

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 08/Jan/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.174	915.154	1) Gujrat	4.628	26.994
2) Hydro	10.993	108.427	2) Madhya Pradesh	15.699	112.596
3) Gas	5.654	46.356	3) Chattisgarh	7.810	61.030
Total MSPGCL	140.821	1069.937	4) Maharashtra	116.152	853.474
B) 1) APMIL	72.191	539.173	5) Goa (Amona)	-0.528	-4.840
2) JSWEL	25.559	188.513	Total	143.761	1049.254
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.173	147.292
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	27.250	157.987
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	27.075	196.118
6) Other IPP	15.673	120.265	Include PX	5.724	14.880
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.173	147.292
C) 1) TPCL Thermal	14.227	112.723	Include PX	10.232	52.634
2) TPCL Hydro	3.870	24.872	Standby	0.000	0.000
3) TPCL Gas	2.009	19.436	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.187	68.894	1) MSEDCL	384.282	2934.243
D) STATE			2) Mumbai Discoms	52.543	383.911
1) Thermal	257.011	1944.722	TOTAL STATE	436.825	3318.154
(A1+C1+C4+(B1-B6))					
2) Hydro	14.863	133.299			
(A2+C2)					
3) Gas	7.663	65.792			
(A3+B7+C3)					
4) Wind	9.138	85.135			
6) SOLAR	4.389	39.953			
TOTAL STATE	293.064	2268.901			

* 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 4 Hrs
MSPGCL Thermal	5354	5425	5511	4622
MSPGCL Hydro	1188	832	244	90
MSPGCL Gas	278	227	221	223
MSPGCL Total Generation	6820	6484	5976	4934
Central Sector Receipt	7262	6896	5728	4950
WIND	470	562	438	175
CPP / IPP Thermal	5049	5029	4941	4187
CPP / IPP Gas	0	0	0	0
SOLAR	649	648	0	0
Exchange with Mumbai	-1453	-1370	-1302	-726
MSEDCL DEMAND MET	18798	18250	15780	13520
Load Shedding	0	0	0	0
MSEDCL DEMAND	18798	18250	15780	13520
TPCL GENERATION	1099	1095	994	580
AEML GENERATION	249	249	242	192
MUMBAI DEMAND	2801	2714	2538	1498
STATE DEMAND MET	21598	20964	18318	15018
STATE DEMAND	21598	20964	18318	15018
Frequency (Hz)	50.00	49.99	50.01	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 13:02 Hrs	49.75 Hz at 08:53 Hrs	49.99	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 08/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	10.64	95.48	480	385
Unit 9	13.05	94.60	565	464
Unit 10	9.63	46.81	564	30
Total	33.32	236.89		
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	5.40	23.68	250	190
Unit 7	5.19	29.65	248	187
Unit 8	5.47	42.95	250	190
Total	16.07	96.28		
Chandrapur				
Unit 3	4.16	33.22	187	157
Unit 4	3.96	30.55	172	148
Unit 5	8.46	68.27	360	325
Unit 6	10.92	83.45	484	360
Unit 7	0.00	0.00	0	0
Unit 8	11.18	85.39	490	370
Unit 9	10.58	83.16	485	370
Total	49.25	384.04		
Paras				
Unit 3	5.43	40.22	259	187
Unit 4	5.49	41.45	255	195
Total	10.92	81.68		
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	10.55	80.06	500	360
Total	10.55	83.27		
Nasik				
Unit 3	4.06	32.98	190	157
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	4.06	32.98		
Uran				
All Units	5.65	46.36	284	220
Total	5.65	46.36		
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)	0.02	0.63	22	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	0.63		
Koyna				
Stage 1-2	2.80	27.21	325	40
Stage 4	4.92	48.68	1000	0
Stage 3	1.12	15.99	160	0
Total	8.85	91.88		
Hydro				
KDPH	0.44	1.66	19	19
VTRNA	0.00	0.00	0	0
TILLARI	0.48	3.72	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	0.97	80	0
RNGR+BHTSA	0.36	2.54	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.05	0	0
SMLHY_PTN	0.30	2.52	22	9
GHATGHAR	0.42	5.09	125	0
Total	2.15	16.55		
Wind				
Total	9.14	85.14	0	0
Total	9.14	85.14		
CPP				
APML(Mus)	72.19	539.17	0	0
JSWEL(Mus)	25.56	188.51	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)	15.67	120.26	0	0
Total	113.42	847.95		
SOLAR				
Total	4.39	39.95	0	0
Total	4.39	39.95		
Tata				
Trombay 5	9.18	71.90	478	306
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.11	10.77	51	41
Trombay 7B	0.90	8.67	41	35
Trombay 8	5.04	40.82	246	182
TATA Hydro	3.87	24.87	294	0
Total	20.11	157.03		
AEML				
DTPS U-1&2	5.19	68.89	250	191
Total	5.19	68.89		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	124.17	915.15	MSPGCL Total	140.82	1069.94
			MSPGCL Thml+Gas	129.83	961.51	Koyna 1,2 & 4 Total	7.72	75.89
			MSPGCL Hydro	10.99	108.43	State Total	293.06	2268.90

