

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Jan/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	161.129	4194.588	1) Gujrat	1.265	23.264
2) Hydro	7.310	355.135	2) Madhya Pradesh	9.454	273.908
3) Gas	6.985	173.226	3) Chattisgarh	5.660	180.360
Total MSPGCL	175.424	4722.949	4) Maharashtra	126.194	4009.218
B) 1) APLM	54.645	1145.846	5) Goa (Amona)	-0.826	-30.710
2) JSWEL	17.819	497.153	Total	141.747	4456.040
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.635	552.809
4) RPL(AMT)	26.597	773.104	b) Mumbai Drawl	19.906	569.275
5) WPCL	7.062	213.388	c) MSEDCL Bilateral *	27.710	1085.847
6) Other IPP	18.161	510.017	Include PX	-1.139	233.206
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.562	544.501
C) 1) TPCL Thermal	9.794	312.623	Include PX	2.639	261.471
2) TPCL Hydro	3.466	122.247	Standby	1.074	8.308
3) TPCL Gas	3.855	78.288	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.548	278.839	1) MSEDCL	433.994	12125.073
D) STATE			2) Mumbai Discoms	46.569	1361.272
1) Thermal	304.755	7925.558	TOTAL STATE	480.563	13486.345
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	10.776	477.382			
3) Gas (A3+B7+C3)	10.840	251.514			
4) Wind	5.506	197.059			
6) SOLAR	6.939	178.792			
TOTAL STATE	338.816	9030.305			

* 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 24 Hrs
MSPGCL Thermal	7235	7192	6868	6259
MSPGCL Hydro	486	306	788	144
MSPGCL Gas	281	279	282	294
MSPGCL Total Generation	8002	7776	7938	6696
Central Sector Receipt	7254	6997	4525	4791
WIND	154	113	214	255
CPP / IPP Thermal	5736	5652	5194	4462
CPP / IPP Gas	0	0	0	0
SOLAR	1041	1020	0	0
Exchange with Mumbai	-1057	-1091	-956	-730
MSEDCL DEMAND MET	21130	20468	16916	15474
Load Shedding	0	0	0	0
MSEDCL DEMAND	21130	20468	16916	15474
TPCL GENERATION	863	817	931	664
AEML GENERATION	498	496	400	285
MUMBAI DEMAND	2418	2404	2287	1679
STATE DEMAND MET	23548	22872	19202	17154
STATE DEMAND	23548	22872	19202	17154
Frequency (Hz)	49.94	49.97	50.02	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18:02 Hrs	49.8 Hz at 11:43 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 29/Jan/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.32	77.57	180	125
Unit 7	3.13	52.04	148	118
Unit 8	10.32	337.52	460	372
Unit 9	11.62	342.27	560	375
Unit 10	11.16	282.07	500	370
Total	39.55	1091.46		
Bhusawal				
Unit 3	0.00	58.90	0	0
Unit 4	10.40	281.56	480	290
Unit 5	10.20	211.01	480	290
Total	20.60	551.46		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.32	147.15	250	199
Unit 7	5.19	147.24	248	192
Unit 8	5.33	151.15	248	200
Total	15.83	445.54		
Chandrapur				
Unit 3	3.60	108.80	170	122
Unit 4	3.52	83.73	163	123
Unit 5	9.23	226.27	450	275
Unit 6	9.21	254.64	440	284
Unit 7	8.21	226.74	375	285
Unit 8	11.17	73.25	475	435
Unit 9	10.96	320.73	480	417
Total	55.90	1294.16		
Paras				
Unit 3	5.36	137.45	252	155
Unit 4	5.46	147.65	250	162
Total	10.81	285.10		
Khaparkheda				
Unit 1	3.16	92.48	145	115
Unit 2	3.52	102.60	170	115
Unit 3	4.24	114.06	200	140
Unit 4	4.21	112.21	202	130
Unit 5	0.00	8.74	0	0
Total	15.12	430.10		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.31	96.76	199	120
Unit 5	0.00	0.00	0	0
Total	3.31	96.76		
Uran				
All Units	6.98	173.23	316	267
Total	6.98	173.23		
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)	0.38	7.76	22	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.38	7.76		
Koyna				
Stage 1-2	2.06	81.26	480	40
Stage 4	1.61	140.52	507	0
Stage 3	0.72	47.31	160	0
Total	4.39	269.10		
Hydro				
KDPH	0.44	10.59	19	19
VTRNA	0.42	4.81	59	0
TILLARI	0.46	7.06	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	7.65	40	0
RNGR+BHTSA	0.34	9.69	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	6.85	0	0
SMLHY_PTN	0.48	8.04	21	20
GHATGHAR	0.56	31.34	125	0
Total	2.92	86.04		
Wind				
Total	5.51	197.06	0	0
Total	5.51	197.06		
CPP				
APML(Mus)	54.64	1145.85	0	0
JSWEL(Mus)	17.82	497.15	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	26.60	773.10	0	0
WPCL(Mus)	7.06	213.39	0	0
Other(Mus)	18.16	510.02	0	0
Total	124.28	3139.51		
SOLAR				
Total	6.94	178.79	0	0
Total	6.94	178.79		
Tata				
Trombay 5	8.89	204.15	447	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.40	47.83	100	100
Trombay 7B	1.46	30.46	62	60
Trombay 8	0.90	108.47	139	0
TATA Hydro	3.47	122.25	318	0
Total	17.12	513.16		
AEML				
DTPS U-1&2	9.55	278.84	500	280
Total	9.55	278.84		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	161.13	4194.59	MSPGCL Total	175.42	4722.95
			MSPGCL Thml+Gas	168.11	4367.81	Koyna 1,2 & 4 Total	3.67	221.79
			MSPGCL Hydro	7.31	355.14	State Total	338.82	9030.30

