

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Jan/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.024	844.127	1) Gujrat	1.621	11.991
2) Hydro	5.752	38.628	2) Madhya Pradesh	6.780	39.476
3) Gas	7.380	40.751	3) Chattisgarh	4.060	24.970
Total MSPGCL	157.156	923.506	4) Maharashtra Net	83.917	525.264
B) 1) APML	66.830	414.296	5) Goa (Amona)	-0.198	-1.232
2) JSWEL	23.216	135.775	Total	96.180	600.469
3) VIPL	5.516	32.669	a) Mumbai Schedule	12.320	98.010
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	17.389	123.638
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	13.696	70.774
6) PGPL	0.000	0.000	Include PX	-3.885	-35.181
7) Other IPP	15.483	95.921	d) Mumbai Bilateral *	12.320	98.010
C) 1) TPCL Thermal	12.440	77.824	Include PX	0.477	0.769
2) TPCL Hydro	0.612	16.396	Include Standby	0.000	0.000
3) TPCL Gas	4.232	25.809	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	5.197	29.171	1) MSEDCL	357.551	2147.175
D) STATE			2) Mumbai Discoms	39.870	272.838
1) Thermal	272.706	1629.783	TOTAL STATE	397.421	2420.013
(A1+C1+C4+(B1-B6))					
2) Hydro	6.364	55.024			
(A2+C2)					
3) Gas	11.612	66.560			
(A3+B6+C3)					
4) Wind	5.126	34.002			
6) SOLAR	5.433	34.175			
TOTAL STATE	301.241	1819.544			

* 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	6652	6610	5664	5611
MSPGCL Hydro	620	408	380	100
MSPGCL Gas	293	291	306	321
MSPGCL Total Generation	7564	7308	6350	6032
Central Sector Receipt	4949	4502	4227	2894
WIND	190	163	198	251
CPP / IPP Thermal	5392	5346	4629	3893
CPP / IPP Gas	0	0	0	0
SOLAR	816	795	0	0
Exchange with Mumbai	-821	-840	-862	-475
MSEDCL DEMAND MET	18090	17274	14542	12594
Load Shedding	0	0	0	0
MSEDCL DEMAND	18090	17274	14542	12594
TPCL GENERATION	868	809	790	649
R-INFRA GENERATION	254	254	253	190
MUMBAI DEMAND	1943	1903	1905	1314
STATE DEMAND MET	20033	19177	16447	13908
STATE DEMAND	20033	19177	16447	13908
Frequency (Hz)	49.95	50.04	50.01	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 06.01 Hrs	49.8 Hz at 11.11 Hrs	50.01	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/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.06	0.06	36	0
Unit 7	3.68	22.16	170	140
Unit 8	0.00	0.00	0	0
Unit 9	11.39	65.99	600	400
Unit 10	11.04	59.80	500	365
Total	26.18	148.01		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.44	59.22	505	350
Unit 5	9.46	59.10	500	350
Total	18.90	118.32		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	4.72	29.16	208	189
Total	4.72	29.16		
Chandrapur				
Unit 3	4.27	25.36	192	162
Unit 4	4.06	21.60	185	148
Unit 5	9.15	55.50	405	365
Unit 6	9.69	56.26	455	358
Unit 7	9.43	55.55	425	363
Unit 8	9.92	61.40	476	365
Unit 9	10.06	62.76	480	365
Total	56.58	338.42		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.34	31.52	260	197
Total	5.34	31.52		
Khaparkheda				
Unit 1	3.54	21.21	155	140
Unit 2	3.52	20.42	155	140
Unit 3	3.62	21.50	158	142
Unit 4	3.55	20.79	155	142
Unit 5	9.80	58.76	465	374
Total	24.04	142.69		
Nasik				
Unit 3	4.09	10.94	194	160
Unit 4	4.19	25.08	198	164
Unit 5	0.00	0.00	0	0
Total	8.28	36.01		
Uran				
All Units	7.38	40.75	323	286
Total	7.38	40.75		
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)	0.05	0.41	17	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	0.41		
Koyna				
Stage 1-2	1.48	11.58	255	35
Stage 4	0.00	1.42	0	0
Stage 3	0.50	3.23	80	0
Total	1.98	16.24		
Hydro				
KDPH	0.44	1.07	19	19
VTRNA	0.43	3.03	60	0
TILLARI	0.48	2.56	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	0.99	80	0
RNGR+BHTSA	0.34	1.94	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.22	1.36	10	9
SMLHY_PTN	0.32	2.47	14	13
GHATGHAR	1.34	8.97	250	0
Total	3.78	22.39		
Wind				
Total	5.13	34.00	0	0
Total	5.13	34.00		
CPP				
APML(Mus)	66.83	414.30	0	0
JSWEL(Mus)	23.22	135.78	0	0
VIPL(Mus)	5.52	32.67	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	15.48	95.92	0	0
Total	111.04	678.66		
SOLAR				
Total	5.43	34.18	0	0
Total	5.43	34.18		
Tata				
Trombay 5	7.44	46.45	420	273
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.66	16.27	117	76
Trombay 7B	1.57	9.54	68	55
Trombay 8	5.00	31.37	226	202
TATA Hydro	0.61	16.40	117	0
Total	17.28	120.03		
R-INFRA				
DTPS U-1&2	5.20	29.17	254	189
Total	5.20	29.17		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.02	844.13	MSPGCL Total	157.16	923.51
			MSPGCL Thml+Gas	151.40	884.88	Koyna 1,2 & 4 Total	1.48	13.00
			MSPGCL Hydro	5.75	38.63	State Total	301.24	1819.54

