

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Jan/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	149.934	2804.285	1) Gujrat	8.985	115.508
2) Hydro	5.199	286.237	2) Madhya Pradesh	12.491	295.870
3) Gas	6.159	120.434	3) Chattisgarh	5.510	158.750
Total MSPGCL	161.292	3210.956	4) Maharashtra	123.528	2681.865
B) 1) APMIL	72.634	1633.216	5) Goa (Amona)	-0.550	-11.902
2) JSWEL	25.174	556.061	Total	149.964	3240.091
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.565	487.475
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	27.722	511.552
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	32.720	652.490
6) Other IPP	14.736	353.402	Include PX	8.149	133.295
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.565	487.475
C) 1) TPCL Thermal	13.602	333.440	Include PX	9.645	180.111
2) TPCL Hydro	4.320	76.794	Standby	0.000	0.000
3) TPCL Gas	2.205	45.258	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.995	147.359	1) MSEDCL	411.422	8812.757
D) STATE			2) Mumbai Discoms	52.844	1114.405
1) Thermal	281.075	5827.763	TOTAL STATE	464.266	9927.162
(A1+C1+C4+(B1-B6))					
2) Hydro	9.519	363.031			
(A2+C2)					
3) Gas	8.364	165.692			
(A3+B7+C3)					
4) Wind	8.752	199.125			
6) SOLAR	6.592	131.458			
TOTAL STATE	314.302	6687.069			

* 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	6458	6528	6683	5452
MSPGCL Hydro	385	234	156	111
MSPGCL Gas	278	238	248	250
MSPGCL Total Generation	7121	7000	7087	5813
Central Sector Receipt	7789	7553	5598	4932
WIND	635	451	179	389
CPP / IPP Thermal	4963	4936	4911	4196
CPP / IPP Gas	0	0	0	0
SOLAR	974	978	1	0
Exchange with Mumbai	-1541	-1623	-1427	-637
MSEDCL DEMAND MET	19941	19295	16349	14693
Load Shedding	0	0	0	0
MSEDCL DEMAND	19941	19295	16349	14693
TPCL GENERATION	1021	891	951	595
AEML GENERATION	220	192	206	188
MUMBAI DEMAND	2782	2706	2584	1420
STATE DEMAND MET	22723	22001	18933	16113
STATE DEMAND	22723	22001	18933	16113
Frequency (Hz)	50.03	50.02	49.99	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 14:02 Hrs	49.75 Hz at 06:12 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 23/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	12.45	254.31	635	307
Unit 9	11.24	253.78	545	370
Unit 10	12.26	217.22	561	460
Total	35.94	725.31		
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	4.91	48.04	241	180
Unit 7	5.09	53.93	245	162
Unit 8	5.41	100.98	250	196
Total	15.42	202.94		
Chandrapur				
Unit 3	4.24	95.82	188	163
Unit 4	3.98	87.55	170	160
Unit 5	7.46	180.97	321	300
Unit 6	9.62	233.00	435	360
Unit 7	9.49	26.78	446	346
Unit 8	10.82	247.08	480	360
Unit 9	10.74	241.01	485	360
Total	56.35	1112.20		
Paras				
Unit 3	5.25	107.84	250	187
Unit 4	5.52	117.98	259	190
Total	10.77	225.81		
Khaparkheda				
Unit 1	4.03	48.73	185	145
Unit 2	4.10	49.88	185	155
Unit 3	4.08	50.00	185	158
Unit 4	4.32	54.90	200	160
Unit 5	10.87	243.66	500	360
Total	27.39	447.16		
Nasik				
Unit 3	4.06	86.56	203	157
Unit 4	0.00	4.30	0	0
Unit 5	0.00	0.00	0	0
Total	4.06	90.86		
Uran				
All Units	6.16	120.43	302	233
Total	6.16	120.43		
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)	0.28	3.00	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.28	3.00		
Koyna				
Stage 1-2	1.96	77.76	340	40
Stage 4	0.67	115.55	236	0
Stage 3	0.53	41.18	80	0
Total	3.16	234.50		
Hydro				
KDPH	0.00	4.12	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.48	10.71	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.25	3.25	80	0
RNGR+BHTSA	0.38	7.99	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.05	0	0
SMLHY_PTN	0.44	7.72	29	15
GHATGHAR	0.49	17.89	125	0
Total	2.04	51.74		
Wind				
Total	8.75	199.12	0	0
Total	8.75	199.12		
CPP				
APML(Mus)	72.63	1633.22	0	0
JSWEL(Mus)	25.17	556.06	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)	14.74	353.40	0	0
Total	112.54	2542.68		
SOLAR				
Total	6.59	131.46	0	0
Total	6.59	131.46		
Tata				
Trombay 5	8.74	214.98	472	311
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.21	25.71	56	48
Trombay 7B	0.99	19.54	44	39
Trombay 8	4.86	118.46	242	183
TATA Hydro	4.32	76.79	294	0
Total	20.13	455.49		
AEML				
DTPS U-1&2	5.00	147.36	250	188
Total	5.00	147.36		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	149.93	2804.28	MSPGCL Total	161.29	3210.96
			MSPGCL Thml+Gas	156.09	2924.72	Koyna 1,2 & 4 Total	2.63	193.32
			MSPGCL Hydro	5.20	286.24	State Total	314.30	6687.07

