

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Nov/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.929	940.548	1) Gujrat	0.743	0.155
2) Hydro	12.658	52.668	2) Madhya Pradesh	9.981	75.966
3) Gas	10.228	80.415	3) Chattisgarh	7.720	54.570
Total MSPGCL	139.815	1073.631	4) Maharashtra Net	110.113	893.229
B) 1) APLM	70.489	482.106	5) Goa (Amona)	-0.770	-6.622
2) JSWEL	26.232	179.123	Total	127.787	1017.298
3) VIPL	13.443	97.129	a) Mumbai Schedule	20.855	160.891
4) RPL(AMT)	17.868	126.565	b) Mumbai Drawl	27.393	221.413
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	34.884	260.304
6) PGPL	0.000	0.000	Include PX	1.175	-13.832
7) Other IPP	7.899	47.909	d) Mumbai Bilateral *	20.855	160.891
C) 1) TPCL Thermal	15.331	108.474	Include PX	3.317	23.281
2) TPCL Hydro	4.174	27.129	Include Standby	0.000	0.000
3) TPCL Gas	4.026	32.412	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.732	78.565	1) MSEDCL	383.283	2920.657
D) STATE			2) Mumbai Discoms	61.656	467.988
1) Thermal	278.923	2060.419	TOTAL STATE	444.939	3388.645
(A1+C1+C4+(B1-B6))					
2) Hydro	16.832	79.797			
(A2+C2)					
3) Gas	14.254	112.827			
(A3+B6+C3)					
4) Wind	3.715	90.791			
6) SOLAR	3.428	27.518			
TOTAL STATE	317.152	2371.352			

* 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	4969	4977	4922	4765
MSPGCL Hydro	979	911	524	88
MSPGCL Gas	398	394	427	453
MSPGCL Total Generation	6346	6282	5873	5306
Central Sector Receipt	6370	6545	5305	4347
WIND	205	170	134	153
CPP / IPP Thermal	6002	5976	6029	4802
CPP / IPP Gas	0	0	0	0
SOLAR	501	454	0	0
Exchange with Mumbai	-1288	-1266	-1176	-1213
MSEDCL DEMAND MET	18136	18161	16165	13395
Load Shedding	0	0	0	0
MSEDCL DEMAND	18136	18161	16165	13395
TPCL GENERATION	1304	1291	1323	641
R-INFRA GENERATION	496	501	503	376
MUMBAI DEMAND	3088	3058	3002	2230
STATE DEMAND MET	21224	21219	19167	15625
STATE DEMAND	21224	21219	19167	15625
Frequency (Hz)	49.92	49.94	49.96	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 13.01 Hrs	49.67 Hz at 06.12 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 08/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	0.00	46.46	0	0
Unit 9	10.95	69.39	480	392
Unit 10	12.29	90.45	598	430
Total	23.24	206.31		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	7.92	67.16	355	305
Unit 5	8.02	67.98	370	300
Total	15.95	135.14		
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	4.21	33.05	196	162
Total	4.21	33.05		
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	9.14	71.78	410	338
Unit 7	9.99	76.06	450	357
Unit 8	10.46	76.69	500	360
Unit 9	9.69	39.20	473	283
Total	39.28	266.92		
Paras				
Unit 3	5.43	39.41	250	193
Unit 4	5.47	39.13	250	186
Total	10.90	78.54		
Khaparkheda				
Unit 1	3.76	29.56	170	140
Unit 2	3.86	29.82	195	135
Unit 3	0.00	0.00	0	0
Unit 4	3.90	28.13	184	150
Unit 5	3.41	68.35	400	0
Total	14.92	155.85		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.25	32.39	198	161
Unit 5	4.17	32.35	185	163
Total	8.42	64.74		
Uran				
All Units	10.23	80.42	453	387
Total	10.23	80.42		
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)	0.22	1.61	50	0
Total	0.22	1.61		
Koyna				
Stage 1-2	3.62	20.93	470	40
Stage 4	4.20	11.24	492	0
Stage 3	1.79	7.69	160	0
Total	9.61	39.85		
Hydro				
KDPH	0.43	1.85	18	18
VTRNA	0.28	0.28	59	0
TILLARI	0.24	1.32	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.27	1.70	40	0
RNGR+BHTSA	0.38	3.06	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.35	0.50	15	14
GHATGHAR	1.10	4.09	125	0
Total	3.05	12.82		
Wind				
Total	3.72	90.79	0	0
Total	3.72	90.79		
CPP				
APML(Mus)	70.49	482.11	0	0
JSWEL(Mus)	26.23	179.12	0	0
VIPL(Mus)	13.44	97.13	0	0
RPLAMT(Mus)	17.87	126.56	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	7.90	47.91	0	0
Total	135.93	932.83		
SOLAR				
Total	3.43	27.52	0	0
Total	3.43	27.52		
Tata				
Trombay 5	9.89	67.60	490	310
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.51	20.25	115	74
Trombay 7B	1.52	12.16	67	53
Trombay 8	5.44	40.87	248	200
TATA Hydro	4.17	27.13	416	0
Total	23.53	168.02		
R-INFRA				
DTPS U-1&2	10.73	78.56	503	375
Total	10.73	78.56		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	116.93	940.55
MSPGCL Thml+Gas	127.16	1020.96
MSPGCL Hydro	12.66	52.67

