

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Dec/2019 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.513	3490.603	1) Gujrat	3.650	120.077
2) Hydro	7.680	374.755	2) Madhya Pradesh	9.647	275.205
3) Gas	5.909	172.048	3) Chattisgarh	7.150	175.840
Total MSPGCL	138.102	4037.406	4) Maharashtra	131.469	3103.300
B) 1) APML	71.538	1796.750	5) Goa (Amona)	-0.660	-17.886
2) JSWEL	24.607	575.455	Total	151.256	3656.536
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.169	703.043
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	33.290	749.771
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	31.978	714.060
6) Other IPP	15.155	363.095	Include PX	4.835	134.304
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.169	703.043
C) 1) TPCL Thermal	9.341	250.444	Include PX	12.616	282.738
2) TPCL Hydro	4.326	125.650	Standby	0.000	0.000
3) TPCL Gas	2.581	72.019	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.497	272.102	1) MSEDCL	372.755	10064.828
D) STATE			2) Mumbai Discoms	55.035	1469.986
1) Thermal	250.651	6748.449	TOTAL STATE	427.790	11534.814
(A1+C1+C4+(B1-B6))					
2) Hydro	12.006	500.405			
(A2+C2)					
3) Gas	8.490	244.067			
(A3+B7+C3)					
4) Wind	2.502	256.282			
6) SOLAR	2.885	129.075			
TOTAL STATE	276.534	7878.278			

* 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	5403	5487	5682	4461
MSPGCL Hydro	1093	928	122	87
MSPGCL Gas	279	273	216	215
MSPGCL Total Generation	6775	6688	6020	4763
Central Sector Receipt	7421	7343	6046	5286
WIND	135	131	86	102
CPP / IPP Thermal	5112	5093	5008	3863
CPP / IPP Gas	0	0	0	0
SOLAR	460	537	0	0
Exchange with Mumbai	-1758	-1726	-1346	-1045
MSEDCL DEMAND MET	18145	18066	15814	12969
Load Shedding	0	0	0	0
MSEDCL DEMAND	18145	18066	15814	12969
TPCL GENERATION	995	834	978	409
AEML GENERATION	251	251	250	192
MUMBAI DEMAND	3004	2811	2574	1646
STATE DEMAND MET	21149	20877	18388	14615
STATE DEMAND	21149	20877	18388	14615
Frequency (Hz)	49.98	50.03	50.04	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.26 Hz at 22.01 Hrs	49.69 Hz at 11.10 Hrs	50.03	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/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	11.07	291.22	550	365
Unit 9	0.34	284.64	345	0
Unit 10	0.00	161.26	0	0
Total	11.42	737.11		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.84	168.94	500	355
Unit 5	0.00	200.48	0	0
Total	9.84	369.42		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.47	141.26	250	196
Unit 7	5.41	114.53	248	198
Unit 8	5.28	108.91	250	190
Total	16.16	364.70		
Chandrapur				
Unit 3	3.88	109.67	186	146
Unit 4	2.61	83.75	162	22
Unit 5	8.66	226.80	365	350
Unit 6	10.41	242.64	475	360
Unit 7	0.00	0.00	0	0
Unit 8	10.82	271.26	490	360
Unit 9	10.36	269.06	480	360
Total	46.74	1203.18		
Paras				
Unit 3	4.85	72.26	236	165
Unit 4	4.76	73.22	220	154
Total	9.61	145.48		
Khaparkheda				
Unit 1	4.03	65.53	185	150
Unit 2	4.18	69.44	190	155
Unit 3	4.17	70.08	195	158
Unit 4	4.26	106.03	195	160
Unit 5	10.08	255.42	480	362
Total	26.72	566.50		
Nasik				
Unit 3	4.03	57.45	192	155
Unit 4	0.00	0.00	0	0
Unit 5	0.00	46.76	0	0
Total	4.03	104.21		
Uran				
All Units	5.91	172.05	314	213
Total	5.91	172.05		
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)	0.13	1.99	49	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.13	1.99		
Koyna				
Stage 1-2	2.69	105.27	435	35
Stage 4	1.75	169.22	515	0
Stage 3	0.91	58.21	160	0
Total	5.34	332.69		
Hydro				
KDPH	0.44	2.74	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.52	4.33	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	7.44	80	0
RNGR+BHTSA	0.39	9.78	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.46	8.02	29	16
GHATGHAR	0.31	9.76	125	0
Total	2.34	42.06		
Wind				
Total	2.50	256.28	0	0
Total	2.50	256.28		
CPP				
APML(Mus)	71.54	1796.75	0	0
JSWEL(Mus)	24.61	575.46	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)	15.16	363.10	0	0
Total	111.30	2735.30		
SOLAR				
Total	2.88	129.08	0	0
Total	2.88	129.08		
Tata				
Trombay 5	9.34	250.34	473	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.43	41.43	62	58
Trombay 7B	1.15	30.59	49	47
Trombay 8	0.00	0.10	0	0
TATA Hydro	4.33	125.65	418	0
Total	16.25	448.11		
AEML				
DTPS U-1&2	5.50	272.10	338	191
Total	5.50	272.10		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	124.51	3490.60	MSPGCL Total	138.10	4037.41
			MSPGCL Thml+Gas	130.42	3662.65	Koyna 1,2 & 4 Total	4.44	274.49
			MSPGCL Hydro	7.68	374.76	State Total	276.53	7878.28