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/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	5668	76	251	5995	239	4271	0	0	5435	5315	-783	15037	0	15037	1670	16707	50.03
2	5415	76	249	5740	222	4194	0	0	5240	5376	-766	14766	0	14766	1544	16310	50.00
3	5390	86	252	5728	293	4206	0	0	5178	5328	-688	14867	0	14867	1466	16333	49.99
4	5452	111	250	5813	389	4196	0	0	5164	4932	-637	14693	0	14693	1420	16113	49.99
5	5500	87	251	5838	482	4221	0	0	5305	5330	-665	15206	0	15206	1445	16651	49.96
6	6135	97	251	6483	534	4471	0	0	6180	6015	-779	16724	0	16724	1564	18288	49.94
7	6470	117	289	6876	550	4716	0	3	6622	6295	-814	17626	0	17626	1782	19408	49.97
8	6491	608	302	7401	747	4942	0	66	6608	6576	-814	18918	0	18918	2007	20925	50.01
9	6495	427	293	7215	583	4994	0	276	6710	6783	-1018	18833	0	18833	2279	21112	50.05
10	6421	478	287	7186	537	5016	0	538	7121	7187	-1238	19226	0	19226	2547	21773	50.04
11	6428	427	281	7136	654	5044	0	830	7616	7678	-1413	19929	0	19929	2727	22656	50.04
12	6458	385	278	7121	635	4963	0	974	8001	7789	-1541	19941	0	19941	2782	22723	50.03
13	6528	234	238	7000	451	4936	0	978	7766	7553	-1623	19295	0	19295	2706	22001	50.02
14	6472	234	244	6950	338	4870	0	969	7592	7700	-1536	19291	0	19291	2581	21872	50.04
15	6633	209	243	7085	246	4942	0	838	7607	7614	-1538	19187	0	19187	2614	21801	50.00
16	6747	147	233	7127	173	4981	0	662	7747	7585	-1541	18987	0	18987	2617	21604	49.96
17	6721	297	245	7263	115	5054	0	371	6893	6695	-1367	18131	0	18131	2637	20768	49.95
18	6681	205	245	7131	91	5024	0	86	6213	5907	-1263	16976	0	16976	2608	19584	50.01
19	6683	156	248	7087	179	4911	0	1	5911	5598	-1427	16349	0	16349	2584	18933	49.99
20	6653	123	237	7013	257	4894	0	0	5882	5514	-1469	16209	0	16209	2545	18754	50.01
21	6094	141	247	6482	314	4541	0	0	5658	5592	-1347	15582	0	15582	2427	18009	49.94
22	5973	291	248	6512	277	4321	0	0	5424	5624	-1220	15514	0	15514	2260	17774	50.02
23	6145	111	248	6504	217	4396	0	0	5363	5188	-1158	15147	0	15147	2099	17246	50.00
24	6281	76	249	6606	229	4440	0	0	5257	4790	-1077	14988	0	14988	1933	16921	50.01
MUs	149.93	5.20	6.16	161.29	8.75	112.54	0.00	6.59	152.49	149.96	-27.72	411.42	0.00	411.42	52.84	464.27	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 23/Jan/2020

Position as on 6.30 Hrs of 24/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.	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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	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	
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 B0	120	28/12/2019	22:48		Continued.	Gas shortage	
MSPGCL	Uran Unit 7	108	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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 23/Jan/2020

