

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Nov/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.093	373.585	1) Gujrat	0.141	2.653
2) Hydro	3.078	10.237	2) Madhya Pradesh	7.982	25.841
3) Gas	10.110	29.443	3) Chattisgarh	6.550	20.190
Total MSPGCL	134.281	413.265	4) Maharashtra Net	109.347	358.805
B) 1) APML	50.927	143.515	5) Goa (Amona)	-0.858	-2.376
2) JSWEL	20.966	62.550	Total	123.162	405.113
3) VIPL	11.267	35.148	a) Mumbai Schedule	20.628	64.378
4) RPL(AMT)	14.200	45.028	b) Mumbai Drawl	29.605	88.855
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	28.257	103.785
6) PGPL	0.000	0.000	Include PX	-1.455	-1.455
7) Other IPP	5.265	13.812	d) Mumbai Bilateral *	20.628	64.378
C) 1) TPCL Thermal	12.325	38.032	Include PX	3.576	11.421
2) TPCL Hydro	3.664	12.540	Include Standby	0.000	0.000
3) TPCL Gas	4.106	11.930	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.534	28.194	1) MSEDCL	353.387	1071.019
D) STATE			2) Mumbai Discoms	59.235	179.552
1) Thermal	245.577	739.864	TOTAL STATE	412.622	1250.571
(A1+C1+C4+(B1-B6))					
2) Hydro	6.742	22.777			
(A2+C2)					
3) Gas	14.216	41.373			
(A3+B6+C3)					
4) Wind	19.485	31.388			
6) SOLAR	3.439	10.055			
TOTAL STATE	289.459	845.457			

* 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 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	4967	4913	5241	4698
MSPGCL Hydro	207	270	132	65
MSPGCL Gas	413	411	418	434
MSPGCL Total Generation	5587	5594	5791	5197
Central Sector Receipt	5881	5996	5379	3247
WIND	1366	1207	786	1235
CPP / IPP Thermal	4296	4105	4777	3857
CPP / IPP Gas	0	0	0	0
SOLAR	490	504	0	0
Exchange with Mumbai	-1412	-1413	-1530	-1231
MSEDCL DEMAND MET	16208	15993	15203	12305
Load Shedding	0	0	0	0
MSEDCL DEMAND	16208	15993	15203	12305
TPCL GENERATION	1058	1033	1006	702
R-INFRA GENERATION	500	500	375	375
MUMBAI DEMAND	2970	2946	2911	2308
STATE DEMAND MET	19178	18939	18114	14613
STATE DEMAND	19178	18939	18114	14613
Frequency (Hz)	49.94	49.98	49.95	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 13.00 Hrs	49.72 Hz at 06.26 Hrs	49.95	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/Nov/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.01	0	0
Unit 8	7.77	22.05	380	263
Unit 9	8.69	21.75	403	286
Unit 10	12.88	36.70	620	460
Total	29.33	80.51		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	8.48	25.44	360	350
Unit 5	8.59	25.82	365	350
Total	17.06	51.26		
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	4.40	11.90	189	164
Total	4.40	11.90		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	3.20	0	0
Unit 6	9.05	27.01	405	345
Unit 7	9.65	28.67	456	365
Unit 8	9.73	29.36	450	350
Unit 9	2.90	22.62	428	0
Total	31.33	110.86		
Paras				
Unit 3	5.05	15.45	240	182
Unit 4	5.04	15.31	236	186
Total	10.10	30.75		
Khaparkheda				
Unit 1	3.80	11.38	165	150
Unit 2	3.72	11.60	170	130
Unit 3	0.00	0.00	0	0
Unit 4	3.86	11.87	175	147
Unit 5	9.54	29.20	460	360
Total	20.91	64.04		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.99	12.11	182	160
Unit 5	3.97	12.14	180	154
Total	7.96	24.26		
Uran				
All Units	10.11	29.44	462	396
Total	10.11	29.44		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.01	0.94	9	0
Total	0.01	0.94		
Koyna				
Stage 1-2	1.97	5.95	260	40
Stage 4	0.00	0.00	0	0
Stage 3	0.12	1.45	80	0
Total	2.09	7.40		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.14	0.14	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	0.86	80	0
RNGR+BHTSA	0.37	1.13	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.00	0	0
GHATGHAR	0.21	0.70	125	0
Total	0.99	2.84		
Wind				
Total	19.48	31.39	0	0
Total	19.48	31.39		
CPP				
APML(Mus)	50.93	143.52	0	0
JSWEL(Mus)	20.97	62.55	0	0
VIPL(Mus)	11.27	35.15	0	0
RPLAMT(Mus)	14.20	45.03	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	5.26	13.81	0	0
Total	102.62	300.05		
SOLAR				
Total	3.44	10.06	0	0
Total	3.44	10.06		
Tata				
Trombay 5	7.47	23.22	318	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.58	7.44	116	84
Trombay 7B	1.53	4.50	67	56
Trombay 8	4.86	14.82	204	201
TATA Hydro	3.66	12.54	399	0
Total	20.10	62.50		
R-INFRA				
DTPS U-1&2	9.53	28.19	501	374
Total	9.53	28.19		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	121.09	373.58	MSPGCL Total	134.28	413.26
			MSPGCL Thml+Gas	131.20	403.03	Koyna 1,2 & 4 Total	1.97	5.95
			MSPGCL Hydro	3.08	10.24	State Total	289.46	845.46

