

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Nov/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	129.415	2716.032	1) Gujrat	2.705	75.657
2) Hydro	9.720	208.927	2) Madhya Pradesh	8.602	207.505
3) Gas	6.886	205.965	3) Chattisgarh	7.170	158.820
Total MSPGCL	146.021	3130.924	4) Maharashtra	111.811	2708.401
B) 1) APML	71.514	1689.359	5) Goa (Amona)	-0.440	-11.748
2) JSWEL	19.509	467.802	Total	129.848	3138.635
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.915	614.376
4) RPL(AMT)	0.000	49.977	b) Mumbai Drawl	22.632	680.035
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	25.894	605.734
6) Other IPP	8.984	193.628	Include PX	-0.983	-6.375
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.915	614.376
C) 1) TPCL Thermal	14.055	324.971	Include PX	4.215	192.796
2) TPCL Hydro	0.370	91.127	Standby	0.000	0.000
3) TPCL Gas	4.292	101.973	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.633	240.141	1) MSEDCL	368.608	8309.419
D) STATE			2) Mumbai Discoms	51.982	1438.242
1) Thermal	254.110	5681.910	TOTAL STATE	420.590	9747.661
(A1+C1+C4+(B1-B6))					
2) Hydro	10.090	300.054			
(A2+C2)					
3) Gas	11.178	307.938			
(A3+B7+C3)					
4) Wind	9.553	186.619			
6) SOLAR	5.811	132.510			
TOTAL STATE	290.742	6609.031			

* 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	5749	5629	5707	4907
MSPGCL Hydro	608	561	497	63
MSPGCL Gas	285	272	278	305
MSPGCL Total Generation	6642	6462	6482	5275
Central Sector Receipt	6262	6074	5439	4710
WIND	394	297	346	512
CPP / IPP Thermal	4349	4336	4365	3775
CPP / IPP Gas	0	0	0	0
SOLAR	857	884	0	0
Exchange with Mumbai	-939	-917	-948	-862
MSEDCL DEMAND MET	17565	17136	15684	13410
Load Shedding	0	0	0	0
MSEDCL DEMAND	17565	17136	15684	13410
TPCL GENERATION	856	860	902	663
AEML GENERATION	501	500	499	374
MUMBAI DEMAND	2296	2277	2349	1899
STATE DEMAND MET	19861	19413	18033	15309
STATE DEMAND	19861	19413	18033	15309
Frequency (Hz)	50.01	50.00	50.03	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 06.03 Hrs	49.84 Hz at 11.09 Hrs	50.02	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 24/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	11.96	269.27	600	422
Unit 9	12.83	234.82	600	460
Unit 10	12.16	245.47	550	460
Total	36.95	749.56		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.12	224.16	415	345
Unit 5	9.05	226.16	430	345
Total	18.16	450.32		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.03	64.63	240	188
Unit 7	5.34	64.88	249	187
Unit 8	5.40	65.67	249	195
Total	15.78	195.18		
Chandrapur				
Unit 3	4.12	81.91	185	163
Unit 4	3.55	20.07	160	140
Unit 5	8.81	181.22	380	348
Unit 6	10.00	202.08	470	358
Unit 7	0.00	0.00	0	0
Unit 8	9.76	239.70	450	360
Unit 9	0.00	208.02	0	0
Total	36.25	933.00		
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	3.84	35.06	170	150
Unit 4	4.11	47.58	182	160
Unit 5	10.18	211.55	500	365
Total	18.13	294.19		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	68.64	0	0
Unit 5	4.14	25.14	190	106
Total	4.14	93.78		
Uran				
All Units	6.89	205.96	305	271
Total	6.89	205.96		
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)	0.09	6.23	28	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.09	6.23		
Koyna				
Stage 1-2	3.45	71.21	475	35
Stage 4	3.55	72.15	661	0
Stage 3	1.48	31.47	160	0
Total	8.48	174.83		
Hydro				
KDPH	0.00	1.01	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	1.61	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	6.68	80	0
RNGR+BHTSA	0.40	7.42	17	16
BHANDARDRA	0.00	0.19	0	0
ELDARY	0.18	5.96	8	7
SMLHY_PTN	0.07	4.24	3	2
GHATGHAR	0.38	6.98	125	0
Total	1.24	34.10		
Wind				
Total	9.55	186.62	0	0
Total	9.55	186.62		
CPP				
APML(Mus)	71.51	1689.36	0	0
JSWEL(Mus)	19.51	467.80	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	49.98	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	8.98	193.63	0	0
Total	100.01	2400.77		
SOLAR				
Total	5.81	132.51	0	0
Total	5.81	132.51		
Tata				
Trombay 5	9.33	211.00	478	285
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.72	64.67	116	84
Trombay 7B	1.57	37.30	67	56
Trombay 8	4.72	113.97	199	195
TATA Hydro	0.37	91.13	90	12
Total	18.72	518.07		
AEML				
DTPS U-1&2	10.63	240.14	502	372
Total	10.63	240.14		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	129.42	2716.03	MSPGCL Total	146.02	3130.92
			MSPGCL Thml+Gas	136.30	2922.00	Koyna 1,2 & 4 Total	7.00	143.36
			MSPGCL Hydro	9.72	208.93	State Total	290.74	6609.03

