

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Dec/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.331	3498.630	1) Gujrat	1.589	38.599
2) Hydro	5.018	140.757	2) Madhya Pradesh	5.360	220.416
3) Gas	7.266	181.120	3) Chattisgarh	2.070	146.720
Total MSPGCL	142.615	3820.507	4) Maharashtra Net	100.200	2397.520
B) 1) APML	66.244	1787.988	5) Goa (Amona)	-0.198	-8.316
2) JSWEL	22.026	475.610	Total	109.021	2794.939
3) VIPL	9.701	244.768	a) Mumbai Schedule	22.645	478.478
4) RPL(AMT)	10.011	257.604	b) Mumbai Drawl	23.697	573.851
5) WPCL	0.000	27.408	c) MSEDCL Bilateral *	25.311	518.077
6) PGPL	0.000	0.000	Include PX	-1.593	-145.439
7) Other IPP	15.479	396.721	d) Mumbai Bilateral *	22.645	472.062
C) 1) TPCL Thermal	12.836	334.908	Include PX	1.011	32.107
2) TPCL Hydro	3.724	88.613	Include Standby	0.000	6.415
3) TPCL Gas	4.085	109.721	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	3.761	207.677	1) MSEDCL	367.583	9606.624
D) STATE			2) Mumbai Discoms	48.103	1314.761
1) Thermal	270.389	7231.314	TOTAL STATE	415.686	10921.385
(A1+C1+C4+(B1-B6))					
2) Hydro	8.742	229.370			
(A2+C2)					
3) Gas	11.351	290.841			
(A3+B6+C3)					
4) Wind	10.787	241.918			
6) SOLAR	5.396	133.012			
TOTAL STATE	306.665	8126.455			

* 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 24 Hrs
MSPGCL Thermal	5932	5887	5532	5389
MSPGCL Hydro	505	263	110	67
MSPGCL Gas	295	290	297	315
MSPGCL Total Generation	6732	6440	5939	5771
Central Sector Receipt	5878	5076	4568	2376
WIND	359	580	484	456
CPP / IPP Thermal	6046	5676	5133	4406
CPP / IPP Gas	0	0	0	0
SOLAR	698	801	0	0
Exchange with Mumbai	-1241	-1381	-1122	-726
MSEDCL DEMAND MET	18472	17192	15002	12283
Load Shedding	0	0	0	0
MSEDCL DEMAND	18472	17192	15002	12283
TPCL GENERATION	1086	904	1069	718
R-INFRA GENERATION	194	194	195	195
MUMBAI DEMAND	2521	2479	2386	1639
STATE DEMAND MET	20993	19671	17388	13922
STATE DEMAND	20993	19671	17388	13922
Frequency (Hz)	50.02	49.98	49.98	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 05.02 Hrs	49.81 Hz at 07.33 Hrs	50	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 26/Dec/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	20.06	0	0
Unit 7	3.46	26.24	151	130
Unit 8	8.17	196.38	399	300
Unit 9	0.00	99.88	0	0
Unit 10	8.35	193.54	450	210
Total	19.98	536.09		
Bhusawal				
Unit 3	0.00	10.78	0	0
Unit 4	9.46	197.99	500	350
Unit 5	9.49	251.89	500	350
Total	18.95	460.66		
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	4.51	126.16	218	162
Total	4.51	174.78		
Chandrapur				
Unit 3	4.11	109.38	190	151
Unit 4	4.01	108.57	179	150
Unit 5	9.27	240.62	425	360
Unit 6	5.52	214.76	405	0
Unit 7	9.12	234.89	410	340
Unit 8	9.85	261.24	470	360
Unit 9	9.85	260.65	477	360
Total	51.72	1430.11		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.21	138.00	254	194
Total	5.21	138.00		
Khaparkheda				
Unit 1	4.10	32.94	200	150
Unit 2	3.96	102.83	185	145
Unit 3	4.03	103.44	192	146
Unit 4	3.93	98.55	185	145
Unit 5	9.71	232.78	450	380
Total	25.73	570.54		
Nasik				
Unit 3	4.08	101.36	194	160
Unit 4	0.14	87.08	101	0
Unit 5	0.00	0.00	0	0
Total	4.22	188.45		
Uran				
All Units	7.27	181.12	315	279
Total	7.27	181.12		
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)	0.05	1.94	24	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	1.94		
Koyna				
Stage 1-2	1.52	39.62	335	40
Stage 4	0.36	12.50	196	0
Stage 3	0.48	11.54	80	0
Total	2.36	63.66		
Hydro				
KDPH	0.00	11.72	0	0
VTRNA	0.56	8.74	61	0
TILLARI	0.18	6.06	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.17	4.38	63	0
RNGR+BHTSA	0.28	8.50	14	0
BHANDARDRA	0.00	0.01	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.28	12.19	12	11
GHATGHAR	1.19	25.49	250	0
Total	2.66	77.10		
Wind				
Total	10.79	241.92	0	0
Total	10.79	241.92		
CPP				
APML(Mus)	66.24	1787.99	0	0
JSWEL(Mus)	22.03	475.61	0	0
VIPL(Mus)	9.70	244.77	0	0
RPLAMT(Mus)	10.01	257.60	0	0
WPCL(Mus)	0.00	27.41	0	0
Other(Mus)	15.48	396.72	0	0
Total	123.46	3190.10		
SOLAR				
Total	5.40	133.01	0	0
Total	5.40	133.01		
Tata				
Trombay 5	7.87	205.50	477	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.55	69.33	118	64
Trombay 7B	1.53	40.40	68	51
Trombay 8	4.97	129.41	238	201
TATA Hydro	3.72	88.61	359	0
Total	20.64	533.24		
R-INFRA				
DTPS U-1&2	3.76	207.68	195	0
Total	3.76	207.68		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	130.33	3498.63	MSPGCL Total	142.62	3820.51
			MSPGCL Thml+Gas	137.60	3679.75	Koyna 1,2 & 4 Total	1.88	52.12
			MSPGCL Hydro	5.02	140.76	State Total	306.66	8126.46

