

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Dec/2018 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.617	3368.299	1) Gujrat	2.630	37.010
2) Hydro	9.513	135.739	2) Madhya Pradesh	6.785	215.056
3) Gas	7.145	173.854	3) Chattisgarh	4.790	144.650
Total MSPGCL	143.275	3677.892	4) Maharashtra Net	101.958	2323.333
B) 1) APML	72.107	1721.744	5) Goa (Amona)	-0.154	-8.118
2) JSWEL	20.160	453.584	Total	116.009	2711.931
3) VIPL	9.980	235.067	a) Mumbai Schedule	17.759	455.833
4) RPL(AMT)	10.442	247.593	b) Mumbai Drawl	27.509	550.154
5) WPCL	0.000	27.408	c) MSEDCL Bilateral *	21.509	492.766
6) PGPL	0.000	0.000	Include PX	-5.542	-143.846
7) Other IPP	16.038	381.242	d) Mumbai Bilateral *	14.457	449.418
C) 1) TPCL Thermal	13.315	322.072	Include PX	2.187	31.096
2) TPCL Hydro	1.628	84.889	Include Standby	3.303	6.415
3) TPCL Gas	3.907	105.636	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	0.000	203.916	1) MSEDCL	370.245	9265.054
D) STATE			2) Mumbai Discoms	46.359	1266.658
1) Thermal	268.659	6960.925	TOTAL STATE	416.604	10531.712
(A1+C1+C4+(B1-B6))					
2) Hydro	11.141	220.628			
(A2+C2)					
3) Gas	11.052	279.490			
(A3+B6+C3)					
4) Wind	4.727	231.131			
6) SOLAR	5.016	127.616			
TOTAL STATE	300.595	7819.790			

* 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	5604	5605	5563	4790
MSPGCL Hydro	1424	975	74	114
MSPGCL Gas	289	286	292	310
MSPGCL Total Generation	7317	6866	5929	5214
Central Sector Receipt	5840	5720	5305	3666
WIND	186	223	261	48
CPP / IPP Thermal	5765	5771	5629	4826
CPP / IPP Gas	0	0	0	0
SOLAR	769	777	0	0
Exchange with Mumbai	-1408	-1421	-1396	-1029
MSEDCL DEMAND MET	18469	17936	15728	12725
Load Shedding	0	0	0	0
MSEDCL DEMAND	18469	17936	15728	12725
TPCL GENERATION	943	888	892	637
R-INFRA GENERATION	0	0	0	0
MUMBAI DEMAND	2351	2309	2288	1666
STATE DEMAND MET	20820	20245	18016	14391
STATE DEMAND	20820	20245	18016	14391
Frequency (Hz)	49.96	49.96	49.94	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 21.58 Hrs	49.77 Hz at 09.49 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 25/Dec/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	20.06	0	0
Unit 7	3.54	22.77	155	135
Unit 8	9.12	188.21	485	300
Unit 9	0.00	99.88	0	0
Unit 10	9.22	185.19	500	270
Total	21.89	516.11		
Bhusawal				
Unit 3	0.00	10.78	0	0
Unit 4	10.34	188.53	505	350
Unit 5	10.36	242.40	500	350
Total	20.70	441.71		
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	4.75	121.65	234	152
Total	4.75	170.26		
Chandrapur				
Unit 3	4.30	105.28	190	165
Unit 4	4.23	104.56	187	165
Unit 5	9.33	231.36	405	365
Unit 6	0.00	209.24	0	0
Unit 7	9.48	225.77	415	365
Unit 8	10.59	251.39	480	360
Unit 9	10.48	250.80	480	363
Total	48.42	1378.39		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.55	132.79	255	198
Total	5.55	132.79		
Khaparkheda				
Unit 1	3.58	28.84	200	100
Unit 2	3.58	98.88	190	110
Unit 3	3.53	99.40	163	100
Unit 4	1.68	94.62	158	0
Unit 5	8.64	223.07	490	300
Total	21.00	544.81		
Nasik				
Unit 3	4.16	97.28	193	160
Unit 4	0.16	86.95	105	0
Unit 5	0.00	0.00	0	0
Total	4.31	184.23		
Uran				
All Units	7.14	173.85	313	274
Total	7.14	173.85		
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)	0.10	1.89	37	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	1.89		
Koyna				
Stage 1-2	2.48	38.10	365	35
Stage 4	3.14	12.14	750	0
Stage 3	1.13	11.06	240	0
Total	6.75	61.30		
Hydro				
KDPH	0.20	11.72	18	0
VTRNA	0.41	8.18	59	0
TILLARI	0.18	5.88	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	4.22	63	0
RNGR+BHTSA	0.31	8.22	13	12
BHANDARDRA	0.00	0.01	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.34	11.90	15	14
GHATGHAR	1.22	24.30	125	0
Total	2.76	74.44		
Wind				
Total	4.73	231.13	0	0
Total	4.73	231.13		
CPP				
APML(Mus)	72.11	1721.74	0	0
JSWEL(Mus)	20.16	453.58	0	0
VIPL(Mus)	9.98	235.07	0	0
RPLAMT(Mus)	10.44	247.59	0	0
WPCL(Mus)	0.00	27.41	0	0
Other(Mus)	16.04	381.24	0	0
Total	128.73	3066.64		
SOLAR				
Total	5.02	127.62	0	0
Total	5.02	127.62		
Tata				
Trombay 5	8.36	197.63	474	306
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.41	66.77	118	63
Trombay 7B	1.50	38.86	68	50
Trombay 8	4.96	124.44	232	201
TATA Hydro	1.63	84.89	190	13
Total	18.85	512.60		
R-INFRA				
DTPS U-1&2	0.00	203.92	0	0
Total	0.00	203.92		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.62	3368.30	MSPGCL Total	143.28	3677.89
			MSPGCL Thml+Gas	133.76	3542.15	Koyna 1,2 & 4 Total	5.62	50.24
			MSPGCL Hydro	9.51	135.74	State Total	300.60	7819.79

