

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 29/Jan/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.926	3664.438	1) Gujrat	6.068	144.712
2) Hydro	12.657	348.294	2) Madhya Pradesh	13.264	364.094
3) Gas	5.721	156.478	3) Chattisgarh	5.990	194.090
Total MSPGCL	160.304	4169.210	4) Maharashtra	126.002	3417.132
B) 1) APMIL	73.379	2064.761	5) Goa (Amona)	-0.594	-15.554
2) JSWEL	22.947	702.800	Total	150.730	4104.474
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.328	633.883
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.567	667.815
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	30.690	824.323
6) Other IPP	14.912	443.933	Include PX	4.912	159.258
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.328	632.958
C) 1) TPCL Thermal	14.243	418.003	Include PX	11.829	238.481
2) TPCL Hydro	4.187	96.637	Standby	0.000	0.925
3) TPCL Gas	2.521	61.636	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.205	178.394	1) MSEDCL	411.908	11243.083
D) STATE			2) Mumbai Discoms	49.723	1422.487
1) Thermal	272.612	7472.329	TOTAL STATE	461.631	12665.570
(A1+C1+C4+(B1-B6))					
2) Hydro	16.844	444.931			
(A2+C2)					
3) Gas	8.242	218.114			
(A3+B7+C3)					
4) Wind	6.166	254.168			
6) SOLAR	7.037	171.552			
TOTAL STATE	310.901	8561.094			

* 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 24 Hrs
MSPGCL Thermal	5988	5980	6039	5201
MSPGCL Hydro	1161	567	177	257
MSPGCL Gas	273	243	235	234
MSPGCL Total Generation	7422	6790	6451	5692
Central Sector Receipt	7949	7663	6160	5331
WIND	304	293	134	329
CPP / IPP Thermal	4808	4767	4738	4178
CPP / IPP Gas	0	0	0	0
SOLAR	948	982	1	0
Exchange with Mumbai	-1249	-1162	-1266	-839
MSEDCL DEMAND MET	20182	19333	16218	14691
Load Shedding	0	0	0	0
MSEDCL DEMAND	20182	19333	16218	14691
TPCL GENERATION	1103	1097	851	648
AEML GENERATION	251	250	193	192
MUMBAI DEMAND	2603	2509	2310	1679
STATE DEMAND MET	22785	21842	18528	16370
STATE DEMAND	22785	21842	18528	16370
Frequency (Hz)	49.98	49.93	49.97	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 12.01 Hrs	49.8 Hz at 07.25 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 29/Jan/2020

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	10.57	316.33	578	120
Unit 9	10.92	316.77	565	362
Unit 10	10.25	281.92	531	310
Total	31.75	915.02		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.31	79.16	250	188
Unit 7	5.41	85.38	249	194
Unit 8	5.34	133.14	250	198
Total	16.06	297.67		
Chandrapur				
Unit 3	4.22	121.18	188	158
Unit 4	0.13	96.66	52	0
Unit 5	7.24	225.17	310	287
Unit 6	10.55	295.15	480	350
Unit 7	10.05	83.25	460	370
Unit 8	11.15	310.80	470	410
Unit 9	11.60	306.13	500	470
Total	54.94	1438.33		
Paras				
Unit 3	2.70	136.89	230	0
Unit 4	5.07	150.12	254	0
Total	7.78	287.01		
Khaparkheda				
Unit 1	3.92	72.78	185	150
Unit 2	4.08	73.56	190	150
Unit 3	4.32	75.96	200	158
Unit 4	4.49	81.47	200	109
Unit 5	10.80	307.42	475	430
Total	27.61	611.20		
Nasik				
Unit 3	3.78	110.92	194	158
Unit 4	0.00	4.30	0	0
Unit 5	0.00	0.00	0	0
Total	3.78	115.22		
Uran				
All Units	5.72	156.48	277	152
Total	5.72	156.48		
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)	0.26	4.93	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.26	4.93		
Koyna				
Stage 1-2	3.80	98.62	570	40
Stage 4	4.08	130.86	759	0
Stage 3	1.76	49.10	320	0
Total	9.64	278.58		
Hydro				
KDPH	0.89	8.70	37	37
VTRNA	0.00	0.00	0	0
TILLARI	0.54	13.72	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	4.04	63	0
RNGR+BHTSA	0.33	10.07	14	13
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.05	0	0
SMLHY_PTN	0.45	10.39	30	15
GHATGHAR	0.70	22.74	125	0
Total	3.02	69.72		
Wind				
Total	6.17	254.17	0	0
Total	6.17	254.17		
CPP				
APML(Mus)	73.38	2064.76	0	0
JSWEL(Mus)	22.95	702.80	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)	14.91	443.93	0	0
Total	111.24	3211.49		
SOLAR				
Total	7.04	171.55	0	0
Total	7.04	171.55		
Tata				
Trombay 5	9.18	269.63	474	289
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.44	35.21	85	51
Trombay 7B	1.08	26.43	57	40
Trombay 8	5.06	148.37	243	183
TATA Hydro	4.19	96.64	294	0
Total	20.95	576.28		
AEML				
DTPS U-1&2	5.20	178.39	251	192
Total	5.20	178.39		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	141.93	3664.44	MSPGCL Total	160.30	4169.21
			MSPGCL Thml+Gas	147.65	3820.92	Koyna 1,2 & 4 Total	7.88	229.48
			MSPGCL Hydro	12.66	348.29	State Total	310.90	8561.09

