

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Dec/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.831	948.533	1) Gujrat	4.652	38.988
2) Hydro	16.988	128.419	2) Madhya Pradesh	8.852	86.496
3) Gas	5.654	70.436	3) Chattisgarh	7.300	56.100
Total MSPGCL	143.473	1147.388	4) Maharashtra	113.968	922.690
B) 1) APLM	75.151	592.566	5) Goa (Amona)	-0.594	-5.500
2) JSWEL	21.942	188.755	Total	134.178	1098.774
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.743	224.145
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.697	238.630
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	32.338	240.092
6) Other IPP	13.449	109.499	Include PX	10.152	58.701
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.743	224.145
C) 1) TPCL Thermal	9.744	78.690	Include PX	10.479	86.347
2) TPCL Hydro	1.900	39.199	Standby	0.000	0.000
3) TPCL Gas	2.217	28.153	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.843	86.293	1) MSEDCL	377.472	3059.676
D) STATE			2) Mumbai Discoms	49.401	470.965
1) Thermal	251.960	2004.336	TOTAL STATE	426.873	3530.641
(A1+C1+C4+(B1-B6))					
2) Hydro	18.888	167.618			
(A2+C2)					
3) Gas	7.871	98.589			
(A3+B7+C3)					
4) Wind	8.303	121.597			
6) SOLAR	5.673	39.727			
TOTAL STATE	292.695	2431.867			

* 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 24 Hrs
MSPGCL Thermal	5054	5133	5133	4743
MSPGCL Hydro	1762	1506	1172	60
MSPGCL Gas	237	238	239	229
MSPGCL Total Generation	7053	6877	6544	5032
Central Sector Receipt	6731	6495	4857	4916
WIND	334	264	209	326
CPP / IPP Thermal	4672	4681	4705	4390
CPP / IPP Gas	0	0	0	0
SOLAR	832	851	0	0
Exchange with Mumbai	-1034	-1113	-910	-1386
MSEDCL DEMAND MET	18588	18055	15405	13278
Load Shedding	0	0	0	0
MSEDCL DEMAND	18588	18055	15405	13278
TPCL GENERATION	680	597	887	378
AEML GENERATION	500	499	500	372
MUMBAI DEMAND	2214	2209	2297	2136
STATE DEMAND MET	20802	20264	17702	15414
STATE DEMAND	20802	20264	17702	15414
Frequency (Hz)	49.99	49.92	50.03	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 06.03 Hrs	49.73 Hz at 12.13 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 08/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	12.25	96.41	562	410
Unit 9	10.36	95.12	500	347
Unit 10	11.41	22.07	550	380
Total	34.02	213.59		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	55.85	0	0
Unit 5	8.08	55.98	450	0
Total	8.08	111.83		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.70	44.60	250	190
Unit 7	5.56	22.20	249	187
Unit 8	0.00	30.34	0	0
Total	11.26	97.14		
Chandrapur				
Unit 3	4.33	33.04	187	163
Unit 4	2.94	25.89	130	115
Unit 5	8.66	70.63	375	325
Unit 6	10.92	83.96	480	362
Unit 7	0.00	0.00	0	0
Unit 8	11.01	83.17	500	360
Unit 9	10.83	83.36	480	360
Total	48.70	380.06		
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	4.36	30.19	198	160
Unit 5	10.12	81.86	490	360
Total	14.48	112.06		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	4.30	33.85	190	160
Total	4.30	33.85		
Uran				
All Units	5.65	70.44	241	227
Total	5.65	70.44		
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)	0.00	0.99	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.99		
Koyna				
Stage 1-2	5.10	36.90	490	35
Stage 4	8.02	61.30	754	0
Stage 3	2.68	20.83	304	0
Total	15.80	119.02		
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.	0.18	2.34	80	0
RNGR+BHTSA	0.28	2.97	14	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.22	2.26	10	9
GHATGHAR	0.51	1.83	125	0
Total	1.18	9.40		
Wind				
Total	8.30	121.60	0	0
Total	8.30	121.60		
CPP				
APML(Mus)	75.15	592.57	0	0
JSWEL(Mus)	21.94	188.76	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)	13.45	109.50	0	0
Total	110.54	890.82		
SOLAR				
Total	5.67	39.73	0	0
Total	5.67	39.73		
Tata				
Trombay 5	9.74	78.59	479	287
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.22	17.17	52	50
Trombay 7B	1.00	10.98	43	41
Trombay 8	0.00	0.10	0	0
TATA Hydro	1.90	39.20	350	0
Total	13.86	146.04		
AEML				
DTPS U-1&2	10.84	86.29	501	372
Total	10.84	86.29		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	120.83	948.53	MSPGCL Total	143.47	1147.39
			MSPGCL Thml+Gas	126.48	1018.97	Koyna 1,2 & 4 Total	13.12	98.19
			MSPGCL Hydro	16.99	128.42	State Total	292.70	2431.87

