

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Jan/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	138.210	3243.778	1) Gujrat	3.394	128.968
2) Hydro	9.631	316.607	2) Madhya Pradesh	9.009	326.087
3) Gas	6.443	138.508	3) Chattisgarh	5.690	176.590
Total MSPGCL	154.284	3698.893	4) Maharashtra	113.545	3047.911
B) 1) APMIL	68.222	1848.651	5) Goa (Amona)	-0.594	-13.376
2) JSWEL	24.015	630.488	Total	131.044	3666.180
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.071	560.696
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.733	590.588
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	23.803	735.079
6) Other IPP	14.376	398.251	Include PX	-0.057	142.821
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.146	559.771
C) 1) TPCL Thermal	12.691	375.534	Include PX	5.818	205.700
2) TPCL Hydro	1.274	85.100	Standby	0.925	0.925
3) TPCL Gas	2.943	52.527	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.797	162.798	1) MSEDCL	378.855	10015.675
D) STATE			2) Mumbai Discoms	45.438	1266.549
1) Thermal	262.311	6659.500	TOTAL STATE	424.293	11282.224
(A1+C1+C4+(B1-B6))					
2) Hydro	10.905	401.707			
(A2+C2)					
3) Gas	9.386	191.035			
(A3+B7+C3)					
4) Wind	3.410	212.390			
6) SOLAR	7.237	151.410			
TOTAL STATE	293.249	7616.042			

* 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 20 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	5864	5916	5412	5435
MSPGCL Hydro	614	393	521	420
MSPGCL Gas	277	276	285	289
MSPGCL Total Generation	6755	6585	6218	6144
Central Sector Receipt	6464	6477	4833	4348
WIND	160	165	221	61
CPP / IPP Thermal	4743	4894	3919	3778
CPP / IPP Gas	0	0	0	0
SOLAR	994	1046	0	0
Exchange with Mumbai	-1188	-1192	-1122	-1029
MSEDCL DEMAND MET	17928	17975	14069	13302
Load Shedding	0	0	0	0
MSEDCL DEMAND	17928	17975	14069	13302
TPCL GENERATION	681	672	826	767
AEML GENERATION	192	192	193	193
MUMBAI DEMAND	2061	2056	2141	1989
STATE DEMAND MET	19989	20031	16210	15291
STATE DEMAND	19989	20031	16210	15291
Frequency (Hz)	49.99	50.01	49.95	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 18.04 Hrs	49.69 Hz at 22.08 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 26/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	10.64	288.74	536	365
Unit 9	8.60	285.22	447	321
Unit 10	10.72	249.50	500	405
Total	29.96	823.45		
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	4.75	63.35	230	187
Unit 7	4.81	69.42	241	187
Unit 8	5.03	117.08	250	196
Total	14.60	249.85		
Chandrapur				
Unit 3	4.23	108.45	190	163
Unit 4	1.06	96.53	156	0
Unit 5	7.28	203.12	337	285
Unit 6	10.25	264.15	485	360
Unit 7	9.09	54.25	412	352
Unit 8	10.54	280.20	475	360
Unit 9	10.02	272.97	470	360
Total	52.46	1279.68		
Paras				
Unit 3	5.05	123.74	250	190
Unit 4	5.08	134.05	256	192
Total	10.13	257.78		
Khaparkheda				
Unit 1	3.88	60.90	175	150
Unit 2	3.96	61.42	190	155
Unit 3	4.16	63.06	190	158
Unit 4	4.36	68.28	200	160
Unit 5	10.71	276.10	500	363
Total	27.07	529.76		
Nasik				
Unit 3	4.00	98.95	195	158
Unit 4	0.00	4.30	0	0
Unit 5	0.00	0.00	0	0
Total	4.00	103.25		
Uran				
All Units	6.44	138.51	298	221
Total	6.44	138.51		
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)	0.34	4.36	50	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.34	4.36		
Koyna				
Stage 1-2	3.76	88.54	500	40
Stage 4	1.95	122.15	712	0
Stage 3	1.41	45.39	160	0
Total	7.12	256.09		
Hydro				
KDPH	0.89	6.04	37	37
VTRNA	0.00	0.00	0	0
