

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Dec/2019 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.499	584.340	1) Gujrat	4.907	25.252
2) Hydro	20.676	73.859	2) Madhya Pradesh	10.122	58.105
3) Gas	10.137	47.183	3) Chattisgarh	6.400	35.700
Total MSPGCL	155.312	705.382	4) Maharashtra	110.883	583.011
B) 1) APML	74.442	370.042	5) Goa (Amona)	-0.682	-3.630
2) JSWEL	24.455	118.769	Total	131.630	698.438
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.595	143.028
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	32.229	153.426
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	24.033	150.834
6) Other IPP	14.976	67.586	Include PX	1.229	36.528
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.595	143.028
C) 1) TPCL Thermal	9.991	49.062	Include PX	10.521	55.150
2) TPCL Hydro	5.993	26.332	Standby	0.000	0.000
3) TPCL Gas	3.990	20.541	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.858	53.945	1) MSEDCL	390.829	1915.278
D) STATE			2) Mumbai Discoms	63.061	303.306
1) Thermal	259.221	1243.744	TOTAL STATE	453.890	2218.584
(A1+C1+C4+(B1-B6))					
2) Hydro	26.669	100.191			
(A2+C2)					
3) Gas	14.127	67.724			
(A3+B7+C3)					
4) Wind	17.396	86.254			
6) SOLAR	4.847	22.233			
TOTAL STATE	322.260	1520.146			

* 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	5398	5422	5526	4704
MSPGCL Hydro	1661	1282	1328	64
MSPGCL Gas	426	423	422	424
MSPGCL Total Generation	7485	7127	7276	5192
Central Sector Receipt	6205	6106	5015	5002
WIND	829	818	490	747
CPP / IPP Thermal	4976	5004	5012	4304
CPP / IPP Gas	0	0	0	0
SOLAR	771	783	0	0
Exchange with Mumbai	-1537	-1554	-1383	-1272
MSEDCL DEMAND MET	18729	18284	16410	13973
Load Shedding	0	0	0	0
MSEDCL DEMAND	18729	18284	16410	13973
TPCL GENERATION	1111	1020	1119	430
AEML GENERATION	501	499	497	374
MUMBAI DEMAND	3149	3073	2999	2076
STATE DEMAND MET	21878	21357	19409	16049
STATE DEMAND	21878	21357	19409	16049
Frequency (Hz)	50.01	50.01	50.04	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.25 Hz at 06.02 Hrs	49.78 Hz at 15.19 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 05/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	12.38	60.04	560	465
Unit 9	12.61	60.38	590	450
Unit 10	0.00	0.00	0	0
Total	24.99	120.42		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.23	47.32	405	360
Unit 5	10.08	27.80	490	355
Total	19.32	75.12		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.54	27.90	250	195
Unit 7	2.43	5.60	220	0
Unit 8	5.51	27.69	250	194
Total	13.48	61.19		
Chandrapur				
Unit 3	4.13	20.23	188	150
Unit 4	3.22	16.80	158	117
Unit 5	8.83	43.95	375	355
Unit 6	10.43	51.99	475	360
Unit 7	0.00	0.00	0	0
Unit 8	10.51	51.66	480	360
Unit 9	10.47	51.99	475	353
Total	47.59	236.62		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Total	0.00	0.00		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	4.35	17.96	200	160
Unit 5	10.62	52.03	500	370
Total	14.98	69.99		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	4.15	21.00	187	154
Total	4.15	21.00		
Uran				
All Units	10.14	47.18	441	393
Total	10.14	47.18		
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)	0.07	0.61	17	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	0.61		
Koyna				
Stage 1-2	4.76	20.54	475	35
Stage 4	11.07	35.82	1001	0
Stage 3	3.47	12.07	320	0
Total	19.31	68.42		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.36	1.48	80	0
RNGR+BHTSA	0.39	1.96	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.32	1.42	14	13
GHATGHAR	0.30	0.58	125	0
Total	1.37	5.44		
Wind				
Total	17.40	86.25	0	0
Total	17.40	86.25		
CPP				
APML(Mus)	74.44	370.04	0	0
JSWEL(Mus)	24.46	118.77	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)	14.98	67.59	0	0
Total	113.87	556.40		
SOLAR				
Total	4.85	22.23	0	0
Total	4.85	22.23		
Tata				
Trombay 5	9.99	48.96	481	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.48	12.89	114	76
Trombay 7B	1.51	7.65	67	54
Trombay 8	0.00	0.10	0	0
TATA Hydro	5.99	26.33	459	0
Total	19.97	95.94		
AEML				
DTPS U-1&2	10.86	53.94	501	371
Total	10.86	53.94		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	124.50	584.34	MSPGCL Total	155.31	705.38
			MSPGCL Thml+Gas	134.64	631.52	Koyna 1,2 & 4 Total	15.84	56.35
			MSPGCL Hydro	20.68	73.86	State Total	322.26	1520.15

