

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Dec/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	114.486	782.295	1) Gujrat	4.049	4.412
2) Hydro	3.208	33.363	2) Madhya Pradesh	17.011	95.228
3) Gas	10.773	69.928	3) Chattisgarh	6.860	49.580
Total MSPGCL	128.467	885.586	4) Maharashtra Net	123.462	870.427
B) 1) APML	42.141	268.860	5) Goa (Amona)	-0.924	-6.138
2) JSWEL	16.398	105.100	Total	150.458	1013.509
3) VIPL	11.368	81.973	a) Mumbai Schedule	22.888	161.236
4) RPL(AMT)	9.508	73.414	b) Mumbai Drawl	23.863	174.723
5) WPCL	4.118	29.046	c) MSEDCL Bilateral *	42.016	285.583
6) PGPL	0.000	0.000	Include PX	7.658	71.587
7) Other IPP	11.515	84.535	d) Mumbai Bilateral *	22.888	161.236
C) 1) TPCL Thermal	7.365	57.420	Include PX	2.037	15.799
2) TPCL Hydro	6.021	36.447	Include Standby	0.000	0.000
3) TPCL Gas	4.249	28.495	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	8.999	67.518	1) MSEDCL	354.468	2480.069
D) STATE			2) Mumbai Discoms	50.497	364.603
1) Thermal	225.898	1550.161	TOTAL STATE	404.965	2844.672
(A1+C1+C4+(B1-B6))					
2) Hydro	9.229	69.810			
(A2+C2)					
3) Gas	15.022	98.423			
(A3+B6+C3)					
4) Wind	2.128	95.512			
6) SOLAR	2.230	17.257			
TOTAL STATE	254.507	1831.163			

* 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	5242	5164	4823	4313
MSPGCL Hydro	177	108	475	76
MSPGCL Gas	443	430	443	453
MSPGCL Total Generation	5862	5702	5741	4842
Central Sector Receipt	7439	7451	6448	4439
WIND	50	77	58	134
CPP / IPP Thermal	4413	4248	4177	3438
CPP / IPP Gas	0	0	0	0
SOLAR	381	370	0	0
Exchange with Mumbai	-1320	-1296	-1225	-783
MSEDCL DEMAND MET	16825	16552	15199	12070
Load Shedding	0	0	0	0
MSEDCL DEMAND	16825	16552	15199	12070
TPCL GENERATION	948	910	948	481
R-INFRA GENERATION	375	374	373	376
MUMBAI DEMAND	2643	2580	2546	1640
STATE DEMAND MET	19468	19132	17745	13710
STATE DEMAND	19468	19132	17745	13710
Frequency (Hz)	49.98	50.00	49.99	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 22.00 Hrs	49.79 Hz at 06.12 Hrs	49.99	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 07/Dec/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	3.56	25.76	160	135
Unit 8	8.38	47.46	405	310
Unit 9	10.93	75.68	630	360
Unit 10	0.00	0.00	0	0
Total	22.87	148.90		
Bhusawal				
Unit 3	0.00	22.99	0	0
Unit 4	8.92	42.86	470	335
Unit 5	9.00	40.30	470	345
Total	17.92	106.15		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.46	31.37	193	178
Unit 7	0.00	12.88	0	0
Unit 8	3.70	27.33	161	145
Total	8.16	71.58		
Chandrapur				
Unit 3	0.00	8.28	0	0
Unit 4	0.00	10.22	0	0
Unit 5	0.00	0.00	0	0
Unit 6	8.92	62.14	390	335
Unit 7	9.82	67.30	456	328
Unit 8	9.86	68.53	457	342
Unit 9	9.86	68.97	450	348
Total	38.46	285.45		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.31	22.72	250	171
Total	5.31	22.72		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.78	26.29	167	150
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.27	65.83	500	345
Total	14.05	92.12		
Nasik				
Unit 3	3.84	27.58	163	156
Unit 4	3.88	27.80	165	156
Unit 5	0.00	0.00	0	0
Total	7.71	55.38		
Uran				
All Units	10.77	69.93	463	428
Total	10.77	69.93		
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)	0.12	0.48	26	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.12	0.48		
Koyna				
Stage 1-2	1.16	13.44	100	35
Stage 4	0.32	0.95	211	0
Stage 3	0.09	3.47	64	0
Total	1.56	17.87		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.37	2.60	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.41	1.98	70	0
RNGR+BHTSA	0.39	2.76	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.47	2.85	20	19
GHATGHAR	0.00	5.31	0	0
Total	1.64	15.50		
Wind				
Total	2.13	95.51	0	0
Total	2.13	95.51		
CPP				
APML(Mus)	42.14	268.86	0	0
JSWEL(Mus)	16.40	105.10	0	0
VIPL(Mus)	11.37	81.97	0	0
RPLAMT(Mus)	9.51	73.41	0	0
WPCL(Mus)	4.12	29.05	0	0
Other(Mus)	11.52	84.54	0	0
Total	95.05	642.93		
SOLAR				
Total	2.23	17.26	0	0
Total	2.23	17.26		
Tata				
Trombay 5	7.36	57.42	313	302
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.68	17.76	115	105
Trombay 7B	1.57	10.73	67	63
Trombay 8	0.00	0.00	0	0
TATA Hydro	6.02	36.45	459	0
Total	17.64	122.36		
R-INFRA				
DTPS U-1&2	9.00	67.52	376	373
Total	9.00	67.52		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	114.49	782.30	MSPGCL Total	128.47	885.59
			MSPGCL Thml+Gas	125.26	852.22	Koyna 1,2 & 4 Total	1.47	14.40
			MSPGCL Hydro	3.21	33.36	State Total	254.51	1831.16