TILLARI	0.49	12.16	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	3.72	80	0
RNGR+BHTSA	0.33	9.06	14	13
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.05	0	0
SMLHY_PTN	0.43	9.11	27	15
GHATGHAR	0.27	20.39	125	0
Total	2.51	60.52		
Wind				
Total	3.41	212.39	0	0
Total	3.41	212.39		
CPP				
APML(Mus)	68.22	1848.65	0	0
JSWEL(Mus)	24.02	630.49	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)	14.38	398.25	0	0
Total	106.61	2877.39		
SOLAR				
Total	7.24	151.41	0	0
Total	7.24	151.41		
Tata				
Trombay 5	8.08	242.25	475	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.74	29.84	84	47
Trombay 7B	1.20	22.69	54	38
Trombay 8	4.61	133.29	240	182
TATA Hydro	1.27	85.10	190	0
Total	16.91	513.16		
AEML				
DTPS U-1&2	4.80	162.80	250	190
Total	4.80	162.80		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	138.21	3243.78	MSPGCL Total	154.28	3698.89
			MSPGCL Thml+Gas	144.65	3382.29	Koyna 1,2 & 4 Total	5.71	210.69
			MSPGCL Hydro	9.63	316.61	State Total	293.25	7616.04

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/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	5979	107	223	6309	87	4703	0	0	5368	5121	-1049	15171	0	15171	1832	17003	49.96
2	5974	117	232	6323	86	4367	0	0	5292	5057	-931	14902	0	14902	1712	16614	49.96
3	5701	107	222	6030	83	4333	0	0	5245	5315	-845	14916	0	14916	1627	16543	50.01
4	5721	117	233	6071	113	4325	0	0	5223	5209	-801	14917	0	14917	1582	16499	50.00
5	5923	112	221	6256	130	4579	0	0	5247	5620	-784	15801	0	15801	1564	17365	50.01
6	6201	639	236	7076	178	4858	0	0	5947	5741	-745	17108	0	17108	1658	18766	49.96
7	6268	1259	286	7813	244	4872	0	3	6158	6008	-701	18239	0	18239	1773	20012	49.97
8	6137	1114	294	7545	239	4957	0	74	5866	5391	-717	17489	0	17489	1815	19304	50.03
9	5986	326	293	6605	189	4930	0	352	5937	5710	-880	16906	0	16906	1920	18826	50.04
10	5516	284	297	6097	181	4396	0	712	6258	6123	-1104	16405	0	16405	1978	18383	49.96
11	5447	871	271	6589	168	4360	0	901	6331	6494	-1150	17362	0	17362	2016	19378	49.93
12	5864	614	277	6755	160	4743	0	994	6401	6464	-1188	17928	0	17928	2061	19989	49.99
13	5916	393	276	6585	165	4894	0	1046	6340	6477	-1192	17975	0	17975	2056	20031	50.01
14	5884	286	265	6435	157	4890	0	1007	6250	6218	-1140	17567	0	17567	2000	19567	50.07
15	5870	176	277	6323	118	4708	0	902	6154	6208	-1080	17179	0	17179	1941	19120	50.06
16	5938	166	265	6369	122	4668	0	701	6080	6093	-1036	16917	0	16917	1907	18824	49.99
17	5802	117	277	6196	98	4616	0	437	5669	5384	-993	15738	0	15738	1888	17626	50.00
18	5495	111	269	5875	85	4325	0	106	5285	5013	-1016	14388	0	14388	1915	16303	50.05
19	5423	296	282	6001	136	3990	0	2	4977	4827	-1108	13848	0	13848	2026	15874	50.01
20	5412	521	285	6218	221	3919	0	0	4996	4833	-1122	14069	0	14069	2141	16210	49.95
21	5406	336	286	6028	172	3847	0	0	4599	4700	-1075	13672	0	13672	2086	15758	49.95
22	5399	601	298	6298	124	3799	0	0	4109	4201	-1047	13375	0	13375	2051	15426	49.94
23	5435	420	289	6144	61	3778	0	0	4287	4348	-1029	13302	0	13302	1989	15291	49.95
24	5513	541	289	6343	93	3756	0	0	4324	4489	-1000	13681	0	13681	1900	15581	50.03
MUs	138.21	9.63	6.44	154.28	3.41	106.61	0.00	7.24	132.34	131.04	-23.73	378.86	0.00	378.86	45.44	424.29	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 26/Jan/2020

Position as on 6.30 Hrs of 27/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	
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	Uran Unit 8	108	30/11/2019	19.14		Continued.	Over Speed Bolt Trip.	
