

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Jan/2020 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	110.826	790.980	1) Gujrat	3.417	22.366
2) Hydro	26.503	97.434	2) Madhya Pradesh	14.329	96.897
3) Gas	5.746	40.702	3) Chattisgarh	7.880	53.220
Total MSPGCL	143.075	929.116	4) Maharashtra	118.607	737.322
B) 1) APLM	67.832	466.982	5) Goa (Amona)	-0.682	-4.312
2) JSWEL	26.147	162.954	Total	143.551	905.493
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.337	123.120
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.343	130.737
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	26.143	169.043
6) Other IPP	15.993	104.592	Include PX	3.670	9.156
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.337	123.120
C) 1) TPCL Thermal	15.263	98.496	Include PX	7.708	42.401
2) TPCL Hydro	4.146	21.002	Standby	0.000	0.000
3) TPCL Gas	2.144	17.427	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.498	63.707	1) MSEDCL	384.876	2549.961
D) STATE			2) Mumbai Discoms	52.394	331.368
1) Thermal	241.559	1687.711	TOTAL STATE	437.270	2881.329
(A1+C1+C4+(B1-B6))					
2) Hydro	30.649	118.436			
(A2+C2)					
3) Gas	7.890	58.129			
(A3+B7+C3)					
4) Wind	8.441	75.997			
6) SOLAR	5.180	35.564			
TOTAL STATE	293.719	1975.837			

* 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	4681	4645	4584	4376
MSPGCL Hydro	1990	1982	1584	76
MSPGCL Gas	276	229	233	232
MSPGCL Total Generation	6946	6856	6402	4684
Central Sector Receipt	7257	6834	5589	5021
WIND	340	251	201	469
CPP / IPP Thermal	4900	5065	5017	3557
CPP / IPP Gas	0	0	0	0
SOLAR	794	766	2	0
Exchange with Mumbai	-1381	-1301	-1264	-685
MSEDCL DEMAND MET	18856	18472	15946	13046
Load Shedding	0	0	0	0
MSEDCL DEMAND	18856	18472	15946	13046
TPCL GENERATION	1120	1128	1095	579
AEML GENERATION	250	250	250	195
MUMBAI DEMAND	2751	2679	2609	1459
STATE DEMAND MET	21608	21150	18556	14504
STATE DEMAND	21608	21150	18556	14504
Frequency (Hz)	49.99	49.97	49.97	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 00.01 Hrs	49.76 Hz at 07.23 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 07/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	12.13	84.84	619	395
Unit 9	12.55	81.55	555	460
Unit 10	0.04	37.18	38	0
Total	24.72	203.57		
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	5.59	18.28	250	190
Unit 7	0.26	24.46	93	0
Unit 8	5.63	37.48	250	190
Total	11.48	80.22		
Chandrapur				
Unit 3	4.07	29.06	186	152
Unit 4	4.02	26.59	175	155
Unit 5	8.59	59.81	365	350
Unit 6	10.84	72.54	470	360
Unit 7	0.00	0.00	0	0
Unit 8	11.14	74.21	480	450
Unit 9	10.40	72.59	445	425
Total	49.05	334.79		
Paras				
Unit 3	4.83	34.80	230	160
Unit 4	5.50	35.96	250	190
Total	10.33	70.76		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	3.22	0	0
Unit 5	10.96	69.51	500	370
Total	10.96	72.72		
Nasik				
Unit 3	4.28	28.92	195	160
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	4.28	28.92		
Uran				
All Units	5.75	40.70	284	221
Total	5.75	40.70		
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)	0.15	0.60	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.15	0.60		
Koyna				
Stage 1-2	6.16	24.41	515	35
Stage 4	13.93	43.76	1007	0
Stage 3	4.15	14.87	320	0
Total	24.24	83.03		
Hydro				
KDPH	0.44	1.21	19	19
VTRNA	0.00	0.00	0	0
TILLARI	0.48	3.24	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	0.83	77	0
RNGR+BHTSA	0.33	2.18	14	13
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.05	0	0
SMLHY_PTN	0.13	2.22	16	3
GHATGHAR	0.73	4.67	125	0
Total	2.26	14.40		
Wind				
Total	8.44	76.00	0	0
Total	8.44	76.00		
CPP				
APML(Mus)	67.83	466.98	0	0
JSWEL(Mus)	26.15	162.95	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)	15.99	104.59	0	0
Total	109.97	734.53		
SOLAR				
Total	5.18	35.56	0	0
Total	5.18	35.56		
Tata				
Trombay 5	9.93	62.72	483	274
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.18	9.66	58	42
Trombay 7B	0.96	7.77	47	36
Trombay 8	5.34	35.78	248	182
TATA Hydro	4.15	21.00	294	64
Total	21.55	136.92		
AEML				
DTPS U-1&2	5.50	63.71	250	192
Total	5.50	63.71		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	110.83	790.98	MSPGCL Total	143.08	929.12
			MSPGCL Thml+Gas	116.57	831.68	Koyna 1,2 & 4 Total	20.09	68.16
			MSPGCL Hydro	26.50	97.43	State Total	293.72	1975.84

