

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Dec/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	117.274	827.702	1) Gujrat	4.659	34.336
2) Hydro	21.437	111.431	2) Madhya Pradesh	10.324	77.644
3) Gas	7.466	64.782	3) Chattisgarh	6.820	48.800
Total MSPGCL	146.177	1003.915	4) Maharashtra	114.174	808.722
B) 1) APLM	73.234	517.415	5) Goa (Amona)	-0.616	-4.906
2) JSWEL	23.829	166.813	Total	135.361	964.596
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.041	200.402
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	29.104	213.933
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	30.485	207.755
6) Other IPP	14.313	96.050	Include PX	7.211	48.549
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.041	200.402
C) 1) TPCL Thermal	9.938	68.946	Include PX	10.066	75.867
2) TPCL Hydro	4.747	37.299	Standby	0.000	0.000
3) TPCL Gas	2.327	25.936	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.778	75.450	1) MSEDCL	382.277	2682.204
D) STATE			2) Mumbai Discoms	56.894	421.564
1) Thermal	249.366	1752.376	TOTAL STATE	439.171	3103.768
(A1+C1+C4+(B1-B6))					
2) Hydro	26.184	148.730			
(A2+C2)					
3) Gas	9.793	90.718			
(A3+B7+C3)					
4) Wind	12.396	113.294			
6) SOLAR	6.071	34.054			
TOTAL STATE	303.810	2139.172			

* 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	5263	4978	5082	4444
MSPGCL Hydro	1616	1564	1371	60
MSPGCL Gas	278	276	246	441
MSPGCL Total Generation	7157	6818	6699	4945
Central Sector Receipt	6506	6476	5437	4748
WIND	385	295	455	714
CPP / IPP Thermal	4851	4871	4982	4053
CPP / IPP Gas	0	0	0	0
SOLAR	931	915	0	0
Exchange with Mumbai	-1333	-1417	-1261	-1024
MSEDCL DEMAND MET	18497	17958	16312	13436
Load Shedding	0	0	0	0
MSEDCL DEMAND	18497	17958	16312	13436
TPCL GENERATION	994	866	992	409
AEML GENERATION	500	500	498	374
MUMBAI DEMAND	2827	2783	2751	1807
STATE DEMAND MET	21324	20741	19063	15243
STATE DEMAND	21324	20741	19063	15243
Frequency (Hz)	50.00	49.92	50.02	50.06

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 06.03 Hrs	49.76 Hz at 12.12 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 07/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	11.37	84.16	557	350
Unit 9	11.11	84.76	510	400
Unit 10	9.73	10.66	510	262
Total	32.21	179.57		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	55.85	0	0
Unit 5	9.66	47.90	460	355
Total	9.66	103.75		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.46	38.89	250	188
Unit 7	5.49	16.64	249	187
Unit 8	0.00	30.34	0	0
Total	10.94	85.88		
Chandrapur				
Unit 3	4.26	28.71	189	163
Unit 4	3.12	22.95	140	121
Unit 5	8.91	61.97	380	360
Unit 6	10.56	73.04	480	362
Unit 7	0.00	0.00	0	0
Unit 8	10.19	72.16	480	360
Unit 9	10.28	72.53	480	360
Total	47.33	331.37		
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	3.78	25.84	200	0
Unit 5	9.04	71.74	430	240
Total	12.82	97.58		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	4.31	29.55	193	161
Total	4.31	29.55		
Uran				
All Units	7.47	64.78	442	236
Total	7.47	64.78		
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)	0.26	0.99	47	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.26	0.99		
Koyna				
Stage 1-2	6.66	31.79	475	35
Stage 4	9.82	53.28	765	0
Stage 3	3.63	18.15	320	0
Total	20.11	103.22		
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.	0.32	2.16	80	0
RNGR+BHTSA	0.33	2.69	14	13
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.29	2.04	13	12
GHATGHAR	0.40	1.32	125	0
Total	1.33	8.21		
Wind				
Total	12.40	113.29	0	0
Total	12.40	113.29		
CPP				
APML(Mus)	73.23	517.42	0	0
JSWEL(Mus)	23.83	166.81	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)	14.31	96.05	0	0
Total	111.38	780.28		
SOLAR				
Total	6.07	34.05	0	0
Total	6.07	34.05		
Tata				
Trombay 5	9.94	68.85	481	297
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.28	15.95	63	50
Trombay 7B	1.04	9.98	50	41
Trombay 8	0.00	0.10	0	0
TATA Hydro	4.75	37.30	427	0
Total	17.01	132.18		
AEML				
DTPS U-1&2	10.78	75.45	501	374
Total	10.78	75.45		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	117.27	827.70	MSPGCL Total	146.18	1003.92
			MSPGCL Thml+Gas	124.74	892.48	Koyna 1,2 & 4 Total	16.48	85.07
			MSPGCL Hydro	21.44	111.43	State Total	303.81	2139.17

