

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Nov/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	91.337	313.560	1) Gujrat	3.780	16.406
2) Hydro	10.349	35.553	2) Madhya Pradesh	5.590	19.777
3) Gas	11.525	45.858	3) Chattisgarh	7.990	30.070
Total MSPGCL	113.211	394.971	4) Maharashtra	112.745	437.820
B) 1) APML	72.534	288.714	5) Goa (Amona)	-0.484	-1.804
2) JSWEL	21.014	81.744	Total	129.621	502.269
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.865	99.513
4) RPL(AMT)	0.771	0.771	b) Mumbai Drawl	28.785	113.028
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	25.056	80.695
6) Other IPP	9.144	33.601	Include PX	0.944	-6.956
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.865	99.513
C) 1) TPCL Thermal	14.139	53.360	Include PX	7.959	32.617
2) TPCL Hydro	4.826	14.134	Standby	0.000	0.000
3) TPCL Gas	4.285	16.846	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.515	38.354	1) MSEDCL	327.096	1241.483
D) STATE			2) Mumbai Discoms	62.550	235.722
1) Thermal	219.454	810.104	TOTAL STATE	389.646	1477.205
(A1+C1+C4+(B1-B6))					
2) Hydro	15.175	49.687			
(A2+C2)					
3) Gas	15.810	62.704			
(A3+B7+C3)					
4) Wind	3.663	34.011			
6) SOLAR	5.923	18.430			
TOTAL STATE	260.025	974.936			

* 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 18 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3980	4128	4237	2773
MSPGCL Hydro	243	658	1746	134
MSPGCL Gas	470	409	454	528
MSPGCL Total Generation	4693	5195	6437	3435
Central Sector Receipt	6217	5317	5260	4989
WIND	187	117	211	80
CPP / IPP Thermal	4123	4542	4615	4152
CPP / IPP Gas	0	0	0	0
SOLAR	831	48	0	0
Exchange with Mumbai	-1605	-1241	-1190	-879
MSEDCL DEMAND MET	14446	13978	15333	11777
Load Shedding	0	0	0	0
MSEDCL DEMAND	14446	13978	15333	11777
TPCL GENERATION	1073	1268	1285	675
AEML GENERATION	407	499	498	375
MUMBAI DEMAND	3085	3008	2973	1929
STATE DEMAND MET	17531	16986	18306	13706
STATE DEMAND	17531	16986	18306	13706
Frequency (Hz)	50.02	49.99	49.98	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13:02 Hrs	49.76 Hz at 07:11 Hrs	49.99	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 04/Nov/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	10.45	42.77	577	317
Unit 9	12.29	44.60	630	350
Unit 10	10.37	39.51	540	337
Total	33.11	126.87		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.84	37.31	480	355
Unit 5	9.72	37.92	480	355
Total	19.57	75.24		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	1.37	1.37	180	0
Unit 4	0.00	0.00	0	0
Unit 5	5.15	5.15	370	0
Unit 6	7.77	7.77	440	0
Unit 7	0.00	0.00	0	0
Unit 8	10.27	38.97	500	340
Unit 9	9.06	32.15	493	227
Total	33.63	85.42		
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	0.00	0.00	0	0
Unit 5	1.32	14.34	352	0
Total	1.32	14.34		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.71	6.79	190	115
Unit 5	0.00	4.91	0	0
Total	3.71	11.70		
Uran				
All Units	11.52	45.86	548	405
Total	11.52	45.86		
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)	0.43	2.97	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.43	2.97		
Koyna				
Stage 1-2	3.27	11.38	460	35
Stage 4	3.84	12.61	832	0
Stage 3	1.45	5.55	320	0
Total	8.56	29.54		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.32	0.55	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.31	1.15	80	0
RNGR+BHTSA	0.39	1.52	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.10	0.10	15	0
SMLHY_PTN	0.40	1.36	18	16
GHATGHAR	0.27	1.32	125	0
Total	1.79	6.01		
Wind				
Total	3.66	34.01	0	0
Total	3.66	34.01		
CPP				
APML(Mus)	72.53	288.71	0	0
JSWEL(Mus)	21.01	81.74	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.77	0.77	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	9.14	33.60	0	0
Total	103.46	404.83		
SOLAR				
Total	5.92	18.43	0	0
Total	5.92	18.43		
Tata				
Trombay 5	9.39	34.41	473	296
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.73	10.68	117	90
Trombay 7B	1.56	6.17	66	58
Trombay 8	4.75	18.95	200	196
TATA Hydro	4.83	14.13	435	0
Total	23.25	84.34		
AEML				
DTPS U-1&2	10.52	38.35	501	374
Total	10.52	38.35		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	91.34	313.56	MSPGCL Total	113.21	394.97
			MSPGCL Thml+Gas	102.86	359.42	Koyna 1,2 & 4 Total	7.11	24.00
			MSPGCL Hydro	10.35	35.55	State Total	260.02	974.94

