

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Dec/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.270	3744.273	1) Gujrat	2.999	126.315
2) Hydro	6.628	388.058	2) Madhya Pradesh	8.486	293.733
3) Gas	5.406	183.068	3) Chattisgarh	6.580	189.580
Total MSPGCL	143.304	4315.399	4) Maharashtra	116.115	3350.627
B) 1) APML	67.243	1933.846	5) Goa (Amona)	-0.792	-19.470
2) JSWEL	22.666	621.241	Total	133.388	3940.785
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.281	753.871
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.415	807.835
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	23.645	764.958
6) Other IPP	14.757	392.237	Include PX	0.320	138.490
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.281	753.871
C) 1) TPCL Thermal	8.783	268.450	Include PX	8.779	306.997
2) TPCL Hydro	3.294	133.299	Standby	0.000	0.000
3) TPCL Gas	2.355	76.921	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.910	287.728	1) MSEDCL	374.819	10814.559
D) STATE			2) Mumbai Discoms	50.757	1574.233
1) Thermal	254.629	7247.775	TOTAL STATE	425.576	12388.792
(A1+C1+C4+(B1-B6))					
2) Hydro	9.922	521.357			
(A2+C2)					
3) Gas	7.761	259.989			
(A3+B7+C3)					
4) Wind	14.436	279.395			
6) SOLAR	5.440	139.491			
TOTAL STATE	292.188	8448.007			

* 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 3 Hrs
MSPGCL Thermal	6032	5771	5371	5121
MSPGCL Hydro	444	385	301	117
MSPGCL Gas	213	221	221	224
MSPGCL Total Generation	6689	6377	5893	5462
Central Sector Receipt	6911	6805	5784	3764
WIND	564	479	579	615
CPP / IPP Thermal	4982	4899	4777	3661
CPP / IPP Gas	0	0	0	0
SOLAR	761	857	0	0
Exchange with Mumbai	-1477	-1371	-1259	-853
MSEDCL DEMAND MET	18430	18046	15774	12649
Load Shedding	0	0	0	0
MSEDCL DEMAND	18430	18046	15774	12649
TPCL GENERATION	687	734	825	398
AEML GENERATION	375	465	432	372
MUMBAI DEMAND	2539	2570	2516	1623
STATE DEMAND MET	20969	20616	18290	14272
STATE DEMAND	20969	20616	18290	14272
Frequency (Hz)	50.05	49.99	50.01	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 17.02 Hrs	49.82 Hz at 21.01 Hrs	50.01	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 28/Dec/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	12.36	315.06	630	360
Unit 9	0.00	284.64	0	0
Unit 10	9.85	171.40	480	205
Total	22.22	771.10		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.96	188.04	440	355
Unit 5	0.00	200.48	0	0
Total	8.96	388.52		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.12	151.58	250	195
Unit 7	5.02	124.96	248	187
Unit 8	5.22	119.48	250	192
Total	15.36	396.02		
Chandrapur				
Unit 3	3.97	117.35	187	155
Unit 4	3.96	91.17	180	140
Unit 5	8.48	244.00	365	330
Unit 6	9.44	262.38	450	355
Unit 7	0.00	0.00	0	0
Unit 8	9.70	291.46	465	360
Unit 9	9.95	289.14	480	350
Total	45.50	1295.49		
Paras				
Unit 3	4.89	80.98	245	49
Unit 4	5.20	81.53	250	189
Total	10.09	162.51		
Khaparkheda				
Unit 1	3.95	73.56	185	155
Unit 2	4.00	77.61	190	160
Unit 3	4.00	78.32	195	158
Unit 4	4.02	114.13	195	160
Unit 5	9.24	274.82	450	355
Total	25.21	618.43		
Nasik				
Unit 3	3.93	65.44	190	159
Unit 4	0.00	0.00	0	0
Unit 5	0.00	46.76	0	0
Total	3.93	112.20		
Uran				
All Units	5.41	183.07	300	130
Total	5.41	183.07		
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)	0.02	2.12	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	2.12		
Koyna				
Stage 1-2	2.47	110.16	325	35
Stage 4	0.29	170.94	254	0
Stage 3	0.69	59.30	156	0
Total	3.45	340.40		
Hydro				
KDPH	0.74	3.92	37	18
VTRNA	0.00	0.00	0	0
TILLARI	0.42	5.29	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	7.84	77	0
RNGR+BHTSA	0.39	10.55	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.94	9.40	50	36
GHATGHAR	0.55	10.66	125	0
Total	3.18	47.66		
Wind				
Total	14.44	279.40	0	0
Total	14.44	279.40		
CPP				
APML(Mus)	67.24	1933.85	0	0
JSWEL(Mus)	22.67	621.24	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	14.76	392.24	0	0
Total	104.67	2947.32		
SOLAR				
Total	5.44	139.49	0	0
Total	5.44	139.49		
Tata				
Trombay 5	8.78	268.35	477	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.29	44.14	61	44
Trombay 7B	1.06	32.79	49	38
Trombay 8	0.00	0.10	0	0
TATA Hydro	3.29	133.30	343	0
Total	14.43	478.67		
AEML				
DTPS U-1&2	9.91	287.73	502	371
Total	9.91	287.73		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	131.27	3744.27	MSPGCL Total	143.30	4315.40
			MSPGCL Thml+Gas	136.68	3927.34	Koyna 1,2 & 4 Total	2.76	281.10
			MSPGCL Hydro	6.63	388.06	State Total	292.19	8448.01