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	Uran Unit 7	108	28/12/2019	22:48		Continued.	Gas shortage	
MSPGCL	Uran Unit B0	120	28/12/2019	22:48		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 4	500	29/12/2019	00.57		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Koyna Unit 9	80	18/01/2020	08.00		Continued.	Transformer shifting work.	
MSPGCL	Nasik Unit 4	210	21/01/2020	10.30		Continued.	Zero schedule	
IPP	RPL(AMT) U-1	270	25/01/2020	0:00		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Chandrapur Unit 4	210	26/01/2020	07.00		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 27/Jan/2020

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	27/01/2020	15.19	27/01/2020	16.08	T	Main Circuit Flow Low Trip Alaram Due To Aux Supply Trip.
Chandrapur - Padghe Hvdc Pole 1	IntraState	27/01/2020	16.35	27/01/2020	20.40	T	Thyristor valve cooling motor supply failure.
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 II	InterState	25/01/2020	19.17	27/01/2020	08.16	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	27/01/2020	19.03		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	25/01/2020	18.15	27/01/2020	06.35	HT	Over Voltage
Jejuri- Koyanastage-IV	IntraState	26/01/2020	18.16	26/01/2020	18.59	T	Distance Protection
Karad-Jaigad - I	IntraState	26/01/2020	22.02	27/01/2020	11.13	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	27/01/2020	06.46	27/01/2020	18.34	PO	Replacement Of Faulty String.
Main Bus I @ Chandrapur Sw	IntraState	27/01/2020	08.17	27/01/2020	19.12	PO	CT Jumpering Work Of Bay 413.
Chandrapur - Khaperkheda	IntraState	27/01/2020	14.18	27/01/2020	17.31	PO	To Attend Y-Phase Decaping At Location No-159.
Khadka-Aurangabad (Waluj)	IntraState	27/01/2020	19.00		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	26/01/2020	17.06	26/01/2020	18.25	PO	Safety Purpose TBC Conductor Replacement.
400/220/33 Kv 315 Mva ICT 2 @Padghe	IntraState	26/01/2020	20.07	26/01/2020	21.17	PO	Safety Purpose TBC Conductor Replacement.
400/220 Kv 315 Mva Ict -2 @New Koyana	IntraState	27/01/2020	08.29		Continued.	PO	Routine Maintenance Work
400/220 Kv 500 MVA ICT 3 @KOLHAPUR-III (TALANDGE)	IntraState	27/01/2020	09.09	27/01/2020	20.16	PO	Attending Oil Leakage
400/220kv 315MVA ICT 2 @ KOLHAPUR-III (TALANDGE)	IntraState	27/01/2020	13.45	27/01/2020	15.00	T	220KV A Bus Bar Opereted. Due To Y-phase String Flashover Occured.
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	27/01/2020	13.45	27/01/2020	14.10	T	220KV A Bus Bar Opereted. Due To Y-phase String Flashover Occured.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	27/01/2020	20.16		Continued.	PO	For Main Bus Outage.
