

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Dec/2019 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	109.011	340.636	1) Gujrat	5.212	14.822
2) Hydro	8.802	40.517	2) Madhya Pradesh	13.003	37.455
3) Gas	10.138	26.869	3) Chattisgarh	7.900	22.780
Total MSPGCL	127.951	408.022	4) Maharashtra	121.607	353.482
B) 1) APMIL	75.053	222.409	5) Goa (Amona)	-0.682	-2.288
2) JSWEL	23.897	69.663	Total	147.040	426.251
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.009	83.915
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	31.713	89.098
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	37.044	97.164
6) Other IPP	13.837	39.019	Include PX	13.848	28.762
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.009	83.915
C) 1) TPCL Thermal	9.711	29.393	Include PX	9.618	34.069
2) TPCL Hydro	6.271	14.381	Standby	0.000	0.000
3) TPCL Gas	4.008	12.406	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.684	32.345	1) MSEDCL	381.590	1136.816
D) STATE			2) Mumbai Discoms	62.387	177.623
1) Thermal	242.193	733.465	TOTAL STATE	443.977	1314.439
(A1+C1+C4+(B1-B6))					
2) Hydro	15.073	54.898			
(A2+C2)					
3) Gas	14.146	39.275			
(A3+B7+C3)					
4) Wind	21.170	47.795			
6) SOLAR	4.355	12.755			
TOTAL STATE	296.937	888.188			

* 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	4668	4677	4836	4053
MSPGCL Hydro	569	609	843	71
MSPGCL Gas	410	420	424	440
MSPGCL Total Generation	5647	5706	6103	4564
Central Sector Receipt	7189	6841	5789	4830
WIND	1039	949	771	759
CPP / IPP Thermal	4967	4950	4920	4405
CPP / IPP Gas	0	0	0	0
SOLAR	653	735	0	0
Exchange with Mumbai	-1523	-1473	-1378	-1154
MSEDCL DEMAND MET	17972	17708	16205	13404
Load Shedding	0	0	0	0
MSEDCL DEMAND	17972	17708	16205	13404
TPCL GENERATION	1122	1115	1118	456
AEML GENERATION	500	502	501	372
MUMBAI DEMAND	3145	3090	2997	1982
STATE DEMAND MET	21117	20798	19202	15386
STATE DEMAND	21117	20798	19202	15386
Frequency (Hz)	49.98	50.02	50.07	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 13:03 Hrs	49.78 Hz at 06:45 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 03/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	11.58	34.99	526	430
Unit 9	11.67	35.02	590	430
Unit 10	0.00	0.00	0	0
Total	23.25	70.02		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.20	28.86	405	345
Unit 5	0.00	10.64	0	0
Total	9.20	39.50		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.53	16.87	254	195
Unit 7	0.00	3.17	0	0
Unit 8	5.47	16.62	250	191
Total	11.00	36.66		
Chandrapur				
Unit 3	4.26	12.19	188	163
Unit 4	3.13	10.09	156	120
Unit 5	8.74	26.24	375	355
Unit 6	10.21	31.02	475	357
Unit 7	0.00	0.00	0	0
Unit 8	10.08	30.69	460	360
Unit 9	10.43	31.50	480	360
Total	46.84	141.73		
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	4.40	9.19	200	160
Unit 5	10.09	30.91	500	360
Total	14.49	40.11		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	4.23	12.62	190	160
Total	4.23	12.62		
Uran				
All Units	10.14	26.87	440	406
Total	10.14	26.87		
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)	0.21	0.49	43	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.21	0.49		
Koyna				
Stage 1-2	3.46	11.68	430	35
Stage 4	2.68	19.24	575	0
Stage 3	1.56	6.65	160	0
Total	7.70	37.56		
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.	0.35	0.78	80	0
RNGR+BHTSA	0.40	1.18	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.35	0.99	15	14
GHATGHAR	0.00	0.00	0	0
Total	1.10	2.96		
Wind				
Total	21.17	47.80	0	0
Total	21.17	47.80		
CPP				
APML(Mus)	75.05	222.41	0	0
JSWEL(Mus)	23.90	69.66	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)	13.84	39.02	0	0
Total	112.79	331.09		
SOLAR				
Total	4.36	12.76	0	0
Total	4.36	12.76		
Tata				
Trombay 5	9.71	29.29	483	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.50	7.80	114	93
Trombay 7B	1.51	4.61	66	59
Trombay 8	0.00	0.10	0	0
TATA Hydro	6.27	14.38	459	0
Total	19.99	56.18		
AEML				
DTPS U-1&2	10.68	32.34	503	372
Total	10.68	32.34		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	109.01	340.64	MSPGCL Total	127.95	408.02
			MSPGCL Thml+Gas	119.15	367.50	Koyna 1,2 & 4 Total	6.14	30.91
			MSPGCL Hydro	8.80	40.52	State Total	296.94	888.19