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/Dec/2019

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	4940	107	235	5282	822	3639	0	0	4398	4444	-1065	13122	0	13122	1835	14957	50.04
2	5031	107	215	5353	677	3645	0	0	4250	4048	-926	12797	0	12797	1699	14496	50.00
3	5121	117	224	5462	615	3661	0	0	3835	3764	-853	12649	0	12649	1623	14272	50.03
4	5122	107	225	5454	605	3644	0	0	3671	3832	-793	12742	0	12742	1564	14306	50.02
5	5117	367	214	5698	538	3628	0	0	3868	4239	-786	13317	0	13317	1557	14874	50.03
6	5242	217	235	5694	527	3776	0	0	5101	5494	-866	14625	0	14625	1636	16261	50.05
7	5757	187	224	6168	600	4243	0	3	5824	5887	-915	15986	0	15986	1718	17704	50.03
8	5965	112	254	6331	695	4567	0	61	6187	6542	-959	17237	0	17237	1808	19045	50.05
9	6016	125	300	6441	735	4702	0	240	6275	6530	-1013	17635	0	17635	1990	19625	49.96
10	6077	187	279	6543	791	4907	0	504	6339	6228	-963	18010	0	18010	2263	20273	49.94
11	5903	257	257	6417	702	4926	0	639	6668	6701	-1295	18090	0	18090	2468	20558	50.02
12	6032	444	213	6689	564	4982	0	761	6785	6911	-1477	18430	0	18430	2539	20969	50.05
13	5771	385	221	6377	479	4899	0	857	6861	6805	-1371	18046	0	18046	2570	20616	49.99
14	5482	347	218	6047	362	4787	0	832	6558	6724	-1285	17467	0	17467	2434	19901	49.99
15	5529	679	217	6425	305	4831	0	671	6590	6744	-1289	17687	0	17687	2435	20122	49.95
16	5625	369	232	6226	318	4934	0	554	6758	6572	-1158	17446	0	17446	2447	19893	49.97
17	5662	484	222	6368	283	4958	0	272	6066	6207	-1028	17060	0	17060	2431	19491	50.00
18	5968	271	222	6461	359	4966	0	46	5765	5474	-1031	16275	0	16275	2423	18698	50.04
19	5371	301	221	5893	579	4777	0	0	5679	5784	-1259	15774	0	15774	2516	18290	50.01
20	5169	684	212	6065	707	4600	0	0	5273	5298	-1307	15363	0	15363	2448	17811	50.00
21	5140	226	222	5588	779	4194	0	0	5082	5148	-1210	14499	0	14499	2302	16801	50.01
22	5149	220	222	5591	835	3821	0	0	4800	4700	-1240	13707	0	13707	2143	15850	49.98
23	5131	129	192	5452	805	3804	0	0	4537	4672	-1216	13517	0	13517	2009	15526	50.01
24	4950	199	130	5279	754	3775	0	0	4274	4640	-1110	13338	0	13338	1899	15237	50.02
MUs	131.27	6.63	5.41	143.30	14.44	104.67	0.00	5.44	131.44	133.39	-26.41	374.82	0.00	374.82	50.76	425.58	50.01