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/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	4342	100	425	4867	858	3993	0	0	5163	5120	-1363	13475	0	13475	2164	15639	50.01
2	4382	180	426	4988	877	4078	0	0	5004	4875	-1213	13605	0	13605	1999	15604	50.03
3	4448	90	432	4970	794	4070	0	0	4910	4886	-1100	13620	0	13620	1884	15504	50.05
4	4444	60	441	4945	714	4053	0	0	4823	4748	-1024	13436	0	13436	1807	15243	50.06
5	4682	110	421	5213	643	4213	0	0	4820	4955	-995	14029	0	14029	1782	15811	50.04
6	5066	288	442	5796	663	4557	0	0	5110	5275	-953	15338	0	15338	1871	17209	50.04
7	5021	1091	428	6540	674	4571	0	5	5788	5699	-776	16713	0	16713	1958	18671	50.05
8	5015	1522	294	6831	587	4746	0	92	5752	5795	-834	17217	0	17217	2051	19268	50.05
9	5328	1569	284	7181	436	4789	0	369	5805	5958	-944	17789	0	17789	2260	20049	50.04
10	5260	1482	283	7025	482	4772	0	603	5930	6199	-1096	17985	0	17985	2543	20528	50.00
11	5275	1513	271	7059	342	4814	0	799	6158	6316	-1260	18070	0	18070	2759	20829	49.99
12	5263	1616	278	7157	385	4851	0	931	6511	6506	-1333	18497	0	18497	2827	21324	50.00
13	4978	1564	276	6818	295	4871	0	915	6397	6476	-1417	17958	0	17958	2783	20741	49.92
14	4980	1552	265	6797	272	4866	0	896	6403	6550	-1349	18032	0	18032	2672	20704	50.02
15	5030	1554	265	6849	260	4853	0	726	6606	6483	-1462	17709	0	17709	2687	20396	49.97
16	5080	1550	274	6904	250	4849	0	498	6663	6689	-1314	17876	0	17876	2705	20581	49.95
17	5129	1416	255	6800	244	4854	0	211	6190	6089	-1204	16994	0	16994	2691	19685	49.97
18	5149	1499	244	6892	315	4937	0	26	5564	5410	-1185	16395	0	16395	2674	19069	50.00
19	5082	1371	246	6699	455	4982	0	0	5315	5437	-1261	16312	0	16312	2751	19063	50.02
20	5046	678	246	5970	498	4958	0	0	4976	5138	-1192	15372	0	15372	2674	18046	49.97
21	4805	128	246	5179	601	4797	0	0	5018	5312	-1446	14443	0	14443	2526	16969	50.01
22	4557	61	246	4864	602	4703	0	0	5124	5277	-1494	13952	0	13952	2377	16329	50.00
23	4473	251	236	4960	594	4637	0	0	5126	5130	-1470	13851	0	13851	2262	16113	49.95
24	4439	192	242	4873	555	4562	0	0	5170	5038	-1419	13609	0	13609	2187	15796	50.00
MUs	117.27	21.44	7.47	146.18	12.40	111.38	0.00	6.07	134.33	135.36	-29.10	382.28	0.00	382.28	56.89	439.17	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 07/Dec/2019

Position as on 6.30 Hrs of 08/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 07/Dec/2019

Position as on 6.30 Hrs of 08/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	Uran Unit 8	108	30/11/2019	19.14		Continued.	Over Speed Bolt Trip.	
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.	
MSPGCL	Uran Unit 7	108	07/12/2019	07:14		Continued.	Gas shortage	
MSPGCL	Uran Unit B0	120	07/12/2019	07:14		Continued.	Gas shortage	
MSPGCL	Khaparkheda Unit 4	210	07/12/2019	12.12	07/12/2019	14.37	Flame Failure	
MSPGCL	Bhusawal Unit 5	500	08/12/2019	09.34	08/12/2019	12.13	Low Air Flow.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Dec/2019

