

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Dec/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	140.057	3917.951	1) Gujrat	0.319	37.608
2) Hydro	3.983	152.792	2) Madhya Pradesh	5.932	239.231
3) Gas	6.318	202.030	3) Chattisgarh	5.210	159.940
Total MSPGCL	150.358	4272.773	4) Maharashtra Net	80.592	2635.819
B) 1) APML	63.202	1976.142	5) Goa (Amona)	-0.264	-9.042
2) JSWEL	20.793	538.885	Total	91.789	3063.556
3) VIPL	5.206	268.733	a) Mumbai Schedule	15.681	535.358
4) RPL(AMT)	0.000	270.357	b) Mumbai Drawl	20.863	637.322
5) WPCL	0.000	27.408	c) MSEDCL Bilateral *	12.205	564.604
6) PGPL	0.000	0.000	Include PX	-12.195	-171.805
7) Other IPP	15.749	443.465	d) Mumbai Bilateral *	15.681	528.943
C) 1) TPCL Thermal	12.009	369.076	Include PX	1.085	34.154
2) TPCL Hydro	2.548	100.344	Include Standby	0.000	6.415
3) TPCL Gas	4.072	122.372	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	4.559	221.440	1) MSEDCL	344.383	10653.891
D) STATE			2) Mumbai Discoms	44.054	1450.547
1) Thermal	261.575	8033.457	TOTAL STATE	388.437	12104.438
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	6.531	253.136			
3) Gas (A3+B6+C3)	10.390	324.402			
4) Wind	12.022	278.784			
6) SOLAR	6.127	151.110			
TOTAL STATE	296.645	9040.889			

* 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	6236	6347	5719	5449
MSPGCL Hydro	652	338	279	53
MSPGCL Gas	130	129	296	318
MSPGCL Total Generation	7018	6814	6294	5820
Central Sector Receipt	4963	5017	4568	1583
WIND	501	369	270	593
CPP / IPP Thermal	5104	4961	4548	4001
CPP / IPP Gas	0	0	0	0
SOLAR	866	905	0	0
Exchange with Mumbai	-1252	-1206	-1101	-620
MSEDCL DEMAND MET	17200	16860	14579	11377
Load Shedding	0	0	0	0
MSEDCL DEMAND	17200	16860	14579	11377
TPCL GENERATION	848	845	941	660
R-INFRA GENERATION	190	189	190	190
MUMBAI DEMAND	2290	2240	2232	1470
STATE DEMAND MET	19490	19100	16811	12847
STATE DEMAND	19490	19100	16811	12847
Frequency (Hz)	49.96	49.97	49.96	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 06.03 Hrs	49.78 Hz at 08.34 Hrs	49.97	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/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	20.06	0	0
Unit 7	3.52	36.38	155	136
Unit 8	7.67	220.94	400	0
Unit 9	9.51	118.80	491	330
Unit 10	8.17	218.99	420	265
Total	28.87	615.16		
Bhusawal				
Unit 3	0.00	10.78	0	0
Unit 4	8.42	223.92	355	350
Unit 5	8.48	277.95	360	350
Total	16.90	512.66		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	11.08	0	0
Unit 7	0.00	37.54	0	0
Unit 8	4.85	140.45	208	189
Total	4.85	189.06		
Chandrapur				
Unit 3	4.26	121.83	193	165
Unit 4	4.17	120.78	189	162
Unit 5	9.00	267.52	390	352
Unit 6	9.55	243.18	440	360
Unit 7	9.22	262.66	430	360
Unit 8	9.87	290.26	471	362
Unit 9	9.99	289.99	483	360
Total	56.06	1596.22		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.92	152.79	237	198
Total	4.92	152.79		
Khaparkheda				
Unit 1	3.82	44.29	170	150
Unit 2	3.86	114.28	195	155
Unit 3	3.83	114.94	190	155
Unit 4	3.73	109.76	160	140
Unit 5	9.25	260.82	490	365
Total	24.48	644.10		
Nasik				
Unit 3	0.00	108.96	0	0
Unit 4	3.98	99.01	168	164
Unit 5	0.00	0.00	0	0
Total	3.98	207.97		
Uran				
All Units	6.32	202.03	320	129
Total	6.32	202.03		
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)	0.07	2.07	47	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	2.07		
Koyna				
Stage 1-2	1.32	43.58	155	40
Stage 4	0.00	12.50	0	0
Stage 3	0.30	12.41	120	0
Total	1.62	68.49		
Hydro				
KDPH	0.00	11.72	0	0
VTRNA	0.51	10.25	60	0
TILLARI	0.18	6.42	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.17	4.82	80	0
RNGR+BHTSA	0.28	9.26	15	0
BHANDARDRA	0.00	0.01	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.38	13.18	24	13
GHATGHAR	0.84	28.64	250	0
Total	2.36	84.30		
Wind				
Total	12.02	278.78	0	0
Total	12.02	278.78		
CPP				
APML(Mus)	63.20	1976.14	0	0
JSWEL(Mus)	20.79	538.88	0	0
VIPL(Mus)	5.21	268.73	0	0
RPLAMT(Mus)	0.00	270.36	0	0
WPCL(Mus)	0.00	27.41	0	0
Other(Mus)	15.75	443.46	0	0
Total	104.95	3524.99		
SOLAR				
Total	6.13	151.11	0	0
Total	6.13	151.11		
Tata				
Trombay 5	7.06	227.02	315	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.54	77.28	117	73
Trombay 7B	1.54	45.09	68	54
Trombay 8	4.95	142.06	225	200
TATA Hydro	2.55	100.34	302	16
Total	18.63	591.79		
R-INFRA				
DTPS U-1&2	4.56	221.44	191	189
Total	4.56	221.44		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	140.06	3917.95	MSPGCL Total	150.36	4272.77
			MSPGCL Thml+Gas	146.38	4119.98	Koyna 1,2 & 4 Total	1.32	56.08
			MSPGCL Hydro	3.98	152.79	State Total	296.64	9040.89

