

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Dec/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	118.932	3438.782	1) Gujrat	0.193	16.322
2) Hydro	5.923	157.958	2) Madhya Pradesh	12.821	373.514
3) Gas	10.827	288.009	3) Chattisgarh	6.770	199.150
Total MSPGCL	135.682	3884.749	4) Maharashtra Net	100.984	3193.449
B) 1) APML	53.782	1429.661	5) Goa (Amona)	-0.902	-26.180
2) JSWEL	17.473	487.108	Total	119.866	3756.255
3) VIPL	10.046	332.414	a) Mumbai Schedule	18.805	584.952
4) RPL(AMT)	5.077	242.584	b) Mumbai Drawl	19.335	642.368
5) WPCL	4.127	119.238	c) MSEDCL Bilateral *	21.077	878.261
6) PGPL	0.000	0.000	Include PX	-6.705	31.297
7) Other IPP	16.657	382.554	d) Mumbai Bilateral *	18.805	584.952
C) 1) TPCL Thermal	12.575	311.222	Include PX	-0.422	28.235
2) TPCL Hydro	4.087	126.621	Include Standby	0.000	0.000
3) TPCL Gas	4.359	112.436	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.374	262.737	1) MSEDCL	354.325	10393.114
D) STATE			2) Mumbai Discoms	49.730	1455.387
1) Thermal	248.043	7006.300	TOTAL STATE	404.055	11848.501
(A1+C1+C4+(B1-B6))					
2) Hydro	10.010	284.579			
(A2+C2)					
3) Gas	15.186	400.445			
(A3+B6+C3)					
4) Wind	7.502	316.136			
6) SOLAR	3.448	84.783			
TOTAL STATE	284.189	8092.243			

* 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 4 Hrs
MSPGCL Thermal	5557	5548	5358	4229
MSPGCL Hydro	778	621	215	106
MSPGCL Gas	439	424	446	463
MSPGCL Total Generation	6774	6593	6019	4798
Central Sector Receipt	6097	5900	5014	3753
WIND	216	243	236	352
CPP / IPP Thermal	4809	4832	4929	3932
CPP / IPP Gas	0	0	0	0
SOLAR	500	502	1	0
Exchange with Mumbai	-980	-1025	-1115	-314
MSEDCL DEMAND MET	17416	17045	15084	12521
Load Shedding	0	0	0	0
MSEDCL DEMAND	17416	17045	15084	12521
TPCL GENERATION	1139	1086	1059	681
R-INFRA GENERATION	495	504	377	374
MUMBAI DEMAND	2614	2615	2551	1369
STATE DEMAND MET	20030	19660	17635	13890
STATE DEMAND	20030	19660	17635	13890
Frequency (Hz)	49.95	49.98	50.00	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 13.02 Hrs	49.8 Hz at 08.34 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 29/Dec/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	1.05	44.01	140	0
Unit 8	11.40	172.45	608	377
Unit 9	0.00	232.29	0	0
Unit 10	11.18	182.36	580	380
Total	23.62	631.11		
Bhusawal				
Unit 3	3.95	79.94	205	145
Unit 4	9.46	248.11	485	345
Unit 5	9.66	250.32	500	345
Total	23.07	578.36		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.44	130.42	192	178
Unit 7	0.00	12.88	0	0
Unit 8	3.82	111.84	163	155
Total	8.26	255.14		
Chandrapur				
Unit 3	0.00	8.28	0	0
Unit 4	0.00	10.22	0	0
Unit 5	9.95	159.63	465	347
Unit 6	0.00	244.01	0	0
Unit 7	9.85	282.24	456	360
Unit 8	0.00	143.56	0	0
Unit 9	9.62	281.68	460	349
Total	29.42	1129.62		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.38	138.61	250	186
Total	5.38	138.61		
Khaparkheda				
Unit 1	3.84	43.08	170	145
Unit 2	3.95	109.13	170	160
Unit 3	0.00	0.00	0	0
Unit 4	3.31	52.20	175	0
Unit 5	10.01	280.95	490	350
Total	21.12	485.37		
Nasik				
Unit 3	0.00	104.49	0	0
Unit 4	4.03	74.87	196	159
Unit 5	4.04	41.21	193	157
Total	8.07	220.58		
Uran				
All Units	10.83	288.01	478	421
Total	10.83	288.01		
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)	0.55	8.16	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.55	8.16		
Koyna				
Stage 1-2	2.18	58.14	445	40
Stage 4	0.00	5.73	0	0
Stage 3	0.70	15.10	80	0
Total	2.88	78.96		
Hydro				
KDPH	0.00	6.52	0	0
VTRNA	0.81	9.11	60	0
TILLARI	0.54	10.04	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.17	6.30	40	0
RNGR+BHTSA	0.39	11.48	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.24	1.60	10	9
SMLHY_PTN	0.52	12.82	31	18
GHATGHAR	0.38	21.12	125	0
Total	3.04	78.99		
Wind				
Total	7.50	316.14	0	0
Total	7.50	316.14		
CPP				
APML(Mus)	53.78	1429.66	0	0
JSWEL(Mus)	17.47	487.11	0	0
VIPL(Mus)	10.05	332.41	0	0
RPLAMT(Mus)	5.08	242.58	0	0
WPCL(Mus)	4.13	119.24	0	0
Other(Mus)	16.66	382.55	0	0
Total	107.16	2993.56		
SOLAR				
Total	3.45	84.78	0	0
Total	3.45	84.78		
Tata				
Trombay 5	7.64	230.30	399	297
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	69.37	116	115
Trombay 7B	1.60	43.06	68	65
Trombay 8	4.94	80.92	249	198
TATA Hydro	4.09	126.62	379	0
Total	21.02	550.28		
R-INFRA				
DTPS U-1&2	9.37	262.74	504	374
Total	9.37	262.74		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	118.93	3438.78	MSPGCL Total	135.68	3884.75
			MSPGCL Thml+Gas	129.76	3726.79	Koyna 1,2 & 4 Total	2.18	63.87
			MSPGCL Hydro	5.92	157.96	State Total	284.19	8092.24