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/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	6228	92	295	6616	415	4487	0	0	5474	5469	-689	16298	0	16298	1497	17794	50.02
2	5887	102	295	6284	417	4483	0	0	5534	5506	-637	16054	0	16054	1394	17448	49.99
3	5562	92	306	5960	490	4486	0	0	5719	5958	-584	16310	0	16310	1340	17650	49.99
4	5539	108	305	5952	461	4484	0	0	5733	5829	-557	16168	0	16168	1314	17482	50.00
5	5907	92	306	6306	441	4474	0	0	5672	5757	-573	16404	0	16404	1328	17732	50.03
6	6766	102	296	7164	267	4635	0	0	5924	5999	-658	17408	0	17408	1414	18822	49.98
7	7144	130	316	7590	185	5380	0	1	6570	5983	-680	18458	0	18458	1533	19992	50.00
8	7237	706	296	8238	205	5889	0	56	6127	5976	-620	19744	0	19744	1730	21474	49.98
9	7222	988	306	8516	235	5907	0	296	6118	6227	-796	20384	0	20384	2004	22388	50.02
10	7321	1056	294	8672	191	5869	0	636	6469	6173	-930	20610	0	20610	2231	22842	50.03
11	7326	566	292	8184	188	5881	0	877	7006	6975	-994	21110	0	21110	2374	23484	50.02
12	7235	486	281	8002	154	5736	0	1041	7382	7254	-1057	21130	0	21130	2418	23548	49.94
13	7192	306	279	7776	113	5652	0	1020	7086	6997	-1091	20468	0	20468	2404	22872	49.97
14	7104	276	278	7658	72	5638	0	983	6802	7076	-987	20440	0	20440	2285	22724	50.01
15	7082	160	268	7510	81	5650	0	877	6992	6513	-929	19702	0	19702	2264	21966	50.02
16	7076	152	267	7494	79	5644	0	667	6984	6706	-919	19672	0	19672	2264	21936	49.97
17	7047	102	289	7438	79	5623	0	378	6497	6173	-846	18846	0	18846	2247	21092	49.98
18	6919	98	280	7296	111	5283	0	106	5509	5786	-926	17656	0	17656	2238	19894	50.01
19	6885	290	281	7456	180	5141	0	1	4826	4943	-882	16840	0	16840	2265	19104	49.99
20	6868	788	282	7938	214	5194	0	0	4434	4525	-956	16916	0	16916	2287	19202	50.02
21	6723	152	292	7168	204	5255	0	0	4617	4387	-985	16028	0	16028	2175	18204	50.04
22	6330	162	294	6786	230	4557	0	0	5479	5414	-976	16012	0	16012	2033	18044	50.04
23	6270	158	293	6722	239	4474	0	0	5379	5330	-904	15860	0	15860	1851	17712	49.97
24	6259	144	294	6696	255	4462	0	0	5239	4791	-730	15474	0	15474	1679	17154	50.00
MUs	161.13	7.31	6.98	175.42	5.51	124.28	0.00	6.94	143.57	141.75	-19.91	433.99	0.00	433.99	46.57	480.56	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 29/Jan/2021

