

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Dec/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.088	710.428	1) Gujrat	4.425	29.677
2) Hydro	16.135	89.994	2) Madhya Pradesh	9.215	67.320
3) Gas	10.133	57.316	3) Chattisgarh	6.280	41.980
Total MSPGCL	152.356	857.738	4) Maharashtra	111.537	694.548
B) 1) APLM	74.139	444.181	5) Goa (Amona)	-0.660	-4.290
2) JSWEL	24.215	142.984	Total	130.797	829.235
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.333	172.361
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	31.403	184.829
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	26.435	177.269
6) Other IPP	14.151	81.737	Include PX	4.810	41.338
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.333	172.361
C) 1) TPCL Thermal	9.946	59.008	Include PX	10.652	65.802
2) TPCL Hydro	6.220	32.552	Standby	0.000	0.000
3) TPCL Gas	3.068	23.609	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.727	64.672	1) MSEDCL	384.649	2299.927
D) STATE			2) Mumbai Discoms	61.364	364.670
1) Thermal	259.266	1503.010	TOTAL STATE	446.013	2664.597
(A1+C1+C4+(B1-B6))					
2) Hydro	22.355	122.546			
(A2+C2)					
3) Gas	13.201	80.925			
(A3+B7+C3)					
4) Wind	14.644	100.898			
6) SOLAR	5.750	27.983			
TOTAL STATE	315.216	1835.362			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5699	5467	5398	4815
MSPGCL Hydro	986	1144	711	80
MSPGCL Gas	423	419	410	428
MSPGCL Total Generation	7108	7030	6519	5323
Central Sector Receipt	6184	5995	5230	4781
WIND	716	629	581	617
CPP / IPP Thermal	4867	4986	5031	4243
CPP / IPP Gas	0	0	0	0
SOLAR	766	913	0	0
Exchange with Mumbai	-1414	-1531	-1384	-1169
MSEDCL DEMAND MET	18227	18022	15977	13795
Load Shedding	0	0	0	0
MSEDCL DEMAND	18227	18022	15977	13795
TPCL GENERATION	1105	1015	1111	436
AEML GENERATION	502	500	500	373
MUMBAI DEMAND	3021	3046	2995	1978
STATE DEMAND MET	21248	21068	18972	15773
STATE DEMAND	21248	21068	18972	15773
Frequency (Hz)	49.98	49.98	50.03	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 21.59 Hrs	49.82 Hz at 06.43 Hrs	50	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 06/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	12.76	72.79	601	460
Unit 9	13.26	73.64	595	450
Unit 10	0.93	0.93	265	0
Total	26.94	147.36		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.53	55.85	405	0
Unit 5	10.44	38.24	500	355
Total	18.97	94.09		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.54	33.43	250	190
Unit 7	5.56	11.16	249	191
Unit 8	2.65	30.34	233	0
Total	13.74	74.94		
Chandrapur				
Unit 3	4.21	24.44	187	140
Unit 4	3.04	19.83	130	115
Unit 5	9.10	53.06	395	365
Unit 6	10.49	62.48	480	360
Unit 7	0.00	0.00	0	0
Unit 8	10.31	61.97	480	360
Unit 9	10.26	62.25	480	360
Total	47.42	284.04		
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	4.10	22.06	200	155
Unit 5	10.67	62.70	500	360
Total	14.76	84.76		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	4.25	25.24	189	157
Total	4.25	25.24		
Uran				
All Units	10.13	57.32	443	406
Total	10.13	57.32		
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)	0.12	0.73	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.12	0.73		
Koyna				
Stage 1-2	4.60	25.13	475	35
Stage 4	7.64	43.46	995	0
Stage 3	2.45	14.52	240	0
Total	14.69	83.11		
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	1.84	80	0
RNGR+BHTSA	0.40	2.36	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.34	1.76	15	14
GHATGHAR	0.34	0.93	125	0
Total	1.44	6.88		
Wind				
Total	14.64	100.90	0	0
Total	14.64	100.90		
CPP				
APML(Mus)	74.14	444.18	0	0
JSWEL(Mus)	24.22	142.98	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)	14.15	81.74	0	0
Total	112.50	668.90		
SOLAR				
Total	5.75	27.98	0	0
Total	5.75	27.98		
Tata				
Trombay 5	9.95	58.91	484	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.78	14.67	114	61
Trombay 7B	1.29	8.94	66	49
Trombay 8	0.00	0.10	0	0
TATA Hydro	6.22	32.55	459	0
Total	19.23	115.17		
AEML				
DTPS U-1&2	10.73	64.67	502	373
Total	10.73	64.67		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.09	710.43	MSPGCL Total	152.36	857.74
			MSPGCL Thml+Gas	136.22	767.74	Koyna 1,2 & 4 Total	12.24	68.59
			MSPGCL Hydro	16.14	89.99	State Total	315.22	1835.36

