

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Jan/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	148.906	3105.568	1) Gujrat	4.686	125.574
2) Hydro	11.746	306.976	2) Madhya Pradesh	10.258	317.078
3) Gas	5.424	132.065	3) Chattisgarh	6.120	170.900
Total MSPGCL	166.076	3544.609	4) Maharashtra	127.800	2934.366
B) 1) APLM	74.617	1780.429	5) Goa (Amona)	-0.352	-12.782
2) JSWEL	25.415	606.473	Total	148.512	3535.136
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.907	537.625
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.659	566.855
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	29.673	711.276
6) Other IPP	15.133	383.875	Include PX	5.447	142.878
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.907	537.625
C) 1) TPCL Thermal	14.974	362.843	Include PX	9.535	199.882
2) TPCL Hydro	2.780	83.826	Standby	0.000	0.000
3) TPCL Gas	2.134	49.584	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.369	158.001	1) MSEDCL	412.789	9636.820
D) STATE			2) Mumbai Discoms	51.916	1221.111
1) Thermal	284.414	6397.189	TOTAL STATE	464.705	10857.931
(A1+C1+C4+(B1-B6))					
2) Hydro	14.526	390.802			
(A2+C2)					
3) Gas	7.558	181.649			
(A3+B7+C3)					
4) Wind	3.737	208.980			
6) SOLAR	5.958	144.173			
TOTAL STATE	316.193	7322.793			

* 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	6634	6212	6186	5611
MSPGCL Hydro	515	991	260	94
MSPGCL Gas	222	222	232	222
MSPGCL Total Generation	7371	7425	6678	5927
Central Sector Receipt	7767	7559	5911	5218
WIND	154	118	100	235
CPP / IPP Thermal	5028	5072	4954	4129
CPP / IPP Gas	0	0	0	0
SOLAR	940	831	0	0
Exchange with Mumbai	-1370	-1288	-1226	-827
MSEDCL DEMAND MET	19890	19717	16417	14682
Load Shedding	0	0	0	0
MSEDCL DEMAND	19890	19717	16417	14682
TPCL GENERATION	1039	1066	1044	587
AEML GENERATION	251	250	197	192
MUMBAI DEMAND	2660	2604	2467	1606
STATE DEMAND MET	22550	22321	18884	16288
STATE DEMAND	22550	22321	18884	16288
Frequency (Hz)	49.96	49.98	49.92	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 06.02 Hrs	49.75 Hz at 16.58 Hrs	49.98	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 25/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	12.02	278.10	585	410
Unit 9	10.31	276.62	515	360
Unit 10	9.51	238.78	560	0
Total	31.85	793.49		
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	5.44	58.60	250	187
Unit 7	5.48	64.61	250	192
Unit 8	5.64	112.05	250	208
Total	16.56	235.25		
Chandrapur				
Unit 3	4.29	104.23	190	163
Unit 4	3.95	95.47	170	157
Unit 5	7.02	195.85	325	260
Unit 6	10.63	253.90	475	363
Unit 7	9.15	45.17	405	350
Unit 8	11.15	269.66	490	360
Unit 9	10.73	262.95	475	360
Total	56.93	1227.22		
Paras				
Unit 3	5.58	118.68	250	197
Unit 4	5.64	128.97	255	195
Total	11.22	247.65		
Khaparkheda				
Unit 1	4.10	57.02	185	145
Unit 2	4.26	57.46	195	160
Unit 3	4.44	58.90	200	158
Unit 4	4.52	63.91	200	150
Unit 5	10.82	265.40	490	365
Total	28.14	502.70		
Nasik				
Unit 3	4.21	94.95	200	157
Unit 4	0.00	4.30	0	0
Unit 5	0.00	0.00	0	0
Total	4.21	99.25		
Uran				
All Units	5.42	132.06	233	221
Total	5.42	132.06		
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)	0.57	4.02	47	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.57	4.02		
Koyna				
Stage 1-2	3.00	84.78	410	40
Stage 4	3.93	120.21	500	0
Stage 3	1.85	43.98	160	0
Total	8.78	248.97		
Hydro				
KDPH	0.58	5.15	37	18
VTRNA	0.00	0.00	0	0
TILLARI	0.48	11.67	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	3.62	70	0
RNGR+BHTSA	0.35	8.72	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.05	0	0
SMLHY_PTN	0.48	8.68	31	17
GHATGHAR	0.97	20.12	125	0
Total	2.96	58.01		
Wind				
Total	3.74	208.98	0	0
Total	3.74	208.98		
CPP				
APML(Mus)	74.62	1780.43	0	0
JSWEL(Mus)	25.42	606.47	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)	15.13	383.88	0	0
Total	115.16	2770.78		
SOLAR				
Total	5.96	144.17	0	0
Total	5.96	144.17		
Tata				
Trombay 5	9.79	234.17	477	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.17	28.09	51	47
Trombay 7B	0.96	21.49	42	38
Trombay 8	5.18	128.68	243	182
TATA Hydro	2.78	83.83	258	21
Total	19.89	496.25		
AEML				
DTPS U-1&2	5.37	158.00	251	191
Total	5.37	158.00		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	148.91	3105.57	MSPGCL Total	166.08	3544.61
			MSPGCL Thml+Gas	154.33	3237.63	Koyna 1,2 & 4 Total	6.93	204.99
			MSPGCL Hydro	11.75	306.98	State Total	316.19	7322.79

