

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Dec/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	109.889	667.809	1) Gujrat	2.433	0.363
2) Hydro	5.724	30.155	2) Madhya Pradesh	14.862	78.217
3) Gas	10.627	59.155	3) Chattisgarh	6.170	42.720
Total MSPGCL	126.240	757.119	4) Maharashtra Net	117.691	746.965
B) 1) APML	40.231	226.719	5) Goa (Amona)	-0.858	-5.214
2) JSWEL	15.861	88.702	Total	140.298	863.051
3) VIPL	10.658	70.605	a) Mumbai Schedule	21.631	138.348
4) RPL(AMT)	9.762	63.906	b) Mumbai Drawl	25.370	150.860
5) WPCL	4.171	24.928	c) MSEDCL Bilateral *	35.700	243.568
6) PGPL	0.000	0.000	Include PX	2.041	63.929
7) Other IPP	12.006	73.020	d) Mumbai Bilateral *	21.631	138.348
C) 1) TPCL Thermal	7.540	50.055	Include PX	1.425	13.762
2) TPCL Hydro	6.278	30.426	Include Standby	0.000	0.000
3) TPCL Gas	4.170	24.246	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	8.996	58.519	1) MSEDCL	346.805	2125.601
D) STATE			2) Mumbai Discoms	52.354	314.106
1) Thermal	219.114	1324.263	TOTAL STATE	399.159	2439.707
(A1+C1+C4+(B1-B6))					
2) Hydro	12.002	60.581			
(A2+C2)					
3) Gas	14.797	83.401			
(A3+B6+C3)					
4) Wind	10.661	93.384			
6) SOLAR	2.287	15.027			
TOTAL STATE	258.861	1576.656			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 1 Hrs
MSPGCL Thermal	4893	4918	5029	3951
MSPGCL Hydro	432	81	335	78
MSPGCL Gas	442	438	445	445
MSPGCL Total Generation	5767	5437	5809	4474
Central Sector Receipt	7311	6927	6553	3120
WIND	441	388	238	997
CPP / IPP Thermal	4257	4492	4134	3433
CPP / IPP Gas	0	0	0	0
SOLAR	330	351	1	0
Exchange with Mumbai	-1451	-1436	-1261	-816
MSEDCL DEMAND MET	16655	16159	15474	11208
Load Shedding	0	0	0	0
MSEDCL DEMAND	16655	16159	15474	11208
TPCL GENERATION	955	911	947	474
R-INFRA GENERATION	374	373	375	377
MUMBAI DEMAND	2780	2720	2583	1667
STATE DEMAND MET	19435	18879	18057	12875
STATE DEMAND	19435	18879	18057	12875
Frequency (Hz)	49.98	49.99	50.00	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 12.00 Hrs	49.76 Hz at 22.07 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 06/Dec/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	3.61	22.20	165	130
Unit 8	8.87	39.08	440	240
Unit 9	10.01	64.75	500	317
Unit 10	0.00	0.00	0	0
Total	22.49	126.03		
Bhusawal				
Unit 3	3.74	22.99	175	142
Unit 4	8.77	33.94	475	340
Unit 5	2.29	31.29	350	0
Total	14.80	88.22		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.38	26.91	186	176
Unit 7	0.00	12.88	0	0
Unit 8	3.73	23.63	167	150
Total	8.11	63.42		
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	8.99	53.22	395	336
Unit 7	9.85	57.49	457	341
Unit 8	9.67	58.67	450	340
Unit 9	9.67	59.11	460	335
Total	38.19	246.99		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.07	17.40	256	184
Total	5.07	17.40		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.66	22.51	160	150
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.80	55.56	495	344
Total	13.45	78.07		
Nasik				
Unit 3	3.89	23.74	200	150
Unit 4	3.88	23.93	181	155
Unit 5	0.00	0.00	0	0
Total	7.76	47.67		
Uran				
All Units	10.63	59.16	462	427
Total	10.63	59.16		
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)	0.00	0.35	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.35		
Koyna				
Stage 1-2	2.18	12.29	355	40
Stage 4	0.00	0.63	0	0
Stage 3	0.62	3.38	80	0
Total	2.81	16.30		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.38	2.23	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	1.57	80	0
RNGR+BHTSA	0.39	2.36	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.49	2.38	21	20
GHATGHAR	1.36	5.31	125	0
Total	2.92	13.85		
Wind				
Total	10.66	93.38	0	0
Total	10.66	93.38		
CPP				
APML(Mus)	40.23	226.72	0	0
JSWEL(Mus)	15.86	88.70	0	0
VIPL(Mus)	10.66	70.60	0	0
RPLAMT(Mus)	9.76	63.91	0	0
WPCL(Mus)	4.17	24.93	0	0
Other(Mus)	12.01	73.02	0	0
Total	92.69	547.88		
SOLAR				
Total	2.29	15.03	0	0
Total	2.29	15.03		
Tata				
Trombay 5	7.54	50.06	317	309
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.62	15.08	116	100
Trombay 7B	1.56	9.16	67	62
Trombay 8	0.00	0.00	0	0
TATA Hydro	6.28	30.43	459	0
Total	17.99	104.73		
R-INFRA				
DTPS U-1&2	9.00	58.52	377	373
Total	9.00	58.52		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	109.89	667.81	MSPGCL Total	126.24	757.12
			MSPGCL Thml+Gas	120.52	726.96	Koyna 1,2 & 4 Total	2.18	12.92
			MSPGCL Hydro	5.72	30.16	State Total	258.86	1576.66

