

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Nov/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	132.036	3382.535	1) Gujrat	5.764	99.376
2) Hydro	14.464	264.180	2) Madhya Pradesh	11.746	261.681
3) Gas	10.161	257.016	3) Chattisgarh	7.660	197.320
Total MSPGCL	156.661	3903.731	4) Maharashtra	116.917	3282.185
B) 1) APMIL	70.853	2037.675	5) Goa (Amona)	-0.572	-14.696
2) JSWEL	23.882	584.691	Total	141.515	3825.866
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.348	741.337
4) RPL(AMT)	0.000	49.977	b) Mumbai Drawl	28.081	817.854
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	27.410	742.241
6) Other IPP	11.422	247.387	Include PX	0.348	-4.123
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.348	741.337
C) 1) TPCL Thermal	14.417	396.292	Include PX	6.571	230.389
2) TPCL Hydro	4.222	111.860	Standby	0.000	0.000
3) TPCL Gas	4.213	123.599	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.763	293.551	1) MSEDCL	386.288	10231.865
D) STATE			2) Mumbai Discoms	61.696	1743.156
1) Thermal	263.373	6992.108	TOTAL STATE	447.984	11975.021
(A1+C1+C4+(B1-B6))					
2) Hydro	18.686	376.040			
(A2+C2)					
3) Gas	14.374	380.615			
(A3+B7+C3)					
4) Wind	4.923	239.357			
6) SOLAR	5.113	161.035			
TOTAL STATE	306.469	8149.155			

* 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	5823	5832	5382	5047
MSPGCL Hydro	1033	780	823	74
MSPGCL Gas	408	414	420	438
MSPGCL Total Generation	7264	7026	6625	5559
Central Sector Receipt	6687	6645	5793	5238
WIND	220	197	275	202
CPP / IPP Thermal	4708	4701	4730	3876
CPP / IPP Gas	0	0	0	0
SOLAR	807	773	0	0
Exchange with Mumbai	-1442	-1576	-1242	-827
MSEDCL DEMAND MET	18244	17766	16181	14048
Load Shedding	0	0	0	0
MSEDCL DEMAND	18244	17766	16181	14048
TPCL GENERATION	1183	1010	1268	638
AEML GENERATION	503	500	499	372
MUMBAI DEMAND	3128	3086	3009	1837
STATE DEMAND MET	21372	20852	19190	15885
STATE DEMAND	21372	20852	19190	15885
Frequency (Hz)	50.01	49.99	50.00	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18.00 Hrs	49.81 Hz at 06.11 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 29/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	11.81	331.40	541	460
Unit 9	12.48	300.95	617	465
Unit 10	7.26	300.64	480	0
Total	31.55	932.99		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.57	271.55	450	355
Unit 5	9.94	252.20	465	355
Total	19.51	523.76		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.40	91.37	250	187
Unit 7	5.37	91.91	249	186
Unit 8	5.55	92.96	250	198
Total	16.33	276.23		
Chandrapur				
Unit 3	3.99	101.86	189	136
Unit 4	3.49	37.74	165	127
Unit 5	8.76	224.38	375	349
Unit 6	10.28	252.11	465	360
Unit 7	0.00	0.00	0	0
Unit 8	10.52	290.89	495	360
Unit 9	10.37	251.13	480	350
Total	47.41	1158.10		
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	2.85	67.22	205	0
Unit 5	10.17	262.26	485	360
Total	13.02	376.94		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	68.64	0	0
Unit 5	4.22	45.87	196	155
Total	4.22	114.51		
Uran				
All Units	10.16	257.02	463	401
Total	10.16	257.02		
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)	0.30	6.95	47	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.30	6.95		
Koyna				
Stage 1-2	4.20	89.06	495	35
Stage 4	6.45	94.48	936	0
Stage 3	2.53	40.38	240	0
Total	13.17	223.92		
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.	0.27	7.95	80	0
RNGR+BHTSA	0.33	9.34	17	0
BHANDARDRA	0.00	0.19	0	0
ELDARY	0.00	5.96	0	0
SMLHY_PTN	0.27	5.34	12	11
GHATGHAR	0.42	8.87	125	0
Total	1.29	40.26		
Wind				
Total	4.92	239.36	0	0
Total	4.92	239.36		
CPP				
APML(Mus)	70.85	2037.68	0	0
JSWEL(Mus)	23.88	584.69	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)	11.42	247.39	0	0
Total	106.16	2919.73		
SOLAR				
Total	5.11	161.04	0	0
Total	5.11	161.04		
Tata				
Trombay 5	9.73	259.39	481	283
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.66	78.41	116	96
Trombay 7B	1.55	45.19	67	59
Trombay 8	4.68	136.90	197	192
TATA Hydro	4.22	111.86	420	0
Total	22.85	631.75		
AEML				
DTPS U-1&2	10.76	293.55	503	370
Total	10.76	293.55		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	132.04	3382.54	MSPGCL Total	156.66	3903.73
			MSPGCL Thml+Gas	142.20	3639.55	Koyna 1,2 & 4 Total	10.64	183.53
			MSPGCL Hydro	14.46	264.18	State Total	306.47	8149.16