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	139.82	1073.63
Koyna 1,2 & 4 Total	7.82	32.17
State Total	317.15	2371.35

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/Nov/2017

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4765	88	453	5306	153	4802	0	0	4619	4347	-1213	13395	0	13395	2230	15625	49.97
2	4751	88	431	5270	114	4781	0	0	4738	4664	-1040	13789	0	13789	2056	15845	49.96
3	4811	158	447	5416	80	4798	0	0	4676	4838	-912	14220	0	14220	1929	16149	49.94
4	4910	223	435	5568	117	4873	0	0	4645	4878	-826	14610	0	14610	1845	16455	49.96
5	4925	128	445	5498	130	5064	0	0	4679	5169	-799	15062	0	15062	1816	16878	49.96
6	4920	283	446	5649	226	5592	0	0	5261	5224	-839	15852	0	15852	1917	17769	49.92
7	4878	477	447	5802	329	6150	0	4	5317	5381	-688	16978	0	16978	2061	19039	49.86
8	4961	652	445	6058	302	6234	0	100	5398	5176	-790	17080	0	17080	2201	19281	49.92
9	4944	493	444	5881	235	6227	0	262	5615	5337	-1100	16842	0	16842	2570	19412	49.95
10	4610	731	433	5774	233	6127	0	392	5783	5187	-1045	16668	0	16668	2739	19407	49.92
11	4825	877	415	6117	253	6062	0	463	6026	5665	-1340	17220	0	17220	3026	20246	49.96
12	4969	979	398	6346	205	6002	0	501	6523	6370	-1288	18136	0	18136	3088	21224	49.92
13	4977	911	394	6282	170	5976	0	454	6493	6545	-1266	18161	0	18161	3058	21219	49.94
14	4982	851	407	6240	130	5939	0	438	6270	6400	-1211	17936	0	17936	2938	20874	50.01
15	5060	882	404	6346	127	5968	0	369	6373	6356	-1205	17961	0	17961	2995	20956	49.92
16	5020	1224	387	6631	125	6003	0	296	6424	6268	-1233	18090	0	18090	3024	21114	49.93
17	4939	1295	408	6642	96	6022	0	132	6033	5841	-1197	17536	0	17536	3010	20546	49.94
18	4914	1097	406	6417	80	6038	0	17	5327	5183	-1160	16575	0	16575	2972	19547	49.91
19	4922	524	427	5873	134	6029	0	0	5308	5305	-1176	16165	0	16165	3002	19167	49.96
20	4906	190	420	5516	125	5937	0	0	5220	5041	-1288	15331	0	15331	2904	18235	49.97
21	4951	213	426	5590	95	5628	0	0	4941	4832	-1516	14629	0	14629	2765	17394	49.98
22	4929	108	436	5473	70	5591	0	0	4874	4508	-1518	14124	0	14124	2612	16736	49.98
23	4595	93	436	5124	75	5288	0	0	4948	4513	-1429	13571	0	13571	2506	16077	49.95
24	4465	93	438	4996	111	4796	0	0	4867	4759	-1314	13348	0	13348	2392	15740	49.98
MUs	116.93	12.66	10.23	139.82	3.72	135.93	0.00	3.43	130.36	127.79	-27.39	383.28	0.00	383.28	61.66	444.94	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 08/Nov/2017

