

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Jan/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	106.861	680.154	1) Gujrat	2.539	18.949
2) Hydro	25.063	70.931	2) Madhya Pradesh	14.607	82.568
3) Gas	5.656	34.956	3) Chattisgarh	7.500	45.340
Total MSPGCL	137.580	786.041	4) Maharashtra	109.504	618.715
B) 1) APMIL	57.469	399.150	5) Goa (Amona)	-0.528	-3.630
2) JSWEL	24.653	136.807	Total	133.622	761.942
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.888	100.783
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	19.737	105.394
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	21.178	142.901
6) Other IPP	15.718	88.599	Include PX	0.576	5.486
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.888	100.783
C) 1) TPCL Thermal	14.990	83.233	Include PX	7.146	34.693
2) TPCL Hydro	3.979	16.856	Standby	0.000	0.000
3) TPCL Gas	2.434	15.283	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.078	58.209	1) MSEDCL	372.687	2165.085
D) STATE			2) Mumbai Discoms	50.218	278.974
1) Thermal	228.769	1446.152	TOTAL STATE	422.905	2444.059
(A1+C1+C4+(B1-B6))					
2) Hydro	29.042	87.787			
(A2+C2)					
3) Gas	8.090	50.239			
(A3+B7+C3)					
4) Wind	17.259	67.556			
6) SOLAR	6.123	30.384			
TOTAL STATE	289.283	1682.118			

* 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 2 Hrs
MSPGCL Thermal	4630	4596	4804	3792
MSPGCL Hydro	1958	1981	1559	59
MSPGCL Gas	233	222	223	222
MSPGCL Total Generation	6821	6799	6586	4073
Central Sector Receipt	6896	6571	6070	3718
WIND	608	515	110	1489
CPP / IPP Thermal	4376	4338	4420	3254
CPP / IPP Gas	0	0	0	0
SOLAR	924	971	0	0
Exchange with Mumbai	-1069	-1004	-1133	-456
MSEDCL DEMAND MET	18556	18190	16053	12078
Load Shedding	0	0	0	0
MSEDCL DEMAND	18556	18190	16053	12078
TPCL GENERATION	1107	1106	1082	567
AEML GENERATION	468	469	311	374
MUMBAI DEMAND	2644	2579	2526	1397
STATE DEMAND MET	21200	20769	18579	13475
STATE DEMAND	21200	20769	18579	13475
Frequency (Hz)	49.94	49.95	50.01	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 00.01 Hrs	49.68 Hz at 14.27 Hrs	49.97	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 06/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	13.31	72.71	630	460
Unit 9	11.21	69.00	557	375
Unit 10	0.00	37.14	0	0
Total	24.52	178.84		
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	3.27	12.68	240	0
Unit 7	0.00	24.20	0	0
Unit 8	5.57	31.85	250	199
Total	8.84	68.74		
Chandrapur				
Unit 3	4.11	24.99	189	152
Unit 4	3.97	22.57	173	155
Unit 5	8.56	51.22	365	340
Unit 6	10.50	61.69	480	360
Unit 7	0.00	0.00	0	0
Unit 8	10.88	63.07	490	360
Unit 9	10.51	62.19	470	370
Total	48.53	285.73		
Paras				
Unit 3	4.90	29.97	245	185
Unit 4	5.25	30.46	250	180
Total	10.15	60.43		
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	10.53	58.55	490	360
Total	10.53	61.76		
Nasik				
Unit 3	4.29	24.64	192	161
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	4.29	24.64		
Uran				
All Units	5.66	34.96	283	222
Total	5.66	34.96		
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)	0.12	0.46	41	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.12	0.46		
Koyna				
Stage 1-2	5.62	18.25	455	35
Stage 4	12.92	29.82	1009	0
Stage 3	4.36	10.72	320	0
Total	22.90	58.79		
Hydro				
KDPH	0.09	0.77	18	0
VTRNA	0.00	0.00	0	0
TILLARI	0.48	2.76	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	0.69	63	0
RNGR+BHTSA	0.33	1.85	14	13
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.05	0	0
SMLHY_PTN	0.31	2.08	22	10
GHATGHAR	0.85	3.94	125	0
Total	2.16	12.14		
Wind				
Total	17.26	67.56	0	0
Total	17.26	67.56		
CPP				
APML(Mus)	57.47	399.15	0	0
JSWEL(Mus)	24.65	136.81	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)	15.72	88.60	0	0
Total	97.84	624.56		
SOLAR				
Total	6.12	30.38	0	0
Total	6.12	30.38		
Tata				
Trombay 5	9.68	52.79	472	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.34	8.47	59	46
Trombay 7B	1.10	6.81	48	38
Trombay 8	5.31	30.44	245	182
TATA Hydro	3.98	16.86	294	0
Total	21.40	115.37		
AEML				
DTPS U-1&2	9.08	58.21	469	196
Total	9.08	58.21		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	106.86	680.15	MSPGCL Total	137.58	786.04
			MSPGCL Thml+Gas	112.52	715.11	Koyna 1,2 & 4 Total	18.54	48.07
			MSPGCL Hydro	25.06	70.93	State Total	289.28	1682.12