Statement-VII

Position as on 6.30 Hrs of 08/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/Trippings							
Koradi III - Tirora - I	IntraState	07/12/2019	09.36	07/12/2019	21.29	PO	Maintenance Of Bay Equipment.
Koradi III - Akola II- ckt-II	IntraState	08/12/2019	09.30	08/12/2019	17.18	PO	Maintenance Of Bay Equipment.
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	06/12/2019	17.30	07/12/2019	08.56	HT	Over Voltage
Dabhol New koyna I	InterState	07/12/2019	09.06	07/12/2019	19.15	PO	Replacement Of Insulator String at 52 loc.
Dhule Sar'Sarovar II	InterState	07/12/2019	10.04		Continued.	PO	Work At SSNL End.(RFC AT 17:17 HRS.)
Padghe - Kalwa- I	IntraState	03/12/2019	09.54		Continued.	PO	Construction Work
Koradi-Bhusawal	IntraState	04/12/2019	08.41		Continued.	PO	Restranging of Conductor
Koradi III(Adani)-Korad II Ckt-I	IntraState	07/12/2019	11.17	08/12/2019	00.24	PO	Tan Delta Of Line CT & CVT.
New Koyna - Dabhol - II	IntraState	08/12/2019	08.46	08/12/2019	16.42	PO	Earthwire Replacement routine maintenance work & Faulty String Replacement Work & Cold Washing.
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.
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	07/12/2019	08.35	07/12/2019	21.51	PO	The Help Of Hydra & For Proper Movement Of hydra.
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	08/12/2019	08.24	08/12/2019	21.15	PO	Assembling CB Poles after overhauling work with the help of Hydra & for proper movement of Hydra.
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	08/12/2019	09.13	08/12/2019	19.07	PO	Bay Maintenance Testing Work & Oil Leakage Arresting 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)
Chakan I - Chakan II (tap to Volkswagen)	IntraState	07/12/2019	09.20	07/12/2019	18.39	PO	Routine Maintenance Work
Gangapur-Valve	IntraState	07/12/2019	09.34	07/12/2019	12.35	PO	Annual Maintenance Work
Nasik - Raymond	IntraState	07/12/2019	10.38	07/12/2019	15.10	EO	Attending Hot Spot
Malinagar - Tembhurni	IntraState	07/12/2019	11.10	08/12/2019	17.00	PO	CB Overhauling.
MALEGAON - KALWAN CKT-2	IntraState	07/12/2019	12.50	07/12/2019	14.50	PO	Routine Maintenance Work
Kalwa - Mulund 1	IntraState	07/12/2019	14.50	07/12/2019	18.00	PO	Routine Maintenance Work
Bhira Dharavi 7	IntraState	07/12/2019	21.01	07/12/2019	23.54	EO	Attending Hot Spot
Kharghar-Borivali ckt II	IntraState	08/12/2019	05.00	08/12/2019	07.45	PO	Construction Work.
Kalwa Salsette III	IntraState	08/12/2019	07.50	08/12/2019	09.10	PO	For Tree Trimming.
Bappaon - Kalwa	IntraState	08/12/2019	10.00	08/12/2019	19.36	PO	Replacement Of Earth Wire By OPGW.
Trombay Salsette 1 Backbay	IntraState	08/12/2019	14.00	08/12/2019	18.00	PO	For DMRC, Metro, Project Work.
220 KV ICT Outages/Trippings							
220/132kv 200MVA ICT-III @ Nanded	IntraState	07/12/2019	09.41	07/12/2019	16.41	PO	Diagnostic Testing Work.
220/66 Kv 150 Mva Emco Ict 2 @Gadchandur	IntraState	07/12/2019	10.56	07/12/2019	19.01	PO	Oil Filtration By Agency And Maintenance Work.
220/132 KV ICT II @ Kopergaon	IntraState	08/12/2019	08.30	08/12/2019	09.05	PO	Oil Leakage Attending By Replacing Gasket Of PTR-1.

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