

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Jan/2021 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	153.105	3873.113	1) Gujrat	1.898	19.854
2) Hydro	11.846	338.161	2) Madhya Pradesh	7.584	256.751
3) Gas	7.033	159.211	3) Chattisgarh	5.480	169.240
Total MSPGCL	171.984	4370.485	4) Maharashtra	127.684	3753.742
B) 1) APML	52.444	1035.878	5) Goa (Amona)	-0.800	-29.176
2) JSWEL	15.951	461.251	Total	141.846	4170.411
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.522	515.210
4) RPL(AMT)	26.164	720.125	b) Mumbai Drawl	19.260	529.057
5) WPCL	6.903	198.548	c) MSEDCL Bilateral *	26.579	1027.697
6) Other IPP	17.983	473.783	Include PX	-1.370	234.399
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.688	509.905
C) 1) TPCL Thermal	8.048	294.101	Include PX	2.600	256.668
2) TPCL Hydro	5.064	115.743	Standby	0.835	5.305
3) TPCL Gas	3.843	70.586	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.791	259.573	1) MSEDCL	425.646	11251.520
D) STATE			2) Mumbai Discoms	45.006	1269.060
1) Thermal	289.389	7316.372	TOTAL STATE	470.652	12520.580
(A1+C1+C4+(B1-B6))					
2) Hydro	16.910	453.904			
(A2+C2)					
3) Gas	10.876	229.797			
(A3+B7+C3)					
4) Wind	4.223	185.243			
6) SOLAR	7.408	164.853			
TOTAL STATE	328.806	8350.169			

* 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 3 Hrs
MSPGCL Thermal	6899	6790	6742	5010
MSPGCL Hydro	992	790	714	88
MSPGCL Gas	291	279	292	296
MSPGCL Total Generation	8182	7858	7748	5394
Central Sector Receipt	7141	7000	5383	5161
WIND	53	71	110	237
CPP / IPP Thermal	5678	5566	5037	4082
CPP / IPP Gas	0	0	0	0
SOLAR	1068	1097	0	0
Exchange with Mumbai	-915	-1152	-1011	-531
MSEDCL DEMAND MET	21207	20440	17267	14343
Load Shedding	0	0	0	0
MSEDCL DEMAND	21207	20440	17267	14343
TPCL GENERATION	976	862	826	483
AEML GENERATION	446	285	395	283
MUMBAI DEMAND	2337	2299	2232	1297
STATE DEMAND MET	23544	22740	19499	15640
STATE DEMAND	23544	22740	19499	15640
Frequency (Hz)	50.02	50.02	49.97	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 06:01 Hrs	49.83 Hz at 21:22 Hrs	50.02	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 27/Jan/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.20	70.94	170	125
Unit 7	3.06	45.88	139	110
Unit 8	10.94	315.82	535	371
Unit 9	11.56	318.91	531	375
Unit 10	10.32	260.66	470	370
Total	39.09	1012.20		
Bhusawal				
Unit 3	0.00	58.90	0	0
Unit 4	10.05	260.50	475	280
Unit 5	9.74	190.25	455	285
Total	19.79	509.65		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.02	136.55	250	183
Unit 7	5.06	136.74	248	194
Unit 8	5.39	140.35	250	200
Total	15.46	413.64		
Chandrapur				
Unit 3	3.76	101.93	172	125
Unit 4	3.60	76.67	160	131
Unit 5	9.36	208.00	440	275
Unit 6	9.44	236.04	440	285
Unit 7	8.14	210.52	385	279
Unit 8	10.21	50.85	482	275
Unit 9	10.69	298.56	490	283
Total	55.20	1182.57		
Paras				
Unit 3	5.36	127.07	250	170
Unit 4	0.00	138.10	0	0
Total	5.36	265.18		
Khaparkheda				
Unit 1	3.24	86.20	155	115
Unit 2	3.52	95.58	165	115
Unit 3	4.12	105.56	195	135
Unit 4	4.02	103.87	200	130
Unit 5	0.00	8.74	0	0
Total	14.90	399.95		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.30	89.91	195	123
Unit 5	0.00	0.00	0	0
Total	3.30	89.91		
Uran				
All Units	7.03	159.21	306	269
Total	7.03	159.21		
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)	0.46	6.92	23	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.46	6.92		
Koyna				
Stage 1-2	2.14	76.46	530	40
Stage 4	4.94	136.57	627	0
Stage 3	1.66	45.57	160	0
Total	8.75	258.60		
Hydro				
KDPH	0.46	9.70	36	18
VTRNA	0.46	3.95	60	0
TILLARI	0.47	6.13	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	7.23	40	0
RNGR+BHTSA	0.31	9.03	14	13
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	6.85	0	0
SMLHY_PTN	0.28	7.15	12	11
GHATGHAR	0.88	29.52	250	0
Total	3.10	79.56		
Wind				
Total	4.22	185.24	0	0
Total	4.22	185.24		
CPP				
APML(Mus)	52.44	1035.88	0	0
JSWEL(Mus)	15.95	461.25	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	26.16	720.12	0	0
WPCL(Mus)	6.90	198.55	0	0
Other(Mus)	17.98	473.78	0	0
Total	119.44	2889.58		
SOLAR				
Total	7.41	164.85	0	0
Total	7.41	164.85		
Tata				
Trombay 5	8.05	186.53	447	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.40	43.03	100	100
Trombay 7B	1.44	27.55	61	60
Trombay 8	0.00	107.57	0	0
TATA Hydro	5.06	115.74	415	8
Total	16.96	480.43		
AEML				
DTPS U-1&2	8.79	259.57	499	282
Total	8.79	259.57		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	153.10	3873.11	MSPGCL Total	171.98	4370.48
			MSPGCL Thml+Gas	160.14	4032.32	Koyna 1,2 & 4 Total	7.08	213.02
			MSPGCL Hydro	11.85	338.16	State Total	328.81	8350.17