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/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	4811	143	213	5167	98	3724	0	0	5488	5618	-1229	13378	0	13378	1976	15354	49.99
2	4465	323	224	5012	140	3831	0	0	5535	5415	-1225	13173	0	13173	1827	15000	50.01
3	4444	93	236	4773	99	3869	0	0	5512	5400	-1112	13029	0	13029	1712	14741	50.01
4	4461	87	215	4763	102	3863	0	0	5452	5286	-1045	12969	0	12969	1646	14615	50.04
5	4599	102	225	4926	85	3901	0	0	5527	5605	-1038	13479	0	13479	1638	15117	50.05
6	4994	87	226	5307	87	4342	0	0	5867	5969	-1117	14588	0	14588	1722	16310	50.04
7	5257	91	225	5573	91	4680	0	1	6829	6453	-1176	15622	0	15622	1867	17489	50.04
8	5262	484	280	6026	46	4786	0	27	6702	6681	-1158	16408	0	16408	2044	18452	50.06
9	5407	626	284	6317	57	5016	0	81	6549	6660	-1272	16859	0	16859	2353	19212	50.10
10	5536	772	296	6604	70	5109	0	102	6577	6717	-1447	17155	0	17155	2668	19823	50.03
11	5488	696	302	6486	88	5033	0	350	7155	7312	-1723	17546	0	17546	2880	20426	49.98
12	5403	1093	279	6775	135	5112	0	460	7511	7421	-1758	18145	0	18145	3004	21149	49.98
13	5487	928	273	6688	131	5093	0	537	7404	7343	-1726	18066	0	18066	2811	20877	50.03
14	5626	379	214	6219	132	5092	0	505	7456	7353	-1804	17497	0	17497	2683	20180	50.04
15	5611	264	224	6099	135	5103	0	402	7506	7536	-1717	17558	0	17558	2671	20229	50.04
16	5622	225	224	6071	138	5084	0	263	7367	7360	-1550	17366	0	17366	2678	20044	50.01
17	5626	302	224	6152	95	5110	0	135	6468	6723	-1392	16823	0	16823	2633	19456	50.01
18	5673	320	235	6228	82	5122	0	22	5972	5865	-1336	15983	0	15983	2560	18543	50.02
19	5682	122	216	6020	86	5008	0	0	5920	6046	-1346	15814	0	15814	2574	18388	50.04
20	5534	133	258	5925	123	4966	0	0	5769	5722	-1339	15397	0	15397	2513	17910	50.04
21	5082	140	314	5536	119	4690	0	0	5557	5671	-1451	14565	0	14565	2360	16925	50.00
22	4971	100	273	5344	102	4366	0	0	5804	5698	-1522	13988	0	13988	2205	16193	50.08
23	4785	85	225	5095	125	4233	0	0	5827	5836	-1458	13831	0	13831	2067	15898	50.05
24	4687	85	224	4996	136	4167	0	0	5527	5566	-1349	13516	0	13516	1943	15459	50.05
MUs	124.51	7.68	5.91	138.10	2.50	111.30	0.00	2.89	151.28	151.26	-33.29	372.75	0.00	372.75	55.03	427.79	50.03

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/2019

Position as on 6.30 Hrs of 27/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 By MSEDCL.	
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	Uran Unit 5	108	18/12/2019	13.01	26/12/2019	18.54	Turbine bearing Vibration high	
MSPGCL	Koradi Unit 10	660	21/12/2019	16.57		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Dec/2019

Position as on 6.30 Hrs of 27/Dec/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 4	210	23/12/2019	15.39	26/12/2019	04.01	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 5	500	23/12/2019	22.05		Continued.	Boiler Tube Leakage	
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		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 4	250	27/12/2019	06.28		Continued.	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Dec/2019

Statement-VII

Position as on 6.30 Hrs of 27/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	24/12/2019	18.21	26/12/2019	08.26	HT	Over Voltage
Chakan Talegaon(Pg)	InterState	26/12/2019	04.16	26/12/2019	14.58	T	Distance Protection
Dhule Sar'Sarovar II	InterState	26/12/2019	18.07		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-Tirora-I	IntraState	26/12/2019	09.25	26/12/2019	19.43	PO	Annual Maintenance Work
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 Kv 500 MVA ICT II @Jejuri	IntraState	26/12/2019	11.14	26/12/2019	22.04	PO	Annual Testing & Maint Work.
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)
Butibori-Abhijeet	IntraState	26/12/2019	03.48	26/12/2019	04.18	T	BB-Y/Z1/4.78KA/21.7KM ABJ-NO INDI/TRIP
Butibori-Abhijeet	IntraState	26/12/2019	05.57	26/12/2019	06.10	T	BB-Y/Z1/4.78KA/21.7KM ABJ-NO INDI/TRIP
Kharepatan -Pawas Line	IntraState	26/12/2019	08.25	26/12/2019	17.54	PO	Washing Of insulator String Line.
Eklahare (Gcr)(Nashik)- Ghatghar	IntraState	26/12/2019	09.13	26/12/2019	19.05	PO	Replacement Of OLD Disk Insulator.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	26/12/2019	10.41	26/12/2019	13.15	PO	Insulator String Replacement.
Nanded-Parbhani	IntraState	26/12/2019	12.05	26/12/2019	15.07	PO	To attend Hot Spot
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	26/12/2019	09.40	26/12/2019	18.38	PO	R M Work & Diagnostic Test.

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