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/Dec/2018

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	5449	53	318	5820	593	4001	0	0	1950	1583	-620	11377	0	11377	1470	12847	49.99
2	5446	53	318	5817	623	3920	0	0	1935	1912	-515	11757	0	11757	1344	13101	50.03
3	5463	53	319	5835	690	3922	0	0	2096	2101	-474	12074	0	12074	1274	13348	50.02
4	5477	58	318	5853	704	3918	0	0	2421	2268	-444	12299	0	12299	1245	13544	50.04
5	5494	58	317	5869	727	3917	0	0	2830	2558	-453	12618	0	12618	1255	13873	49.99
6	5636	60	320	6016	688	3955	0	0	3215	3487	-561	13585	0	13585	1361	14946	49.98
7	5907	72	320	6299	703	4152	0	5	4323	4004	-670	14493	0	14493	1473	15966	49.97
8	6001	68	311	6380	708	4415	0	81	4656	4830	-759	15655	0	15655	1608	17263	49.95
9	6053	88	316	6457	620	4945	0	354	4826	4780	-826	16330	0	16330	1853	18183	49.90
10	6282	261	228	6771	646	5102	0	643	4893	4753	-956	16959	0	16959	2092	19051	49.92
11	6228	346	143	6717	624	5081	0	781	5056	5142	-1152	17193	0	17193	2247	19440	49.95
12	6236	652	130	7018	501	5104	0	866	5119	4963	-1252	17200	0	17200	2290	19490	49.96
13	6347	338	129	6814	369	4961	0	905	5123	5017	-1206	16860	0	16860	2240	19100	49.97
14	6207	187	141	6535	258	4720	0	850	5064	4982	-1084	16261	0	16261	2092	18353	49.99
15	6182	169	151	6502	246	4426	0	767	5064	5192	-1088	16045	0	16045	2100	18145	49.94
16	6215	124	196	6535	204	4361	0	564	4911	4921	-1041	15544	0	15544	2097	17641	49.90
17	5902	99	219	6220	199	4398	0	278	4866	5048	-1009	15134	0	15134	2094	17228	49.93
18	5688	205	293	6186	188	4467	0	33	4636	4827	-1049	14652	0	14652	2106	16758	49.93
19	5719	279	296	6294	270	4548	0	0	4831	4568	-1101	14579	0	14579	2232	16811	49.96
20	5796	134	298	6228	386	4525	0	0	4779	4468	-1006	14601	0	14601	2204	16805	50.00
21	5807	129	311	6247	378	4199	0	0	3789	3552	-1065	13311	0	13311	2089	15400	50.02
22	5719	154	303	6176	408	4018	0	0	2763	2802	-946	12458	0	12458	1926	14384	49.99
23	5586	129	316	6031	568	3975	0	0	2465	2193	-857	11910	0	11910	1761	13671	50.01
24	5217	214	307	5738	721	3920	0	0	1751	1838	-729	11488	0	11488	1598	13086	50.02
MUs	140.06	3.98	6.32	150.36	12.02	104.95	0.00	6.13	93.36	91.79	-20.86	344.38	0.00	344.38	44.05	388.43	49.97