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/Dec/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	4313	76	453	4842	134	3438	0	0	4749	4439	-783	12070	0	12070	1640	13710	50.01
2	4265	81	451	4797	163	3452	0	0	4801	4703	-669	12446	0	12446	1518	13964	49.98
3	4257	76	451	4784	105	3439	0	0	5025	4932	-584	12676	0	12676	1434	14110	49.99
4	4232	76	452	4760	69	3526	0	0	5418	5054	-543	12866	0	12866	1394	14260	50.00
5	4327	96	462	4885	75	3611	0	0	5462	5536	-495	13612	0	13612	1419	15031	50.00
6	4841	76	442	5359	80	3858	0	0	5925	5834	-579	14552	0	14552	1547	16099	50.01
7	5106	86	463	5655	92	4186	0	2	6281	6410	-755	15590	0	15590	1748	17338	49.93
8	5265	71	459	5795	109	4312	0	26	6841	7235	-917	16560	0	16560	1924	18484	49.94
9	5347	72	458	5877	47	4280	0	119	7149	7011	-1143	16191	0	16191	2186	18377	49.96
10	5370	211	463	6044	45	4275	0	217	7009	6671	-1313	15939	0	15939	2453	18392	49.98
11	5131	202	449	5782	58	4295	0	295	7373	7694	-1317	16807	0	16807	2621	19428	49.97
12	5242	177	443	5862	50	4413	0	381	7723	7439	-1320	16825	0	16825	2643	19468	49.98
13	5164	108	430	5702	77	4248	0	370	7701	7451	-1296	16552	0	16552	2580	19132	50.00
14	4956	91	448	5495	108	4101	0	331	7709	7555	-1158	16432	0	16432	2451	18883	50.02
15	4949	76	428	5453	103	4118	0	248	7726	7703	-1142	16483	0	16483	2445	18928	49.94
16	4922	76	439	5437	111	4100	0	160	7735	7489	-1119	16178	0	16178	2443	18621	49.97
17	4890	76	440	5406	102	4110	0	71	7408	7529	-1131	16087	0	16087	2452	18539	49.96
18	4822	101	443	5366	60	4199	0	10	6973	6952	-1143	15444	0	15444	2466	17910	49.96
19	4823	475	443	5741	58	4177	0	0	6353	6448	-1225	15199	0	15199	2546	17745	49.99
20	4778	359	445	5582	66	4351	0	0	5740	5825	-1191	14633	0	14633	2447	17080	50.01
21	4409	178	438	5025	82	3804	0	0	5580	5929	-1156	13684	0	13684	2320	16004	49.98
22	4366	156	462	4984	146	3678	0	0	5559	5315	-1063	13060	0	13060	2102	15162	50.03
23	4365	121	450	4936	77	3599	0	0	5022	4897	-989	12520	0	12520	1938	14458	50.02
24	4346	91	461	4898	111	3475	0	0	4368	4407	-832	12059	0	12059	1780	13839	50.02
MUs	114.49	3.21	10.77	128.47	2.13	95.05	0.00	2.23	151.63	150.46	-23.86	354.47	0.00	354.47	50.50	404.97	49.99

