

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.723	807.407	1) Gujrat	2.168	13.811
2) Hydro	3.623	51.281	2) Madhya Pradesh	5.453	41.165
3) Gas	6.791	40.450	3) Chattisgarh	5.460	37.450
Total MSPGCL	139.137	899.138	4) Maharashtra	127.145	799.285
B) 1) APML	64.852	415.298	5) Goa (Amona)	-1.333	-9.180
2) JSWEL	16.383	112.565	Total	138.893	882.531
3) VIPL	0.000	0.000	a) Mumbai Schedule	15.126	95.729
4) RPL(AMT)	3.963	22.715	b) Mumbai Drawl	18.171	133.559
5) WPCL	5.674	40.652	c) MSEDCL Bilateral *	32.595	185.561
6) Other IPP	15.561	100.923	Include PX	5.480	40.531
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	15.126	94.752
C) 1) TPCL Thermal	12.046	81.221	Include PX	8.883	56.202
2) TPCL Hydro	1.380	16.377	Standby	0.000	0.978
3) TPCL Gas	4.399	21.502	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.205	55.758	1) MSEDCL	394.864	2457.963
D) STATE			2) Mumbai Discoms	44.201	308.418
1) Thermal	255.407	1636.539	TOTAL STATE	439.065	2766.381
(A1+C1+C4+(B1-B6))					
2) Hydro	5.003	67.658			
(A2+C2)					
3) Gas	11.190	61.952			
(A3+B7+C3)					
4) Wind	21.253	75.487			
6) SOLAR	7.319	42.213			
TOTAL STATE	300.172	1883.849			

* 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 23 Hrs
MSPGCL Thermal	6057	5857	5746	4340
MSPGCL Hydro	209	124	95	105
MSPGCL Gas	267	266	279	293
MSPGCL Total Generation	6533	6247	6120	4738
Central Sector Receipt	6907	7057	5397	5236
WIND	810	782	657	833
CPP / IPP Thermal	4968	4856	4646	3910
CPP / IPP Gas	0	0	0	0
SOLAR	1044	1043	0	0
Exchange with Mumbai	-593	-882	-904	-984
MSEDCL DEMAND MET	19669	19102	15916	13733
Load Shedding	0	0	0	0
MSEDCL DEMAND	19669	19102	15916	13733
TPCL GENERATION	918	807	849	636
AEML GENERATION	495	307	282	282
MUMBAI DEMAND	2006	1996	2035	1902
STATE DEMAND MET	21675	21098	17951	15635
STATE DEMAND	21675	21098	17951	15635
Frequency (Hz)	50.02	50.01	50.04	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 06.18 Hrs	49.79 Hz at 20.38 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 06/Dec/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.14	17.26	145	125
Unit 7	1.55	10.70	134	0
Unit 8	10.77	77.08	521	367
Unit 9	0.00	32.54	0	0
Unit 10	0.00	0.00	0	0
Total	15.46	137.58		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.48	64.24	470	280
Unit 5	9.76	63.61	480	280
Total	19.23	127.84		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.84	29.96	250	170
Unit 7	4.79	30.36	248	176
Unit 8	5.20	32.27	250	199
Total	14.82	92.59		
Chandrapur				
Unit 3	3.50	22.64	176	119
Unit 4	3.39	21.86	150	131
Unit 5	8.80	54.83	440	275
Unit 6	8.55	53.80	410	273
Unit 7	0.00	0.00	0	0
Unit 8	10.14	66.45	490	279
Unit 9	10.46	36.71	500	287
Total	44.84	256.29		
Paras				
Unit 3	5.33	32.00	250	180
Unit 4	5.11	30.88	247	186
Total	10.44	62.88		
Khaparkheda				
Unit 1	3.64	22.48	170	140
Unit 2	3.84	23.20	180	140
Unit 3	0.00	0.00	0	0
Unit 4	4.07	25.45	192	140
Unit 5	9.20	43.78	405	323
Total	20.75	114.93		
Nasik				
Unit 3	0.00	7.70	0	0
Unit 4	3.18	7.58	140	128
Unit 5	0.00	0.00	0	0
Total	3.18	15.28		
Uran				
All Units	6.79	40.45	303	265
Total	6.79	40.45		
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)	0.06	0.48	33	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	0.48		
Koyna				
Stage 1-2	1.72	19.52	200	40
Stage 4	0.00	13.91	0	0
Stage 3	0.46	6.99	160	0
Total	2.18	40.41		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	0.90	40	0
RNGR+BHTSA	0.35	2.11	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.34	1.92	15	14
GHATGHAR	0.60	5.93	245	0
Total	1.44	10.87		
Wind				
Total	21.25	75.49	0	0
Total	21.25	75.49		
CPP				
APML(Mus)	64.85	415.30	0	0
JSWEL(Mus)	16.38	112.56	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	3.96	22.72	0	0
WPCL(Mus)	5.67	40.65	0	0
Other(Mus)	15.56	100.92	0	0
Total	106.43	692.15		
SOLAR				
Total	7.32	42.21	0	0
Total	7.32	42.21		
Tata				
Trombay 5	7.90	53.47	462	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	13.10	117	115
Trombay 7B	1.60	8.40	68	66
Trombay 8	4.15	27.75	230	137
TATA Hydro	1.38	16.38	210	0
Total	17.82	119.10		
AEML				
DTPS U-1&2	8.20	55.76	500	281
Total	8.20	55.76		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.72	807.41	MSPGCL Total	139.14	899.14
			MSPGCL Thml+Gas	135.51	847.86	Koyna 1,2 & 4 Total	1.72	33.43
			MSPGCL Hydro	3.62	51.28	State Total	300.17	1883.85

