

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Jan/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	161.183	4355.771	1) Gujrat	0.234	23.498
2) Hydro	5.715	360.850	2) Madhya Pradesh	7.622	281.530
3) Gas	6.938	180.164	3) Chattisgarh	5.050	185.410
Total MSPGCL	173.836	4896.785	4) Maharashtra	121.720	4130.938
B) 1) APML	54.617	1200.463	5) Goa (Amona)	-0.816	-31.526
2) JSWEL	19.001	516.154	Total	133.810	4589.850
3) VIPL	0.000	0.000	a) Mumbai Schedule	15.570	568.378
4) RPL(AMT)	25.862	798.966	b) Mumbai Drawl	14.772	584.047
5) WPCL	6.980	220.368	c) MSEDCL Bilateral *	27.907	1113.754
6) Other IPP	18.070	528.087	Include PX	-1.817	231.389
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	15.570	560.070
C) 1) TPCL Thermal	13.975	326.598	Include PX	1.246	262.717
2) TPCL Hydro	2.514	124.761	Standby	0.000	8.308
3) TPCL Gas	3.857	82.145	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.112	288.951	1) MSEDCL	430.647	12555.720
D) STATE			2) Mumbai Discoms	45.230	1406.502
1) Thermal	309.800	8235.358	TOTAL STATE	475.877	13962.222
(A1+C1+C4+(B1-B6))					
2) Hydro	8.229	485.611			
(A2+C2)					
3) Gas	10.795	262.309			
(A3+B7+C3)					
4) Wind	5.991	203.050			
6) SOLAR	7.252	186.044			
TOTAL STATE	342.067	9372.372			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	7363	7088	7114	5127
MSPGCL Hydro	569	477	108	97
MSPGCL Gas	291	278	281	305
MSPGCL Total Generation	8223	7843	7503	5529
Central Sector Receipt	6807	6493	4203	5474
WIND	137	106	198	436
CPP / IPP Thermal	5958	5741	5705	4453
CPP / IPP Gas	0	0	0	0
SOLAR	930	1095	1	0
Exchange with Mumbai	-761	-754	-663	-434
MSEDCL DEMAND MET	21294	20524	16947	15458
Load Shedding	0	0	0	0
MSEDCL DEMAND	21294	20524	16947	15458
TPCL GENERATION	1022	1032	1038	614
AEML GENERATION	501	500	500	284
MUMBAI DEMAND	2284	2286	2201	1332
STATE DEMAND MET	23578	22810	19148	16790
STATE DEMAND	23578	22810	19148	16790
Frequency (Hz)	50.03	50.01	50.01	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 18.01 Hrs	49.7 Hz at 05.09 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 30/Jan/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.28	80.85	175	125
Unit 7	3.00	55.04	135	108
Unit 8	10.94	348.46	525	370
Unit 9	11.66	353.93	520	375
Unit 10	11.65	293.72	510	370
Total	40.53	1132.00		
Bhusawal				
Unit 3	0.00	58.90	0	0
Unit 4	10.04	291.59	480	285
Unit 5	9.89	220.90	475	285
Total	19.92	571.39		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.99	152.14	243	191
Unit 7	5.11	152.35	248	190
Unit 8	5.44	156.59	250	198
Total	15.54	461.08		
Chandrapur				
Unit 3	3.66	112.47	172	122
Unit 4	3.48	87.21	161	126
Unit 5	9.18	235.45	450	275
Unit 6	9.10	263.74	440	280
Unit 7	8.16	234.90	372	284
Unit 8	11.26	84.50	495	300
Unit 9	11.06	331.78	481	265
Total	55.90	1350.06		
Paras				
Unit 3	5.21	142.66	250	160
Unit 4	5.53	153.18	250	157
Total	10.74	295.84		
Khaparkheda				
Unit 1	3.22	95.70	155	115
Unit 2	3.58	106.18	170	115
Unit 3	4.27	118.33	200	140
Unit 4	4.14	116.34	200	130
Unit 5	0.00	8.74	0	0
Total	15.21	445.31		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.34	100.10	195	126
Unit 5	0.00	0.00	0	0
Total	3.34	100.10		
Uran				
All Units	6.94	180.16	315	256
Total	6.94	180.16		
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)	0.47	8.24	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.47	8.24		
Koyna				
Stage 1-2	1.74	83.00	165	35
Stage 4	0.44	140.96	230	0
Stage 3	0.46	47.78	80	0
Total	2.64	271.74		
Hydro				
KDPH	0.64	11.23	37	19
VTRNA	0.40	5.21	60	0
TILLARI	0.46	7.52	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.17	7.82	40	0
RNGR+BHTSA	0.35	10.04	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	6.85	0	0
SMLHY_PTN	0.17	8.22	8	7
GHATGHAR	0.88	32.22	250	0