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/Nov/2017

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	4986	56	421	5463	393	3860	0	0	4263	4061	-1138	12639	0	12639	2157	14796	49.89
2	4930	246	420	5596	337	3838	0	0	4046	4429	-979	13221	0	13221	1994	15215	49.95
3	4917	131	418	5466	392	3938	0	0	4636	4458	-850	13404	0	13404	1872	15276	49.97
4	4966	66	408	5440	383	4115	0	0	4810	4684	-776	13846	0	13846	1796	15642	49.97
5	5054	86	417	5557	459	4138	0	0	4839	4813	-745	14222	0	14222	1765	15987	49.90
6	5536	86	420	6042	526	4582	0	0	5173	4846	-833	15163	0	15163	1855	17018	49.93
7	5536	111	437	6084	550	4855	0	7	5466	5264	-861	15899	0	15899	1952	17851	49.88
8	5406	151	462	6019	579	4871	0	97	5597	5646	-969	16243	0	16243	2089	18332	49.95
9	5135	56	444	5635	508	5069	0	238	5519	5638	-1168	15920	0	15920	2291	18211	49.98
10	5175	107	425	5707	770	4809	0	369	5637	5354	-1447	15562	0	15562	2695	18257	49.89
11	5133	201	419	5753	1234	4784	0	454	6009	5406	-1517	16114	0	16114	2922	19036	49.99
12	4967	207	413	5587	1366	4296	0	490	5956	5881	-1412	16208	0	16208	2970	19178	49.94
13	4913	270	411	5594	1207	4105	0	504	5782	5996	-1413	15993	0	15993	2946	18939	49.98
14	4913	144	398	5455	1182	4107	0	479	5716	5778	-1363	15638	0	15638	2850	18488	50.05
15	4970	60	405	5435	1077	4119	0	395	6078	6066	-1385	15707	0	15707	2824	18531	49.93
16	5150	95	396	5641	913	4169	0	274	6089	6244	-1441	15800	0	15800	2891	18691	49.97
17	5184	275	409	5868	797	4183	0	117	5887	5861	-1392	15434	0	15434	2866	18300	49.93
18	5213	250	410	5873	712	4345	0	15	5330	5566	-1382	15129	0	15129	2840	17969	49.95
19	5241	132	418	5791	786	4777	0	0	5435	5379	-1530	15203	0	15203	2911	18114	49.95
20	4924	108	422	5454	893	4225	0	0	5458	5172	-1550	14194	0	14194	2839	17033	49.97
21	4749	55	424	5228	985	3875	0	0	4950	5018	-1440	13666	0	13666	2664	16330	49.98
22	4701	55	437	5193	1049	3852	0	0	4729	4549	-1464	13179	0	13179	2542	15721	49.95
23	4696	65	442	5203	1152	3856	0	0	4484	3807	-1319	12699	0	12699	2395	15094	50.02
24	4698	65	434	5197	1235	3857	0	0	3743	3247	-1231	12305	0	12305	2308	14613	49.97
MUs	121.09	3.08	10.11	134.28	19.49	102.63	0.00	3.44	125.63	123.16	-29.60	353.39	0.00	353.39	59.23	412.62	49.95