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/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	4675	84	427	5186	706	4426	0	0	5343	5342	-1583	14077	0	14077	2392	16469	50.04
2	4659	64	416	5139	736	4368	0	0	5174	5014	-1389	13868	0	13868	2195	16063	50.00
3	4704	64	424	5192	747	4304	0	0	5040	5002	-1272	13973	0	13973	2076	16049	50.01
4	4684	144	437	5265	734	4147	0	0	4949	5232	-1173	14205	0	14205	1982	16187	50.03
5	4856	343	426	5625	771	4371	0	0	4940	5046	-1148	14665	0	14665	1960	16625	50.06
6	5340	551	418	6309	809	4578	0	0	5105	5217	-1040	15873	0	15873	2057	17930	50.02
7	5332	1135	438	6905	900	4616	0	2	5776	5655	-918	17160	0	17160	2211	19371	50.02
8	5372	1693	429	7494	910	4675	0	87	5799	5903	-988	18081	0	18081	2362	20443	49.99
9	5354	1801	441	7596	858	4703	0	269	5730	5757	-1091	18092	0	18092	2636	20728	50.04
10	5425	1805	420	7650	894	4869	0	459	5709	5763	-1326	18309	0	18309	2943	21252	50.02
11	5312	1716	426	7454	857	4921	0	700	6111	6048	-1516	18464	0	18464	3125	21589	50.00
12	5398	1661	426	7485	829	4976	0	771	6207	6205	-1537	18729	0	18729	3149	21878	50.01
13	5422	1282	423	7127	818	5004	0	783	6259	6106	-1554	18284	0	18284	3073	21357	50.01
14	5416	1097	423	6936	718	4963	0	681	6180	6068	-1515	17851	0	17851	2941	20792	50.02
15	5385	1240	409	7034	719	4956	0	543	6441	6295	-1543	18004	0	18004	2976	20980	49.94
16	5436	1185	419	7040	671	4970	0	351	6422	6117	-1468	17681	0	17681	3023	20704	49.91
17	5471	1232	410	7113	624	5023	0	151	5807	5545	-1423	17033	0	17033	2997	20030	49.94
18	5530	1256	433	7219	510	5005	0	50	5284	5311	-1392	16703	0	16703	2986	19689	50.01
19	5526	1328	422	7276	490	5012	0	0	5099	5015	-1383	16410	0	16410	2999	19409	50.04
20	5523	685	415	6623	584	4987	0	0	4985	4840	-1272	15762	0	15762	2890	18652	49.98
21	5264	97	436	5797	605	4872	0	0	4915	4748	-1260	14762	0	14762	2680	17442	50.00
22	4784	66	426	5276	587	4713	0	0	5087	5175	-1438	14313	0	14313	2550	16863	50.03
23	4794	71	400	5265	609	4722	0	0	5165	5242	-1495	14343	0	14343	2462	16805	49.96
24	4837	76	393	5306	710	4692	0	0	5188	4984	-1505	14187	0	14187	2396	16583	50.04
MUs	124.50	20.68	10.14	155.31	17.40	113.87	0.00	4.85	132.72	131.63	-32.23	390.83	0.00	390.83	63.06	453.89	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 05/Dec/2019

Position as on 6.30 Hrs of 06/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	
MSPGCL	Koyna STG-IV Unit-4	250	06/12/2019	12.00		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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	Paras Unit 4	250	25/08/2019	00.45		Continued.	Annual Overhaul Converted Zero Schedule From 28.10.2019 18.00	
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	
MSPGCL	Nasik Unit 3	210	09/10/2019	23.57		Continued.	Under Case 4 Bidding.	
MSPGCL	Khaparkheda Unit 1	210	12/10/2019	00.11		Continued.	Zero Schedule	
MSPGCL	Khaparkheda Unit 2	210	12/10/2019	00.17		Continued.	Zero Schedule	
MSPGCL	Paras Unit 3	250	23/10/2019	00.00		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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/Dec/2019

Position as on 6.30 Hrs of 06/Dec/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	Khaparkheda Unit 3	210	27/11/2019	22.53		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 10	660	29/11/2019	18.11	06/12/2019	18.16	Preheater Jam.	
MSPGCL	Uran Unit 8	108	30/11/2019	19.14		Continued.	Over Speed Bolt Trip.	
MSPGCL	Parli Unit 7	250	01/12/2019	16.22	05/12/2019	08.10	Boiler Tube Leakage	
MSPGCL	Parli Unit 8	250	06/12/2019	12.59		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 4	500	06/12/2019	22.00		Continued.	Burner Drill problem & Tap Changer problem.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 05/Dec/2019