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/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	4290	110	429	4829	713	4499	0	0	5396	5382	-1475	13948	0	13948	2312	16260	50.00
2	4118	71	418	4607	701	4499	0	0	5227	5010	-1300	13517	0	13517	2128	15645	49.99
3	4053	71	440	4564	759	4405	0	0	5095	4830	-1154	13404	0	13404	1982	15386	49.97
4	4068	71	428	4567	834	4360	0	0	5024	4854	-1068	13547	0	13547	1893	15440	49.91
5	4128	71	420	4619	874	4399	0	0	5216	5183	-1053	14022	0	14022	1880	15902	50.01
6	4384	66	438	4888	830	4529	0	0	6167	6287	-1127	15407	0	15407	1973	17380	49.99
7	4821	290	428	5539	916	4586	0	8	6744	6356	-964	16441	0	16441	2112	18553	49.93
8	4868	746	420	6034	1047	4570	0	70	6721	6714	-874	17561	0	17561	2260	19821	49.96
9	4743	564	438	5745	1130	4544	0	195	6657	6811	-990	17435	0	17435	2550	19985	50.03
10	4672	986	415	6073	1177	4826	0	420	6362	6886	-1250	18132	0	18132	2867	20999	50.01
11	4673	909	421	6003	1124	4873	0	558	6748	6778	-1457	17879	0	17879	3079	20958	50.00
12	4668	569	410	5647	1039	4967	0	653	7201	7189	-1523	17972	0	17972	3145	21117	49.98
13	4677	609	420	5706	949	4950	0	735	6964	6841	-1473	17708	0	17708	3090	20798	50.02
14	4693	227	417	5337	928	4932	0	724	6883	7010	-1500	17431	0	17431	2968	20399	50.02
15	4702	436	407	5545	915	4941	0	518	7339	7218	-1527	17610	0	17610	3000	20610	49.97
16	4785	201	406	5392	829	4914	0	329	7521	7416	-1411	17469	0	17469	3029	20498	49.97
17	4799	236	407	5442	776	4900	0	129	6980	6819	-1402	16664	0	16664	3019	19683	50.02
18	4805	216	420	5441	762	4913	0	16	6656	6791	-1351	16572	0	16572	2970	19542	50.04
19	4836	843	424	6103	771	4920	0	0	5849	5789	-1378	16205	0	16205	2997	19202	50.07
20	4871	632	425	5928	935	4893	0	0	5249	5172	-1277	15651	0	15651	2885	18536	50.06
21	4397	213	425	5035	894	4724	0	0	5238	5321	-1470	14504	0	14504	2725	17229	50.02
22	4330	321	426	5077	843	4550	0	0	5426	5391	-1522	14339	0	14339	2547	16886	50.02
23	4317	176	428	4921	734	4569	0	0	5451	5559	-1582	14201	0	14201	2505	16706	50.01
24	4313	168	428	4909	690	4524	0	0	5364	5433	-1585	13971	0	13971	2471	16442	50.07
MUs	109.01	8.80	10.14	127.95	21.17	112.79	0.00	4.36	147.48	147.04	-31.71	381.59	0.00	381.59	62.39	443.98	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 03/Dec/2019

Position as on 6.30 Hrs of 04/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 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.	
IPP	RPL(AMT) U-5	270	09/11/2019	03.00		Continued.	Zero Schedule By MSEDCL.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Dec/2019

Position as on 6.30 Hrs of 04/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-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		Continued.	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		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 5	500	02/12/2019	01.26	04/12/2019	00.20	Fire At R PH Bellow.	
MSPGCL	Bhusawal Unit 4	500	04/12/2019	07.02	04/12/2019	10.02	Low Vaccum	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Dec/2019