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/Dec/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	4525	173	293	4991	1186	4174	0	0	5279	5115	-943	14523	0	14523	1830	16353	49.96
2	4484	83	292	4859	1344	4163	0	0	5114	4719	-841	14244	0	14244	1729	15973	49.98
3	4412	78	294	4784	1324	4046	0	0	5061	4806	-759	14201	0	14201	1644	15845	50.01
4	4451	78	293	4822	1232	4052	0	0	4911	5012	-698	14420	0	14420	1581	16001	49.99
5	4821	78	294	5193	1206	4138	0	0	4974	4967	-681	14823	0	14823	1563	16386	49.97
6	5336	78	303	5717	1083	4158	0	0	5472	5171	-562	15567	0	15567	1622	17189	50.01
7	5879	78	295	6252	995	4316	0	4	6167	5796	-292	17071	0	17071	1647	18718	50.07
8	5987	73	294	6354	1048	4591	0	137	6182	6172	-301	18001	0	18001	1673	19674	50.04
9	6058	79	293	6430	902	4852	0	455	6190	6165	-344	18460	0	18460	1752	20212	50.00
10	6033	109	290	6432	910	5066	0	829	6431	6301	-426	19112	0	19112	1862	20974	50.01
11	6065	234	268	6567	896	5111	0	933	6794	6448	-546	19409	0	19409	1961	21370	50.00
12	6057	209	267	6533	810	4968	0	1044	7104	6907	-593	19669	0	19669	2006	21675	50.02
13	5857	124	266	6247	782	4856	0	1043	7040	7057	-882	19102	0	19102	1996	21098	50.01
14	5740	84	266	6090	845	4708	0	993	7233	6907	-948	18595	0	18595	1936	20531	50.02
15	5700	105	266	6071	696	4335	0	874	7315	7482	-978	18480	0	18480	1904	20384	50.01
16	5736	360	265	6361	477	4377	0	654	7213	7191	-962	18098	0	18098	1885	19983	50.00
17	5715	635	276	6626	398	4732	0	305	6269	6158	-851	17368	0	17368	1874	19242	50.03
18	5853	300	269	6422	503	4977	0	48	5697	5356	-774	16532	0	16532	1908	18440	50.05
19	5746	95	279	6120	657	4646	0	0	5586	5397	-904	15916	0	15916	2035	17951	50.04
20	5748	160	280	6188	728	4152	0	0	5247	5296	-956	15408	0	15408	2051	17459	49.96
21	5276	75	291	5642	746	4119	0	0	5207	4810	-989	14328	0	14328	2027	16355	49.92
22	4618	75	272	4965	815	4064	0	0	5310	5153	-1015	13982	0	13982	1972	15954	50.00
23	4340	105	293	4738	833	3910	0	0	5266	5236	-984	13733	0	13733	1902	15635	49.96
24	4286	155	292	4733	837	3922	0	0	5158	5271	-942	13821	0	13821	1841	15662	49.97
MUs	128.7 2	3.62	6.79	139.14	21.25	106.43	0.00	7.32	142.22	138.89	-18.17	394.86	0.00	394.86	44.20	439.07	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 06/Dec/2020