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	6244	94	233	6571	127	4284	0	0	5309	5238	-1041	15179	0	15179	1839	17018	49.88
2	5999	99	222	6320	174	4185	0	0	5351	4986	-923	14742	0	14742	1703	16445	49.98
3	5611	94	222	5927	235	4129	0	0	5208	5218	-827	14682	0	14682	1606	16288	50.01
4	5842	94	233	6169	214	4181	0	0	5230	5187	-780	14971	0	14971	1560	16531	50.01
5	6132	94	222	6448	219	4225	0	0	5280	5302	-774	15420	0	15420	1551	16971	50.04
6	6581	204	233	7018	265	4464	0	0	5635	5749	-818	16678	0	16678	1634	18312	49.97
7	6645	585	221	7451	304	4834	0	0	6011	5554	-746	17397	0	17397	1777	19174	50.01
8	6598	980	223	7801	265	4977	0	68	6165	6197	-792	18516	0	18516	1911	20427	49.98
9	6586	808	232	7626	186	4977	0	325	6338	6407	-988	18533	0	18533	2126	20659	50.03
10	6635	778	222	7635	196	4976	0	618	6740	6820	-1190	19055	0	19055	2374	21429	49.99
11	6628	808	233	7669	184	4997	0	779	7421	7326	-1344	19611	0	19611	2573	22184	49.96
12	6634	515	222	7371	154	5028	0	940	7967	7767	-1370	19890	0	19890	2660	22550	49.96
13	6212	991	222	7425	118	5072	0	831	7558	7559	-1288	19717	0	19717	2604	22321	49.98
14	6077	969	222	7268	65	5037	0	711	7449	7413	-1274	19220	0	19220	2474	21694	50.01
15	6077	783	233	7093	108	5025	0	668	7658	7820	-1266	19448	0	19448	2484	21932	50.01
16	6018	741	222	6981	104	5033	0	619	7545	7500	-1249	18988	0	18988	2482	21470	50.00
17	6058	989	222	7269	103	5032	0	302	6736	6628	-1185	18149	0	18149	2442	20591	49.92
18	6148	836	222	7206	112	5039	0	97	6072	5967	-1150	17271	0	17271	2419	19690	49.98
19	6186	260	232	6678	100	4954	0	0	5973	5911	-1226	16417	0	16417	2467	18884	49.92
20	6168	333	223	6724	114	5043	0	0	5950	5738	-1239	16380	0	16380	2488	18868	50.01
21	5989	224	232	6445	126	4922	0	0	5721	5764	-1407	15850	0	15850	2370	18220	49.99
22	6017	224	223	6464	105	4917	0	0	5505	5682	-1365	15803	0	15803	2244	18047	50.01
23	5899	128	222	6249	85	4922	0	0	5385	5468	-1263	15461	0	15461	2121	17582	49.97
24	5922	115	231	6268	74	4912	0	0	5295	5311	-1154	15411	0	15411	2007	17418	49.99
MUs	148.91	11.75	5.42	166.08	3.74	115.16	0.00	5.96	149.50	148.51	-26.66	412.79	0.00	412.79	51.92	464.70	49.98