Total	3.08	89.11		
Wind				
Total	5.99	203.05	0	0
Total	5.99	203.05		
CPP				
APML(Mus)	54.62	1200.46	0	0
JSWEL(Mus)	19.00	516.15	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	25.86	798.97	0	0
WPCL(Mus)	6.98	220.37	0	0
Other(Mus)	18.07	528.09	0	0
Total	124.53	3264.04		
SOLAR				
Total	7.25	186.04	0	0
Total	7.25	186.04		
Tata				
Trombay 5	9.29	213.44	447	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.40	50.23	100	100
Trombay 7B	1.46	31.91	62	60
Trombay 8	4.68	113.16	233	137
TATA Hydro	2.51	124.76	249	0
Total	20.35	533.50		
AEML				
DTPS U-1&2	10.11	288.95	501	282
Total	10.11	288.95		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	161.18	4355.77	MSPGCL Total	173.84	4896.78
			MSPGCL Thml+Gas	168.12	4535.94	Koyna 1,2 & 4 Total	2.18	223.96
			MSPGCL Hydro	5.72	360.85	State Total	342.07	9372.37

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/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	6347	87	315	6749	316	4487	0	0	5169	4959	-596	15915	0	15915	1524	17439	50.01
2	6081	82	294	6457	434	4458	0	0	5172	4946	-533	15762	0	15762	1432	17194	49.99
3	5475	92	295	5862	483	4490	0	0	5364	5116	-475	15476	0	15476	1373	16849	50.00
4	5127	97	305	5529	436	4453	0	0	5396	5474	-434	15458	0	15458	1332	16790	49.99
5	5825	82	295	6202	367	4468	0	0	5355	5223	-455	15805	0	15805	1351	17156	49.99
6	6791	225	296	7312	350	4581	0	0	5573	5412	-524	17131	0	17131	1420	18551	49.96
7	7108	161	305	7574	447	4889	0	2	6303	5685	-541	18056	0	18056	1512	19568	49.97
8	7291	276	306	7873	351	5633	0	64	5931	6064	-379	19606	0	19606	1663	21269	50.03
9	7308	419	295	8022	278	5925	0	352	5914	6198	-528	20247	0	20247	1897	22144	50.05
10	7411	524	294	8229	206	5954	0	661	6329	6448	-657	20841	0	20841	2131	22972	50.03
11	7363	569	291	8223	137	5958	0	930	6845	6807	-761	21294	0	21294	2284	23578	50.03
12	7178	708	269	8155	144	5857	0	1026	7029	6737	-775	21144	0	21144	2337	23481	50.01
13	7088	477	278	7843	106	5741	0	1095	6895	6493	-754	20524	0	20524	2286	22810	50.01
14	7063	226	277	7566	96	5517	0	1024	6730	6767	-758	20212	0	20212	2183	22395	50.02
15	7055	294	256	7605	128	5434	0	879	6534	6557	-723	19880	0	19880	2146	22026	49.95
16	7103	246	266	7615	142	5613	0	709	6575	6443	-686	19836	0	19836	2141	21977	49.95
17	7215	108	278	7601	167	5765	0	398	5857	5547	-587	18891	0	18891	2144	21035	50.04
18	7184	113	279	7576	167	5765	0	111	4725	4744	-598	17765	0	17765	2144	19909	50.06
19	7114	108	281	7503	198	5705	0	1	4493	4203	-663	16947	0	16947	2201	19148	50.01
20	7067	123	291	7481	205	5522	0	0	4690	4060	-656	16612	0	16612	2223	18835	49.99
21	6768	160	292	7220	160	4797	0	0	4542	4202	-602	15777	0	15777	2116	17893	49.98
22	6305	167	283	6755	224	4521	0	0	5234	5225	-587	16138	0	16138	1965	18103	50.00
23	5900	163	293	6356	208	4497	0	0	5356	5353	-817	15597	0	15597	1787	17384	49.99
24	6016	208	304	6528	241	4500	0	0	5226	5147	-683	15733	0	15733	1638	17371	50.02
MUs	161.18	5.71	6.94	173.84	5.99	124.53	0.00	7.25	137.24	133.81	-14.77	430.65	0.00	430.65	45.23	475.88	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 30/Jan/2021

Position as on 6.30 Hrs of 31/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 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
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)	
MSPGCL	Bhusawal Unit 3	210	26/01/2021	00.00		Continued.	Zero schedule.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 31/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 I	InterState	28/01/2021	17.00		Continued.	HT	Over Voltage
Koradi Satpur	InterState	29/01/2021	11.24	30/01/2021	06.05	PO	Work at Satpur end
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	29/01/2021	09.30	30/01/2021	00.20	PO	CVT Replacement At Waluj End.