Statement-VII

Position as on 6.30 Hrs of 06/Dec/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Tripping							
Koradi III - Tirora - I	IntraState	06/12/2019	09.32	06/12/2019	19.14	PO	Maintenance of Bay Equipment.
400 KV LINE Outages/Tripping							
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	04/12/2019	19.01	05/12/2019	07.49	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	05/12/2019	18.59	06/12/2019	09.11	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	06/12/2019	17.30		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	03/12/2019	09.54		Continued.	PO	Construction Work
Koradi-Bhusawal	IntraState	04/12/2019	08.41		Continued.	PO	Restrining of Conductor
Warora -IEPL	IntraState	06/12/2019	09.37	06/12/2019	18.01	PO	Routine maintenance & Diagnostic Testing.
Main Bus II @Khaparkheda S/st	IntraState	06/12/2019	10.05	06/12/2019	18.01	PO	Diagmotic Testing of Bus CVT & Routine Maintenance Work.
400 KV ICT Outages/Tripping							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 kv 315 MVA ICT-I @Chandrapur GCR	IntraState	05/12/2019	09.49	05/12/2019	22.41	PO	Testing Work
400/220/33 Kv 315 MVA ICT-I @Aurangabad (Waluj)	IntraState	06/12/2019	10.07	06/12/2019	16.34	PO	Routine Maintenance Work
220 KV LINE Outages/Tripping							
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)
Nagar-Babhaleshwar Ckt II	IntraState	04/12/2019	22.24	05/12/2019	01.45	EO	To attend Hot Spot
Mahindra Vehicle-Bridgestone	IntraState	05/12/2019	09.09	05/12/2019	17.00	PO	Half yearly maintenance work
Magar Patta City- Serum	IntraState	05/12/2019	09.22	05/12/2019	14.24	PO	Measure IR value of LA.
Nandedcity-Parvati	IntraState	05/12/2019	09.25	05/12/2019	16.31	PO	Half yearly CT Tan delta measurement.
Sahara-Urse	IntraState	05/12/2019	11.43	05/12/2019	21.20	PO	Half yearly maintenance work
Boisar(M) - Ghodbunder	IntraState	05/12/2019	13.45	05/12/2019	18.50	PO	Testing Work
Loteparshuram- Dasturi Line	IntraState	05/12/2019	14.45	06/12/2019	03.48	T	Distance Protection
Jejuri- Ismt- Lonand	IntraState	05/12/2019	20.37	05/12/2019	20.40	PO	Isoletor sparking work.
Valve-Jamde	IntraState	06/12/2019	09.34	06/12/2019	13.22	PO	Maintenance Of Bay Equipments.
Aurangabad - Chitegaon	IntraState	06/12/2019	10.46	06/12/2019	21.52	PO	Tan Delta Measurement of CTs testing & Maintenance Work.
Raymond - Washala	IntraState	06/12/2019	11.10	06/12/2019	16.39	PO	Bus maintenance Work.
Kamba - Kolshet	IntraState	06/12/2019	11.40	06/12/2019	17.01	PO	For Main Bus Section 1 Outage
Padghe - Kambha	IntraState	06/12/2019	11.52	06/12/2019	16.43	PO	For Main Bus Section 1 Outage
Padghe - Jambhul 1	IntraState	06/12/2019	13.00	06/12/2019	15.34	EO	For Faulty Relay Replacement.
Uran - Apta II	IntraState	06/12/2019	13.32	06/12/2019	14.38	EO	For Removal Earthwire
Uran - Kharghar I	IntraState	06/12/2019	14.16	06/12/2019	16.53	EO	Attending Hot Spot
220 KV ICT Outages/Tripping							
220/132 Kv 200mva Ptr No 1 @Theur	IntraState	05/12/2019	10.15	05/12/2019	17.12	PO	LV CT replacement work.
220/22 Kv 50 Mva Ptr 1 @Lonikand	IntraState	05/12/2019	14.52	05/12/2019	16.43	PO	Hot spot attending R and Y bushing.
220/132 Kv 200 Mva Cgl Ict 1 @Boisar-Ii	IntraState	06/12/2019	09.26	06/12/2019	11.54	PO	Testing Work
Salsette : 220 / 110 / 22 250 MVA	IntraState	06/12/2019	09.45	06/12/2019	13.48	PO	Control Panel Cables Glanding.

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 05/Dec/2019

Statement-VII

Position as on 6.30 Hrs of 06/Dec/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
ICT 2							
220/132 kV 200 MVA ICT- I @ Nanded	IntraState	06/12/2019	10.27	06/12/2019	16.40	PO	Tan Delta Measurement & Aux Protection Trails.