Position as on 6.30 Hrs of 07/Dec/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 10	660	09/11/2020	01.28		Continued.	Air heater problem(Converted in to Annual Overhaul.From	
MSPGCL	Khaparkheda Unit 3	210	19/11/2020	23.55		Continued.	ANNUAL OVERHAUL	
MSPGCL	Koyna STG-IV Unit-2	250	23/11/2020	08.00		Continued.	Capital 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	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
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)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
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	Chandrapur Unit 7	500	29/09/2020	01.58		Continued.	Tripped On Generator Protection.	
IPP	JSW (J) U2	300	01/11/2020	04.44		Continued.	No Schedule	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	Economizer Tube Leakage. (Zero Schedule from 18:45hrs of 05.12.2020)	
IPP	SWPGL U-2	135	03/12/2020	23.40	06/12/2020	19.24	Withdrawn	
MSPGCL	Koradi Unit 9	660	04/12/2020	02.07		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 7	210	06/12/2020	12.54		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 6	250	06/12/2020	23.45	07/12/2020	03.44	Flame Failure	

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

Statement-VII

Position as on 6.30 Hrs of 07/Dec/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
Padgha Tarapur I	InterState	05/12/2020	08.19	06/12/2020	20.53	PO	Urgent terminal equipment maintenance at TAPS.
Dhule Sar'Sarovar II	InterState	05/12/2020	17.17	06/12/2020	08.55	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	06/12/2020	18.05		Continued.	HT	Over Voltage
Chandrapur Bhadravati II	InterState	07/12/2020	06.36		Continued.	EO	DC and Air leakage
Karad - Jaigad - II	IntraState	16/09/2020	23.34		Continued.	HT	Over Voltage (Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Jaigad-Karad Ckt-I	IntraState	27/09/2020	18.59		Continued.	T	Distance Protection(Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Khadka-Aurangabad (Waluj)	IntraState	05/12/2020	18.57	06/12/2020	08.47	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	05/12/2020	19.44	06/12/2020	08.48	HT	Over Voltage
Padghe - Kalwa - I	IntraState	06/12/2020	06.32	06/12/2020	11.29	PO	CVT Testing
Khadka-Aurangabad (Waluj)	IntraState	06/12/2020	18.56		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.
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/09/2020	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
Trombay - Mulund	IntraState	29/11/2020	06.57		Continued.	PO	Stringing of HTLS conductor
OSMANABAD BARSHI	IntraState	02/12/2020	22.43	06/12/2020	00.12	HT	Breaker lockout At Barshi end.
Trombay-Chembur Line 2	IntraState	05/12/2020	09.04	06/12/2020	13.28	PO	For reinstallation of bus-1 side disconnector switch of bay-6 i.e 689A after bay-6 bus side CT replacement work.
Kalwa Salsette III	IntraState	06/12/2020	13.44	06/12/2020	16.35	PO	Removal of Bird Nest and tree trimming
Trombay - Kalwa	IntraState	06/12/2020	22.06	06/12/2020	23.17	EO	Container passing
220 KV ICT Outages/Trippings							
220/33kv 125 MVA Transformer 3 @Chembur R/S	IntraState	05/12/2020	08.32	06/12/2020	13.47	PO	For reinstallation of bus-1 side disconnector switch of bay-6 i.e 689A after bay-6 bus side CT replacement work.
220/132kv 100mva Ict 1 @Peth	IntraState	05/12/2020	09.04		Continued.	PO	OLTC overhauling work.

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