

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Dec/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.495	3863.768	1) Gujrat	3.129	129.444
2) Hydro	15.402	403.460	2) Madhya Pradesh	9.017	302.750
3) Gas	3.282	186.350	3) Chattisgarh	7.160	196.740
Total MSPGCL	138.179	4453.578	4) Maharashtra	112.770	3463.397
B) 1) APLM	68.351	2002.197	5) Goa (Amona)	-0.572	-20.042
2) JSWEL	22.919	644.160	Total	131.504	4072.289
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.927	772.798
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	20.479	828.314
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	23.794	788.752
6) Other IPP	14.211	406.448	Include PX	0.140	138.629
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.927	772.798
C) 1) TPCL Thermal	10.170	278.620	Include PX	6.878	313.875
2) TPCL Hydro	1.444	134.743	Standby	0.000	0.000
3) TPCL Gas	2.434	79.355	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.070	298.798	1) MSEDCL	369.752	11184.311
D) STATE			2) Mumbai Discoms	45.597	1619.830
1) Thermal	246.216	7493.991	TOTAL STATE	415.349	12804.141
(A1+C1+C4+(B1-B6))					
2) Hydro	16.846	538.203			
(A2+C2)					
3) Gas	5.716	265.705			
(A3+B7+C3)					
4) Wind	10.552	289.947			
6) SOLAR	4.515	144.006			
TOTAL STATE	283.845	8731.852			

* 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	5069	5152	5345	4600
MSPGCL Hydro	1773	1361	194	106
MSPGCL Gas	138	127	139	142
MSPGCL Total Generation	6980	6640	5678	4848
Central Sector Receipt	6618	6519	5659	4486
WIND	404	252	132	654
CPP / IPP Thermal	4923	4923	4908	3674
CPP / IPP Gas	0	0	0	0
SOLAR	752	765	0	0
Exchange with Mumbai	-886	-877	-957	-787
MSEDCL DEMAND MET	18791	18222	15420	12875
Load Shedding	0	0	0	0
MSEDCL DEMAND	18791	18222	15420	12875
TPCL GENERATION	722	688	697	395
AEML GENERATION	501	501	503	374
MUMBAI DEMAND	2109	2066	2157	1556
STATE DEMAND MET	20900	20288	17577	14431
STATE DEMAND	20900	20288	17577	14431
Frequency (Hz)	50.00	50.02	50.02	50.07

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 14.02 Hrs	49.79 Hz at 09.14 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 29/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	10.61	325.67	575	370
Unit 9	0.00	284.64	0	0
Unit 10	11.84	183.24	560	450
Total	22.45	793.55		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.28	188.32	277	0
Unit 5	0.00	200.48	0	0
Total	0.28	388.80		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.96	156.53	238	186
Unit 7	5.38	130.34	248	198
Unit 8	5.29	124.77	250	190
Total	15.63	411.64		
Chandrapur				
Unit 3	4.13	121.49	188	157
Unit 4	3.51	94.68	170	120
Unit 5	8.66	252.66	370	344
Unit 6	9.40	271.78	470	334
Unit 7	0.00	0.00	0	0
Unit 8	10.04	301.49	475	360
Unit 9	9.72	298.86	450	360
Total	45.47	1340.96		
Paras				
Unit 3	0.00	80.98	0	0
Unit 4	5.28	86.81	250	192
Total	5.28	167.79		
Khaparkheda				
Unit 1	3.99	77.55	180	150
Unit 2	3.96	81.56	185	140
Unit 3	4.22	82.54	195	158
Unit 4	4.30	118.43	195	160
Unit 5	9.73	284.55	475	365
Total	26.20	644.63		
Nasik				
Unit 3	4.19	69.63	190	161
Unit 4	0.00	0.00	0	0
Unit 5	0.00	46.76	0	0
Total	4.19	116.39		
Uran				
All Units	3.28	186.35	143	126
Total	3.28	186.35		
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)	0.08	2.20	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	2.20		
Koyna				
Stage 1-2	3.80	113.96	460	35
Stage 4	6.38	177.32	935	0
Stage 3	2.59	61.89	240	0
Total	12.76	353.16		
Hydro				
KDPH	0.89	4.81	37	37
VTRNA	0.00	0.00	0	0
TILLARI	0.30	5.59	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	7.98	80	0
RNGR+BHTSA	0.39	10.94	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.43	9.82	18	17
GHATGHAR	0.50	11.16	125	0
Total	2.64	50.30		
Wind				
Total	10.55	289.95	0	0
Total	10.55	289.95		
CPP				
APML(Mus)	68.35	2002.20	0	0
JSWEL(Mus)	22.92	644.16	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)	14.21	406.45	0	0
Total	105.48	3052.80		
SOLAR				
Total	4.52	144.01	0	0
Total	4.52	144.01		
Tata				
Trombay 5	10.17	278.52	480	308
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.34	45.48	64	47
Trombay 7B	1.09	33.88	51	39
Trombay 8	0.00	0.10	0	0
TATA Hydro	1.44	134.74	194	0
Total	14.05	492.72		
AEML				
DTPS U-1&2	11.07	298.80	503	372
Total	11.07	298.80		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	119.50	3863.77	MSPGCL Total	138.18	4453.58
			MSPGCL Thml+Gas	122.78	4050.12	Koyna 1,2 & 4 Total	10.17	291.28
			MSPGCL Hydro	15.40	403.46	State Total	283.84	8731.85