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/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	4413	85	470	4968	449	3926	0	0	3712	3782	-529	12596	0	12596	1602	14198	49.98
2	4403	85	461	4949	373	3955	0	0	3563	3824	-408	12693	0	12693	1481	14174	49.99
3	4280	85	473	4838	357	3960	0	0	3633	3740	-351	12544	0	12544	1405	13949	49.99
4	4229	106	463	4798	352	3932	0	0	3675	3753	-314	12521	0	12521	1369	13890	49.97
5	4235	178	464	4877	359	3972	0	0	3982	4006	-324	12890	0	12890	1379	14269	49.95
6	4387	166	478	5031	463	4188	0	0	4606	4778	-417	14043	0	14043	1473	15516	50.01
7	4870	165	465	5500	534	4518	0	1	5501	5393	-550	15396	0	15396	1602	16998	49.99
8	5246	265	477	5988	553	4719	0	41	5903	6111	-686	16726	0	16726	1778	18504	49.95
9	5423	345	464	6232	363	4837	0	208	5789	5823	-794	16669	0	16669	2057	18726	49.92
10	5501	371	458	6330	282	4826	0	345	5996	6045	-1033	16795	0	16795	2349	19144	49.95
11	5521	293	446	6260	231	4829	0	451	6093	5973	-1185	16559	0	16559	2555	19114	49.91
12	5557	778	439	6774	216	4809	0	500	6112	6097	-980	17416	0	17416	2614	20030	49.95
13	5548	621	424	6593	243	4832	0	502	6091	5900	-1025	17045	0	17045	2615	19660	49.98
14	5507	374	422	6303	199	4822	0	489	6084	6068	-921	16960	0	16960	2454	19414	50.04
15	5449	244	421	6114	146	4747	0	440	6079	5615	-1071	15991	0	15991	2452	18443	49.99
16	5335	250	434	6019	120	4768	0	295	6076	5974	-1080	16096	0	16096	2469	18565	49.96
17	5297	245	427	5969	92	4800	0	155	5966	5874	-1011	15879	0	15879	2461	18340	49.97
18	5326	212	431	5969	153	4834	0	20	5402	5279	-1027	15228	0	15228	2463	17691	49.95
19	5358	215	446	6019	236	4929	0	1	4989	5014	-1115	15084	0	15084	2551	17635	50.00
20	4864	221	446	5531	344	4605	0	0	5252	4922	-1083	14319	0	14319	2495	16814	49.95
21	4564	198	451	5213	394	4285	0	0	5016	4557	-1069	13380	0	13380	2300	15680	50.01
22	4555	160	454	5169	349	4154	0	0	3972	4026	-922	12776	0	12776	2128	14904	50.02
23	4541	160	455	5156	340	3965	0	0	3675	3726	-772	12415	0	12415	1933	14348	50.01
24	4523	101	458	5082	354	3950	0	0	3699	3587	-668	12305	0	12305	1745	14050	50.02
MUs	118.93	5.92	10.83	135.68	7.50	107.16	0.00	3.45	120.87	119.87	-19.33	354.33	0.00	354.33	49.73	404.06	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 29/Dec/2017