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/Jan/2020

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	5607	105	161	5873	369	4648	0	0	5501	5120	-835	15175	0	15175	1697	16872	50.03
2	5526	110	152	5788	336	4309	0	0	5377	5342	-736	15039	0	15039	1581	16620	50.05
3	5528	105	189	5822	323	4242	0	0	5339	5190	-692	14885	0	14885	1515	16400	49.99
4	5602	110	242	5954	371	4216	0	0	5311	5192	-656	15077	0	15077	1470	16547	49.99
5	5789	117	269	6175	255	4386	0	0	5240	5469	-670	15615	0	15615	1474	17089	50.00
6	5936	157	260	6353	176	4765	0	0	5852	6008	-674	16628	0	16628	1610	18238	50.00
7	6092	1032	277	7401	142	4863	0	1	6314	6189	-686	17910	0	17910	1832	19742	49.98
8	6132	1673	276	8081	116	4907	0	80	6356	6550	-763	18971	0	18971	2012	20983	49.94
9	6088	1930	277	8295	94	4959	0	360	6313	6654	-941	19421	0	19421	2262	21683	50.03
10	5921	1838	276	8035	163	4973	0	687	6857	6977	-1151	19684	0	19684	2477	22161	50.01
11	5944	1345	274	7563	255	4845	0	817	7564	7368	-1236	19612	0	19612	2588	22200	49.99
12	5988	1161	273	7422	304	4808	0	948	7837	7949	-1249	20182	0	20182	2603	22785	49.98
13	5980	567	243	6790	293	4767	0	982	7805	7663	-1162	19333	0	19333	2509	21842	49.93
14	6078	202	233	6513	291	4777	0	956	7745	7505	-1104	18938	0	18938	2372	21310	49.98
15	6177	187	233	6597	285	4792	0	918	7697	7526	-1280	18838	0	18838	2349	21187	49.99
16	6179	477	232	6888	237	4793	0	711	7316	7208	-1103	18734	0	18734	2348	21082	49.98
17	6110	282	223	6615	185	4812	0	425	6776	6902	-1002	17937	0	17937	2351	20288	50.00
18	6084	212	235	6531	136	4795	0	151	6342	6088	-1037	16664	0	16664	2321	18985	50.00
19	6039	177	235	6451	134	4738	0	1	6125	6160	-1266	16218	0	16218	2310	18528	49.97
20	6173	197	234	6604	169	4623	0	0	5987	6072	-1250	16218	0	16218	2298	18516	49.99
21	6197	122	234	6553	441	4458	0	0	5717	5637	-1161	15928	0	15928	2182	18110	50.01
22	6024	112	235	6371	408	4343	0	0	5499	5276	-1051	15347	0	15347	2020	17367	50.03
23	5531	182	224	5937	354	4241	0	0	5397	5354	-1023	14863	0	14863	1863	16726	49.99
24	5201	257	234	5692	329	4178	0	0	5330	5331	-839	14691	0	14691	1679	16370	49.96
MUs	141.93	12.66	5.72	160.30	6.17	111.24	0.00	7.04	151.60	150.73	-23.57	411.91	0.00	411.91	49.72	461.63	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 29/Jan/2020