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/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	5045	279	437	5761	237	3728	0	0	5308	5343	-1162	13907	0	13907	2207	16114	50.03
2	5044	74	430	5548	198	3858	0	0	5362	5376	-986	13994	0	13994	2031	16025	49.98
3	5041	64	418	5523	217	3861	0	0	5237	5261	-866	13996	0	13996	1911	15907	50.00
4	5047	74	438	5559	202	3876	0	0	5185	5238	-827	14048	0	14048	1837	15885	50.01
5	5185	181	430	5796	153	3977	0	0	5215	5525	-810	14641	0	14641	1813	16454	50.03
6	5997	479	429	6905	147	4328	0	0	5436	5543	-834	16089	0	16089	1913	18002	50.00
7	6042	1002	439	7483	206	4392	0	2	6130	6111	-748	17446	0	17446	2072	19518	50.00
8	5960	1590	431	7981	192	4387	0	106	5822	6150	-811	18005	0	18005	2225	20230	50.02
9	6022	1658	419	8099	211	4367	0	347	5813	5927	-978	17973	0	17973	2508	20481	50.03
10	5883	872	435	7190	204	4361	0	586	6158	6112	-1168	17285	0	17285	2811	20096	49.99
11	5815	909	422	7146	182	4657	0	761	6228	6448	-1332	17862	0	17862	3040	20902	50.05
12	5823	1033	408	7264	220	4708	0	807	6488	6687	-1442	18244	0	18244	3128	21372	50.01
13	5832	780	414	7026	197	4701	0	773	6649	6645	-1576	17766	0	17766	3086	20852	49.99
14	5863	566	401	6830	162	4710	0	690	6602	6734	-1482	17644	0	17644	2974	20618	50.03
15	5840	695	401	6936	175	4739	0	544	6834	6865	-1481	17778	0	17778	3021	20799	49.97
16	5934	751	421	7106	140	4747	0	338	6652	6681	-1324	17688	0	17688	3068	20756	49.97
17	5979	709	404	7092	153	4736	0	142	6178	6230	-1287	17066	0	17066	3040	20106	49.96
18	5869	500	417	6786	172	4722	0	17	5793	5724	-1244	16177	0	16177	3001	19178	49.96
19	5382	823	420	6625	275	4730	0	0	5591	5793	-1242	16181	0	16181	3009	19190	50.00
20	5387	478	411	6276	285	4740	0	0	5397	5517	-1143	15675	0	15675	2891	18566	49.99
21	4834	220	431	5485	245	4454	0	0	5377	5555	-1332	14407	0	14407	2727	17134	49.99
22	4717	498	423	5638	219	4351	0	0	5236	5509	-1333	14384	0	14384	2554	16938	50.00
23	4830	167	419	5416	256	4559	0	0	5386	5182	-1345	14068	0	14068	2447	16515	49.96
24	4665	62	463	5190	275	4468	0	0	5396	5359	-1328	13964	0	13964	2382	16346	49.98
MUs	132.04	14.46	10.16	156.66	4.92	106.16	0.00	5.11	139.47	141.51	-28.08	386.29	0.00	386.29	61.70	447.98	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 29/Nov/2019

