

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Nov/2019 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	136.485	3250.499	1) Gujrat	5.111	93.612
2) Hydro	9.084	249.716	2) Madhya Pradesh	11.864	249.935
3) Gas	10.195	246.855	3) Chattisgarh	7.960	189.660
Total MSPGCL	155.764	3747.070	4) Maharashtra	116.277	3165.268
B) 1) APML	66.768	1966.822	5) Goa (Amona)	-0.616	-14.124
2) JSWEL	23.435	560.809	Total	140.596	3684.351
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.098	715.989
4) RPL(AMT)	0.000	49.977	b) Mumbai Drawl	27.425	789.773
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	30.176	714.831
6) Other IPP	11.828	235.965	Include PX	0.364	-4.470
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.098	715.989
C) 1) TPCL Thermal	14.451	381.875	Include PX	7.477	223.818
2) TPCL Hydro	3.801	107.638	Standby	0.000	0.000
3) TPCL Gas	4.365	119.386	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.670	282.788	1) MSEDCL	387.135	9845.577
D) STATE			2) Mumbai Discoms	60.712	1681.460
1) Thermal	263.637	6728.735	TOTAL STATE	447.847	11527.037
(A1+C1+C4+(B1-B6))					
2) Hydro	12.885	357.354			
(A2+C2)					
3) Gas	14.560	366.241			
(A3+B7+C3)					
4) Wind	10.523	234.434			
6) SOLAR	5.646	155.922			
TOTAL STATE	307.251	7842.686			

* 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	6012	6006	6065	5117
MSPGCL Hydro	549	267	563	70
MSPGCL Gas	407	406	421	421
MSPGCL Total Generation	6968	6679	7049	5608
Central Sector Receipt	6795	6990	5679	4617
WIND	415	328	217	720
CPP / IPP Thermal	4644	4653	4641	3716
CPP / IPP Gas	0	0	0	0
SOLAR	849	863	0	0
Exchange with Mumbai	-1356	-1519	-1229	-834
MSEDCL DEMAND MET	18315	17994	16357	13827
Load Shedding	0	0	0	0
MSEDCL DEMAND	18315	17994	16357	13827
TPCL GENERATION	1199	978	1211	689
AEML GENERATION	501	498	500	374
MUMBAI DEMAND	3056	2995	2940	1897
STATE DEMAND MET	21371	20989	19297	15724
STATE DEMAND	21371	20989	19297	15724
Frequency (Hz)	50.01	50.02	50.04	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.25 Hz at 22.02 Hrs	49.82 Hz at 14.16 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 28/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	12.27	319.59	564	460
Unit 9	13.29	288.46	637	460
Unit 10	11.64	293.38	540	460
Total	37.21	901.44		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.19	261.98	425	350
Unit 5	9.47	242.26	480	350
Total	18.66	504.24		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.32	85.97	257	190
Unit 7	5.32	86.54	249	187
Unit 8	5.32	87.40	246	195
Total	15.96	259.90		
Chandrapur				
Unit 3	3.92	97.87	184	147
Unit 4	3.77	34.24	170	120
Unit 5	8.78	215.62	380	336
Unit 6	9.96	241.83	460	360
Unit 7	0.00	0.00	0	0
Unit 8	10.42	280.37	495	360
Unit 9	9.88	240.76	460	337
Total	46.74	1110.69		
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	47.45	0	0
Unit 4	4.17	64.38	195	160
Unit 5	9.70	252.10	460	360
Total	13.87	363.92		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	68.64	0	0
Unit 5	4.04	41.66	185	153
Total	4.04	110.29		
Uran				
All Units	10.20	246.86	444	401
Total	10.20	246.86		
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)	0.13	6.65	21	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.13	6.65		
Koyna				
Stage 1-2	4.14	84.86	440	35
Stage 4	2.35	88.03	684	0
Stage 3	1.23	37.86	160	0
Total	7.72	210.74		
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.	0.30	7.68	80	0
RNGR+BHTSA	0.40	9.01	17	16
BHANDARDRA	0.00	0.19	0	0
ELDARY	0.00	5.96	0	0
SMLHY_PTN	0.29	5.07	13	12
GHATGHAR	0.38	8.45	125	0
Total	1.37	38.97		
Wind				
Total	10.52	234.43	0	0
Total	10.52	234.43		
CPP				
APML(Mus)	66.77	1966.82	0	0
JSWEL(Mus)	23.44	560.81	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)	11.83	235.96	0	0
Total	102.03	2813.57		
SOLAR				
Total	5.65	155.92	0	0
Total	5.65	155.92		
Tata				
Trombay 5	9.76	249.66	484	302
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	75.75	116	114
Trombay 7B	1.59	43.63	67	65
Trombay 8	4.69	132.22	197	192
TATA Hydro	3.80	107.64	397	0
Total	22.62	608.90		
AEML				
DTPS U-1&2	10.67	282.79	501	370
Total	10.67	282.79		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	136.48	3250.50	MSPGCL Total	155.76	3747.07
			MSPGCL Thml+Gas	146.68	3497.35	Koyna 1,2 & 4 Total	6.49	172.89
			MSPGCL Hydro	9.08	249.72	State Total	307.25	7842.69