Position as on 6.30 Hrs of 30/Jan/2020

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	Ghatghar Unit-1	125	25/09/2019	04.20		Continued.	Withdrawn On Shaft Seal Water Leakage.Converted to AOH From 1 Nov 2019.	
AEML	AEML Unit 2	250	06/01/2020	18.44		Continued.	Annual Overhaul	
MSPGCL	Koyna STG-IV Unit-3	250	20/01/2020	09.00		Continued.	Maintenance work	
MSPGCL	Chandrapur Unit 5	500	30/01/2020	12.30		Continued.	Annual Maintenance Work.	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
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	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)	
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	
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.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 04.25Hrs DT. 13-12-2019)	
MSPGCL	Bhusawal Unit 5	500	23/12/2019	22.05		Continued.	Boiler Tube Leakage(Converted to Zero Schedule from 22.00Hrs DT. 26-12-2019)	
MSPGCL	Bhusawal Unit 4	500	29/12/2019	00.57		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Nasik Unit 4	210	21/01/2020	10.30		Continued.	Zero schedule	
IPP	RPL(AMT) U-1	270	25/01/2020	0:00	30/01/2020	02:25	Zero Schedule by MSEDCL	
MSPGCL	Chandrapur Unit 4	210	26/01/2020	07.00	29/01/2020	20.52	Boiler Tube Leakage	
MSPGCL	Uran Unit 6	108	28/01/2020	01.40		Continued.	Routine Operating Hour Equalization Of Units.	
MSPGCL	Uran Unit A0	120	28/01/2020	22.03		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	28/01/2020	22.03		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 29/Jan/2020