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/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	4883	68	293	5244	398	3895	0	0	5169	5185	-1192	13530	0	13530	2245	15775	50.00
2	4902	68	294	5264	519	3867	0	0	4995	4911	-1051	13510	0	13510	2094	15604	50.00
3	4913	73	285	5271	558	3810	0	0	4856	4672	-942	13369	0	13369	1979	15348	50.02
4	4907	63	305	5275	512	3775	0	0	4579	4710	-862	13410	0	13410	1899	15309	50.03
5	5020	62	286	5368	544	3893	0	0	4813	4943	-815	13933	0	13933	1853	15786	50.00
6	5503	63	297	5863	573	4200	0	0	5022	5179	-856	14959	0	14959	1897	16856	50.05
7	5757	410	298	6465	674	4357	0	5	5268	5292	-713	16080	0	16080	1921	18001	50.05
8	5780	571	298	6649	629	4329	0	118	5267	5433	-625	16533	0	16533	1964	18497	50.02
9	5745	563	284	6592	537	4357	0	347	5361	5469	-699	16603	0	16603	2052	18655	49.99
10	5781	333	301	6415	481	4352	0	626	5634	5667	-815	16726	0	16726	2169	18895	49.99
11	5783	348	276	6407	457	4363	0	766	5909	5987	-890	17090	0	17090	2244	19334	50.01
12	5749	608	285	6642	394	4349	0	857	6099	6262	-939	17565	0	17565	2296	19861	50.01
13	5629	561	272	6462	297	4336	0	884	6155	6074	-917	17136	0	17136	2277	19413	50.00
14	5528	422	272	6222	240	4362	0	823	6042	6162	-872	16937	0	16937	2217	19154	50.03
15	5496	823	271	6590	204	4346	0	687	6036	6146	-902	17071	0	17071	2210	19281	50.04
16	5505	1011	282	6798	164	4356	0	467	6126	6030	-886	16929	0	16929	2211	19140	49.96
17	5619	1313	274	7206	122	4365	0	209	5464	5378	-833	16447	0	16447	2178	18625	50.05
18	5690	1050	288	7028	204	4375	0	22	5116	5035	-808	15856	0	15856	2198	18054	50.05
19	5707	497	278	6482	346	4365	0	0	5334	5439	-948	15684	0	15684	2349	18033	50.03
20	5604	211	299	6114	394	4377	0	0	5354	5270	-1078	15077	0	15077	2366	17443	50.02
21	5054	71	280	5405	379	4193	0	0	5273	5293	-1204	14066	0	14066	2360	16426	50.03
22	4953	60	292	5305	315	3795	0	0	5119	5347	-1225	13537	0	13537	2341	15878	50.05
23	4969	261	292	5522	310	3803	0	0	4919	4978	-1271	13342	0	13342	2342	15684	50.05
24	4938	210	284	5432	302	3787	0	0	4885	4986	-1289	13218	0	13218	2320	15538	50.03
MUs	129.42	9.72	6.89	146.02	9.55	100.01	0.00	5.81	128.79	129.85	-22.63	368.61	0.00	368.61	51.98	420.59	50.02