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/Jan/2020

Annexure-2

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	4497	72	232	4800	467	4096	0	0	5019	4883	-855	13392	0	13392	1651	15042	50.02
2	4426	70	222	4718	501	3873	0	0	5001	4919	-756	13256	0	13256	1534	14790	49.97
3	4376	76	232	4684	469	3557	0	0	4963	5021	-685	13046	0	13046	1459	14504	50.00
4	4406	70	222	4698	492	3549	0	0	4958	5103	-667	13176	0	13176	1418	14594	50.02
5	4623	140	233	4996	467	3812	0	0	5122	5421	-683	14014	0	14014	1426	15440	50.01
6	4718	310	222	5250	443	4158	0	0	5746	5674	-675	14850	0	14850	1576	16426	49.99
7	4767	1330	257	6354	501	4212	0	0	6024	6223	-751	16538	0	16538	1801	18340	49.91
8	4761	1720	284	6766	594	4296	0	69	6252	6848	-750	17822	0	17822	1997	19820	49.89
9	4732	1902	283	6918	528	4405	0	279	6298	6589	-921	17798	0	17798	2275	20072	50.01
10	4760	2024	281	7066	480	4561	0	536	6376	6796	-1170	18268	0	18268	2538	20806	49.97
11	4708	2026	278	7012	393	4737	0	741	6626	7068	-1343	18608	0	18608	2706	21314	49.99
12	4681	1990	276	6946	340	4900	0	794	6941	7257	-1381	18856	0	18856	2751	21608	49.99
13	4645	1982	229	6856	251	5065	0	766	6569	6834	-1301	18472	0	18472	2679	21150	49.97
14	4650	1610	232	6492	223	5095	0	735	6848	6683	-1205	18022	0	18022	2564	20586	49.96
15	4610	1804	223	6638	219	5044	0	618	6559	7069	-1240	18348	0	18348	2588	20936	49.94
16	4578	1808	232	6618	171	5047	0	439	6908	6737	-1232	17780	0	17780	2581	20360	49.95
17	4552	1924	222	6698	206	5035	0	241	6222	6298	-1234	17244	0	17244	2581	19826	49.95
18	4564	1710	222	6496	157	5042	0	38	5627	5967	-1225	16474	0	16474	2574	19048	50.01
19	4584	1584	233	6402	201	5017	0	2	5719	5589	-1264	15946	0	15946	2609	18556	49.97
20	4627	1472	222	6322	143	5039	0	0	5643	5595	-1221	15878	0	15878	2552	18430	49.97
21	4669	418	233	5320	212	4951	0	0	5615	5473	-1199	14758	0	14758	2388	17146	49.97
22	4735	264	221	5220	284	4862	0	0	5423	5403	-1344	14424	0	14424	2220	16644	50.00
23	4627	74	232	4934	394	4833	0	0	5416	5146	-1204	14102	0	14102	2049	16152	50.01
24	4530	120	223	4872	305	4786	0	0	5000	4955	-1037	13882	0	13882	1877	15758	50.00
MUs	110.83	26.50	5.75	143.08	8.44	109.97	0.00	5.26	140.88	143.55	-25.34	384.95	0.00	384.95	52.39	437.35	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 07/Jan/2020