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/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	5138	145	429	5712	625	3733	0	0	4846	4872	-1125	13817	0	13817	2188	16005	50.03
2	5117	95	442	5654	594	3736	0	0	4796	4741	-954	13771	0	13771	2015	15786	50.01
3	5117	70	421	5608	720	3716	0	0	4632	4617	-834	13827	0	13827	1897	15724	50.01
4	5122	65	431	5618	746	3725	0	0	4581	4590	-755	13924	0	13924	1818	15742	50.02
5	5120	65	441	5626	849	3716	0	0	4885	4910	-741	14360	0	14360	1803	16163	50.05
6	5340	254	433	6027	866	3866	0	0	5384	5906	-837	15828	0	15828	1897	17725	50.05
7	6151	471	433	7055	764	4267	0	1	5662	5763	-825	17025	0	17025	2049	19074	50.03
8	6130	961	444	7535	689	4256	0	105	5711	5935	-811	17709	0	17709	2217	19926	50.04
9	6037	833	430	7300	640	4281	0	372	5919	6326	-965	17954	0	17954	2483	20437	50.03
10	5989	337	426	6752	599	4278	0	609	6521	6551	-1167	17622	0	17622	2785	20407	50.01
11	5974	416	432	6822	475	4546	0	797	6448	6502	-1300	17842	0	17842	2987	20829	50.00
12	6012	549	407	6968	415	4644	0	849	6709	6795	-1356	18315	0	18315	3056	21371	50.01
13	6006	267	406	6679	328	4653	0	863	6942	6990	-1519	17994	0	17994	2995	20989	50.02
14	6020	358	413	6791	201	4621	0	785	6749	6853	-1399	17852	0	17852	2880	20732	50.02
15	5957	680	401	7038	176	4643	0	633	6881	6990	-1463	18017	0	18017	2972	20989	49.98
16	6006	734	414	7154	138	4627	0	429	6782	6664	-1250	17762	0	17762	3002	20764	49.99
17	5962	913	416	7291	122	4655	0	186	6351	6467	-1228	17493	0	17493	2970	20463	50.02
18	5992	402	419	6813	167	4665	0	17	6076	6199	-1204	16657	0	16657	2929	19586	50.03
19	6065	563	421	7049	217	4641	0	0	5564	5679	-1229	16357	0	16357	2940	19297	50.04
20	6052	334	425	6811	222	4625	0	0	5411	5390	-1173	15875	0	15875	2841	18716	50.04
21	5463	83	425	5971	217	4360	0	0	5368	5519	-1307	14760	0	14760	2657	17417	50.02
22	5388	253	428	6069	233	3984	0	0	5352	5439	-1319	14406	0	14406	2534	16940	50.06
23	5216	98	428	5742	252	3960	0	0	5489	5516	-1351	14119	0	14119	2436	16555	50.04
24	5111	138	430	5679	268	3833	0	0	5339	5382	-1313	13849	0	13849	2361	16210	50.01
MUs	136.48	9.08	10.19	155.76	10.52	102.03	0.00	5.65	138.40	140.60	-27.42	387.13	0.00	387.13	60.71	447.85	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 28/Nov/2019

Position as on 6.30 Hrs of 29/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	
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 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	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.	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 28/Nov/2019

Position as on 6.30 Hrs of 29/Nov/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 8	108	23/11/2019	10.59	29/11/2019	20.00	NG Controller System Trip.	
MSPGCL	Khaparkheda Unit 3	210	27/11/2019	22.53		Continued.	Zero Schedule.	
MSPGCL	Khaparkheda Unit 4	210	29/11/2019	17.45		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 10	660	29/11/2019	18.11		Continued.	Preheater Jam.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Nov/2019

