

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Nov/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.167	252.492	1) Gujrat	1.042	2.512
2) Hydro	3.938	7.159	2) Madhya Pradesh	9.584	17.859
3) Gas	10.232	19.333	3) Chattisgarh	7.060	13.640
Total MSPGCL	138.337	278.984	4) Maharashtra Net	121.581	249.458
B) 1) APML	49.399	92.588	5) Goa (Amona)	-0.792	-1.518
2) JSWEL	20.778	41.584	Total	138.475	281.951
3) VIPL	12.222	23.881	a) Mumbai Schedule	22.063	43.750
4) RPL(AMT)	15.612	30.828	b) Mumbai Drawl	29.146	59.250
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	35.587	75.528
6) PGPL	0.000	0.000	Include PX	0.000	0.000
7) Other IPP	4.617	8.547	d) Mumbai Bilateral *	22.063	43.750
C) 1) TPCL Thermal	13.056	25.707	Include PX	3.423	7.845
2) TPCL Hydro	4.166	8.876	Include Standby	0.000	0.000
3) TPCL Gas	3.925	7.824	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.498	18.660	1) MSEDCL	359.448	717.632
D) STATE			2) Mumbai Discoms	59.791	120.317
1) Thermal	249.349	494.287	TOTAL STATE	419.239	837.949
(A1+C1+C4+(B1-B6))					
2) Hydro	8.104	16.035			
(A2+C2)					
3) Gas	14.157	27.157			
(A3+B6+C3)					
4) Wind	5.893	11.903			
6) SOLAR	3.261	6.616			
TOTAL STATE	280.764	555.998			

* 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 1 Hrs
MSPGCL Thermal	5421	5365	5219	4899
MSPGCL Hydro	212	56	242	65
MSPGCL Gas	412	396	415	435
MSPGCL Total Generation	6045	5817	5876	5399
Central Sector Receipt	6689	6685	5872	4328
WIND	487	426	139	284
CPP / IPP Thermal	4658	4473	5048	3813
CPP / IPP Gas	0	0	0	0
SOLAR	507	468	0	0
Exchange with Mumbai	-1518	-1461	-1255	-1134
MSEDCL DEMAND MET	16868	16408	15680	12690
Load Shedding	0	0	0	0
MSEDCL DEMAND	16868	16408	15680	12690
TPCL GENERATION	1073	1120	1115	644
R-INFRA GENERATION	375	374	499	375
MUMBAI DEMAND	2966	2955	2869	2153
STATE DEMAND MET	19834	19363	18549	14843
STATE DEMAND	19834	19363	18549	14843
Frequency (Hz)	49.96	49.93	49.89	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 12.01 Hrs	49.76 Hz at 17.20 Hrs	49.93	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 02/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	5.74	14.28	281	182
Unit 9	7.68	13.07	390	250
Unit 10	12.04	23.83	555	450
Total	25.46	51.18		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	8.48	16.97	360	350
Unit 5	8.58	17.22	360	345
Total	17.06	34.20		
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	3.16	7.50	189	0
Total	3.16	7.50		
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	9.03	17.96	405	342
Unit 7	9.52	19.02	420	362
Unit 8	9.76	19.63	450	355
Unit 9	9.85	19.71	452	353
Total	38.16	79.53		
Paras				
Unit 3	5.20	10.39	240	187
Unit 4	5.12	10.26	236	179
Total	10.32	20.66		
Khaparkheda				
Unit 1	3.85	7.58	165	145
Unit 2	3.92	7.88	170	155
Unit 3	0.00	0.00	0	0
Unit 4	4.11	8.02	186	160
Unit 5	9.86	19.66	460	359
Total	21.74	43.13		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.13	8.12	197	159
Unit 5	4.13	8.18	190	158
Total	8.26	16.30		
Uran				
All Units	10.23	19.33	458	393
Total	10.23	19.33		
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)	0.45	0.93	44	0
Total	0.45	0.93		
Koyna				
Stage 1-2	2.26	3.98	295	40
Stage 4	0.00	0.00	0	0
Stage 3	0.83	1.33	80	0
Total	3.09	5.31		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	0.60	80	0
RNGR+BHTSA	0.37	0.76	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	0.18	0.49	95	0
Total	0.85	1.85		
Wind				
Total	5.89	11.90	0	0
Total	5.89	11.90		
CPP				
APML(Mus)	49.40	92.59	0	0
JSWEL(Mus)	20.78	41.58	0	0
VIPL(Mus)	12.22	23.88	0	0
RPLAMT(Mus)	15.61	30.83	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	4.62	8.55	0	0
Total	102.63	197.43		
SOLAR				
Total	3.26	6.62	0	0
Total	3.26	6.62		
Tata				
Trombay 5	8.01	15.75	460	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.44	4.86	115	75
Trombay 7B	1.49	2.96	67	53
Trombay 8	5.04	9.96	241	199
TATA Hydro	4.17	8.88	435	0
Total	21.15	42.41		
R-INFRA				
DTPS U-1&2	9.50	18.66	499	374
Total	9.50	18.66		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	124.17	252.49	MSPGCL Total	138.34	278.98
			MSPGCL Thml+Gas	134.40	271.82	Koyna 1,2 & 4 Total	2.26	3.98
			MSPGCL Hydro	3.94	7.16	State Total	280.76	556.00

