

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Dec/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.400	3613.003	1) Gujrat	3.239	123.316
2) Hydro	6.675	381.430	2) Madhya Pradesh	10.042	285.247
3) Gas	5.614	177.662	3) Chattisgarh	7.160	183.000
Total MSPGCL	134.689	4172.095	4) Maharashtra	131.212	3234.512
B) 1) APMIL	69.853	1866.603	5) Goa (Amona)	-0.792	-18.678
2) JSWEL	23.120	598.575	Total	150.861	3807.397
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.547	732.590
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	31.649	781.420
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	27.253	741.313
6) Other IPP	14.385	377.480	Include PX	3.865	138.170
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.547	732.590
C) 1) TPCL Thermal	9.223	259.667	Include PX	15.481	298.219
2) TPCL Hydro	4.355	130.005	Standby	0.000	0.000
3) TPCL Gas	2.547	74.566	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.716	277.818	1) MSEDCL	374.912	10439.740
D) STATE			2) Mumbai Discoms	53.490	1523.476
1) Thermal	244.697	6993.146	TOTAL STATE	428.402	11963.216
(A1+C1+C4+(B1-B6))					
2) Hydro	11.030	511.435			
(A2+C2)					
3) Gas	8.161	252.228			
(A3+B7+C3)					
4) Wind	8.677	264.959			
6) SOLAR	4.976	134.051			
TOTAL STATE	277.541	8155.819			

* 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	5384	5364	5298	4637
MSPGCL Hydro	270	435	162	87
MSPGCL Gas	282	222	225	224
MSPGCL Total Generation	5936	6021	5685	4948
Central Sector Receipt	7966	7465	6270	5417
WIND	252	238	347	326
CPP / IPP Thermal	4932	5043	4921	3597
CPP / IPP Gas	0	0	0	0
SOLAR	714	779	0	0
Exchange with Mumbai	-1611	-1595	-1586	-950
MSEDCL DEMAND MET	18189	17951	15637	13338
Load Shedding	0	0	0	0
MSEDCL DEMAND	18189	17951	15637	13338
TPCL GENERATION	958	925	854	411
AEML GENERATION	211	223	208	191
MUMBAI DEMAND	2780	2743	2648	1552
STATE DEMAND MET	20969	20694	18285	14890
STATE DEMAND	20969	20694	18285	14890
Frequency (Hz)	49.99	49.98	50.02	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 22.01 Hrs	49.81 Hz at 07.51 Hrs	50.02	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 27/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	11.49	302.70	530	400
Unit 9	0.00	284.64	0	0
Unit 10	0.29	161.55	152	0
Total	11.78	748.89		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.14	179.08	500	355
Unit 5	0.00	200.48	0	0
Total	10.14	379.56		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.20	146.46	245	190
Unit 7	5.40	119.94	248	187
Unit 8	5.34	114.26	250	189
Total	15.95	380.65		
Chandrapur				
Unit 3	3.71	113.38	161	146
Unit 4	3.46	87.21	160	130
Unit 5	8.72	235.52	370	350
Unit 6	10.29	252.93	480	351
Unit 7	0.00	0.00	0	0
Unit 8	10.49	281.75	496	360
Unit 9	10.14	279.19	480	360
Total	46.81	1249.99		
Paras				
Unit 3	3.83	76.09	180	135
Unit 4	3.11	76.33	184	0
Total	6.94	152.42		
Khaparkheda				
Unit 1	4.08	69.61	185	150
Unit 2	4.16	73.61	190	160
Unit 3	4.23	74.31	195	158
Unit 4	4.08	110.11	183	160
Unit 5	10.17	265.58	490	360
Total	26.73	593.22		
Nasik				
Unit 3	4.06	61.51	195	155
Unit 4	0.00	0.00	0	0
Unit 5	0.00	46.76	0	0
Total	4.06	108.27		
Uran				
All Units	5.61	177.66	290	215
Total	5.61	177.66		
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	2.09	41	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	2.09		
Koyna				
Stage 1-2	2.42	107.69	345	35
Stage 4	1.44	170.65	493	0
Stage 3	0.40	58.61	80	0
Total	4.26	336.95		
Hydro				
KDPH	0.44	3.18	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.54	4.87	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	7.70	77	0
RNGR+BHTSA	0.39	10.17	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.44	8.46	19	18
GHATGHAR	0.35	10.11	125	0
Total	2.42	44.48		
Wind				
Total	8.68	264.96	0	0
Total	8.68	264.96		
CPP				
APML(Mus)	69.85	1866.60	0	0
JSWEL(Mus)	23.12	598.58	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)	14.38	377.48	0	0
Total	107.36	2842.66		
SOLAR				
Total	4.98	134.05	0	0
Total	4.98	134.05		
Tata				
Trombay 5	9.22	259.57	475	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.41	42.84	68	43
Trombay 7B	1.13	31.72	52	37
Trombay 8	0.00	0.10	0	0
TATA Hydro	4.36	130.00	407	14
Total	16.12	464.24		
AEML				
DTPS U-1&2	5.72	277.82	376	190
Total	5.72	277.82		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	122.40	3613.00	MSPGCL Total	134.69	4172.10
			MSPGCL Thml+Gas	128.01	3790.66	Koyna 1,2 & 4 Total	3.86	278.34
			MSPGCL Hydro	6.68	381.43	State Total	277.54	8155.82