Position as on 6.30 Hrs of 30/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	
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	29/01/2021	16.29	Due to heavy leakage from Deaerator drain valve.	
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 29/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 30/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
Khadka-Aurangabad (Waluj)	IntraState	29/01/2021	01.44	29/01/2021	06.44	HT	Over Voltage
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		Continued.	PO	Replacement Of Conductor Between LOC No 95-96.
Dhule - Bableshwar - II	IntraState	29/01/2021	20.11		Continued.	HT	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
400/220kv, 500 MVA ICT-II @Deepnagar	IntraState	29/01/2021	09.28	29/01/2021	13.28	PO	For Main CB DCRM Testing 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
Lonand-Baramati	IntraState	27/01/2021	11.34	29/01/2021	17.22	PO	Bus isolator replacement work.
Ongc Uran - Jnpt	IntraState	29/01/2021	07.45	29/01/2021	08.45	T	Distance Protection
Uran - Jnpt	IntraState	29/01/2021	07.45	29/01/2021	09.02	T	Distance Protection
Sawantwadi-Bidri	IntraState	29/01/2021	08.20	29/01/2021	18.56	PO	For CB Overhauling Work At 220KV Insuli S/s.
Pophli Pedhmbe Line- 1	IntraState	29/01/2021	09.05	29/01/2021	17.35	PO	For Cold Washing Of Insulator String & emergency Tree cutting Work.
Koradi-Ambazari-li	IntraState	29/01/2021	09.21	29/01/2021	17.11	PO	For Erection Of CB Pole After Replacement Of Circuit Breaker Pole Nozzle.
Waluj-Padegaon I	IntraState	29/01/2021	10.30	29/01/2021	19.35	PO	Replacement Of Faulty Strings.
IPCL - SPCL	IntraState	29/01/2021	10.42	29/01/2021	16.35	PO	220 KV B Ph. CT Replacement,Y,B Ph. LA Replacement At IPCI End.
Taloja li - OCIL-II	IntraState	29/01/2021	11.29	29/01/2021	15.01	PO	CT tan-delta and Hot-Spot Attending 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 Jumpwering Work At M/C Location Of 220Kv Miraj-Mahisal Line. Outage Taken On 220KV Miraj-Alkud Line For Safety.
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Cgl Ict 1 @Bhugaon	IntraState	28/01/2021	10.42	29/01/2021	12.58	PO	OLTC Overhauling Work.
220/22 Kv 50 Mva Telk Ptr 3 @Kolshet	IntraState	29/01/2021	09.35	29/01/2021	19.50	PO	Diagnostic Testing Work.
220/132 kv 200 Mva ICT-II @Boisar -li	IntraState	29/01/2021	10.05	29/01/2021	14.30	EO	R&M Work Of B Phase Isolator 132KV Side.
220/100 Kv 200 Mva Alstom Ict 2 @Apta	IntraState	29/01/2021	11.20		Continued.	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 29/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 30/Jan/2021

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 Vijai Ict 1 @Babhleshwar	IntraState	29/01/2021	14.40	29/01/2021	16.21	PO	Oil Top Up In Main Conservator Tank.