Statement-VII

Position as on 6.30 Hrs of 29/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 1	IntraState	28/11/2019	11.34		Continued.	PO	Annual Maintenance Work & Diagnostic Testing Work.
Chandrapur - Padghe Hvdc Pole 2	IntraState	29/11/2019	23.02		Continued.	PO	Smoothing Reactor Oil Top Up 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	27/11/2019	19.25	29/11/2019	07.24	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	29/11/2019	09.50		Continued.	PO	Disc Insulator Replacement Work. (RFC at 16.45hrs)
Khadka-Aurangabad (Waluj)	IntraState	27/11/2019	18.58	28/11/2019	00.38	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	28/11/2019	07.38	28/11/2019	16.46	PO	Replacement Of Insulator.
Chandrapur-II - Nanded ckt II	IntraState	28/11/2019	15.23	29/11/2019	07.36	PO	Jaw Replacement Work
Khadka-Aurangabad (Waluj)	IntraState	28/11/2019	17:13	29/11/2019	08.59	HT	Over Voltage
Koradi 2-IEPL	IntraState	29/11/2019	13.40	29/11/2019	14.45	T	Distance Protection
Koradi III(Adani)-Koradi II ckt 2	IntraState	29/11/2019	15.31	29/11/2019	18.58	EO	Attending Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	29/11/2019	19.03		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-3 @Nagothane	IntraState	28/11/2019	10.07	28/11/2019	18.58	PO	Attending CTR panel Related Problems.
400/220/33 Kv 315 Mva ICT 2 @Padghe	IntraState	29/11/2019	09.37	29/11/2019	19.56	PO	For Diagnostic Testing Work,Attending Hot Spot,Replacement Of Buchholz
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)
Mahalakshmi Amona	InterState	28/11/2019	06.42	28/11/2019	07.49	T	Tripped At Amona End Only.
Tillari Amona	InterState	28/11/2019	06.42	28/11/2019	07.49	T	Tripped At Amona End Only.
EKLAHARE (OCR) Nasik Navsari II	InterState	28/11/2019	09.11	28/11/2019	17.19	PO	Replacement Of Insulator.
Mahalakshmi Amona	InterState	28/11/2019	15.28	28/11/2019	16.22	T	Tripped At Amona End Only.
Tillari Amona	InterState	28/11/2019	15.28	28/11/2019	18.05	PO	Tripped At Amona 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		Continued.	PO	Construction Work
Topworth - Kharghar	IntraState	26/11/2019	12.11		Continued.	PO	Construction Work
TPC Borivali Aarey Line 1	IntraState	28/11/2019	08.21	28/11/2019	16.59	PO	Gantry Erection Work.
Karad -Mudshingi Ckt- IV	IntraState	28/11/2019	09.22	28/11/2019	16.30	PO	Overhauling Of CB.
Roma-Bhavegar	IntraState	28/11/2019	09.41	28/11/2019	18.15	PO	Replacment Of PID Faulty Insulator.
Lonikand-VSNL	IntraState	28/11/2019	09.47	28/11/2019	18.14	PO	Double Jumpering Work.
Ghatghar - Bapgaon	IntraState	28/11/2019	09.56	28/11/2019	18.12	PO	Earthwire Repalcement Work.
Eklahare (Gcr)(Nashik)- Ghatghar	IntraState	28/11/2019	10.07	28/11/2019	18.11	PO	Earth wire Replacement Work.
Nerle - Dasgaon	IntraState	28/11/2019	11.30	28/11/2019	17.12	PO	Distance Relay Testing Work
220kv Halkarni- Tillary	IntraState	28/11/2019	15.28	28/11/2019	16.22	T	Tripped At Halkarni End Only.
Pedambe-Nerle	IntraState	29/11/2019	08.20	29/11/2019	16.50	PO	Bay Maintenance Work.
Vsnl-512 Khadki	IntraState	29/11/2019	10.54	29/11/2019	15.56	PO	String Replacement Work & Half Yearly Maintenance Work.
Butibori-Butibori Rly Tss	IntraState	29/11/2019	11.25	29/11/2019	16.25	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 28/Nov/2019

Statement-VII

Position as on 6.30 Hrs of 29/Nov/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Badnera-Akola I	IntraState	29/11/2019	11.51	29/11/2019	15.11	PO	Faulty Disc Replacement.
Padghe - Wada	IntraState	29/11/2019	23.01	29/11/2019	23.05	EO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/22-22 KV 100 MVA PTR 3 @ PAL-DOMBIVALI	IntraState	28/11/2019	11.30	28/11/2019	19.20	PO	Testing Work