Statement-VII

Position as on 6.30 Hrs of 04/Dec/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe HvdC Pole 2	IntraState	03/12/2019	19.20	03/12/2019	21.48	PO	Line Patrolling done at Chandrapur End
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	02/12/2019	18.09	04/12/2019	08.58	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	04/12/2019	19.01		Continued.	HT	Over Voltage
Chandrapur-Parali III	IntraState	02/12/2019	08.48	04/12/2019	07.15	PO	Scissor replacement of PG Isolator Clamp(RFC 17.19Hrs)
Khadka-Aurangabad (Waluj)	IntraState	02/12/2019	17.49	03/12/2019	09.48	HT	Over Voltage
Jejuri- Koyanastage-IV	IntraState	03/12/2019	03.30	03/12/2019	07.41	T	Distance Protection
Padghe - Kalwa- I	IntraState	03/12/2019	09.54		Continued.	PO	Construction Work
Khadka-Aurangabad (Waluj)	IntraState	03/12/2019	19.12	04/12/2019	08.35	HT	Over Voltage
Koradi-Bhusawal	IntraState	04/12/2019	08.41		Continued.	PO	Restraining of Conductor
Lonikand I - Koyana stage-IV	IntraState	04/12/2019	10.01	04/12/2019	18.40	PO	Replacement of Y&B phase wavetrap jumper
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 500 Mva Ict-3 @Nagothane	IntraState	04/12/2019	14.28	04/12/2019	18.08	EO	To attend Hot Spot
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)
Kharghar - Tss Panvel	IntraState	26/11/2019	11.48	03/12/2019	15.10	PO	Construction Work
Topworth - Kharghar	IntraState	26/11/2019	12.11	03/12/2019	15.35	PO	Construction Work
Taloja II - OCIL-I	IntraState	03/12/2019	07.34	03/12/2019	20.53	PO	Routine Maintenance Work
Ghatghar - Jindal	IntraState	03/12/2019	09.06	03/12/2019	20.20	PO	Annual Maintenance Work
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	03/12/2019	09.45	03/12/2019	21.51	PO	Earthwire Stringing
Peth- Mudshingi -I	IntraState	03/12/2019	09.50	03/12/2019	21.49	PO	Earthwire Stringing
KORADI 2 - KAULEWADA CKT - I	IntraState	03/12/2019	13.57	04/12/2019	10.37	T	Distance Protection
Taloja li - OCIL-II	IntraState	04/12/2019	07.25	04/12/2019	19.25	PO	Routine Maintenance Work
Parly-Parly Extn-I	IntraState	04/12/2019	10.23	04/12/2019	15.30	EO	To attend Hot Spot
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	04/12/2019	11.45	04/12/2019	14.08	EO	Removal of old Earth Wire.
Peth- Mudshingi -I	IntraState	04/12/2019	11.45	04/12/2019	14.08	EO	Removal of old Earth Wire.
Dhule-Amalner(220kv)	IntraState	04/12/2019	12.01	04/12/2019	17.21	EO	To attend Hot Spot
Paras-Chikhali Ckt No-II	IntraState	04/12/2019	12.18	04/12/2019	16.26	PO	Tan Delta Measurement of CTs
Nagar-Babhaleshwar Ckt II	IntraState	04/12/2019	22.24		Continued.	EO	To attend Hot Spot
220 KV ICT Outages/Trippings							
220/33kV 125 MVA Transformer 1 @Gorai R/S	IntraState	03/12/2019	01.37	03/12/2019	05.03	PO	Commissioning of 33KV Auto restoration scheme
220/132 Kv 200 Mva Bb Ict 2 @Chikhali	IntraState	03/12/2019	14.40	03/12/2019	19.09	PO	OLTC Oil Filtration work
220/33kV 125 MVA Transformer 2 @Gorai R/S	IntraState	04/12/2019	02.07	04/12/2019	05.49	PO	Testing & Commissioning work
220/132Kv 200MVA ICT-I @ Chikhali	IntraState	04/12/2019	14.42	04/12/2019	22.28	PO	Oil Filtration work

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