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/2018

Position as on 6.30 Hrs of 30/Dec/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Nasik Unit 5	210	22/11/2018	03.50		Continued.	Boiler Tube Leakage work completed on 24/11/2018. Available against case 4 from 25/11/2018. Converted to COH from 00:00 Hrs of 05/12/2018 (for 40 Days)	
RINFRA-G	REL Unit 1	250	23/12/2018	06.06		Continued.	For COH.	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		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	
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	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn due to B0 & U-7	
MSPGCL	Paras Unit 3	250	15/09/2018	00.55		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Zero Schedule.	
MSPGCL	Koyana Unit 4	70	03/11/2018	09.02		Continued.	Stator Earth Fault	
MSPGCL	Koyana Unit 1	70	26/11/2018	00.00		Continued.	Oil Cooler Leakage.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 7	250	12/12/2018	00.00		Continued.	ZERO SCHEDULE.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	ZERO SCHEDULE.	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-1	270	14/12/2018	16.00		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-3	270	14/12/2018	16.30		Continued.	Zero Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
MSPGCL	Koradi Unit 6	210	22/12/2018	01.18		Continued.	Bearing Temperature high	
IPP	RPL(AMT) U-2	270	27/12/2018	19.30		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	28/12/2018	19.30		Continued.	Zero Schedule.	
MSPGCL	Nasik Unit 3	210	28/12/2018	22.05		Continued.	Zero Schedule.	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
MSPGCL	Uran Unit 6	108	29/12/2018	09.40	29/12/2018	13.58	For Air Intake Filter Replacement Work.	
IPP	RPL(AMT) U-5	270	29/12/2018	19.30		Continued.	Due To Zero Schedule.	
MSPGCL	Koradi Unit-8	660	29/12/2018	23.01		Continued.	FOR BOILER VALIDITY EXTENSION PCR.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 30/Dec/2018

