

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	134.955	4044.447	1) Gujrat	3.388	70.665
2) Hydro	8.240	199.832	2) Madhya Pradesh	9.311	268.208
3) Gas	7.234	201.311	3) Chattisgarh	3.680	115.350
Total MSPGCL	150.429	4445.590	4) Maharashtra	88.860	2753.541
B) 1) APML	68.770	1916.642	5) Goa (Amona)	-0.264	-6.754
2) JSWEL	21.607	640.305	Total	104.975	3201.010
3) VIPL	0.000	81.108	a) Mumbai Schedule	20.195	595.659
4) RPL(AMT)	0.000	47.351	b) Mumbai Drawl	22.097	688.867
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	4.960	268.791
6) Other IPP	11.830	400.821	Include PX	-10.074	-154.282
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.195	588.479
C) 1) TPCL Thermal	5.064	233.977	Include PX	7.937	177.089
2) TPCL Hydro	5.728	116.251	Include Standby	0.000	7.180
3) TPCL Gas	4.387	126.841	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.398	174.469	1) MSEDCL	352.811	10435.427
D) STATE			2) Mumbai Discoms	46.674	1340.400
1) Thermal	251.624	7539.120	TOTAL STATE	399.485	11775.827
(A1+C1+C4+(B1-B6))					
2) Hydro	13.968	316.083			
(A2+C2)					
3) Gas	11.621	328.152			
(A3+B6+C3)					
4) Wind	10.918	226.227			
6) SOLAR	6.379	165.240			
TOTAL STATE	294.510	8574.822			

* 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	5935	5831	6015	5167
MSPGCL Hydro	420	360	448	92
MSPGCL Gas	294	290	304	313
MSPGCL Total Generation	6648	6482	6768	5572
Central Sector Receipt	6019	5325	4520	2389
WIND	474	298	120	899
CPP / IPP Thermal	4636	4519	4721	3602
CPP / IPP Gas	0	0	0	0
SOLAR	932	899	0	0
Exchange with Mumbai	-1186	-1174	-1105	-479
MSEDCL DEMAND MET	17524	16348	15024	11982
Load Shedding	0	0	0	0
MSEDCL DEMAND	17524	16348	15024	11982
TPCL GENERATION	805	825	859	395
AEML GENERATION	439	373	373	374
MUMBAI DEMAND	2430	2372	2337	1248
STATE DEMAND MET	19954	18720	17360	13230
STATE DEMAND	19954	18720	17360	13230
Frequency (Hz)	49.98	49.97	49.89	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 06.02 Hrs	49.71 Hz at 16.56 Hrs	49.97	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/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.28	82.83	150	120
Unit 7	0.00	63.84	0	0
Unit 8	9.66	222.06	500	203
Unit 9	11.79	282.78	531	460
Unit 10	0.00	149.01	0	0
Total	24.73	800.52		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.28	239.17	500	345
Unit 5	9.02	275.40	445	355
Total	18.30	514.57		
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	56.43	0	0
Total	0.00	56.43		
Chandrapur				
Unit 3	4.23	122.91	190	163
Unit 4	4.17	116.22	185	155
Unit 5	8.55	265.88	370	340
Unit 6	10.22	283.78	460	372
Unit 7	9.30	271.87	432	325
Unit 8	10.68	304.29	490	365
Unit 9	10.65	296.17	495	365
Total	57.81	1661.12		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.22	153.94	241	180
Total	5.22	153.94		
Khaparkheda				
Unit 1	3.70	106.82	170	135
Unit 2	3.90	106.97	170	150
Unit 3	3.83	109.06	170	154
Unit 4	3.58	107.65	170	0
Unit 5	9.85	285.70	490	371
Total	24.86	716.20		
Nasik				
Unit 3	0.00	22.11	0	0
Unit 4	4.04	119.56	205	158
Unit 5	0.00	0.00	0	0
Total	4.04	141.67		
Uran				
All Units	7.23	201.31	316	278
Total	7.23	201.31		
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)	0.00	1.02	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	1.02		
Koyna				
Stage 1-2	2.82	55.52	345	40
Stage 4	0.53	15.36	167	0
Stage 3	0.39	15.84	146	0
Total	3.74	86.71		
Hydro				
KDPH	0.44	11.28	19	19
VTRNA	0.68	15.06	61	0
TILLARI	0.36	12.83	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	5.84	80	0
RNGR+BHTSA	0.29	8.44	16	0
BHANDARDRA	0.00	0.06	0	0
ELDARY	0.00	2.78	0	0
SMLHY_PTN	0.33	11.77	22	11
GHATGHAR	2.12	45.07	250	0
Total	4.50	113.12		
Wind				
Total	10.92	226.23	0	0
Total	10.92	226.23		
CPP				
APML(Mus)	68.77	1916.64	0	0
JSWEL(Mus)	21.61	640.30	0	0
VIPL(Mus)	0.00	81.11	0	0
RPLAMT(Mus)	0.00	47.35	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	11.83	400.82	0	0
Total	102.21	3086.23		
SOLAR				
Total	6.38	165.24	0	0
Total	6.38	165.24		
Tata				
Trombay 5	0.00	83.46	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	80.39	117	115
Trombay 7B	1.60	46.46	68	66
Trombay 8	5.06	150.52	236	203
TATA Hydro	5.73	116.25	459	0
Total	15.18	477.07		
AEML				
DTPS U-1&2	9.40	174.47	503	372
Total	9.40	174.47		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	134.96	4044.45	MSPGCL Total	150.43	4445.59
			MSPGCL Thml+Gas	142.19	4245.76	Koyna 1,2 & 4 Total	3.35	70.87
			MSPGCL Hydro	8.24	199.83	State Total	294.51	8574.82