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	4790	114	310	5214	48	4826	0	0	3594	3666	-1029	12725	0	12725	1666	14391	49.99
2	4795	101	300	5196	42	4831	0	0	3838	3719	-931	12857	0	12857	1556	14413	49.93
3	4746	86	310	5142	55	4829	0	0	4201	3953	-849	13130	0	13130	1473	14603	49.96
4	4766	85	302	5153	86	4840	0	0	4273	4551	-811	13819	0	13819	1436	15255	49.95
5	4756	80	312	5148	107	4812	0	0	4549	4685	-803	13949	0	13949	1428	15377	49.96
6	5047	85	312	5444	112	4939	0	0	4953	5032	-892	14635	0	14635	1516	16151	49.95
7	5516	112	303	5931	125	5496	0	5	5329	5135	-968	15724	0	15724	1591	17315	49.98
8	5614	493	313	6420	115	5735	0	56	5435	5924	-958	17292	0	17292	1679	18971	49.90
9	5481	1198	302	6981	149	5795	0	278	5229	5056	-886	17373	0	17373	1870	19243	49.86
10	5589	1215	296	7100	187	5796	0	474	5369	5503	-1108	17952	0	17952	2090	20042	49.88
11	5588	1375	291	7254	203	5773	0	674	5745	5773	-1366	18311	0	18311	2277	20588	49.89
12	5604	1424	289	7317	186	5765	0	769	5807	5840	-1408	18469	0	18469	2351	20820	49.96
13	5605	975	286	6866	223	5771	0	777	5733	5720	-1421	17936	0	17936	2309	20245	49.96
14	5620	362	274	6256	215	5757	0	710	5662	5570	-1320	17188	0	17188	2165	19353	49.97
15	5713	346	283	6342	266	5654	0	589	5464	5480	-1324	17007	0	17007	2144	19151	49.97
16	5593	343	285	6221	260	5572	0	432	5415	5197	-1291	16391	0	16391	2140	18531	49.95
17	5320	450	285	6055	251	5510	0	223	5146	5268	-1259	16048	0	16048	2137	18185	49.90
18	5620	250	290	6160	234	5600	0	29	5022	4803	-1284	15542	0	15542	2151	17693	49.91
19	5563	74	292	5929	261	5629	0	0	5142	5305	-1396	15728	0	15728	2288	18016	49.94
20	5455	67	296	5818	246	5596	0	0	4980	4595	-1393	14862	0	14862	2268	17130	49.97
21	5043	67	296	5406	287	5356	0	0	4425	4372	-1358	14063	0	14063	2177	16240	49.98
22	4969	77	309	5355	324	4999	0	0	4146	3912	-1240	13350	0	13350	2032	15382	50.06
23	4918	67	298	5283	379	4940	0	0	3504	3578	-1175	13005	0	13005	1877	14882	49.98
24	4906	67	311	5284	366	4908	0	0	3275	3372	-1039	12891	0	12891	1738	14629	50.02
MUs	126.62	9.51	7.14	143.27	4.73	128.73	0.00	5.02	116.24	116.01	-27.51	370.25	0.00	370.25	46.36	416.60	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 25/Dec/2018