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/Jan/2021

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	5001	94	305	5400	244	4403	0	0	5545	5340	-663	14723	0	14723	1440	16163	50.03
2	4993	88	305	5386	265	4253	0	0	5440	5226	-579	14552	0	14552	1355	15906	50.01
3	5010	88	296	5394	237	4082	0	0	5395	5161	-531	14343	0	14343	1297	15640	50.01
4	4992	94	296	5382	186	3972	0	0	5368	5590	-500	14630	0	14630	1265	15894	50.04
5	5174	184	305	5662	231	4269	0	0	5452	5703	-506	15360	0	15360	1272	16632	50.02
6	6302	88	306	6696	225	4503	0	0	5382	5497	-587	16334	0	16334	1352	17686	50.00
7	6823	186	306	7316	239	5048	0	0	5835	5672	-610	17665	0	17665	1459	19124	50.01
8	6895	512	297	7704	208	5450	0	58	6071	6173	-542	19050	0	19050	1651	20702	49.97
9	7061	988	306	8354	123	5794	0	365	6164	5979	-600	20015	0	20015	1927	21942	50.04
10	7088	1012	294	8394	104	5752	0	726	6589	6232	-721	20486	0	20486	2168	22654	50.04
11	7112	1046	293	8450	104	5737	0	910	7147	6816	-791	21227	0	21227	2312	23539	50.04
12	6899	992	291	8182	53	5678	0	1068	7293	7141	-915	21207	0	21207	2337	23544	50.02
13	6790	790	279	7858	71	5566	0	1097	7169	7000	-1152	20440	0	20440	2299	22740	50.02
14	6737	830	269	7836	110	5520	0	1045	6808	6782	-1128	20164	0	20164	2207	22371	50.03
15	6744	938	288	7970	100	5518	0	921	6798	6423	-1061	19872	0	19872	2183	22055	50.02
16	6800	988	269	8056	127	5348	0	702	6626	6598	-879	19952	0	19952	2199	22152	50.03
17	6848	796	289	7932	144	5305	0	398	5997	6079	-904	18954	0	18954	2206	21160	50.02
18	6818	494	280	7592	133	5032	0	113	5834	5900	-925	17846	0	17846	2190	20036	50.04
19	6761	372	292	7426	124	5023	0	5	5432	5410	-976	17012	0	17012	2230	19242	50.02
20	6742	714	292	7748	110	5037	0	0	5154	5383	-1011	17267	0	17267	2232	19499	49.97
21	6742	191	293	7226	179	4715	0	0	5445	5121	-978	16263	0	16263	2096	18359	50.00
22	6547	147	294	6988	263	4489	0	0	5535	5362	-969	16133	0	16133	1948	18081	49.99
23	6225	133	293	6651	284	4462	0	0	5642	5337	-927	15807	0	15807	1769	17576	49.99
24	6001	84	295	6380	359	4489	0	0	5641	5921	-805	16344	0	16344	1612	17956	50.01
MUs	153.10	11.85	7.03	171.98	4.22	119.45	0.00	7.41	143.76	141.85	-19.26	425.65	0.00	425.65	45.01	470.65	50.02