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/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	4869	107	141	5117	753	3655	0	0	4472	4520	-1066	12979	0	12979	1840	14819	50.05
2	4598	242	141	4981	674	3665	0	0	4365	4556	-940	12936	0	12936	1712	14648	50.00
3	4615	177	132	4924	612	3653	0	0	4485	4510	-858	12841	0	12841	1626	14467	50.04
4	4600	106	142	4848	654	3674	0	0	4557	4486	-787	12875	0	12875	1556	14431	50.07
5	4601	256	142	4999	723	3669	0	0	4530	4727	-794	13324	0	13324	1564	14888	50.00
6	4834	370	133	5337	625	3931	0	0	5160	5284	-845	14332	0	14332	1615	15947	49.97
7	5234	288	142	5664	619	4389	0	1	5818	5698	-893	15478	0	15478	1679	17157	50.00
8	5374	735	143	6252	547	4649	0	59	5715	5908	-767	16648	0	16648	1733	18381	49.99
9	5349	1157	132	6638	590	4705	0	217	5762	6031	-668	17513	0	17513	1842	19355	49.96
10	5310	1481	141	6932	500	4716	0	417	5967	6006	-763	17808	0	17808	1967	19775	49.92
11	5157	1598	129	6884	533	4901	0	652	6213	6190	-854	18306	0	18306	2071	20377	49.99
12	5069	1773	138	6980	404	4923	0	752	6388	6618	-886	18791	0	18791	2109	20900	50.00
13	5152	1361	127	6640	252	4923	0	765	6573	6519	-877	18222	0	18222	2066	20288	50.02
14	5207	957	137	6301	209	4913	0	621	6566	6643	-895	17792	0	17792	2001	19793	50.04
15	5112	1179	126	6417	131	4889	0	489	6452	6632	-874	17684	0	17684	1969	19653	50.01
16	5108	1286	137	6531	95	4884	0	354	6418	6255	-844	17275	0	17275	1946	19221	49.99
17	5205	829	138	6172	80	4915	0	164	5745	5727	-753	16305	0	16305	1928	18233	50.01
18	5284	735	128	6147	84	4914	0	24	5462	5371	-856	15684	0	15684	2006	17690	50.02
19	5345	194	139	5678	132	4908	0	0	5580	5659	-957	15420	0	15420	2157	17577	50.02
20	4982	151	139	5272	226	4797	0	0	5465	5300	-877	14718	0	14718	2161	16879	50.01
21	4660	105	131	4896	379	4339	0	0	5195	5056	-810	13860	0	13860	2091	15951	50.04
22	4614	105	140	4859	581	3837	0	0	4885	4892	-900	13269	0	13269	2058	15327	50.03
23	4626	105	142	4873	584	3838	0	0	4387	4587	-899	12983	0	12983	1989	14972	50.01
24	4590	105	142	4837	565	3794	0	0	4361	4329	-816	12709	0	12709	1911	14620	50.01
MUs	119.49	15.40	3.28	138.18	10.55	105.48	0.00	4.51	130.52	131.50	-20.48	369.75	0.00	369.75	45.60	415.35	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 29/Dec/2019

Position as on 6.30 Hrs of 30/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 29/Dec/2019

Position as on 6.30 Hrs of 30/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	30/12/2019	03.20	RAPH A motor drive trip	
MSPGCL	Uran Unit 6	108	28/12/2019	14.34	30/12/2019	06.23	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 29/Dec/2019

Statement-VII

Position as on 6.30 Hrs of 30/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	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	Restraining for Railway work
Padghe - Kalwa-II	IntraState	25/12/2019	10.31		Continued.	PO	MMRDA Shifting/Height raising construction work
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)
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

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