL	Uran Unit 6	108	09/06/2018	11.50		Continued.	Bucchholz relay operated.	
MSPGCL	Ghatghar Unit-2	125	29/06/2018	01.12		Continued.	Stator Earth Fault	
IPP	IEPL Unit 1	270	11/07/2018	13.00		Continued.	poor coal receipt.	
MSPGCL	Nasik Unit 5	210	12/07/2018	00.00		Continued.	ZERO SCHEDULE.	
IPP	Dhariwal	300	13/07/2018	23.59		Continued.	Critical coal stock	
MSPGCL	Koradi Unit 6	210	16/07/2018	09.18		Continued.	due to low pressure.	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	compressor search protection	
IPP	VIPL U-2	300	27/07/2018	00.48		Continued.	Boiler Validity Extention	
MSPGCL	Nasik Unit 3	210	27/07/2018	09.06		Continued.	Boiler Tube Leakage	
IPP	Adani U-1	660	29/07/2018	00.47		Continued.	Due To APH-A Hot PA Expansion Bellow Leakage.	
MSPGCL	Chandrapur Unit-8	500	31/07/2018	02.01	03/08/2018	12.41	Boiler Tube Leakage	
MSPGCL	Paras Unit 4	250	03/08/2018	09.58	03/08/2018	12.21	LOSS OF FLAME.	
MSPGCL	Khaparkhedha Unit 3	210	04/08/2018	23.03		Continued.	Chemical parameter abnormal.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 04/Aug/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 II	InterState	07/07/2018	17.14	03/08/2018	06.31	HT	Over Voltage
Dhule(MS)- Dhule(BDTCL) -II	InterState	03/08/2018	13.01	03/08/2018	17.40	PO	TESTING OF DT TRAILS.
Dhule Sar'Sarovar I	InterState	03/08/2018	17.33		Continued.	HT	Over Voltage
Dhule - Bableshwar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule- Bableshwar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Karad - Jaigad - II	IntraState	01/08/2018	17.56		Continued.	HT	Over Voltage
Padghe - Kalwa-II	IntraState	02/08/2018	19.18	03/08/2018	06.27	T	to insulator string decapped at loc no.1129.
Deepnagar Taptitanda	IntraState	03/08/2018	14.18	03/08/2018	18.39	PO	REPLACEMENT OF B PHASE DTN STRING AT LOC 283.
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT-I @Waluj	IntraState	03/08/2018	12.28	03/08/2018	16.58	PO	Annual Maintenance 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.
Kalwa 52B Interconnector CB	IntraState	01/06/2018	01.35		Continued.	HT	To control load on ICT.
Vita - Miraj	IntraState	16/06/2018	14.15		Continued.	PO	Construction Work.
Vita - Mhaishal	IntraState	16/06/2018	15.10		Continued.	PO	Construction Work.
Akola-Paras Ckt No-li	IntraState	05/07/2018	09.56		Continued.	PO	FOR REMOVING OF JUMPER AT LOC 314 FOR BUNCHING OF CONDUCTOR AT LOC 86.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	T	To control line loading for availing outage on PG ckt 3.
Dahanu Versova	IntraState	03/08/2018	05.01	03/08/2018	17.23	T	Distance Protection
Kalwa - Mulund 2	IntraState	03/08/2018	09.50	03/08/2018	14.35	PO	REPLACEMENT OF LA R&B PHASE DUE HIGH LCM.
Uran - Ongc Uran	IntraState	03/08/2018	10.08	03/08/2018	14.09	PO	CT MK BOX REPLACEMENT AT URAN END.
Adlabs - Pedambe	IntraState	03/08/2018	11.20	03/08/2018	18.00	PO	JUMPER NUT-BOLT TIGHTTING. TREE CUTTING.
Roma-Bhavegar	IntraState	03/08/2018	12.36	03/08/2018	15.58	PO	Testing Work
Kathapur-Ranjangaon	IntraState	03/08/2018	14.05	03/08/2018	18.05	PO	REPLACEMENT OF FLASHOVERED STRING.
Nanded-Parbhani	IntraState	03/08/2018	15.26	03/08/2018	17.42	T	LBB OPERATED DUE TO 220KV NANNED CKT. NO LOAD AFFECTED.
Belewadi-Nagar Ckt I	IntraState	03/08/2018	15.34	03/08/2018	17.32	PO	REPLACEMENT OF Y PHASE FLASH OVER PILOT STRING.
Ranjangaon-Fiat 1	IntraState	03/08/2018	16.30	03/08/2018	18.26	PO	REPLACEMENT OF BROKEN PILOT INSULATOR STRING.
Dahanu Versova	IntraState	03/08/2018	21.43		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Bhel Ict 1 @Padegaon	IntraState	30/06/2018	15:03		Continued.	T	Buchholz.
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	03/08/2018	09.50	03/08/2018	17.23	PO	CTR WORK.

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 03/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 04/Aug/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 200 Mva Aval Ict 2 @Taloja	IntraState	03/08/2018	11.30	03/08/2018	21.00	PO	LA REPLACEMENT WORK.
220/22 Kv 50 Mva Bb Ptr 2 @Kalwa	IntraState	03/08/2018	11.43	03/08/2018	17.10	PO	220KV MAINTENANCE WORK.
132 KV LINE Outages/Trippings							
Kanhan-Bhandara	IntraState	02/08/2018	21.02	03/08/2018	12.18	T	Distance Protection