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 07/Dec/2017

Position as on 6.30 Hrs of 08/Dec/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 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	
TPC_G	Trombay 8	250	18/11/2017	19.40		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	
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.	De-commissioned on dt.02.03.2017	
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.	
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	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
IPP	RPL(AMT) U-2	270	10/11/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 5	210	16/11/2017	04.45		Continued.	Flame Failure, withdrawn due to coal shortage since 20.11.2017 at 11:00Hrs	
IPP	Adani U-3	660	17/11/2017	20.59		Continued.	Tripped on APS Bellow Leakage	
MSPGCL	Khaparkheda Unit 1	210	18/11/2017	19.19		Continued.	Coal Shortage	
IPP	Adani U-5	660	19/11/2017	20.40	07/12/2017	23.45	Due to heavy leakage in seal air duct.	
CPP	IEPL Unit 1	270	22/11/2017	23.50		Continued.	Electrical fault	
MSPGCL	Khaparkheda Unit 4	210	25/11/2017	19.19		Continued.	CHP coal feeding problem	
MSPGCL	Koradi Unit 10	660	29/11/2017	05.00		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 3	250	29/11/2017	22.55		Continued.	bunkering problem.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 07/Dec/2017

Position as on 6.30 Hrs of 08/Dec/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	JSW (J) U4	300	30/11/2017	07.16		Continued.	Turbine Vibration Problem	
IPP	JSW (J) U2	300	01/12/2017	24.00		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		Continued.	Water Shortage	
MSPGCL	Parli Unit 7	250	03/12/2017	23.35		Continued.	Poor Coal Receipt.	
MSPGCL	Bhusawal Unit 3	210	06/12/2017	23.52		Continued.	Coal Shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Dec/2017