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	3792	69	232	4093	1427	3267	0	0	4429	4020	-606	12201	0	12201	1496	13697	50.07
2	3792	59	222	4073	1489	3254	0	0	3568	3718	-456	12078	0	12078	1397	13475	49.99
3	3778	69	232	4079	1468	3292	0	0	3561	3719	-403	12155	0	12155	1334	13489	50.02
4	3774	59	222	4055	1512	3337	0	0	3698	3810	-383	12331	0	12331	1303	13634	50.01
5	3752	244	233	4229	1511	3374	0	0	3888	4119	-410	12823	0	12823	1328	14151	49.97
6	4007	528	223	4758	1444	3565	0	0	4545	4968	-543	14192	0	14192	1484	15676	49.93
7	4349	1094	278	5721	1224	3978	0	3	5477	5459	-630	15755	0	15755	1708	17463	49.89
8	4549	1457	282	6288	1025	4156	0	67	5748	5976	-572	16940	0	16940	1913	18853	49.97
9	4650	1525	283	6458	904	4327	0	304	5860	6081	-704	17370	0	17370	2200	19570	49.96
10	4633	1598	269	6500	739	4374	0	568	6079	6275	-883	17573	0	17573	2463	20036	49.91
11	4556	1934	242	6732	614	4375	0	811	6408	6626	-1033	18125	0	18125	2614	20739	49.97
12	4630	1958	233	6821	608	4376	0	924	6445	6896	-1069	18556	0	18556	2644	21200	49.94
13	4596	1981	222	6799	515	4338	0	971	6260	6571	-1004	18190	0	18190	2579	20769	49.95
14	4695	1769	223	6687	386	4298	0	876	6422	6525	-923	17849	0	17849	2478	20327	49.96
15	4655	1725	232	6612	358	4291	0	764	6434	6900	-925	18000	0	18000	2500	20500	49.89
16	4727	1713	222	6662	252	4282	0	528	6263	6896	-952	17668	0	17668	2534	20202	50.00
17	4761	1914	222	6897	233	4378	0	261	6083	6484	-959	17294	0	17294	2524	19818	49.93
18	4774	1434	232	6440	136	4452	0	46	5819	6054	-1010	16118	0	16118	2488	18606	50.00
19	4804	1559	223	6586	110	4420	0	0	5702	6070	-1133	16053	0	16053	2526	18579	50.01
20	4862	1351	232	6445	129	4416	0	0	5701	5645	-1124	15511	0	15511	2453	17964	49.99
21	4837	505	223	5565	195	4417	0	0	5584	5613	-1052	14738	0	14738	2314	17052	49.94
22	4757	209	230	5196	260	4364	0	0	5401	5200	-993	14027	0	14027	2160	16187	50.03
23	4593	217	222	5032	341	4255	0	0	5092	5127	-1041	13714	0	13714	1979	15693	49.98
24	4538	92	222	4852	379	4254	0	0	4873	4870	-929	13426	0	13426	1799	15225	50.01
MUs	106.86	25.06	5.66	137.58	17.26	97.84	0.00	6.12	129.34	133.62	-19.74	372.69	0.00	372.69	50.22	422.91	49.97

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 06/Jan/2020

Position as on 6.30 Hrs of 07/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 06/Jan/2020

Position as on 6.30 Hrs of 07/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	Parli Unit 6	250	02/01/2020	17.52	06/01/2020	04.40	Zero Schedule By MSEDCL	
MSPGCL	Koradi Unit 10	660	04/01/2020	03.40		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 7	250	05/01/2020	19.31		Continued.	Due To Suspected BTL.	
IPP	Adani U-2	660	05/01/2020	20.11		Continued.	Due To Generator Protection Operated.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 07/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 I	InterState	05/01/2020	17.26	06/01/2020	08.04	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	06/01/2020	17.46	07/01/2020	06.56	HT	Over Voltage
Padghe - Kalwa-II	IntraState	25/12/2019	10.31	06/01/2020	08.00	PO	MMRDA Shifting/Height Raising Construction Work 05/Jan/2020 22.00 REC.
Khadka-Aurangabad (Waluj)	IntraState	05/01/2020	17.32	06/01/2020	09.32	HT	Over Voltage
karad -kolhapur-I	IntraState	05/01/2020	20.45		Continued.	HT	Over Voltage
Koradi-RattanIndia	IntraState	06/01/2020	06.59		Continued.	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		Continued.	PO	Quarterly Maintenance Work
Bhusawal-Aurangabad	IntraState	06/01/2020	17.10		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.
400/220/33 Kv 315 Mva ICT I @ Akola (M)	IntraState	06/01/2020	10.09	06/01/2020	19.51	PO	Routine Maintenance 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	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.
ACCIL - Apta	IntraState	06/01/2020	11.08	06/01/2020	17.02	PO	Emergency Tree Cutting At Loc No. 570 To 571 & hot spot attending Work at loc no. 537,535.
Deoli(Pgcil)-Badnera	IntraState	06/01/2020	14.32	06/01/2020	16.46	HT	To Control OD.
220 KV ICT Outages/Trippings							
220/33kv 125 MVA T/F-I @ Goregaon	IntraState	06/01/2020	14.07	06/01/2020	16.17	PO	For Verifiacion Of 33KV Termination Carried Out On 06/07/2019
220/132 Kv 200 Mva Cgl Ict 1 @Boisar-Ii	IntraState	06/01/2020	14.10	06/01/2020	15.01	PO	OLTC Oil Top Up Work

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