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 27/Jan/2021

Position as on 6.30 Hrs of 28/Jan/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna STG-IV Unit-2	250	23/11/2020	08.00		Continued.	Capital Overhaul	
MSPGCL	Khaparkheda Unit 5	500	01/01/2021	23.13		Continued.	Annual Overhaul	
IPP	JSW (J) U4	300	28/01/2021	01.34		Continued.	Annual Overhaul	
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	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	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
IPP	JSW (J) U2	300	01/11/2020	04.44	27/01/2021	11.19	No Schedule	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	Economizer Tube Leakage. (Zero Schedule from 18:45hrs of 05.12.2020)	
IPP	Adani U-5	660	18/01/2021	21.00		Continued.	zero scheduled	
MSPGCL	Koyna Unit 11	80	19/01/2021	10.05		Continued.	Tripped on stator earth fault (will not be available till dt.18.04.21)	
TPC_G	Trombay 8	250	24/01/2021	12.20		Continued.	Due to heavy leakage from Deaerator drain valve.	
MSPGCL	Bhusawal Unit 3	210	26/01/2021	00.00		Continued.	Zero schedule.	
MSPGCL	Paras Unit 4	250	26/01/2021	08.40	28/01/2021	06.22	Clinker Formation	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 28/Jan/2021

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	26/01/2021	17.48		Continued.	HT	Over Voltage
Lonikand 1 - Talegaon(Pgcil)	IntraState	31/12/2020	10.17	27/01/2021	21.43	PO	1)Erection of 89A(N+27) & 90A(N+27); 2) loc no. 89A to 90A stringing; 3) loc no. 89A to 82 stringing;4) loc no. 90 to 92 stringing; 5)Dismantling of old towers 89 & 90
Khadka-Aurangabad (Waluj)	IntraState	26/01/2021	18.17	27/01/2021	06.21	HT	Over Voltage
Karad-Jaigad - I	IntraState	26/01/2021	18.19	27/01/2021	09.03	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	26/01/2021	18.19	27/01/2021	06.17	HT	Over Voltage
Koradi-Khaperkheda I	IntraState	27/01/2021	10.29	27/01/2021	17.57	PO	Isolator Maintenance work
Padghe - Nagothane - II	IntraState	27/01/2021	10.29	27/01/2021	18.09	PO	Testing Work
Khadka-Aurangabad (Waluj)	IntraState	27/01/2021	19.57		Continued.	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	27/01/2021	20.00		Continued.	PO	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement of existing 315 MVA ICT by 3*167 MVA ICT.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	23/09/2020	09.12		Continued.	PO	Augmentation work of 400/220 315MVA ICT-II to 501MVA
400/220/33 kv 315 MVA ICT-I @Chandrapur GCR	IntraState	27/01/2021	09.40	27/01/2021	20.56	PO	Routine Maintenance Work
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	20/08/2020	13.05		Continued.	PO	Erection of Tower Due to Railway Crossing
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	20/08/2020	13.06		Continued.	PO	Erection of Tower Due to Railway Crossing
ALKUD - MENDHEGIRI CKT - 2	IntraState	12/01/2021	11.00		Continued.	PO	CT,PT,ABT Meter and testing work
Chandrapur GCR - Sicom II	IntraState	24/01/2021	10.07		Continued.	PO	Dismantling of RCC Structure and erection of new structure of CT
Miraj - Mhaishal	IntraState	27/01/2021	09.03	27/01/2021	18.48	PO	Line Maintenance work
OSMANABAD BARSHI	IntraState	27/01/2021	09.18	27/01/2021	16.04	PO	Bus outage at Barshi End
PARANDA BARSHI	IntraState	27/01/2021	09.18	27/01/2021	16.04	PO	Bus outage at Barshi End
Dasturi-Kandalgaon Line	IntraState	27/01/2021	09.22	27/01/2021	17.17	PO	Conductor & PA rod replacement work.
Koyna (Pophali) - Kdph	IntraState	27/01/2021	10.20	27/01/2021	18.45	PO	Tree cutting work
Tambati - Adlabs	IntraState	27/01/2021	10.21	27/01/2021	18.58	PO	Overhauling work at Adlab end
Lonand-Baramati	IntraState	27/01/2021	11.34		Continued.	PO	Bus isolator replacement work.
PANDHARPUR BHALVANI	IntraState	27/01/2021	12.51	27/01/2021	12.58	PO	Tree Cutting
Pandarpur-Khanapur	IntraState	27/01/2021	13.20	27/01/2021	14.20	PO	Tree Cutting
220KV Chalisagaon-Kopergaon	IntraState	27/01/2021	18.30	27/01/2021	22.23	PO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/100 Kv 100 Mva Emco Ict 1 @Tambati	IntraState	27/01/2021	10.40	27/01/2021	19.05	PO	CTR Maintenance work
220/132 Kv 100mva Ict 2 @South Solapur (Kumbhari)	IntraState	27/01/2021	10.55	27/01/2021	12.51	PO	Quarterly Maintainance Work
220/22 Kv 50 Mva Alstom Ptr 2 @Taloja	IntraState	27/01/2021	10.59	27/01/2021	15.32	PO	Routine Maintenance Work

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