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/Nov/2017

Position as on 6.30 Hrs of 04/Nov/2017

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 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
MSPGCL	Chandrapur Unit 5	500	01/11/2017	09.20		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.	Shutdown	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
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.	
CPP	SWPGL U-3	135	26/08/2017	17.40		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
IPP	RPL(AMT) U-3	270	17/09/2017	00.02		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	17/09/2017	02.01		Continued.	Coal Shortage	
MSPGCL	Parli Unit 7	250	12/10/2017	00.00		Continued.	ZERO SCHEDULE.	
MSPGCL	Parli Unit 6	250	14/10/2017	17.04		Continued.	zero schedule by msedcl.	
IPP	Adani U-2	660	18/10/2017	05.58	04/11/2017	02.21	aph support bearing abnormal sound and oil leakage.	
MSPGCL	Chandrapur Unit 3	210	25/10/2017	00.45		Continued.	Boiler tube leakage. Continued due to shortage of water from dt.01/11/17 0:00 hrs	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
MSPGCL	Chandrapur Unit 4	210	29/10/2017	04.45		Continued.	Auxiliary supply failure. Continued due to water	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Nov/2017

Position as on 6.30 Hrs of 04/Nov/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							shortage from dt. 01/11/17 0:00 hrs.	
MSPGCL	Nasik Unit 3	210	30/10/2017	23.35		Continued.	GOVERNING SYSTEM PROBLEM.	
MSPGCL	Bhusawal Unit 3	210	31/10/2017	22.37		Continued.	Coal Shortage	
CPP	SWPGL U-4	135	01/11/2017	00.02		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 7	210	01/11/2017	00.05		Continued.	Poor Coal Receipt.	
MSPGCL	Chandrapur Unit 9	500	03/11/2017	08.00		Continued.	Economizer Tube Leakage.	
MSPGCL	Khaparkheda Unit 4	210	04/11/2017	02.41		Continued.	Auxiliary supply failure	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 04/Nov/2017

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	30/10/2017	18.16	03/11/2017	05.17	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	03/11/2017	18.08		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	26/10/2017	15.16		Continued.	PO	SCADA work (RFC 19.53Hrs Dt.27/10/2017)
Jaigad-Karad Ckt-I	IntraState	30/10/2017	22.14		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	02/11/2017	20.16	03/11/2017	11.00	HT	Over Voltage
karad -kolhapur-I	IntraState	02/11/2017	20.52		Continued.	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	03/11/2017	11.06	03/11/2017	17.30	EO	Replacement of LMU Unit
Bhusawal-Aurangabad	IntraState	03/11/2017	18.50		Continued.	HT	Over Voltage
Padghe - Kalwa-II	IntraState	04/11/2017	05.29		Continued.	PO	Reorientation of Bay
Babhaleshwar - Padghe-II	IntraState	04/11/2017	06.01		Continued.	PO	Reorientation of Bay
400 KV ICT Outages/Trippings							
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	03/11/2017	15.03	03/11/2017	17.40	EO	Oil Topup
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.
Mahalakshmi Amona	InterState	03/11/2017	14.07	03/11/2017	18.55	T	Tripped from Amona end only
Tillari Amona	InterState	03/11/2017	14.071	03/11/2017	14.47	T	Tripped from Amona end only
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.
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	B Phase CT Burst at Pedambe End
Boisar II - PGCIL II	IntraState	03/11/2017	08.40	03/11/2017	13.05	PO	Tan Delta Measurment of CTs
Khadka-Chalisgaon-2	IntraState	03/11/2017	09.02	03/11/2017	12.05	PO	Testing Work
Virur - Gadchiroli	IntraState	03/11/2017	11.00	03/11/2017	12.20	PO	carrying out signature test
Kalwa - Taloja	IntraState	03/11/2017	11.57	03/11/2017	15.32	PO	Inspection of PRV of Main Tank
Dahanu Ghodbunder Line 1	IntraState	03/11/2017	13.22	03/11/2017	17.14	EO	To attend Hot Spot
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(Now repaired and ready for commissioning)
220/33kv 100 MVA Transformer 3 @Ghodbunder R/S	IntraState	29/10/2017	09:26		Continued.	PO	Refurbishment of 100 MVA-3 Transformer under SIS DPR scheme
220/132 Kv 200 Mva Bbl lct 4 @Padegaon	IntraState	03/11/2017	09.55	03/11/2017	17.50	PO	Testing Work
220/132 Kv 100 Mva lct 2 @Sawangi	IntraState	03/11/2017	10.15	03/11/2017	15.38	EO	To attend Hot Spot
220/132 Kv 150 MVA ICT @Boisar-II	IntraState	03/11/2017	13.24	03/11/2017	21.35	PO	Tan Delta Measurment of CTs
220/132 Kv 100 Mva lct 1 @Yavatmal	IntraState	03/11/2017	14.52	03/11/2017	16.50	PO	Attending Oil Leakage
220/132 Kv 200 Mva Vijay lct 2 @Chalisgaon	IntraState	03/11/2017	17.55	03/11/2017	21.52	PO	Testing Work

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