Position as on 6.30 Hrs of 26/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.	
IPP	JSW (J) U4	300	07/12/2018	01.15	25/12/2018	21.31	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	ZERO SCHEDULE.	
MSPGCL	Parli Unit 7	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 9	660	19/12/2018	21.05		Continued.	Due to PCR,CHP & CW Line blockage work	
MSPGCL	Koradi Unit 6	210	22/12/2018	01.18		Continued.	Bearing Temperature high	
MSPGCL	Chandrapur Unit 6	500	22/12/2018	20.05	26/12/2018	07.09	Boiler Tube Leakage	
MSPGCL	Nasik Unit 4	210	23/12/2018	17.35	25/12/2018	16.09	ID Fan Problem	
RINFRA-G	REL Unit 2	250	24/12/2018	17.48	26/12/2018	04.15	Boiler Tube Leakage	
MSPGCL	Khaparkhedha Unit 4	210	25/12/2018	08.04	25/12/2018	19.58	Furnace Pressure High	
MSPGCL	Nasik Unit 4	210	25/12/2018	17.48	26/12/2018	22.28	HEAVY STEAM LEAKAGE.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 26/Dec/2018

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	24/12/2018	18.09		Continued.	HT	Over Voltage
Koradi Bhilai	InterState	26/12/2018	11.10		Continued.	PO	AMP Work(RFC at 20.00Hrs)
Dhule- Bableshwar - I	IntraState	24/12/2018	10.11	25/12/2018	07.55	PO	Routine Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	24/12/2018	17.53	25/12/2018	08.02	HT	Over Voltage
Karad-Jaigad - I	IntraState	24/12/2018	21.07	25/12/2018	09.23	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	24/12/2018	21.34	25/12/2018	07.58	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	25/12/2018	18.07	26/12/2018	09.35	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	25/12/2018	20.36	26/12/2018	07.27	HT	Over Voltage
Karad - Jaigad - II	IntraState	25/12/2018	20.37	26/12/2018	09.23	HT	Over Voltage
Main Bus I @ Akola	IntraState	26/12/2018	09.34	26/12/2018	16.47	PO	Routine Maintenance Work
Chandrapur-II - Nanded ckt I	IntraState	26/12/2018	10.44		Continued.	PO	Replacement of Polymer String Insulator.
Bhusawal-Aurangabad	IntraState	26/12/2018	17.35		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	26/12/2018	18.30		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	26/12/2018	22.48		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.
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	25/11/2018	00.54		Continued.	T	NDR ALARM CHANGED ON HUMMING AT (30-12-2018 AT 18.21.)
400/220kv 315MVA ICT-I@Parly	IntraState	24/12/2018	15.40		Continued.	PO	Replacement Of B-PH Unit By Re paired One.
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.
Nasik Navsari I	InterState	24/12/2018	17.51	25/12/2018	15.02	T	Distance Protection
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