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/Jan/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	5178	86	302	5566	1035	3572	0	0	3406	2800	-642	12332	0	12332	1423	13754	50.02
2	5168	136	313	5618	950	3559	0	0	2570	2500	-554	12072	0	12072	1314	13386	49.98
3	5167	92	313	5572	899	3602	0	0	2406	2389	-479	11982	0	11982	1248	13230	49.99
4	5214	86	302	5602	826	3576	0	0	2489	2645	-431	12218	0	12218	1228	13446	49.94
5	5221	106	316	5644	707	3584	0	0	2911	3096	-465	12566	0	12566	1236	13802	50.00
6	5317	392	313	6022	605	3662	0	0	3615	4030	-600	13718	0	13718	1389	15108	49.94
7	5859	282	314	6454	645	4168	0	5	4878	4918	-797	15394	0	15394	1614	17008	49.98
8	6034	272	306	6612	542	4756	0	61	5293	5320	-873	16418	0	16418	1820	18238	49.96
9	6079	620	313	7012	348	4926	0	316	5473	5441	-951	17092	0	17092	2084	19176	50.02
10	6026	616	301	6942	372	4817	0	581	5764	5695	-1063	17344	0	17344	2323	19668	50.04
11	6001	492	297	6790	502	4733	0	787	6060	5866	-1188	17490	0	17490	2437	19926	50.03
12	5935	420	294	6648	474	4636	0	932	5902	6019	-1186	17524	0	17524	2430	19954	49.98
13	5831	360	290	6482	298	4519	0	899	5464	5325	-1174	16348	0	16348	2372	18720	49.97
14	5821	272	278	6372	228	4530	0	911	5134	5162	-1139	16064	0	16064	2276	18340	49.98
15	5717	404	288	6410	229	4295	0	792	5115	5368	-1164	15930	0	15930	2292	18222	49.96
16	5729	826	285	6840	172	4249	0	622	4993	5084	-1152	15816	0	15816	2300	18116	49.97
17	5783	522	278	6584	140	4333	0	374	4779	4724	-1132	15022	0	15022	2301	17324	49.84
18	5841	500	293	6634	106	4571	0	99	4212	4304	-1119	14594	0	14594	2289	16884	49.90
19	6015	448	304	6768	120	4721	0	0	4500	4520	-1105	15024	0	15024	2337	17360	49.89
20	5961	234	297	6492	249	4759	0	0	4499	4518	-1104	14914	0	14914	2325	17238	50.00
21	5793	210	310	6312	373	4446	0	0	3966	4098	-1059	14170	0	14170	2226	16396	49.96
22	5401	140	300	5840	382	4216	0	0	4017	4008	-976	13470	0	13470	1981	15452	50.01
23	5013	466	313	5792	339	3992	0	0	3362	3774	-904	12994	0	12994	1805	14798	50.01
24	4851	258	314	5424	377	3985	0	0	3706	3371	-840	12316	0	12316	1624	13940	50.02
MUs	134.96	8.24	7.23	150.43	10.92	102.21	0.00	6.38	104.51	104.98	-22.10	352.81	0.00	352.81	46.67	399.48	49.97