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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	4599	147	241	4987	526	4486	0	0	5103	5207	-1317	13889	0	13889	2076	15965	50.02
2	4759	82	238	5079	554	4466	0	0	4976	4790	-1173	13716	0	13716	1934	15650	49.96
3	4603	67	238	4908	624	4446	0	0	4853	4704	-1063	13619	0	13619	1818	15437	49.96
4	4494	217	238	4949	598	4490	0	0	4772	4764	-993	13808	0	13808	1746	15554	50.00
5	4907	57	229	5193	497	4510	0	0	5121	5217	-960	14457	0	14457	1713	16170	50.06
6	4993	525	238	5756	443	4533	0	0	5236	5451	-909	15274	0	15274	1765	17039	50.04
7	5302	430	238	5970	453	4521	0	3	6178	6144	-765	16326	0	16326	1812	18138	50.05
8	5314	935	228	6477	352	4729	0	102	6020	6251	-694	17217	0	17217	1835	19052	49.99
9	5333	1072	239	6644	389	4808	0	363	5975	6037	-791	17450	0	17450	1934	19384	50.00
10	5219	1250	237	6706	382	4567	0	599	6114	6296	-872	17678	0	17678	2053	19731	49.93
11	4995	1593	229	6817	354	4694	0	768	6275	6243	-975	17901	0	17901	2158	20059	50.00
12	5054	1762	237	7053	334	4672	0	832	6691	6731	-1034	18588	0	18588	2214	20802	49.99
13	5133	1506	238	6877	264	4681	0	851	6594	6495	-1113	18055	0	18055	2209	20264	49.92
14	5296	982	227	6505	190	4710	0	801	6487	6590	-1092	17704	0	17704	2163	19867	50.07
15	5245	875	237	6357	178	4729	0	655	6716	6751	-1069	17601	0	17601	2139	19740	50.05
16	5219	1170	239	6628	129	4683	0	475	6556	6414	-1040	17289	0	17289	2126	19415	50.00
17	5139	875	239	6253	142	4682	0	200	6276	6120	-985	16412	0	16412	2106	18518	50.03
18	5139	1062	229	6430	133	4706	0	24	5383	5246	-806	15733	0	15733	2142	17875	50.02
19	5133	1172	239	6544	209	4705	0	0	4926	4857	-910	15405	0	15405	2297	17702	50.03
20	5213	895	240	6348	255	4701	0	0	4732	4547	-903	14948	0	14948	2323	17271	50.02
21	5274	159	229	5662	296	4625	0	0	4743	4556	-1033	14106	0	14106	2275	16381	50.01
22	4971	50	239	5260	356	4576	0	0	4929	4815	-1395	13612	0	13612	2238	15850	50.02
23	4754	45	239	5038	320	4432	0	0	5035	5036	-1419	13407	0	13407	2189	15596	50.03
24	4743	60	229	5032	326	4390	0	0	5033	4916	-1386	13278	0	13278	2136	15414	50.03
MUs	120.83	16.99	5.65	143.47	8.30	110.54	0.00	5.67	134.72	134.18	-24.70	377.47	0.00	377.47	49.40	426.87	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 08/Dec/2019

Position as on 6.30 Hrs of 09/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 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	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	09/12/2019	23.32	Zero Schedule	
MSPGCL	Khaparkheda Unit 2	210	12/10/2019	00.17	09/12/2019	22.58	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 08/Dec/2019