Position as on 6.30 Hrs of 30/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-8	500	16/12/2017	00.16		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	
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-5	270	17/09/2017	02.01		Continued.	Coal Shortage	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
IPP	Adani U-3	660	17/11/2017	20.59		Continued.	Tripped on APS Bellow Leakage	
MSPGCL	Paras Unit 3	250	29/11/2017	22.55		Continued.	bunkering problem, Water shortage	
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.	
IPP	RPL(AMT) U-1	270	12/12/2017	08.49		Continued.	switch gear problem (Coal shortage from 17.12.2017, 00:00hrs)	
MSPGCL	Koradi Unit 7	210	13/12/2017	00.10	29/12/2017	13.57	poor coal receipt.	
IPP	RPL(AMT) U-4	270	15/12/2017	00.01		Continued.	Coal Shortage	
IPP	RPL(AMT) U-2	270	22/12/2017	00.01		Continued.	zero schedule	
MSPGCL	Koradi Unit 9	660	22/12/2017	16.35		Continued.	Tripped on Rotor Earth Fault	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	commission of venting system.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 29/Dec/2017

Position as on 6.30 Hrs of 30/Dec/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Nasik Unit 3	210	27/12/2017	04.30		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 8	108	27/12/2017	18.51		Continued.	thrust bearing trip.	
MSPGCL	Chandrapur Unit 6	500	28/12/2017	11.41		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	29/12/2017	02.20	29/12/2017	05.49	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Dec/2017

Statement-VII

Position as on 6.30 Hrs of 30/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 II	InterState	28/12/2017	17.45	29/12/2017	06.56	HT	Over Voltage
Akola Wardha I	InterState	29/12/2017	09.14	29/12/2017	19.47	PO	Insulator Replacement Work
Dhule Sar'Sarovar I	InterState	29/12/2017	17.37		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	28/12/2017	17.27	29/12/2017	06.38	T	Over Voltage
karad -kolhapur-I	IntraState	28/12/2017	17.49	29/12/2017	10.48	HT	Over Voltage
Karad - Jaigad - II	IntraState	28/12/2017	17.53	29/12/2017	10.51	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	28/12/2017	23.36	29/12/2017	06.39	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	29/12/2017	14.44	29/12/2017	15.18	EO	To attend WTI Problem on Reactor
Bhusawal-Aurangabad	IntraState	29/12/2017	17.28		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	29/12/2017	17.29		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	29/12/2017	17.32		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	29/12/2017	18.03		Continued.	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	29/12/2017	20.31		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.
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)
Kharghar-Borivali ckt II	IntraState	07/12/2017	12.23		Continued.	T	Distance Protection
Padghe - Jambhul 1	IntraState	28/12/2017	09.06		Continued.	PO	BREAKER REPLACEMENT WORK.
Amalner - Bambhori	IntraState	29/12/2017	09.17	29/12/2017	10.28	PO	Carrying out Signature test
Padghe - Kamba	IntraState	29/12/2017	09.37	29/12/2017	16.15	PO	Attending Oil Leakage
Butibori-Khaperkheda	IntraState	29/12/2017	11.31	29/12/2017	13.45	PO	Tan Delta Measurment of CTs
Badnera - Nandgaonpeth	IntraState	29/12/2017	12.53	29/12/2017	16.05	PO	Quarterly Maintainance Work
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)

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