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 28/Dec/2019

Position as on 6.30 Hrs of 29/Dec/2019

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	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
MSPGCL	Ghatghar Unit-1	125	25/09/2019	04.20		Continued.	Withdrawn on shaft seal water leakage. Converted to AOH from 1 Nov 2019.	
MSPGCL	Koyna Unit 7	80	31/10/2019	16.30		Continued.	Turbine Vibration(converted to Capital Overhaul for 60 Days from 09.00Hrs DT.01-11-2019)	
MSPGCL	Nasik Unit 4	210	20/11/2019	04.15		Continued.	ID Fan problem(Converted for Zero Schedule from 05.00hrs DT. 21-11-2019 and continued for Annual Overhaul From 01.12.2019	
TPC_G	Trombay 8	250	01/12/2019	00.50		Continued.	Annual Overhaul	
FORCED OUTAGE								
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	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 20.00 hrs)	
IPP	RPL(AMT) U-1	270	01/09/2019	09.11		Continued.	Generator Protection operated	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule	
IPP	RPL(AMT) U-3	270	25/10/2019	02.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	25/10/2019	22.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	09/11/2019	03.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	30/11/2019	19.14		Continued.	Over Speed Bolt Trip.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan problem (Under Case 4 Bidding from 04.25Hrs DT. 13-12-2019)	
MSPGCL	Bhusawal Unit 5	500	23/12/2019	22.05		Continued.	Boiler Tube Leakage(Converted to Zero Schedule from 22.00Hrs DT. 26-12-2019)	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 28/Dec/2019

Position as on 6.30 Hrs of 29/Dec/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 9	660	26/12/2019	00.45		Continued.	RAPH A motor drive trip	
MSPGCL	Uran Unit 6	108	28/12/2019	14.34		Continued.	Gas shortage	
MSPGCL	Uran Unit 7	108	28/12/2019	22:48		Continued.	Gas shortage	
MSPGCL	Uran Unit B0	120	28/12/2019	22:48		Continued.	Gas shortage	
MSPGCL	Paras Unit 3	250	28/12/2019	23:18		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 4	500	29/12/2019	00.57		Continued.	Zero Schedule	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Dec/2019

Statement-VII

Position as on 6.30 Hrs of 29/Dec/2019

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	27/12/2019	16.46	28/12/2019	08:09	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	28/12/2019	18.40	29/12/2019	07.11	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	29/12/2019	17.53		Continued.	HT	Over Voltage
Akola - Bhusawal	IntraState	18/12/2019	19.00		Continued.	PO	Restrining for Railway work
Padghe - Kalwa-II	IntraState	25/12/2019	10.31		Continued.	PO	MMRDA Shifting/Height raising construction work
Koradi-RattanIndia	IntraState	27/12/2019	21.43	28/12/2019	07:39	T	Over Voltage
Padghe - Nagothane - I	IntraState	28/12/2019	07:54	28/12/2019	08:38	PO	Bus Outage at Padghe.
Dhule- Bableshwar - I	IntraState	29/12/2019	23.11		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.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.(close at Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Kharepatan -Pawas Line	IntraState	28/12/2019	07:43	28/12/2019	18:18	PO	Washing of Insulator String.
Dondaicha- Shahada	IntraState	28/12/2019	08.54	28/12/2019	20.18	PO	Jumper Connection Work And Maintenance Work.
Kharghar-Borivali ckt II	IntraState	28/12/2019	08:25	28/12/2019	18:25	PO	Construction work Load Diversion.
Pedambe-Pophali	IntraState	28/12/2019	09.50	28/12/2019	10.05	PO	SF 6 GAS Filling Work.
Deepnagar Bambhori	IntraState	28/12/2019	10.07	28/12/2019	13.05	PO	For Replacement Of R-Phase Conductor From Gantry To Tower no:1 At 220KV Bambhori S/Stn End.
Hinjawadi I- Chinchwad	IntraState	28/12/2019	10:17	28/12/2019	17:22	PO	Load Management purpose.
Sahara-Urse	IntraState	28/12/2019	11:10	28/12/2019	17:19	PO	Load Management.
MAHAPE - RELIANCE GIS	IntraState	28/12/2019	18.27		Continued.	HT	At Mahape End For New Configuration.
Bhira Dharavi 7	IntraState	29/12/2019	06.49	29/12/2019	18.48	PO	Testing Work
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Ict 1 @Bhokardan	IntraState	28/12/2019	11.15	28/12/2019	19.19	PO	Testing & Maintenance O Transforme.

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