Position as on 6.30 Hrs of 09/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	09/12/2019	22.35	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	09/12/2019	03.47	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 4	500	06/12/2019	22.00	09/12/2019	23.13	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	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 08/Dec/2019

Statement-VII

Position as on 6.30 Hrs of 09/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 - 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 II	InterState	07/12/2019	10.04	09/12/2019	08.36	PO	Work At SSNL End.(RFC AT 17:17 HRS.)
Kolhapur(M)-Kolhapur(GIS) cktII	InterState	09/12/2019	10.25	09/12/2019	10.54	T	Bus-Bar Operated
Dhule Sar'Sarovar I	InterState	09/12/2019	19.24		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
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.
karad -kolhapur-II	IntraState	09/12/2019	10.25	09/12/2019	11.10	T	Bus-Bar Operated
Alkud-Kolhapur(Talandage)	IntraState	09/12/2019	10.25	09/12/2019	11.52	T	Bus-Bar Operated
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	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.
400/220 Kv 500 MVA ICT 3 @KOLHAPUR-III (TALANDGE)	IntraState	09/12/2019	10.25	09/12/2019	11.03	T	Bus-Bar Operated
400/220KV 500MVA ICT-II@Taptitanda	IntraState	09/12/2019	13.45	09/12/2019	15.32	T	Tripped due to Snake
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)
Malinagar - Tembhurni	IntraState	07/12/2019	11.10	08/12/2019	17.00	PO	CB Overhauling.
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.
Bapgaon - 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.
Oni Kharepatan Line	IntraState	09/12/2019	08.41	09/12/2019	18.50	PO	Isolator Maintenance Work
Eklahara-(Ocr)(Nashik)-Navasari I	IntraState	09/12/2019	08.42	09/12/2019	18.22	PO	Replacement work
Pedhambe - Oni	IntraState	09/12/2019	09.05	09/12/2019	19.30	PO	Isolator Maintenance Work
Talandge(400kv)- Ichalkaranji ckt-1	IntraState	09/12/2019	09.24	09/12/2019	13.47	PO	Annual Maintenance Work
Mahad-Kandalgaon	IntraState	09/12/2019	09.31	09/12/2019	19:40	PO	Replacement of Cross ARM
Peth- Mudshingi -I	IntraState	09/12/2019	09.35	09/12/2019	18.51	PO	Earth Wire Replacement
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	09/12/2019	09.43	09/12/2019	18.54	PO	Earth Wire Replacement
Kolhapur-Bidri	IntraState	09/12/2019	10.05	09/12/2019	16.05	PO	Annual Maintenance Work
Nanded - Parli Ext. Ckt I	IntraState	09/12/2019	11.28	09/12/2019	13.33	PO	Diagnostic Testing Work
Koradi-Butibori Rly Tss	IntraState	09/12/2019	12.23	09/12/2019	18.51	PO	Relay Testing Work

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 08/Dec/2019

Statement-VII

Position as on 6.30 Hrs of 09/Dec/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Nanded - Parli Ext. Ckt II	IntraState	09/12/2019	13.35	09/12/2019	15.29	PO	Diagnostic Testing Work
Ghatghar - Bapgaon	IntraState	09/12/2019	13.37	09/12/2019	14.01	T	Distance Protection
Talandge(400kv)- Ichalkaranji ckt-2	IntraState	09/12/2019	13.53	09/12/2019	18.26	EO	Attending Hot Spot
Bableshwar Ahamadnagar-Ii	IntraState	09/12/2019	14.33	09/12/2019	14.52	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 KV ICT II @ Kopergaon	IntraState	08/12/2019	08.30	08/12/2019	09.05	PO	Oil Leakge Attending By Replacing Gasket Of PTR-1.
220/132-110kv 100mva Imp Ptr 1 @Wathar	IntraState	09/12/2019	09.50	09/12/2019	16.58	PO	Quarterly Maintenance Work
220/132/11 Kv 200 Mva Cgl lct 2 @Amravati	IntraState	09/12/2019	09.51	09/12/2019	18.46	PO	Diagnostic Testing Work
220/132 Kv 200mva Vijay lct 2 @Jalna	IntraState	09/12/2019	10.37	09/12/2019	16.55	PO	Tan Delta Meassurement

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