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							
400 KV Main Bus I @ Ektuni	IntraState	29/12/2018	11.04	29/12/2018	15.40	PO	Replacement Of Faulty Bus Bar Peripheral Unit Of 705(Tie-2) Bay.
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	30/12/2018	23.22		Continued.	PO	Attend alarm of TC1 & TC2 reliefvent.
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	24/12/2018	18.09		Continued.	HT	Over Voltage
Padgha Tarapur II	InterState	28/12/2018	04.48	30/12/2018	09.57	T	Y Phase CT Burst. 30/12/2018 (RFC 12.50).
Dhule Sar'Sarovar II	InterState	29/12/2018	10.30		Continued.	PO	Already out - Maintenance Work. 29/Dec/2018 (RFC 19.30).
Khadka-Aurangabad (Waluj)	IntraState	28/12/2018	18.22	29/12/2018	09.41	HT	Over Voltage
Karad - Jaigad - II	IntraState	28/12/2018	20.00	29/12/2018	09.44	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	28/12/2018	21.38	29/12/2018	07.50	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt-II	IntraState	29/12/2018	09.26	29/12/2018	14.54	PO	Testing And Maintenance Of Bay Equipment's.
Karad-Jaigad - I	IntraState	29/12/2018	17.31		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	29/12/2018	18.06		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	29/12/2018	21.08	30/12/2018	09.53	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	30/12/2018	20.17		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential protection, Declared Faulty.
400/220kv 315MVA ICT-I@Parly	IntraState	24/12/2018	15.40		Continued.	PO	Replacement Of B-PH Unit By Re pared One.
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	27/12/2018	19.06	29/12/2018	20.50	HT	Due To NDR Alram.
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	30/12/2018	16.14	30/12/2018	18.21	HT	NDR alarm charged from HV side.
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	For Bunching Of Conductor at Loc No.86 Disconnecting Of jumper at Loc No.86 to 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To control line loading.
Kalwa-TIFIL	IntraState	27/11/2018	06.06		Continued.	EO	Tapping Of Tifil Substation On 220KV Kharghar-Borivali Line
Padgha-Temghar-II	IntraState	03/12/2018	08.15		Continued.	EO	To control load on Padgha ICTs.
Padgha - Temghar I	IntraState	03/12/2018	08.15		Continued.	EO	To control load on Padgha ICTs.
Bhira Dharavi 7	IntraState	22/12/2018	09.00		Continued.	PO	Errection Of Tower At LOC.124
Trombay - Kalwa	IntraState	24/12/2018	14.50		Continued.	PO	For Replacement Of Rusted Tower.
Trombay - Mulund	IntraState	24/12/2018	15.14		Continued.	PO	For Replacement Of Rusted Tower.
Wpcl-Warora 1	IntraState	27/12/2018	10.16		Continued.	PO	Routine Maintenance Work
Goregaon Aarey Line 2	IntraState	29/12/2018	08.08	29/12/2018	20.13	PO	Diversion Of Line On Mono pole 26B.
Dahanu Ghodbunder Line 2	IntraState	29/12/2018	08.12	29/12/2018	20.41	PO	Preventive Maintenance Work At

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 29/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 30/Dec/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							ADTPS.
Oni Kharepatan Line	IntraState	29/12/2018	08.36	29/12/2018	17.05	PO	Insulator Washing.
Talandage - Sawantwadi I	IntraState	29/12/2018	09.01	29/12/2018	12.54	PO	R-Ph Flash over String Replaced At loc no 182.
Urse - Talegaon (Ambi) Ckt 1	IntraState	29/12/2018	09.18	29/12/2018	18.31	PO	Stn-Dtn Conversion & Double Jumpering Work.
Pophali - Kdph	IntraState	29/12/2018	10.23	29/12/2018	18.30	PO	Washing Insulator.
Pophali - Kdph	IntraState	30/12/2018	10.45	30/12/2018	17.05	PO	Routine Maintenance Work
Chakan I - Chakan II (tap to Volkswagen)	IntraState	30/12/2018	14.19	30/12/2018	15.23	PO	Meter replacement work at volksagan end.
Kandalgaon - ONGC Panvel	IntraState	30/12/2018	15.01	30/12/2018	15.45	T	ONGC end only Y PH E/F Z2.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	29/12/2018	08.48	29/12/2018	08.15	HT	Due To Main Bucholz Alarm, load Affected-Nil other Ict Taken load.
220/132kv 100mva Vijai Ptr No 1 @Baramati	IntraState	29/12/2018	10.15	29/12/2018	13.05	PO	Replacement Of Gear Box Of OLTC And Relay Testing Work.
220/100 Kv 200 Mva Vijai Ict 3 @Trombay	IntraState	30/12/2018	13.14	30/12/2018	13.42	EO	Removing of hanging cloth on LV side R PH bus tube.
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	30/12/2018	13.20	30/12/2018	16.00	PO	LV side R PH bushing oil leakage.

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