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	4899	65	435	5399	284	3813	0	0	4486	4328	-1134	12690	0	12690	2153	14843	49.99
2	4893	55	456	5404	272	3815	0	0	4044	4452	-1002	12941	0	12941	2013	14954	49.97
3	4905	55	436	5396	213	3796	0	0	4406	4668	-876	13197	0	13197	1885	15082	49.98
4	4870	135	447	5452	215	3798	0	0	4399	4867	-787	13545	0	13545	1797	15342	49.96
5	4855	71	448	5374	168	3796	0	0	5059	5213	-756	13795	0	13795	1768	15563	49.95
6	5130	201	448	5779	171	3981	0	0	5562	5855	-837	14949	0	14949	1848	16797	49.90
7	5381	186	440	6007	159	4228	0	7	6102	5900	-874	15427	0	15427	1966	17393	49.89
8	5367	251	458	6076	161	4249	0	100	6369	6474	-929	16131	0	16131	2101	18232	49.91
9	5437	169	430	6036	126	4262	0	260	6175	6231	-1213	15702	0	15702	2431	18133	49.96
10	5376	216	424	6016	148	4370	0	367	5786	5985	-1244	15642	0	15642	2661	18303	49.90
11	5435	357	417	6209	298	4470	0	462	6286	6599	-1484	16554	0	16554	2941	19495	49.97
12	5421	212	412	6045	487	4658	0	507	6682	6689	-1518	16868	0	16868	2966	19834	49.96
13	5365	56	396	5817	426	4473	0	468	6654	6685	-1461	16408	0	16408	2955	19363	49.93
14	5377	103	405	5885	354	4444	0	404	6372	6756	-1405	16438	0	16438	2867	19305	49.96
15	5403	140	394	5937	253	4558	0	337	6491	6725	-1381	16429	0	16429	2912	19341	49.88
16	5286	165	393	5844	219	4693	0	230	6556	6634	-1252	16368	0	16368	2945	19313	49.87
17	5304	305	407	6016	156	4688	0	104	6436	6384	-1124	16224	0	16224	2904	19128	49.88
18	5250	390	420	6060	124	4979	0	15	5821	5864	-1199	15843	0	15843	2845	18688	49.84
19	5219	242	415	5876	139	5048	0	0	5899	5872	-1255	15680	0	15680	2869	18549	49.89
20	5186	198	420	5804	159	4677	0	0	6160	5825	-1605	14860	0	14860	2889	17749	49.95
21	4898	160	426	5484	234	4169	0	0	5736	5823	-1666	14044	0	14044	2772	16816	49.96
22	4959	71	432	5462	333	3999	0	0	5522	5373	-1458	13709	0	13709	2516	16225	50.01
23	4940	75	451	5466	388	3852	0	0	4997	4862	-1396	13172	0	13172	2439	15611	49.95
24	5011	60	422	5493	406	3812	0	0	4671	4411	-1290	12832	0	12832	2348	15180	49.95
MUs	124.17	3.94	10.23	138.34	5.89	102.63	0.00	3.26	136.67	138.48	-29.15	359.45	0.00	359.45	59.79	419.24	49.93

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 02/Nov/2017

Position as on 6.30 Hrs of 03/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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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		Continued.	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 02/Nov/2017

Position as on 6.30 Hrs of 03/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	Parli Unit 8	250	02/11/2017	14.55	02/11/2017	20.10	Loss of fuel	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 02/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 03/Nov/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi III - Akola II- ckt-II	IntraState	02/11/2017	13.13	02/11/2017	18.46	PO	Attending Hot Spot
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
Koradi Satpur	InterState	02/11/2017	15.30	02/11/2017	18.21	PO	Testing Work
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	01/11/2017	18.28	02/11/2017	11.17	HT	Over Voltage
karad -kolhapur-II	IntraState	01/11/2017	21.03	02/11/2017	10.17	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	02/11/2017	10.08	02/11/2017	18.21	PO	FOR CVT REPLCEMENT WORK AT TALEGAON PG
Khadka-Aurangabad (Waluj)	IntraState	02/11/2017	20.16		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	02/11/2017	20.52		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 315MVA ICT II @ Parli	IntraState	02/11/2017	21.08	02/11/2017	21.42	PO	TAP CHANGING WORK
400/220/33 Kv 500 MVA ICT-III @Girwali	IntraState	02/11/2017	21.55	02/11/2017	22.23	PO	TAP CHANGING 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.
Borivali - Tarapur	InterState	26/10/2017	11.01	02/11/2017	18.02	HT	Zone-II Main Bus outage
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
Talandge(400)- Mudshingi 2 Line	IntraState	01/11/2017	19.55	02/11/2017	05.53	HT	Due to noise in CT
Kandalgaon - Sona Alloys	IntraState	02/11/2017	09.00	02/11/2017	18.05	PO	REPLACEMENT OF DAMAGE CONDUCTOR BY SLEVE
Raymond - Washala	IntraState	02/11/2017	13.07	02/11/2017	17.50	PO	Routine Maintenance Work
Dasturi-Kandalgaon Line	IntraState	02/11/2017	14.33	02/11/2017	17.45	PO	SAFETY PURPOSE
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
220/22 Kv 50 Mva Ptr 1 @Chakan	IntraState	02/11/2017	10.48	02/11/2017	17.19	PO	Testing Work
132 KV LINE Outages/Trippings							
Ambazari-Mankapur 1	IntraState	30/10/2017	16.54		Continued.	T	Distance Protection

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