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	3951	78	445	4474	997	3433	0	0	3606	3120	-816	11208	0	11208	1667	12875	50.03
2	3969	78	436	4483	880	3444	0	0	4017	3545	-703	11649	0	11649	1551	13200	50.03
3	4038	78	444	4560	850	3431	0	0	4345	3857	-644	12054	0	12054	1492	13546	50.01
4	4066	88	447	4601	838	3443	0	0	4012	4023	-603	12302	0	12302	1452	13754	49.98
5	4049	83	446	4578	747	3487	0	0	4646	4464	-571	12705	0	12705	1480	14185	50.00
6	4025	83	442	4550	771	3470	0	1	5499	5589	-679	13702	0	13702	1608	15310	49.97
7	4351	398	443	5192	697	3661	0	2	6073	6380	-801	15131	0	15131	1817	16948	49.94
8	4711	558	433	5702	552	3981	0	40	6430	6644	-994	15925	0	15925	2011	17936	49.96
9	4748	518	437	5703	460	4105	0	142	6740	6798	-1263	15945	0	15945	2318	18263	49.92
10	4744	516	441	5701	436	4109	0	236	6672	6861	-1351	15992	0	15992	2605	18597	49.97
11	4893	432	442	5767	441	4257	0	330	7001	7311	-1451	16655	0	16655	2780	19435	49.98
12	4925	247	442	5614	486	4480	0	362	7596	7006	-1469	16479	0	16479	2783	19262	49.98
13	4918	81	438	5437	388	4492	0	351	7427	6927	-1436	16159	0	16159	2720	18879	49.99
14	4767	76	438	5281	279	4175	0	310	7026	7102	-1283	15864	0	15864	2572	18436	49.96
15	4866	454	427	5747	277	3887	0	225	6837	7088	-1232	15992	0	15992	2562	18554	49.94
16	4904	286	439	5629	249	4076	0	190	7115	7007	-1216	15935	0	15935	2531	18466	49.95
17	4896	286	440	5622	199	4094	0	88	7031	7097	-1187	15913	0	15913	2518	18431	49.91
18	4988	374	442	5804	205	4137	0	9	6371	6453	-1185	15423	0	15423	2511	17934	49.96
19	5029	335	445	5809	238	4134	0	1	6344	6553	-1261	15474	0	15474	2583	18057	50.00
20	5096	268	448	5812	183	4106	0	0	5798	5942	-1212	14831	0	14831	2497	17328	50.00
21	4631	139	447	5217	134	3920	0	0	5435	5656	-1187	13740	0	13740	2342	16082	49.98
22	4482	116	450	5048	125	3463	0	0	5371	5504	-1053	13087	0	13087	2161	15248	49.97
23	4432	76	462	4970	113	3454	0	0	4961	4970	-931	12576	0	12576	1986	14562	49.96
24	4410	76	453	4939	116	3448	0	0	4607	4401	-842	12062	0	12062	1807	13869	50.01
MUs	109.89	5.72	10.63	126.24	10.66	92.69	0.00	2.29	140.96	140.30	-25.37	346.80	0.00	346.80	52.35	399.16	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 06/Dec/2017

Position as on 6.30 Hrs of 07/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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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		Continued.	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 06/Dec/2017

Position as on 6.30 Hrs of 07/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 5	500	04/12/2017	06.22	06/12/2017	15.21	Coal mill problem	
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 06/Dec/2017

Statement-VII

Position as on 6.30 Hrs of 07/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		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	03/12/2017	17.32	06/12/2017	10.59	HT	Over Voltage
Karad-Jaigad - I	IntraState	05/12/2017	10.48	06/12/2017	10.34	PO	Insulator maintenance work.
Khadka-Aurangabad (Waluj)	IntraState	05/12/2017	19.14	06/12/2017	11.43	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	05/12/2017	20.58	06/12/2017	06.55	HT	Over Voltage
Main Bus I @ Akola	IntraState	06/12/2017	08.31	06/12/2017	19.18	PO	Testing Work
Jaigad-New Koyna Ckt-I	IntraState	06/12/2017	10.58	06/12/2017	18.04	PO	insulator replacement work.
Parly(MS)- Nanded ckt I	IntraState	06/12/2017	12.41		Continued.	PO	y phase ct replacement work.
karad -kolhapur-I	IntraState	06/12/2017	18.06		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	06/12/2017	18.11		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	06/12/2017	19.55		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	06/12/2017	21.37	07/12/2017	06.10	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)
Bhambori Amalner	IntraState	05/12/2017	16.38	06/12/2017	00.05	T	Distance Protection
Bableshwar -Bhenda	IntraState	05/12/2017	17.32	06/12/2017	02.27	T	Distance Protection
Hamidwada-Mumewadi	IntraState	06/12/2017	09.12	06/12/2017	17.05	PO	insulator cleaning.
Butibori-VIPL-IV GIS Bay	IntraState	06/12/2017	10.13	06/12/2017	17.53	EO	Attending Hot Spot
Matardevi - Loyd Metals	IntraState	06/12/2017	12.44	06/12/2017	18.46	PO	CRM, timing of breaker and bay maintenance work.
Colourchem - Temghar	IntraState	06/12/2017	15.02	06/12/2017	15.28	T	Distance Protection
Kalwa - Colourchem	IntraState	06/12/2017	15.02	06/12/2017	17.25	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.
220/33kV 100 MVA Transformer 4 @Aarey R/S	IntraState	06/12/2017	08.02	06/12/2017	11.55	PO	relay replacement work.
220/132 Kv 150 Mva Emco lct 1 @Ambazari	IntraState	06/12/2017	10.06	06/12/2017	13.37	PO	for joining neutral strips to new earth pit & replacing y- ph jumper.

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 06/Dec/2017

Statement-VII

Position as on 6.30 Hrs of 07/Dec/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
100 KV LINE Outages/Trippings							
Kolshet - Kharbav	IntraState	06/12/2017	03.00		Continued.	T	Distance Protection