Position as on 6.30 Hrs of 08/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	Chandrapur Unit 7	500	27/07/2019	00.00		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.	
MSPGCL	Koyna Unit 7	80	31/10/2019	16.30		Continued.	Turbine Vibration(converted to Capital Overhaul for 60 Days from 09.00Hrs DT.01-11-2019)	
MSPGCL	Nasik Unit 4	210	20/11/2019	04.15		Continued.	ID Fan Problem(Converted for Zero Schedule from 05.00hrs DT. 21-11-2019 and Continued for Annual Overhaul From 01.12.2019	
AEML	AEML Unit 2	250	06/01/2020	18.44		Continued.	Annual Overhaul	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 07/Jan/2020

Position as on 6.30 Hrs of 08/Jan/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							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	Khaparkheda Unit 1	210	31/12/2019	03.35		Continued.	Boiler Tube Leakage(Converted to Zero Schedule from (10.25hrs DT. 01-01-2020)	
MSPGCL	Khaparkheda Unit 2	210	31/12/2019	16.53		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 3	210	31/12/2019	17.33		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 4	210	01/01/2020	19.58		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Koradi Unit 10	660	04/01/2020	03.40	07/01/2020	22.52	Boiler Tube Leakage	
MSPGCL	Parli Unit 7	250	05/01/2020	19.31	07/01/2020	20.08	Due To Suspected BTL.	
IPP	Adani U-2	660	05/01/2020	20.11	07/01/2020	09.06	Due To Generator Protection Operated.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 07/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 08/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	06/01/2020	17.46	07/01/2020	06.56	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	07/01/2020	18.10	08/01/2020	06.33	HT	Over Voltage
Koradi-RattanIndia	IntraState	06/01/2020	06.59	07/01/2020	08.13	PO	Replacement Of B-Phase Suspected Faulty CVT Due To Large Drift And Devitaion In Secondary Volatge, Isolator Aligmnet.
Karad - Talandge Ckt 1	IntraState	06/01/2020	08.15	07/01/2020	07.34	PO	Quarterly Maintenance Work
Bhusawal-Aurangabad	IntraState	06/01/2020	17.10	07/01/2020	07.47	HT	Over Voltage
Karad - Talandge Ckt 2	IntraState	07/01/2020	08.28		Continued.	PO	C and Tan Delta testing work
Koradi-RattanIndia	IntraState	07/01/2020	10.04	07/01/2020	12.53	HT	Smoke in panel terminal
Khadka-Aurangabad (Waluj)	IntraState	07/01/2020	17.07		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.
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)
BADNERA - WARDHA (PG) (Deoli)	InterState	07/01/2020	07.29	07/01/2020	13.11	HT	H/T by WRLDC to control Overdrawal
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
MAHAPE - RELIANCE GIS	IntraState	28/12/2019	18.27		Continued.	HT	At Mahape End For New Configuration.
Baramati- Kalyani	IntraState	31/12/2019	09.20		Continued.	PO	Diversion of 220KV Lines Emanating From Baramati s/s Through Underground Cable.
Trombay - Mulund	IntraState	06/01/2020	09.33		Continued.	PO	For Pilling Cab Work Of Tower Foundation Of Newly Proposed loc no. 05 near Loc no.19 inline TO existing transmiision Line.
Trombay - Kalwa	IntraState	06/01/2020	09.47		Continued.	PO	For Pilling Cab Work Of Tower Foundation Of Newly Proposed Loc No. 5 Near Loc No. 19 Inline To Existing Transmission Line.
GIS Bhandup - Borivali	IntraState	07/01/2020	07.27	07/01/2020	10.57	EO	To attend Hot Spot
Dahanu-Viraj	IntraState	07/01/2020	08.15	07/01/2020	21.20	PO	Breaker Mechanism overhauling and testing work(charged through TBC)
Pedhambe - Oni	IntraState	07/01/2020	08.30	07/01/2020	17.40	PO	Insulator Strings washing
Lonand-Baramati	IntraState	07/01/2020	10.15	07/01/2020	19.12	PO	Bunching of 220KV Lonand-Baramati line will be done at LOC.NO.17
Bhugaon-WardhaPG (Deoli)	IntraState	07/01/2020	13.35	07/01/2020	18.48	PO	Routine Maintenance Work
Dahanu-Viraj	IntraState	07/01/2020	21.35		Continued.	HT	Abnormal Sound observed from Y Phase CT of TBC
220 KV ICT Outages/Trippings							
220/132 Kv Ict 2 200 Mva @Parbhani	IntraState	07/01/2020	10.10	07/01/2020	13.18	T	Attending Oil Leakage

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