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/2019

Position as on 6.30 Hrs of 30/Jan/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	Nasik Unit 5	210	22/11/2018	03.50		Continued.	Boiler Tube Leakage Work Completed On 24/11/2018. Available Against Case 4 From 25/11/2018. Converted To COH From 00:00 Hrs of 05/12/2018 (For 40 Days)	
TPC-G	Trombay 5	500	11/01/2019	23.56		Continued.	Annual Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
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	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn Due To B0 & U-7	
MSPGCL	Paras Unit 3	250	15/09/2018	00.55		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Zero Schedule.	
MSPGCL	Koyana Unit 1	70	26/11/2018	00.00		Continued.	Oil Cooler Leakage.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 7	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-3	270	14/12/2018	16.30		Continued.	Zero Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	RPL(AMT) U-2	270	27/12/2018	19.30		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	28/12/2018	19.30		Continued.	Zero Schedule.	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	09/01/2019	19.30		Continued.	Zero Schedule	
IPP	Dhariwal	300	12/01/2019	10.15		Continued.	Coal Shortage	
MSPGCL	Parli Unit 8	250	12/01/2019	12.00		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Koradi Unit 10	660	15/01/2019	23.25		Continued.	Condenser Tube Cleaning Work & PCR.	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	19/01/2019	18.21		Continued.	Poor Coal Receipt	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 29/Jan/2019

Position as on 6.30 Hrs of 30/Jan/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-1	270	27/01/2019	02.17		Continued.	Withdrawn On RSD.	
MSPGCL	Khaparkheda Unit 4	210	29/01/2019	22.21	30/01/2019	04.02	Furnace Pressure High	

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

Statement-VII

Position as on 6.30 Hrs of 30/Jan/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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	22/01/2019	17.30	29/01/2019	10.05	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	29/01/2019	17.15		Continued.	HT	Over Voltage
Padghe - Kalwa-II	IntraState	25/01/2019	09.17		Continued.	PO	Dismantalling Erection & Conductor Replacement Work For MMRDA.
Bhusawal-Aurangabad	IntraState	28/01/2019	16.55		Continued.	HT	Over Voltage
Koradi-RattanIndia	IntraState	29/01/2019	00.29	29/01/2019	09.09	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	29/01/2019	00.31	29/01/2019	08.41	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	29/01/2019	23.24		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	30/01/2019	01.13		Continued.	HT	Over Voltage
Koradi-RattanIndia	IntraState	30/01/2019	02.30		Continued.	T	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 Kv 315 Mva Ict -2 @New Koyna	IntraState	28/01/2019	08.24	29/01/2019	00.07	PO	Routine Maintenance Work.Diagnostic Testing Work.
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	29/01/2019	09.05	29/01/2019	19.00	PO	ICT Painting Work.Diagnostic Testing & Other maint.
400/11.5 kv 80MVA ST 4B @Deepnagar	IntraState	29/01/2019	09.26	29/01/2019	20.28	PO	For replacement Lightening Arr ester.
400/220/33 Kv 500 Mva ICT III @Waluj	IntraState	29/01/2019	10.10	29/01/2019	18.09	PO	Providing High Insulation Coating To IPS Tube.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of Conductor Loc No 86 Disconnecting of Jumper At Loc No 86 & 107 And De-energising The Line Bet 86 To 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	For Bunching of Conductor At Loc No.86 Disconnecting of Jumper At Loc No.86 To 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading.
Kandalgaon - Sona Alloys	IntraState	29/01/2019	09.00	29/01/2019	19.10	PO	Replacement Of Damaged Conductor At Loc No.D-10,D-27 & D-32.Bay Maint.
Kolshet-Roma	IntraState	29/01/2019	11.04	29/01/2019	14.40	PO	Diagnostic Testing Work, Routine Maintenance Work.
REL Borivali MSETCL Borivali Line-2	IntraState	29/01/2019	12.10	29/01/2019	16.50	PO	Relay Testing & Maintenance Work.
Butibori-VIPL-IV GIS Bay	IntraState	29/01/2019	14.12	29/01/2019	15.11	PO	Diagnostic Testing Work.
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	22/01/2019	18.40		Continued.	HT	After Completion of Outage.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.

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