400/220/33 Kv 500 Mva Ict 2 @ CHANDRAPUR 2	IntraState	27/01/2020	20.19		Continued.	PO	For Main Bus Outage.
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		Continued.	PO	Work At Tarapur End.
Tillari Amona	InterState	26/01/2020	16.02	26/01/2020	17.56	T	Tripped on backup protection.
Mahalakshmi Amona	InterState	26/01/2020	16.02	26/01/2020	18.36	T	Tripped on backup protection.
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.
Kalwa - Mulund 2	IntraState	15/01/2020	09.02	26/01/2020	20.20	PO	Stringing of HTLS conductor.
Padghe - Vasai	IntraState	26/01/2020	10.48	26/01/2020	20.55	HT	To Faciliate outage On Padghe-Nalasopara.
220kv Halkarni- Tillary	IntraState	26/01/2020	16.02	26/01/2020	16.38	T	Tripped on backup protection.
Tambati - Adlabs	IntraState	27/01/2020	08.44	27/01/2020	09.35	PO	Distance Relay 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 26/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 27/Jan/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Talandge-Mudshingi Ckt-I	IntraState	27/01/2020	08.45		Continued.	PO	Construction Work.
Miraj-Ichalkaranji I	IntraState	27/01/2020	09.06	27/01/2020	18.44	PO	Replacement Of Disc Insulator.
Mumewadi -Halkarni ckt-I	IntraState	27/01/2020	09.11	27/01/2020	14.20	PO	Quarterly Maintenance Work
Padghe - Nalasopara	IntraState	27/01/2020	09.20	27/01/2020	17.28	PO	Stringing Work.
Bhira Dharavi 8	IntraState	27/01/2020	09.55	27/01/2020	16.02	PO	Conductor Shifting Work.
Main Bus @ Dasturi	IntraState	27/01/2020	10.25	27/01/2020	18.50	PO	Quarterly Maintenance Work
Trombay - Kalwa	IntraState	27/01/2020	10.54		Continued.	PO	Stringing Work.
Kolhapur - 5 Star Ckt I	IntraState	27/01/2020	11.39	27/01/2020	12.16	EO	To Attend Isolator Problem.
Boisar Versova Line	IntraState	27/01/2020	12.18	27/01/2020	19.36	PO	Removal Of Cable Termination For Bus-2.
Talandage - Sawantwadi I	IntraState	27/01/2020	13.45	27/01/2020	14.20	T	220KV A Bus Bar Operated. Due To Y-phase String Flashover Occured.
Talandge(400)- Mudshingi 2 Line	IntraState	27/01/2020	13.45	27/01/2020	15.03	T	220KV A Bus Bar Operated. Due To Y-phase String Flashover Occured.
Talandge(400kv)- Ichalkaranji ckt-2	IntraState	27/01/2020	13.45	27/01/2020	14.13	T	220KV A Bus Bar Operated. Due To Y-phase String Flashover Occured.
Talandge(400kv)- Ichalkaranji ckt-1	IntraState	27/01/2020	13.45	27/01/2020	14.19	T	220KV A Bus Bar Operated. Due To Y-phase String Flashover Occured.
Kolhapur-Bidri	IntraState	27/01/2020	13.45	27/01/2020	14.39	T	220KV A Bus Bar Operated. Due To Y-phase String Flashover Occured.
Talandge-Hamidwada	IntraState	27/01/2020	1345	27/01/2020	14.24	T	220KV A Bus Bar Operated. Due To Y-phase String Flashover Occured.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-I @Borivali	IntraState	27/01/2020	09.51	27/01/2020	16.51	PO	CTR Work.
220/100 kv 200 MVA ICT III @Apta	IntraState	27/01/2020	12.20	27/01/2020	18.25	EO	Abnormal Sound From TF Tank Testing Work.
220/33kv 50mva Bbl Ptr 1 @Talandage 5 Star Midc,Kagal)	IntraState	27/01/2020	12.45	27/01/2020	13.10	PO	Routine Maintenance Work

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