Kalwa - Siemens	IntraState	27/11/2018	13.13		Continued.	HT	To Shift Load On Kharghar ICT
Padgha - Temghar I	IntraState	03/12/2018	08.15		Continued.	EO	To control load on Padgha ICTs.
Padgha-Temghar-II	IntraState	03/12/2018	08.15		Continued.	EO	To control load on Padgha ICTs.
Taloja li - OCIL-II	IntraState	18/12/2018	12.43		Continued.	PO	REPLACEMENT OF METERING CTs & PTs AT OCIL END.
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.
Nanded - Parli Ext. Ckt I	IntraState	25/12/2018	06.05	25/12/2018	07.01	T	Distance Protection
Ranjangaon-Fiat 1	IntraState	25/12/2018	09.04	25/12/2018	11.05	PO	TAN DELTA MEASUREMENT.
Kharepatan -Pawas Line	IntraState	25/12/2018	09.07	25/12/2018	18.03	HT	INSULATOR STRING CLEANING WORK.

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 25/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 26/Dec/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Pophali - New Koyna	IntraState	25/12/2018	09.10	25/12/2018	17.38	PO	Routine Maintenance Work
Pirangut - Hinjawadi 2	IntraState	25/12/2018	10.08	25/12/2018	18.02	PO	HARDWARE CONVERSION & CHEMICAL WASHING.
Ranjangaon-Fiat 2	IntraState	25/12/2018	11.09	25/12/2018	11.50	PO	TAN DELTA MEASUREMENT.
Paranda-Barshi	IntraState	25/12/2018	11.22	25/12/2018	13.25	PO	Routine Maintenance Work
Kharghar - Tss Panvel	IntraState	26/12/2018	08.21	26/12/2018	17.38	PO	Replacement of Flashover Polymer Insulator
Kharepatan -Pawas Line	IntraState	26/12/2018	09.08	26/12/2018	17.59	PO	Cleaning of Insulator String
Khaparkheda-Kanhan	IntraState	26/12/2018	09.53	26/12/2018	18.58	PO	SCADA Integration work
New Koyna - Pedambe	IntraState	26/12/2018	12.15	26/12/2018	15.17	EO	Y Phase CT Oil Leakage work
Lamboti(solapur)-Karkamb	IntraState	26/12/2018	14.19	26/12/2018	16.43	EO	CRM Testing
220 KV ICT Outages/Trippings							
220/22kv 100MVA T/F-II @ Nalasopara	IntraState	20/12/2018	21.20		Continued.	T	Differential and Buccholz.
220/132kv 100MVA ICT I @Satara Midc	IntraState	25/12/2018	14.20	25/12/2018	15.35	PO	Routine Maintenance Work
220KV/132KV ICT I @ Bhusawal II	IntraState	26/12/2018	08.40	26/12/2018	13.20	PO	Attending Oil Leakage
220/33 Kv 100 Mva Bbl Ptr 2 @Valve	IntraState	26/12/2018	11.31	26/12/2018	20.35	PO	B Phase Bushing replacement work
220/132 kv 100 MVA ICT II @ Butibori	IntraState	26/12/2018	12.17	26/12/2018	18.06	PO	Routine Maintenance Work
132 KV LINE Outages/Trippings							
Partur-Mantha	IntraState	25/12/2018	18.55	25/12/2018	19.20	T	Distance Protection
100 KV LINE Outages/Trippings							
Kandalgaon - Mhasala	IntraState	25/12/2018	15.00	25/12/2018	16.55	PO	INSULATOR STRING FLASH OVER.

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