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	4814	80	407	5301	836	4283	0	0	5292	5048	-1464	14004	0	14004	2271	16275	50.01
2	4819	225	432	5476	728	4132	0	0	5126	4951	-1289	13998	0	13998	2098	16096	49.95
3	4815	80	428	5323	617	4243	0	0	4994	4781	-1169	13795	0	13795	1978	15773	49.94
4	4820	65	418	5303	508	4245	0	0	4901	4955	-1094	13917	0	13917	1902	15819	50.01
5	5356	200	440	5996	426	4372	0	0	4899	4905	-1050	14649	0	14649	1863	16512	50.00
6	5724	535	431	6690	381	4465	0	0	5083	4982	-894	15624	0	15624	1970	17594	50.00
7	5757	1324	432	7513	438	4478	0	4	5730	5704	-881	17256	0	17256	2108	19364	49.94
8	5780	1709	443	7932	387	4595	0	82	5792	5791	-938	17849	0	17849	2253	20102	49.99
9	5740	1509	430	7679	387	4798	0	327	5742	5621	-1051	17761	0	17761	2524	20285	49.99
10	5689	1381	417	7487	477	4801	0	567	5916	5757	-1221	17868	0	17868	2830	20698	49.96
11	5699	986	423	7108	716	4867	0	766	6194	6184	-1414	18227	0	18227	3021	21248	49.98
12	5499	886	423	6808	680	4949	0	904	6341	6339	-1534	18146	0	18146	3086	21232	50.02
13	5467	1144	419	7030	629	4986	0	913	6030	5995	-1531	18022	0	18022	3046	21068	49.98
14	5303	1289	406	6998	572	4999	0	812	5908	5892	-1508	17765	0	17765	2909	20674	50.01
15	5347	1150	409	6906	545	5005	0	655	6173	6367	-1567	17911	0	17911	2958	20869	50.01
16	5344	1056	426	6826	587	5014	0	496	6284	6010	-1476	17457	0	17457	2999	20456	49.98
17	5395	526	406	6327	618	5032	0	185	6145	5839	-1415	16586	0	16586	2961	19547	49.97
18	5382	524	418	6324	544	4971	0	39	5486	5650	-1465	16063	0	16063	2926	18989	50.03
19	5398	711	410	6519	581	5031	0	0	5175	5230	-1384	15977	0	15977	2995	18972	50.03
20	5443	357	430	6230	583	4954	0	0	4946	4977	-1288	15456	0	15456	2876	18332	50.03
21	4993	67	411	5471	738	4863	0	0	4848	4935	-1395	14612	0	14612	2651	17263	50.02
22	4734	77	424	5235	862	4722	0	0	5035	4809	-1486	14142	0	14142	2484	16626	50.02
23	4398	77	424	4899	899	4422	0	0	5071	5042	-1465	13797	0	13797	2368	16165	50.00
24	4372	177	426	4975	905	4278	0	0	4925	5033	-1424	13767	0	13767	2287	16054	50.03
MUs	126.09	16.13	10.13	152.36	14.64	112.50	0.00	5.75	132.04	130.80	-31.40	384.65	0.00	384.65	61.36	446.01	50.00

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 06/Dec/2019

Position as on 6.30 Hrs of 07/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 06/Dec/2019

Position as on 6.30 Hrs of 07/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 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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Dec/2019

Statement-VII

Position as on 6.30 Hrs of 07/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	06/12/2019	09.32	06/12/2019	19.14	PO	Maintenance of Bay Equipment.
Koradi III - Tirora - I	IntraState	07/12/2019	09.36	07/12/2019	21.29	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	05/12/2019	18.59	06/12/2019	09.11	HT	Over Voltage
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	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.
Koradi III(Adani)-Korad II Ckt-I	IntraState	07/12/2019	11.17		Continued.	PO	Tan Delta Of Line CT & CVT.
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-I @Aurangabad (Waluj)	IntraState	06/12/2019	10.07	06/12/2019	16.34	PO	Routine Maintenance Work
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.
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)
Loteparshuram- Dasturi Line	IntraState	05/12/2019	14.45	06/12/2019	03.48	T	Distance Protection
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
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		Continued.	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
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Cgl Ict 1 @Boisar-Ii	IntraState	06/12/2019	09.26	06/12/2019	11.54	PO	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 06/Dec/2019

Statement-VII

Position as on 6.30 Hrs of 07/Dec/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Salsette : 220 / 110 / 22 250 MVA ICT 2	IntraState	06/12/2019	09.45	06/12/2019	13.48	PO	Control Panel Cables Glanding.
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.
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.