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 24/Nov/2019

Position as on 6.30 Hrs of 25/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)	
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	
MSPGCL	Uran Unit 5	108	23/11/2019	00.22	25/11/2019	00.04	For Air & Gas Filter Replacement Work.	
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	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 24/Nov/2019

Position as on 6.30 Hrs of 25/Nov/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	JSW (J) U3	300	10/11/2019	18.16	24/11/2019	21.08	Zero schedule.	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Chandrapur Unit 9	500	23/11/2019	10.00	25/11/2019	14.36	Boiler Tube Leakage	
MSPGCL	Uran Unit 8	108	23/11/2019	10.59		Continued.	NG Controller System Trip.	
MSPGCL	Bhusawal Unit 5	500	25/11/2019	08.49		Continued.	Boiler Tube Leakage	
MSPGCL	Koyana Unit 3	70	25/11/2019	12.50		Continued.	Cooler Leakage.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Nov/2019

Statement-VII

Position as on 6.30 Hrs of 25/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	20/11/2019	18.09		Continued.	PO	Annual Maintenance & Diagnostic Testing Work.
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	18/11/2019	20.38	25/11/2019	10.45	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	25/11/2019	17.35		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	22/11/2019	22.07	25/11/2019	10.13	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	23/11/2019	19.29	24/11/2019	09.00	HT	Over Voltage
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	24/11/2019	09.47	24/11/2019	11.45	PO	Line Maintenance work
Khadka-Aurangabad (Waluj)	IntraState	24/11/2019	17.18	25/11/2019	07.49	HT	Over Voltage
Deepnagar Taptitanda	IntraState	25/11/2019	08.08	25/11/2019	19.36	PO	Faulty String Replacement work
N.Koyna-Karad - Ckt II	IntraState	25/11/2019	11.25	25/11/2019	16.21	PO	Attending Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	25/11/2019	19.43		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 Kv 500 MVA ICT-I @Kalwa	IntraState	24/11/2019	09.15	24/11/2019	20.03	PO	Bay Maintenance Testing Work. BPH Neutral Bushing Gasket Replacement.
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	24/11/2019	20.19	24/11/2019	20.30	HT	LV R-PH Isolator Hot Glow.
400/220KV 500MVA ICT-II@Taptitanda	IntraState	25/11/2019	11.50	25/11/2019	18.05	PO	Replacement of R-phase Unit
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)
Padghe - Kambha	IntraState	23/11/2019	10.01	24/11/2019	23.38	PO	CB Overhauling Work.
Trombay Salsette 1 Backbay	IntraState	24/11/2019	08.00	24/11/2019	09.30	PO	Safety Purpose.
Bhira Dharavi 8	IntraState	24/11/2019	12.30	24/11/2019	20.30	PO	Line Maintenance work
Satana-Gangapur	IntraState	24/11/2019	13.03	24/11/2019	15.25	PO	R-Ph Coupling Capacitor Maintenance at Gangapur End.
Bhira Dharavi 7	IntraState	24/11/2019	20.02	24/11/2019	20.28	T	Distance Protection
Miraj-Ichalkaranji I	IntraState	25/11/2019	08.28	25/11/2019	19.56	PO	Faulty String Replacement work
Ekalahara(Ocr)(Nashik)-Navasari II	IntraState	25/11/2019	09.06	25/11/2019	19.02	PO	Line Maintenance work
Oni Kharepatan Line	IntraState	25/11/2019	09.15	25/11/2019	14.35	PO	Routine Maintenance Work
Boisar-Viraj	IntraState	25/11/2019	09.41	25/11/2019	14.55	PO	Routine Maintenance Work
Karad(400kv) - Ogalewadi Ckt 1	IntraState	25/11/2019	09.54	25/11/2019	19.24	PO	Routine Maintenance Work
220 KV ICT Outages/Trippings							
220/132-110kv 100mva Imp Ptr 1 @Wathar	IntraState	25/11/2019	09.50	25/11/2019	16.50	PO	Routine Maintenance Work
220/132-110kv 100mva Imp Ptr 2 @Wathar	IntraState	25/11/2019	09.50	25/11/2019	16.50	PO	Routine Maintenance Work
220/33kv 50mva Bbl Ptr 1 @Talandage 5 Star Midc,Kagal)	IntraState	25/11/2019	10.00	25/11/2019	15.20	PO	Routine Maintenance Work

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