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/Nov/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	2787	205	536	3528	33	4519	0	0	4948	4813	-891	12002	0	12002	2244	14246	50.01
2	2716	99	548	3363	48	4260	0	0	4877	5070	-890	11851	0	11851	2066	13917	49.99
3	2773	134	528	3435	80	4152	0	0	4916	4989	-879	11777	0	11777	1929	13706	49.99
4	2889	134	546	3569	98	4173	0	0	4852	4903	-830	11913	0	11913	1857	13770	49.95
5	3309	174	518	4001	73	4214	0	0	4780	4897	-810	12375	0	12375	1833	14208	49.94
6	3586	421	526	4533	79	4297	0	0	4773	4805	-674	13040	0	13040	1924	14964	49.94
7	3757	744	519	5020	137	4300	0	16	5051	5143	-646	13970	0	13970	2022	15992	49.91
8	3996	735	533	5264	114	4344	0	148	5207	5326	-736	14460	0	14460	2204	16664	49.98
9	4185	589	514	5288	129	4206	0	419	5430	5511	-941	14612	0	14612	2536	17148	50.05
10	4232	317	537	5086	128	4177	0	676	5627	5540	-1197	14410	0	14410	2864	17274	50.02
11	3980	243	470	4693	187	4123	0	831	6124	6217	-1605	14446	0	14446	3085	17531	50.02
12	3903	247	416	4566	140	4122	0	840	6321	6406	-1848	14226	0	14226	3155	17381	50.01
13	3733	208	418	4359	114	4129	0	842	6402	6183	-1834	13793	0	13793	3121	16914	50.01
14	3592	141	416	4149	139	3895	0	798	6370	6343	-1755	13569	0	13569	3029	16598	50.02
15	3562	133	405	4100	108	4103	0	639	6329	6496	-1771	13675	0	13675	3078	16753	49.95
16	3932	252	416	4600	111	4179	0	458	6207	6244	-1768	13824	0	13824	3108	16932	49.94
17	4123	314	419	4856	143	4462	0	208	5602	5539	-1484	13724	0	13724	3090	16814	50.00
18	4128	658	409	5195	117	4542	0	48	5199	5317	-1241	13978	0	13978	3008	16986	49.99
19	4237	1746	454	6437	211	4615	0	0	4971	5260	-1190	15333	0	15333	2973	18306	49.98
20	4401	1545	452	6398	326	4599	0	0	4911	5062	-1148	15237	0	15237	2919	18156	50.05
21	4452	599	495	5546	263	4550	0	0	4884	5039	-1051	14347	0	14347	2774	17121	50.04
22	4469	300	488	5257	266	4639	0	0	4791	4965	-1078	14049	0	14049	2659	16708	49.99
23	4191	284	488	4963	212	4486	0	0	4831	4835	-1183	13313	0	13313	2570	15883	49.92
24	4404	127	474	5005	407	4377	0	0	5058	4718	-1335	13172	0	13172	2502	15674	50.01
MUs	91.34	10.35	11.53	113.21	3.66	103.46	0.00	5.92	128.46	129.62	-28.79	327.10	0.00	327.10	62.55	389.65	49.99

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 04/Nov/2019

Position as on 6.30 Hrs of 05/Nov/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)	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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 By MSEDCL	
MSPGCL	Nasik Unit 3	210	09/10/2019	23.57		Continued.	Under Case 4 Bidding.	
MSPGCL	Khaparkhedha Unit 1	210	12/10/2019	00.11		Continued.	Zero Schedule	
MSPGCL	Khaparkhedha Unit 2	210	12/10/2019	00.17		Continued.	Zero Schedule	
MSPGCL	Khaparkhedha Unit 3	210	13/10/2019	19.57		Continued.	Zero Schedule	
MSPGCL	Parli Unit 8	250	16/10/2019	01.36		Continued.	Flame Failure (Converted To Zero Schedule DT.23.10.2019 18.00.hrs)	
MSPGCL	Khaparkhedha Unit 4	210	22/10/2019	23.52		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Paras Unit 3	250	23/10/2019	00.00		Continued.	Zero Schedule	
MSPGCL	Parli Unit 6	250	23/10/2019	03.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Parli Unit 7	250	23/10/2019	17.00		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit 5	500	25/10/2019	01.03	04/11/2019	06.24	Bus-1 LBB Operation (Converted into zero	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 04/Nov/2019