Statement-VII

Position as on 6.30 Hrs of 08/Dec/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	05/12/2017	13.13	07/12/2017	09.41	HT	Over Voltage
Dhule(MS)- Dhule(BDTCL) -I	InterState	07/12/2017	09.16	07/12/2017	19.08	PO	OUTAGE BY WRLDC.
Dhule(MS)- Dhule(BDTCL) -II	InterState	07/12/2017	10.19	07/12/2017	17.18	PO	OUTAGE BY WRLDC.
Kolhapur(M)-Kolhapur(GIS) cktII	InterState	07/12/2017	11.18	07/12/2017	19.10	PO	OUTAGE BY WRLDC.
Dhule Sar'Sarovar I	InterState	07/12/2017	17.33		Continued.	HT	Over Voltage
Padgha Tarapur I	InterState	08/12/2017	02.03		Continued.	T	Over Voltage
Parly(MS)- Nanded ckt I	IntraState	06/12/2017	12.41	07/12/2017	11.36	PO	y phase ct replacement work.
karad -kolhapur-I	IntraState	06/12/2017	18.06	07/12/2017	08.24	HT	Over Voltage
Karad - Jaigad - II	IntraState	06/12/2017	18.11	07/12/2017	08.25	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	06/12/2017	19.55	07/12/2017	08.24	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	06/12/2017	21.37	07/12/2017	06.10	HT	Over Voltage
400KV Main Bus-I @400KV Padgha	IntraState	07/12/2017	05.51		Continued.	PO	REPLACEMENT OF BUS CONDUCTOR.
Jaigad-New Koyna Ckt-II	IntraState	07/12/2017	09.03	07/12/2017	15.48	PO	Insulator Replacement Work
Main Bus-II @ Akola	IntraState	07/12/2017	09.08	07/12/2017	17.17	PO	BUS MAINTENANCE WORK OF EQUIPMENT.
Lonikand2-Lonikand1 (Intrconector)	IntraState	07/12/2017	09.51	07/12/2017	18.14	PO	Routine Maintenance Work
Solapur - Parli(PG) I	IntraState	07/12/2017	16.32	07/12/2017	19.00	PO	DECAPPED INSULATOR REPLACEMENT.
Khadka-Aurangabad (Waluj)	IntraState	07/12/2017	17.32		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	07/12/2017	18.24		Continued.	HT	Over Voltage
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 RY phase fault.
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	B Phase CT Burst at Pedambe End
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)
Kandalgaon - Koyna	IntraState	07/12/2017	06.30	07/12/2017	22.00	PO	MAIN BUS SECTION OUTAGE AT POPHALI.
Pedambe-Pophali	IntraState	07/12/2017	07.00	07/12/2017	20.25	PO	MAIN BUS SECTION OUTAGE AT POPHALI.
Bableshwar- Alephata ckt I	IntraState	07/12/2017	07.22	07/12/2017	20.08	PO	Line Maintenance work
Main Bus Section-I @ Pophali	IntraState	07/12/2017	07.25	07/12/2017	20.25	PO	MAIN BUS SECTION OUTAGE AT POPHALI.
Pusad-Ghatodi	IntraState	07/12/2017	08.32	07/12/2017	16.24	HT	IN VIEW OF BUS SECTION OUTAGE AT YEVTMAL.
Lonikand-VSNL	IntraState	07/12/2017	10.29	07/12/2017	13.13	PO	TAKEN ON TBC.
Ranjangaon-Lonikand	IntraState	07/12/2017	11.18	07/12/2017	19.09	PO	Testing Work
Half Bus section-I @ Yavatmal	IntraState	07/12/2017	11.25	07/12/2017	15.38	PO	ERECTION OF NEW BUS ISO. & POST INSULATOR WITH BUS CONNECTION JUMPER TO

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 07/Dec/2017

Statement-VII

Position as on 6.30 Hrs of 08/Dec/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							THIS NEW BUS ISO.
Kharghar-Borivali ckt II	IntraState	07/12/2017	12.23		Continued.	T	Distance Protection
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)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/33kv 100 MVA Transformer 3 @Aarey R/S	IntraState	04/12/2017	10.24		Continued.	PO	Annual Maintenance Work
220/33kv 100 Mvatransformer 2 @Versova R/S	IntraState	04/12/2017	10.43		Continued.	PO	tf refurbishment work.
220/132kv 100MVA ICT-II @ Alephata	IntraState	07/12/2017	09.07	07/12/2017	14.50	PO	GENERAL BAY MAINTENANCE WORK.
220/33kv 100 MVA Transformer 3 @Aarey R/S	IntraState	07/12/2017	10.39	07/12/2017	Continued.	PO	Annual Maintenance Work
132 KV LINE Outages/Trippings							
Harangul - Nilanga	IntraState	07/12/2017	05.32	07/12/2017	05.39	T	Distance Protection
Waghala(Nanded2) - Ardhapur	IntraState	07/12/2017	10.41	07/12/2017	10.49	T	Over Current Protection
Raimoha - Pathardi	IntraState	07/12/2017	19.52		Continued.	T	Distance Protection

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