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 25/Jan/2020

Position as on 6.30 Hrs of 26/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)	
IPP	RPL(AMT) U-1	270	01/09/2019	09.11	25/01/2020	00:00	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	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Jan/2020

Position as on 6.30 Hrs of 26/Jan/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 10	660	25/01/2020	12.13	25/01/2020	14.14	Tripped BFP Leakages.	
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 25/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 26/Jan/2020

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	24/01/2020	18.24	25/01/2020	06.21	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	25/01/2020	19.17		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	24/01/2020	17.38	25/01/2020	07.53	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	25/01/2020	08.35	25/01/2020	17.42	PO	Insulator Replacement Work.
Main Bus-II @ Koradi	IntraState	25/01/2020	09.13	25/01/2020	17.08	PO	Maintenance Of Bus Related Equipment.
Khadka-Aurangabad (Waluj)	IntraState	25/01/2020	18.15		Continued.	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	26/01/2020	18.16	26/01/2020	18.59	T	Distance Protection
Karad-Jaigad - I	IntraState	26/01/2020	22.02		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.
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.
Talandage - Chikodi	InterState	25/01/2020	10.30	25/01/2020	19.55	PO	Line Maintenance work charge at Chikodi end only.
Mahalakshmi Amona	InterState	26/01/2020	16.02	26/01/2020	18.36	T	Tripped on backup protection.
Tillari Amona	InterState	26/01/2020	16.02	26/01/2020	17.56	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.
Mulund - GIS Bhandup	IntraState	25/01/2020	06.17	25/01/2020	10.44	PO	Conductor Replacement Work.
Kalwa - Mulund 1	IntraState	25/01/2020	06.20	25/01/2020	10.38	PO	Conductor Replacement Work.
220KV Chalisagaon-Kopergaon	IntraState	25/01/2020	08.25	25/01/2020	10.12	PO	Work At Kopergaon End.
Dahanu-Viraj	IntraState	25/01/2020	08.27	25/01/2020	19.45	PO	Bay No 03 Overhauling Of Insulator-C&D PM & Tan Delta Testing Of line.
Bhira Dharavi 8	IntraState	25/01/2020	08.35	25/01/2020	15.38	PO	Conductor Strining.
220KV Chalisagaon-Kopergaon	IntraState	25/01/2020	08.39	25/01/2020	09.50	PO	Diagnostic Testing Work.
BHUGAON WARORA CKT-II	IntraState	25/01/2020	09.03	25/01/2020	15.00	PO	Fixing Of Missing Nut bolt At Loc No.270 To 286.
Halkarni-Mahalaxmi line	IntraState	25/01/2020	09.08	25/01/2020	16.05	PO	Earthwire Strining Work.
Mahad-Kandalgaon	IntraState	25/01/2020	09.15	25/01/2020	18.35	PO	Tree Cutting & Jumper Nut Bolt Tightening.
Chinchwad-Hinjewadi I	IntraState	25/01/2020	09.54	25/01/2020	17.07	HT	For Load Management.
220 KV VIRODA - AMALNER	IntraState	25/01/2020	10.12	25/01/2020	15.28	PO	1)STN To DTN Conversion At LOC No.158. 2)SSN To DSN Conversion At Loc No.159.
Sahara-Urse	IntraState	25/01/2020	10.19	25/01/2020	18.18	HT	For Load Management.
TALEGAON - TALEGAON ambi (PG) -I	IntraState	25/01/2020	11.22	25/01/2020	16.45	PO	For line Equipment AMP Work & Relay Testing.

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 25/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 26/Jan/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Bhugaon-WardhaPG (Deoli)	IntraState	25/01/2020	12.38	25/01/2020	20.55	HT	In View Of E/O ICT At Wardha PG.
Dhule-Chalisagaon	IntraState	25/01/2020	14.09	25/01/2020	16.34	HT	In View Of Dhule ICT Over Loading.
Padghe - Nalasopara	IntraState	25/01/2020	17.52	25/01/2020	22.45	PO	Construction Work.
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.
220 KV ICT Outages/Trippings							
220/132 Kv lct 2 200 Mva @Parbhani	IntraState	24/01/2020	22.28	25/01/2020	03.06	T	Differential Protection B Ph Unit.