Kharghar-Talegaon(PG)	IntraState	29/01/2021	18.32	31/01/2021	18.40	PO	Replacement Of Conductor Between LOC No 95-96.
Dhule - Bableshwar - II	IntraState	29/01/2021	20.11	30/01/2021	07.06	HT	Over Voltage
Lonikand I - Koyrna stage-IV	IntraState	30/01/2021	13.39	30/01/2021	17.42	T	Distance Protection
Dhule- Bableshwar - I	IntraState	30/01/2021	20.00	31/01/2021	10.03	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	30/01/2021	22.06	31/01/2021	08.13	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	31/01/2021	19.27		Continued.	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	31/01/2021	19.58		Continued.	HT	Over Voltage
koaradi II - Wardha(PG)	IntraState	31/01/2021	22.40		Continued.	T	Distance Protection
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
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
Kalwa - Borivali	IntraState	25/01/2021	14.07	30/01/2021	20.06	PO	Bay Strengthening Scheme Work.
Miraj - Mhaishal	IntraState	29/01/2021	17.45	30/01/2021	01.32	PO	Double Jumpering At Cut Point Location.
Alkud Miraj	IntraState	29/01/2021	21.12	30/01/2021	01.45	PO	Double Jumpering Work At M/C Location Of 220Kv Miraj-Mahisal Line. Outage Taken On 220KV Miraj-Alkud Line For Safety.
Badnera-Akola I	IntraState	30/01/2021	07.43	30/01/2021	18.25	PO	Badnera Akola Ckt-I&II From Loc 6 To 7 Due To Shifting Of These Ckts On M/c Tower From Loc 6 To 7.
Pophali - Pedambe II	IntraState	30/01/2021	09.10	30/01/2021	17.30	PO	For Cold Washing Of Insulator Strings & Emergency Tree Cutting Work.
Halkarni-Mahalaxmi line	IntraState	30/01/2021	09.11	30/01/2021	12.37	PO	For Cold Washing Of Bus & Bay Equipment Maintenance & Alignment Of All Isolators ,Maintenance Of All Bay Equipment.
Kalwa - Mulund 2	IntraState	30/01/2021	09.36	30/01/2021	19.25	PO	For OPGW Stringing Work In Between Loc No. Kalwa Gantry To 14B.
Boisar Versova Line	IntraState	30/01/2021	09.57	30/01/2021	10.37	PO	Removal Of Foreign Material From Conductor/Insulator/Hardware On Identified Towers Of LS,SS & VAB line.
Vsnl-512 Khadki	IntraState	30/01/2021	10.20	30/01/2021	18.10	PO	Diagnostic Testing 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 30/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 31/Jan/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Sawantwadi-Bidri	IntraState	30/01/2021	10.30	30/01/2021	18.10	PO	For CB Overhauling Work At 220KV Insuli S/s
Bombay Dyeing - Sahara	IntraState	30/01/2021	11.10	30/01/2021	19.06	PO	Replacement Of Polymer Insulator By Long Rod Porcelain For Loc No 77-85,124-129&106-111.
Kandalgaon - Pirangut	IntraState	31/01/2021	08.20		Continued.	PO	Replacement of Broken Earthwire
New Koyna - Pedambe	IntraState	31/01/2021	09.38	31/01/2021	16.15	T	Cold Washing of Insulator strings
Kalwa - Mulund 2	IntraState	31/01/2021	09.54	31/01/2021	18.51	PO	OPGW stringing work
220 KV ICT Outages/Trippings							
220/100 Kv 200 Mva Alstom Ict 2 @Apta	IntraState	29/01/2021	11.20		Continued.	PO	Diagnostic Testing Work.
220/132kv 100mva Ict 1 @Peth	IntraState	30/01/2021	08.03	30/01/2021	11.45	PO	Measurement Of IR & PI Testing Work.
200 MVA 220/132 KV ICT - 1 @VIRODA	IntraState	30/01/2021	10.40	30/01/2021	16.45	PO	Attending OLTC Tap Changing.
220/132kv 100 Mva Ict 2 @Peth	IntraState	30/01/2021	13.02	30/01/2021	15.54	PO	Measurement Of IR & PI Testing Work.
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	31/01/2021	09.24	31/01/2021	14.22	EO	Attending Oil Leakage
Dharavi : 220 / 110 / 33 250 MVA ICT 10	IntraState	31/01/2021	09.44	31/01/2021	14.58	PO	Routine Maintenance Work
220/100 Kv 100 MVA ICT II @Vasai-II	IntraState	31/01/2021	14.54	31/01/2021	18.15	PO	OLTC issues attending
110 KV LINE Outages/Trippings							
Kalyan Kalwa Salsette 2	IntraState	30/01/2021	08.15	30/01/2021	18.09	PO	Tree Trimming Work.

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