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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	4604	88	232	4924	309	4634	0	0	5214	4961	-883	13946	0	13946	1726	15672	50.00
2	4626	88	222	4936	268	4511	0	0	5126	4873	-822	13766	0	13766	1601	15368	50.01
3	4638	84	232	4954	269	4280	0	0	5129	4895	-756	13642	0	13642	1527	15170	50.02
4	4622	90	223	4934	175	4187	0	0	5122	4950	-726	13520	0	13520	1498	15018	50.00
5	5012	98	222	5332	130	4419	0	0	5143	5082	-726	14238	0	14238	1498	15736	50.01
6	5377	216	232	5826	99	4798	0	0	5489	5339	-726	15336	0	15336	1642	16978	50.01
7	5467	1072	222	6762	134	4860	0	2	5944	5961	-786	16932	0	16932	1843	18776	49.97
8	5447	1282	235	6964	124	4824	0	51	6600	6598	-915	17646	0	17646	2037	19684	49.93
9	5393	1038	284	6716	136	5006	0	191	6745	6905	-1015	17938	0	17938	2313	20252	49.93
10	5372	1128	281	6782	162	4997	0	413	6745	6809	-1243	17920	0	17920	2590	20510	49.92
11	5322	1454	280	7056	289	5045	0	582	6944	6918	-1405	18486	0	18486	2753	21238	50.01
12	5354	1188	278	6820	470	5049	0	649	7529	7262	-1453	18798	0	18798	2801	21598	50.00
13	5425	832	227	6484	562	5029	0	648	7374	6896	-1370	18250	0	18250	2714	20964	49.99
14	5529	320	231	6080	607	5042	0	622	7183	6797	-1335	17812	0	17812	2567	20380	50.06
15	5373	166	221	5760	754	4912	0	524	7283	7159	-1360	17748	0	17748	2561	20310	49.99
16	5169	208	231	5608	673	4892	0	453	7212	7226	-1510	17342	0	17342	2551	19894	49.97
17	5480	308	221	6010	625	4880	0	211	6594	6424	-1475	16674	0	16674	2541	19216	49.96
18	5513	364	232	6108	443	4884	0	43	5945	6039	-1442	16076	0	16076	2511	18586	49.99
19	5511	244	221	5976	438	4941	0	0	5747	5728	-1302	15780	0	15780	2538	18318	50.01
20	5301	164	232	5696	509	4848	0	0	5719	5709	-1266	15496	0	15496	2461	17958	50.03
21	5128	192	220	5540	553	4491	0	0	5388	5385	-1349	14620	0	14620	2314	16934	49.98
22	5075	184	221	5480	528	4328	0	0	5245	5366	-1275	14426	0	14426	2168	16594	50.03
23	4799	88	232	5120	474	4285	0	0	5213	5181	-1118	13942	0	13942	1964	15906	50.01
24	4637	94	222	4952	407	4281	0	0	5098	5298	-992	13946	0	13946	1824	15770	50.04
MUs	124.17	10.99	5.65	140.82	9.14	113.42	0.00	4.39	145.73	143.76	-27.25	384.28	0.00	384.28	52.54	436.82	49.99

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 08/Jan/2020

Position as on 6.30 Hrs of 09/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	08/01/2020	00.00	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 08/Jan/2020

Position as on 6.30 Hrs of 09/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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 09/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	07/01/2020	18.10	08/01/2020	06.33	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	08/01/2020	12.02	09/01/2020	06.34	PO	Outage at SSNNL End.
Karad - Talandge Ckt 2	IntraState	07/01/2020	08.28	08/01/2020	09.26	PO	C and Tan Delta testing work.(RFC At 19:26 On
Khadka-Aurangabad (Waluj)	IntraState	07/01/2020	17.07	08/01/2020	07.27	HT	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	08/01/2020	10.31	08/01/2020	16.27	PO	Distance Relay Testing Work
Bhusawal-Aurangabad	IntraState	08/01/2020	18.08		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)
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	08/01/2020	07:04	HT	At Mahape End For New Configuration.(Avail Outage on Kharghar - Borivali-2)
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	08/01/2020	15:10	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	08/01/2020	15:22	PO	For Pilling Cab Work Of Tower Foundation Of Newly Proposed Loc No. 5 Near Loc No. 19 Inline To Existing Transmission Line.
Dahanu-Viraj	IntraState	07/01/2020	21.35	08/01/2020	11.50	HT	Abnormal Sound observed from Y Phase CT of TBC
Loteparshuram- Dasturi Line	IntraState	08/01/2020	07.33	08/01/2020	13.15	T	Distance Protection
Kharghar-Borivali ckt II	IntraState	08/01/2020	07:23	08/01/2020	10:37	EO	To Attend Hot Spot. (Tap to TFIPL)
OSMANABAD PARANDA	IntraState	08/01/2020	09.48	08/01/2020	18.06	PO	Replacement of Damaged Conductor.
Lamboti(solapur)-Karkamb	IntraState	08/01/2020	09.53	08/01/2020	15.02	PO	Quarterly Maintenance Work
Nagothane - Ipcl	IntraState	08/01/2020	09:16	08/01/2020	12:55	PO	Faulty DC Fail Relay Replacement by Agency.
Peth- Mudshingi -I	IntraState	08/01/2020	10.20	08/01/2020	12.35	PO	Quarterly Maintenance Work
MAHAPE - RELIANCE GIS	IntraState	08/01/2020	10:44		Continued.	HT	At Mahape End For New Configuration.
Washala - Ghatghar	IntraState	08/01/2020	11.06	08/01/2020	16.51	PO	Earth Wire Replacement Work, Replacement of Broken Disc Insulator LOC No.32.
Ghatghar - Jindal	IntraState	08/01/2020	11.31	08/01/2020	17.36	PO	Earth Wire Replacement Work, Replacement of Broken Disc Insulator LOC No.32.
Nagothane - Posco	IntraState	08/01/2020	16.57	08/01/2020	18.49	PO	DC Fail Relay Replacement By Agency.

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