Position as on 6.30 Hrs of 30/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	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.	
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 29/Nov/2019

Position as on 6.30 Hrs of 30/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.	
MSPGCL	Uran Unit 6	108	30/11/2019	02.32		Continued.	Air Filter Replacement.	
MSPGCL	Uran Unit 8	108	30/11/2019	19.14		Continued.	Over Speed Bolt Trip.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Nov/2019

Statement-VII

Position as on 6.30 Hrs of 30/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	30/11/2019	01.02	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	30/11/2019	07.14	PO	Disc Insulator Replacement Work. (RFC at 16.45hrs)
Padgha Tarapur I	InterState	30/11/2019	13.09	30/11/2019	18.28	PO	Rectify Broken Jumper
Dhule Sar'Sarovar I	InterState	30/11/2019	17.20		Continued.	HT	Over Voltage
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	30/11/2019	09.02	HT	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	30/11/2019	04.17	30/11/2019	05.53	T	R-Ph CT Burst at Lamboti end.
Girwali-Solapur (Lamboti)	IntraState	30/11/2019	15.53	30/11/2019	19.07	EO	Stability Test For Teed Protection
Khadka-Aurangabad (Waluj)	IntraState	30/11/2019	19.31		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 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
400/220 Kv 315 MVA ICT -I @New Koyana	IntraState	30/11/2019	09.54	30/11/2019	12.31	PO	LV CB Shifted on TBC as Genral Lockout indication Received
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		Continued.	PO	Construction Work
Topworth - Kharghar	IntraState	26/11/2019	12.11		Continued.	PO	Construction Work
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
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
Dahanu Ghodbunder Line 1	IntraState	30/11/2019	07.23	30/11/2019	13.17	PO	Attending CVT Oil Leakage
Mahape - TIFIL	IntraState	30/11/2019	07.26	30/11/2019	18.40	PO	Earthwire Replacement Work
Boisar II - Tarapur	IntraState	30/11/2019	07.29	30/11/2019	19.33	PO	Construction Work
Ekalahara(Ocr)(Nashik)-Navasari II	IntraState	30/11/2019	09.00	30/11/2019	17.36	PO	Insulator Replacement work
Wada - Bhavghar	IntraState	30/11/2019	09.02	30/11/2019	18.15	PO	Faulty Insulator String Replacement Work
Ghatghar - Bapgaon	IntraState	30/11/2019	09.28	30/11/2019	15.35	PO	OPGW Earthwire Replacement Work
Kharghar-Borivali ckt II	IntraState	30/11/2019	09.41	30/11/2019	16.40	PO	OPGW Earthwire Replacement 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 29/Nov/2019

Statement-VII

Position as on 6.30 Hrs of 30/Nov/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Phursungi-Serum	IntraState	30/11/2019	10.05	30/11/2019	18.23	PO	Replacement work
Chinchwad-Hinjewadi I	IntraState	30/11/2019	10.08	30/11/2019	17.30	PO	Urse -Talegaon outage
Sahara-Urse	IntraState	30/11/2019	10.45	30/11/2019	17.22	PO	Urse -Talegaon Outage
Urse - Talegaon (Ambi) Ckt 2	IntraState	30/11/2019	10.50	30/11/2019	17.21	PO	Half yearly maintenance work
Apta - Taloja	IntraState	30/11/2019	10.53	30/11/2019	12.32	PO	Jumper & Nut Bolt Tightening Work
Apta - Kalwa1	IntraState	30/11/2019	12.49	30/11/2019	14.23	PO	Jumper & Nut Bolt Tightening Work
Nagothane - Posco	IntraState	30/11/2019	15.04	30/11/2019	17.23	EO	Attending CT Oil Leakage
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT I @Pal-Dombivali	IntraState	30/11/2019	08.28	30/11/2019	19.15	PO	Replacement work
220/100 Kv 200 MVA ICT IV @Apta	IntraState	30/11/2019	11.25		Continued.	PO	Heavy Oil Leakage