Position as on 6.30 Hrs of 05/Nov/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							schedule 26.10.2019 at 00.23Hrs).	
MSPGCL	Chandrapur Unit 3	210	25/10/2019	01.03	04/11/2019	11.39	Bus-1 LBB Operation (Converted into zero schedule 26.10.2019 at 00.23Hrs).	
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	26/10/2019	00.30	04/11/2019	18.11	Zero Schedule	
IPP	RPL(AMT) U-4	270	26/10/2019	08.00		Continued.	Zero Schedule	
MSPGCL	Chandrapur Unit 6	500	26/10/2019	21.52	04/11/2019	02.05	Zero Schedule	
MSPGCL	Chandrapur Unit 4	210	31/10/2019	08.16		Continued.	Excessive Consumption of Hydrogen Cylinder.	
MSPGCL	Koyna Unit 4	70	01/11/2019	08.05	04/11/2019	00.30	Injector No 1 Replacement	
MSPGCL	Khaparkheda Unit 5	500	02/11/2019	10.21	04/11/2019	18.05	Boiler Tube Leakage	
MSPGCL	Nasik Unit 5	210	02/11/2019	10.35		Continued.	Boiler Tube Leakage(Converted to Zero Schedule from 19.05Hrs DT.03-11-2019)	
MSPGCL	Uran Unit 8	108	04/11/2019	10.48	04/11/2019	18.04	EXCITAION FAILURE	
MSPGCL	Uran Unit 7	108	05/11/2019	00.17		Continued.	Internal Inspection	
MSPGCL	Uran Unit 8	108	05/11/2019	09.50	05/11/2019	19.05	Bearing vibration high	
MSPGCL	Uran Unit B0	120	05/11/2019	09.50		Continued.	Bearing vibration high	
MSPGCL	Uran Unit 8	108	05/11/2019	20.05	05/11/2019	23.55	Bearing vibration high	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Nov/2019

Statement-VII

Position as on 6.30 Hrs of 05/Nov/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	05/11/2019	21.03		Continued.	PO	To attend Low Oil Level in convertor T/F OLTC
Chandrapur - Padghe Hvdc Pole 1	IntraState	05/11/2019	23.31	05/11/2019	23.46	T	Base Filter Trip
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 Khandwa II	InterState	02/11/2019	13.42		Continued.	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	03/11/2019	10.36	05/11/2019	09.51	HT	Over Voltage
Parli(MS)-Parli (PG) I	InterState	04/11/2019	16.09	05/11/2019	00.12	T	Y-phase LA Brust
Dhule Sar'Sarovar I	InterState	05/11/2019	10.03		Continued.	PO	Maintenance work(RFC 17.20Hrs)
Jaigad-Karad Ckt-I	IntraState	19/10/2019	03.20	04/11/2019	11.34	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	25/10/2019	03.15	04/11/2019	07.04	T	Over Voltage
Chandrapur - Parli	IntraState	26/10/2019	05.58	04/11/2019	06.43	T	Distance Protection (RFC from 26.10.2019 23:14Hrs).
Akola II - RPL(Rattaniindia) Ckt I	IntraState	27/10/2019	14.07		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	02/11/2019	18.06	05/11/2019	10.23	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	04/11/2019	00.44	04/11/2019	08.46	HT	Over Voltage
Karad - Jaigad - II	IntraState	04/11/2019	23.55		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	05/11/2019	02.10	05/11/2019	09.20	HT	Over Voltage
Padghe - Nagothane - I	IntraState	05/11/2019	10.21	05/11/2019	17.30	PO	Testing Work
Khadka-Aurangabad (Waluj)	IntraState	05/11/2019	21.01		Continued.	HT	Over Voltage
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 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 are Damaged.
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	04/11/2019	10.50	05/11/2019	00.30	PO	Diagnostic Testing work
400/220/33 Kv 315 Mva ICT I @ Akola (M)	IntraState	04/11/2019	17.25	04/11/2019	17.57	PO	Differential protection
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)
Ranjangaon-Lonikand	IntraState	31/10/2019	15.29		Continued.	PO	Tower jumps opened.
Trombay - Kalwa	IntraState	02/11/2019	20.24	04/11/2019	09.08	PO	Pilling Work.
Mudshingi-Belewadi	IntraState	04/11/2019	10.08	04/11/2019	13.06	PO	Routine Maintenance Work
Mumewadi-Belewadi	IntraState	04/11/2019	14.09	04/11/2019	16.09	PO	Routine Maintenance Work
Trombay - Kalwa	IntraState	04/11/2019	20.28	05/11/2019	09.32	PO	Pilling work
Kadegaon-Miraj	IntraState	05/11/2019	08.25	05/11/2019	19.54	PO	Tower Erection work
Karad - Kadegaon	IntraState	05/11/2019	08.48	05/11/2019	19.14	PO	Tower Erection work
Lonand-Baramati	IntraState	05/11/2019	10.35	05/11/2019	14.09	PO	Replacement of Flashover String
Vita - Mhaishal	IntraState	05/11/2019	10.39	05/11/2019	13.00	PO	String replacement work
Kalwa1- Airoli Knowledge Park	IntraState	05/11/2019	14.40	05/11/2019	16.46	PO	Earthwire replacement work
Trombay - Kalwa	IntraState	05/11/2019	20.06		Continued.	PO	Tower Pilling Work
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Emco Ict	IntraState	05/11/2019	09.16	05/11/2019	12.10	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 04/Nov/2019

Statement-VII

Position as on 6.30 Hrs of 05/Nov/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Bhenda							