Position as on 6.30 Hrs of 09/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								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	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	
RGPPL	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 from 12.10.2017 to 31.10.2017, Shutdown due to coal shortage from 00:00Hrs of 01.11.2017	
MSPGCL	Parli Unit 6	250	14/10/2017	17.04		Continued.	Zero Schedule from 14.10.2017 to 31.10.2017, Shutdown due to coal shortage from 00:00Hrs of 01.11.2017	
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	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 08/Nov/2017

Position as on 6.30 Hrs of 09/Nov/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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 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	Koradi Unit-8	660	07/11/2017	00.06		Continued.	poor coal receipt.	
MSPGCL	Khaparkheda Unit 5	500	08/11/2017	08.56		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 08/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 09/Nov/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
HVDC Pole-I	IntraState	08/11/2017	06.25			Continued.	PO Annual Maintenance Work
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	06/11/2017	18.57			Continued.	HT Over Voltage
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	08/11/2017	12.24	08/11/2017	20.27	PO	Annual Maintenance Work
Ektuni-Bableshwar ckt I	IntraState	26/10/2017	15.16	08/11/2017	12.29	HT	SCADA work (RFC 19.53Hrs Dt.27/10/2017)
karad -kolhapur-II	IntraState	07/11/2017	18.51	08/11/2017	10.29	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	07/11/2017	18.57	08/11/2017	10.21	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	07/11/2017	20.16	08/11/2017	06.19	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	07/11/2017	22.42	08/11/2017	06.11	HT	Over Voltage
New Koyna -Koyna Stage IV-I	IntraState	08/11/2017	09.07	08/11/2017	19.21	PO	Insulator Washing Work.
Chandrapur II - Chandrapur ckt 2	IntraState	08/11/2017	10.29	08/11/2017	15.37	PO	Diagnostic Testing Work.
Ektuni-Bableshwar ckt II	IntraState	08/11/2017	12.41			Continued.	HT Over Voltage
karad -kolhapur-I	IntraState	08/11/2017	20.30			Continued.	HT Over Voltage
Karad - Jaigad - II	IntraState	08/11/2017	20.35			Continued.	HT Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	08/11/2017	20.38			Continued.	HT Over Voltage
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT 2@koradi 2	IntraState	08/11/2017	11.28	08/11/2017	19.32	PO	Testing 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.
Wardha Deoli (Pg)	InterState	08/11/2017	11.25	08/11/2017	18.53	PO	Wardha 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.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12.23			Continued.	T Distance Protection Ry phase fault, 36KA practice in progress fault clear near borivali end.
Pedambe-Nerle	IntraState	23/09/2017	00.50			Continued.	T B Phase CT Burst at Pedambe End
Lamboti(solapur)-Karkamb	IntraState	07/11/2017	19.28	08/11/2017	05.03	HT	Over Voltage
GIS Bhandup - Borivali	IntraState	08/11/2017	06.03	08/11/2017	17.56	PO	Line Maintenance work
Mudshingi-Wathar	IntraState	08/11/2017	10.10	08/11/2017	13.57	PO	Attending Hot Spot
Karad -Mudshingi Ckt- IV	IntraState	08/11/2017	15.01	08/11/2017	18.02	PO	Annual Maintenance Work
Kandalgaon - Bhira	IntraState	08/11/2017	16.20	08/11/2017	19.35	PO	Routine Maintenance Work
Lamboti - Pandharpur li	IntraState	08/11/2017	20.41	09/11/2017	06.06	HT	Over Voltage
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
220/132kv 200mva Vijai Ptr 1 @Lonand	IntraState	08/11/2017	10.33	08/11/2017	17.38	PO	Attending Hot Spot

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 08/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 09/Nov/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
132 KV LINE Outages/Trippings							
Suprim - Pahur	IntraState	08/11/2017	16.05	08/11/2017	16.44	T	Back Up Protection Optd. Tripped At Suprim End.