Position as on 6.30 Hrs of 24/Jan/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Nasik Unit 4	210	19/01/2020	04.35		Continued.	Governor problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 24/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 II	InterState	22/01/2020	18.19	23/01/2020	05.50	HT	Over Voltage
Padgha Tarapur I	InterState	23/01/2020	13.39		Continued.	HT	B Phase Line CVT voltage found abnormal
Chakan Talegaon(Pg)	InterState	23/01/2020	15.27	23/01/2020	19.49	PO	To replace Isolator Hanger Rod of 400KV A Bus
Dhule Sar'Sarovar I	InterState	23/01/2020	18.07	24/01/2020	06.34	HT	Over Voltage
Karad-Jaigad - I	IntraState	22/01/2020	08.31	23/01/2020	08.21	PO	Insulator Replacement Work
Khadka-Aurangabad (Waluj)	IntraState	22/01/2020	17.10	23/01/2020	06.40	HT	Over Voltage
Deepnagar Taptitanda	IntraState	23/01/2020	06.50	23/01/2020	17.42	PO	Disc Replacement work
karad -kolhapur-I	IntraState	23/01/2020	09.35	23/01/2020	16.34	PO	Replacement of Disc Insulator String
Jaigad-New Koyna Ckt-II	IntraState	23/01/2020	10.04		Continued.	PO	Insulator replacement work
Khadka-Aurangabad (Waluj)	IntraState	23/01/2020	18.13		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	22/01/2020	15.34	23/01/2020	08.58	EO	EM Hand Tripped, To attend R & Y Ph L.V.Oil Leakage (Charged From H.V.Side at 20.42hrs.)
400/220 KV 300 MVA ICT- I @Koradi	IntraState	23/01/2020	09.42		Continued.	PO	Testing Work
400/220KV 500MVA ICT-I @Nanded	IntraState	23/01/2020	10.35	23/01/2020	20.03	PO	To Paint R Phase OLTC Unit
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	23/01/2020	12.42	23/01/2020	15.47	PO	Testing Work
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)
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		Continued.	PO	Stringing of HTLS conductor.
Wardha-Yeotmal	IntraState	16/01/2020	12.13		Continued.	PO	Shifting/Diversion work of 220KV Deoli-Pusad D/C Line
Bhira Dharavi 7	IntraState	18/01/2020	08.08	24/01/2020	00.21	PO	Maintenance work.
Kadegaon-Miraj	IntraState	21/01/2020	08.05		Continued.	PO	Erection of Multi CKT Tower
Padghe - Nalasopara	IntraState	22/01/2020	08.21	23/01/2020	20.36	PO	Construction Work.
Dahanu Ghodbunder Line 2	IntraState	22/01/2020	09.10	23/01/2020	00.07	PO	For Main Bus 2 Outages.
Wpcl-Warora 2	IntraState	22/01/2020	10.40	23/01/2020	16.05	T	B/C Protection Operated.
Baramati- Kalyani	IntraState	23/01/2020	06.11	23/01/2020	16.40	PO	Diversion work
Mulund - GIS Bhandup	IntraState	23/01/2020	06.36	23/01/2020	11.29	PO	Safety Purpose
Kalwa - Mulund 1	IntraState	23/01/2020	06.41	23/01/2020	11.25	PO	Safety purpose
Dahanu Versova	IntraState	23/01/2020	08.52	23/01/2020	18.42	PO	Overhauling of Isolator
BHUGAON WARORA CKT-I	IntraState	23/01/2020	09.03	23/01/2020	19.32	PO	Tightening of Jumper Nut Bolt
Jejuri (400 Kv)- Baramati li	IntraState	23/01/2020	09.34	23/01/2020	15.25	PO	Diversion work
220 KV VIRODA - AMALNER	IntraState	23/01/2020	11.06	23/01/2020	16.53	PO	Conversion of SSN to DSN
GIS Bhandup - Borivali	IntraState	23/01/2020	12.06	23/01/2020	14.13	PO	Testing Work
Chakan-Bhosari	IntraState	23/01/2020	12.16	23/01/2020	16.20	PO	Line Signature analysis
Gadchandur - Virur-II	IntraState	23/01/2020	12.24	23/01/2020	16.04	PO	Testing Work
220 KV ICT Outages/Trippings							

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 23/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 24/Jan/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 kV 200 MVA ICT-III @ Nanded	IntraState	23/01/2020	10.06	23/01/2020	18.02	PO	Overhauling of OLTC,Diverter Switch
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	23/01/2020	10.31	23/01/2020	18.13	PO	CTR Servicing and Maint.work
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	23/01/2020	10.38		Continued.	PO	Replacement of Density Monitor
220/132kV 100MVA ICT-II @ Alephata	IntraState	23/01/2020	11.42	23/01/2020	14.56	PO	Routine Maintenance Work
220/132KV 100MVA -1@Alephata	IntraState	23/01/2020	15.00	23/01/2020	19.24	PO	Routine Maintenance Work