Position as on 6.30 Hrs of 30/Jan/2020

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	28/01/2020	22.44	29/01/2020	01.57	Tripped	
MSPGCL	Paras Unit 3	250	29/01/2020	08.47	29/01/2020	18.50	Furnace Pressure High	
MSPGCL	Paras Unit 4	250	29/01/2020	22.25	30/01/2020	01.27	Due To Electircal Board Fault.	
MSPGCL	Khaparkheda Unit 4	210	29/01/2020	23.41	30/01/2020	01.43	Furnace Pressure High	
MSPGCL	Parli Unit 8	250	30/01/2020	22.31		Continued.	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 30/Jan/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi-III - Akola-II ckt-I	IntraState	29/01/2020	09.39	29/01/2020	15.41	PO	Routine Maintenance Work
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	30/01/2020	12.12	30/01/2020	14.19	PO	To Attend Water leakage In Valve hall.
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	28/01/2020	17.59	29/01/2020	06.19	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	29/01/2020	19.26	30/01/2020	05.52	HT	Over Voltage
Dabhol Nagothane I	InterState	30/01/2020	17.01	30/01/2020	17.58	T	Distance Protection
Dhule Sar'Sarovar I	InterState	30/01/2020	20.07		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	28/01/2020	18.05	29/01/2020	06.23	HT	Over Voltage
Koradi-Khaperkheda I	IntraState	29/01/2020	11.01	29/01/2020	15.46	EO	To Attend Hot Spot On Isolator At Koradi End.
Lonikand 1 - Chakan	IntraState	29/01/2020	12.54	29/01/2020	13.12	HT	For Shifting (B To A)
Khadka-Aurangabad (Waluj)	IntraState	29/01/2020	19.30	30/01/2020	07.10	HT	Over Voltage
Lonikand 1 - Chakan	IntraState	30/01/2020	10.13	30/01/2020	13.56	PO	To Replace Damaged Rotor Isolator By Hotline Unit.
Khadka-Aurangabad (Waluj)	IntraState	30/01/2020	18.04		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.
167 Mva Spare Ict @Lamboti	IntraState	28/01/2020	09.49	29/01/2020	16.19	PO	SFRA Testing.
400/220kv 500MVA ICT-1 @ TAPTITANDA	IntraState	30/01/2020	10.38	30/01/2020	21.24	PO	Diagnostic Testing.
400/220 KV 500MVA ICT II @ Nanded	IntraState	30/01/2020	10.50	30/01/2020	17.01	PO	Annual Maintenance Work & Tan Delta.
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)
Borivali - Tarapur	InterState	25/01/2020	08.45	30/01/2020	23.56	PO	Work At Tarapur End.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Kalwa-TIFIL	IntraState	27/12/2019	18.40		Continued.	PO	normalizing the Direct Circuit.
MAHAPE - RELIANCE GIS	IntraState	08/01/2020	10:44		Continued.	HT	At Mahape End For New Configuration.
Talandge-Mudshingi Ckt-I	IntraState	27/01/2020	08.45		Continued.	PO	Construction Work.
Trombay - Kalwa	IntraState	27/01/2020	10.54		Continued.	PO	Stringing Work.
Kalwa - Mulund 1	IntraState	29/01/2020	06.39	29/01/2020	11.52	PO	Safety Purpose.
GIS Bhandup - Borivali	IntraState	29/01/2020	08.47	29/01/2020	12.20	PO	Hot Spot On IPS Tube At Breakerside Attending Work.
Talandge-Hamidwada	IntraState	29/01/2020	09.05	29/01/2020	18.00	PO	Insulator Replacement.
Chandrapur GCR - Sicom I	IntraState	29/01/2020	09.55	29/01/2020	13.36	PO	Isolator of Aux. Bus Isolator Jumper For Dismantling RCC Structure.
Parli New Tps - Beed Ckt 1	IntraState	29/01/2020	10.08	29/01/2020	15.25	PO	To attend The Hot Spot And Diagnostic Testing Work.
512 Khadki- Century Enka	IntraState	29/01/2020	10.35	29/01/2020	19.05	PO	CT & CB Testing.
Bus Coupler @ Kalwa	IntraState	29/01/2020	11.22	29/01/2020	11.53	PO	Control Loading On Kalwa Salsette.
Borivali - Ghodbunder	IntraState	29/01/2020	12.32	29/01/2020	19.45	PO	Replacement Of Line Boxes.
Koradi-Ambazari-I	IntraState	29/01/2020	15.58	29/01/2020	18.05	PO	Diagnostic 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 29/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 30/Jan/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Mulund - GIS Bhandup	IntraState	30/01/2020	06.32	30/01/2020	11.22	PO	Safety Purpose For Construction Work.
Kalwa - Mulund 1	IntraState	30/01/2020	06.34	30/01/2020	11.20	PO	Safety Purpose For Construction Work.
Pedhambe - Oni	IntraState	30/01/2020	08.45	30/01/2020	17.38	PO	COld Washing Of Insulator String.
Talandge-Hamidwada	IntraState	30/01/2020	09.17	30/01/2020	17.28	PO	Insulator Replacement.
Talandage - Sawantwadi I	IntraState	30/01/2020	09.42	30/01/2020	14.55	PO	C & Tan Delta & C.B Timing.
Nasik - Raymond	IntraState	30/01/2020	09.50	30/01/2020	19.43	PO	Replacement of Old Disc Insulator To New porcelain Long Rod.
Aurangabad (waluj)-Taptitanda ckt-1	IntraState	30/01/2020	10.24	30/01/2020	21.32	PO	For Outage On Taptitanda ICT.
GIS KONDHWA NANDED CITY	IntraState	30/01/2020	11.17	30/01/2020	17.37	PO	Conductor Replacement & Line Maint.
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Replacement Line Boxes.
Sawantwadi-Bidri	IntraState	30/01/2020	15.05	30/01/2020	18.15	PO	C & Tan Delta & C.B Timing.
220 KV ICT Outages/Trippings							
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	29/01/2020	09.47	29/01/2020	17.55	PO	Attending Oil Leakage
220/100 Kv 200 Mva Vijai Ict 3 @Trombay	IntraState	30/01/2020	10.01	30/01/2020	17.21	OO	Tan Delta 100Kv Trombay Tata Group Breaker Outage At 09.53 Hrs.

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