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	4650	97	234	4981	196	3850	0	0	5796	5900	-1210	13717	0	13717	1809	15526	50.03
2	4651	87	215	4953	242	3791	0	0	5703	5525	-1084	13427	0	13427	1684	15111	50.05
3	4644	97	224	4965	310	3671	0	0	5632	5415	-1006	13355	0	13355	1606	14961	50.03
4	4637	87	224	4948	326	3597	0	0	5348	5417	-950	13338	0	13338	1552	14890	50.03
5	4679	87	225	4991	314	3696	0	0	5780	5687	-950	13738	0	13738	1550	15288	50.06
6	5154	87	215	5456	346	4196	0	0	5978	6113	-1021	15090	0	15090	1637	16727	50.04
7	5331	149	233	5713	380	4453	0	1	6674	6633	-1042	16138	0	16138	1738	17876	50.02
8	5315	528	234	6077	345	4720	0	35	6823	6996	-916	17257	0	17257	1904	19161	49.94
9	5319	1070	281	6670	293	4819	0	189	6812	6792	-1056	17707	0	17707	2211	19918	49.99
10	5316	865	290	6471	325	4681	0	451	7177	7144	-1262	17810	0	17810	2491	20301	49.97
11	5332	592	277	6201	263	5001	0	617	7409	7049	-1470	17661	0	17661	2708	20369	50.03
12	5384	270	282	5936	252	4932	0	714	7785	7966	-1611	18189	0	18189	2780	20969	49.99
13	5364	435	222	6021	238	5043	0	779	7501	7465	-1595	17951	0	17951	2743	20694	49.98
14	5354	248	224	5826	236	5098	0	760	7497	7378	-1661	17637	0	17637	2617	20254	50.04
15	5327	163	234	5724	187	4996	0	648	7480	7580	-1679	17456	0	17456	2622	20078	50.01
16	5432	303	215	5950	199	4967	0	510	7312	7306	-1588	17344	0	17344	2659	20003	50.01
17	5396	384	224	6004	150	4954	0	232	6414	6685	-1534	16491	0	16491	2664	19155	49.99
18	5383	389	225	5997	215	4994	0	40	6026	6050	-1431	15865	0	15865	2626	18491	50.03
19	5298	162	225	5685	347	4921	0	0	5966	6270	-1586	15637	0	15637	2648	18285	50.02
20	5103	201	224	5528	462	4901	0	0	5732	5654	-1598	14947	0	14947	2547	17494	50.05
21	4900	89	224	5213	587	4562	0	0	5559	5379	-1496	14245	0	14245	2417	16662	50.02
22	4795	95	225	5115	799	4026	0	0	5525	5239	-1418	13761	0	13761	2243	16004	50.06
23	4773	95	215	5083	848	3750	0	0	4944	4835	-1301	13215	0	13215	2077	15292	50.04
24	4863	95	223	5181	817	3739	0	0	4554	4383	-1184	12936	0	12936	1957	14893	50.02
MUs	122.40	6.68	5.61	134.69	8.68	107.36	0.00	4.98	151.43	150.86	-31.65	374.91	0.00	374.91	53.49	428.40	50.02

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 27/Dec/2019

Position as on 6.30 Hrs of 28/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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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	Koradi Unit 10	660	21/12/2019	16.57	27/12/2019	20.15	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 5	500	23/12/2019	22.05		Continued.	Boiler Tube Leakage(Converted to Zero	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 27/Dec/2019

Position as on 6.30 Hrs of 28/Dec/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							Schedule from 22.00Hrs DT. 26-12-2019)	
MSPGCL	Koradi Unit 9	660	26/12/2019	00.45		Continued.	RAPH A motor drive trip	
AEML	AEML Unit 1	250	26/12/2019	00.58	27/12/2019	19.51	Boiler Tube Leakage	
MSPGCL	Paras Unit 4	250	27/12/2019	06.28	27/12/2019	11.20	ID Fan Problem	
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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Dec/2019

Statement-VII

Position as on 6.30 Hrs of 28/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 II	InterState	26/12/2019	18.07	27/12/2019	08.22	HT	Over Voltage
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		Continued.	HT	Over Voltage
Akola - Bhusawal	IntraState	18/12/2019	19.00		Continued.	PO	Restranging for Railway work
Padghe - Kalwa-II	IntraState	25/12/2019	10.31		Continued.	PO	MMRDA Shifting/Height raising construction work
Warora-Adani (Tiroda) 2	IntraState	27/12/2019	08.23	27/12/2019	18.50	PO	Routine Maintenance 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.
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	27/12/2019	08.15	27/12/2019	18.51	PO	Insulator Washing Work.
Eklahare (Gcr)(Nashik)- Ghatghar	IntraState	27/12/2019	09.03	27/12/2019	19.37	PO	Routine Maintenance Work
Khaparkheda-Ambazari-Ii	IntraState	27/12/2019	10.08	27/12/2019	15.27	PO	Coal Pipe Conveyor Galleries Erection Work Carried out at 210MW Khaparkheda Power Station(MSPGCL).
ANANDNAGAR - PALAVA	IntraState	27/12/2019	10.10	27/12/2019	18.40	PO	Daignostic Testing Work.
K'Kheda- Suryalakshmi	IntraState	27/12/2019	11.17	27/12/2019	15.43	PO	Coal Pipe Conveyor Galleries Erection Work Carried out at 210MW Khaparkheda Power Station(MSPGCL).
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.
220 KV ICT Outages/Trippings							
220kv 200MVA ICT IV @ OCR Nashik	IntraState	27/12/2019	09.30	27/12/2019	19.42	PO	Routine Maintenance Work
220/33kv 125 MVA Transformer 2 @Saki R/S	IntraState	27/12/2019	10.01	27/12/2019	14.42	PO	Annual Maintenance Work
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