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/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	4907	75	302	5284	365	4812	0	0	3409	3345	-943	12863	0	12863	1602	14465	50.01
2	4902	70	312	5284	337	4629	0	0	3559	3712	-848	13114	0	13114	1481	14595	49.95
3	4918	65	313	5296	322	4619	0	0	3960	4074	-782	13529	0	13529	1412	14941	49.96
4	4901	65	304	5270	282	4617	0	0	4091	4254	-782	13641	0	13641	1378	15019	49.97
5	4996	70	314	5380	355	4727	0	0	4458	4605	-715	14352	0	14352	1382	15734	50.05
6	5298	71	315	5684	315	5002	0	0	4802	4979	-704	15276	0	15276	1490	16766	50.03
7	5703	136	305	6144	258	5448	0	5	5297	5212	-804	16263	0	16263	1614	17877	50.01
8	5817	321	315	6453	290	5729	0	58	5664	5452	-817	17165	0	17165	1785	18950	49.96
9	5862	552	304	6718	234	6086	0	288	5278	5133	-926	17533	0	17533	2100	19633	50.02
10	5862	594	310	6766	234	6090	0	547	5383	5537	-1047	18127	0	18127	2359	20486	50.02
11	5932	505	295	6732	359	6046	0	698	5770	5878	-1241	18472	0	18472	2521	20993	50.02
12	5979	426	293	6698	453	5947	0	823	5970	5593	-1386	18128	0	18128	2536	20664	50.03
13	5887	263	290	6440	580	5676	0	801	5682	5076	-1381	17192	0	17192	2479	19671	49.98
14	5546	297	279	6122	704	5414	0	751	5163	4943	-1180	16754	0	16754	2329	19083	50.04
15	5369	252	290	5911	756	5071	0	658	5167	5092	-1128	16360	0	16360	2324	18684	50.01
16	5283	154	289	5726	696	4968	0	504	5079	5181	-1096	15979	0	15979	2325	18304	49.95
17	5336	52	293	5681	647	4991	0	227	4972	4960	-1086	15420	0	15420	2328	17748	49.98
18	5492	129	305	5926	510	5066	0	36	4626	4654	-1080	15112	0	15112	2318	17430	50.00
19	5532	110	297	5939	484	5133	0	0	4694	4568	-1122	15002	0	15002	2386	17388	49.98
20	5429	392	309	6130	575	5091	0	0	4093	4236	-1096	14936	0	14936	2328	17264	49.99
21	5351	136	302	5789	539	4898	0	0	3924	3730	-1051	13905	0	13905	2177	16082	50.02
22	5289	136	312	5737	504	4562	0	0	3239	3616	-931	13488	0	13488	1997	15485	50.00
23	5351	80	303	5734	532	4433	0	0	2895	2815	-825	12689	0	12689	1813	14502	50.02
24	5389	67	315	5771	456	4406	0	0	2682	2376	-726	12283	0	12283	1639	13922	50.02
MUs	130.33	5.02	7.27	142.62	10.79	123.46	0.00	5.40	109.86	109.02	-23.70	367.58	0.00	367.58	48.10	415.69	50.00

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 26/Dec/2018

Position as on 6.30 Hrs of 27/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 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	
RINFRA-G	REL Unit 2	250	24/12/2018	17.48	26/12/2018	04.15	Boiler Tube Leakage	
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 26/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 27/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)
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(RFC 18.27Hrs)
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	Differential protection Bucholz, REF, PRV, CTR Relay R PH unit 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 KV 500MVA ICT-IV @ Babhaleshwar	IntraState	27/12/2018	00.20	27/12/2018	06.03	EO	Chattering in CT switching relay of 500 MVA ICT
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		Continued.	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.
Bhira Dharavi 7	IntraState	22/12/2018	09.00		Continued.	PO	Errrection 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.
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

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 26/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 27/Dec/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV ICT Outages/Trippings							
220/22kV 100MVA T/F-II @ Nalasopara	IntraState	20/12/2018	21.20		Continued.	T	Differential and Buccholz.
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

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