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/Jan/2019

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	5627	100	318	6044	310	3906	0	0	3237	3104	-615	12749	0	12749	1498	14247	50.05
2	5630	94	318	6042	289	3910	0	0	3058	3184	-515	12910	0	12910	1384	14294	50.00
3	5611	100	321	6032	251	3893	0	0	2945	2894	-475	12594	0	12594	1314	13908	50.00
4	5628	94	319	6042	222	3913	0	0	3139	3169	-467	12878	0	12878	1283	14161	50.00
5	5613	104	322	6040	250	3897	0	0	3397	3496	-471	13211	0	13211	1279	14490	50.01
6	5717	100	321	6138	274	3990	0	0	4224	4365	-533	14233	0	14233	1353	15586	49.96
7	6080	94	323	6498	242	4321	0	5	4682	4647	-599	15113	0	15113	1425	16538	50.05
8	6422	408	321	7152	189	4891	0	48	4523	4636	-648	16268	0	16268	1488	17756	50.00
9	6728	370	322	7420	123	5305	0	282	4674	4719	-716	17132	0	17132	1646	18778	49.95
10	6756	406	315	7478	143	5347	0	531	4730	4990	-817	17671	0	17671	1788	19459	50.03
11	6686	582	309	7576	177	5410	0	713	4997	4972	-782	18066	0	18066	1897	19963	49.99
12	6652	620	293	7564	190	5392	0	816	4996	4949	-821	18090	0	18090	1943	20033	49.95
13	6610	408	291	7308	163	5346	0	795	4766	4502	-840	17274	0	17274	1903	19177	50.04
14	6259	346	286	6890	156	5042	0	771	4787	4756	-856	16759	0	16759	1811	18570	50.02
15	6150	286	289	6726	185	4936	0	654	4698	4528	-801	16227	0	16227	1746	17973	50.07
16	6016	236	289	6540	178	5079	0	503	4552	4361	-747	15914	0	15914	1692	17606	50.02
17	6001	136	291	6428	225	5162	0	276	4338	3761	-738	15113	0	15113	1684	16797	49.97
18	5831	108	292	6230	124	4926	0	39	4068	4050	-786	14583	0	14583	1743	16326	50.00
19	5664	380	306	6350	198	4629	0	0	4030	4227	-862	14542	0	14542	1905	16447	50.01
20	5640	278	298	6216	288	4584	0	0	4043	4024	-889	14223	0	14223	1961	16184	50.02
21	5677	218	311	6206	267	4603	0	0	3450	3509	-928	13657	0	13657	1930	15587	50.02
22	5692	96	301	6090	203	4530	0	0	3372	3423	-927	13318	0	13318	1864	15182	50.04
23	5666	92	312	6070	240	4113	0	0	3170	3069	-847	12644	0	12644	1741	14385	50.04
24	5668	96	312	6076	239	3922	0	0	3251	2845	-709	12373	0	12373	1592	13965	50.03
MUs	144.02	5.75	7.38	157.16	5.13	111.05	0.00	5.43	97.13	96.18	-17.39	357.55	0.00	357.55	39.87	397.42	50.01

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/2019

Position as on 6.30 Hrs of 07/Jan/2019

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	Nasik Unit 5	210	22/11/2018	03.50		Continued.	Boiler Tube Leakage work completed on 24/11/2018. Available against case 4 from 25/11/2018. Converted to COH from 00:00 Hrs of 05/12/2018 (for 40 Days)	
RINFRA-G	REL Unit 1	250	23/12/2018	06.06		Continued.	For COH.	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
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	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn due to B0 & U-7	
MSPGCL	Paras Unit 3	250	15/09/2018	00.55		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Zero Schedule.	
MSPGCL	Koyana Unit 4	70	03/11/2018	09.02		Continued.	Stator Earth Fault	
MSPGCL	Koyana Unit 1	70	26/11/2018	00.00		Continued.	Oil Cooler Leakage.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 7	250	12/12/2018	00.00		Continued.	ZERO SCHEDULE.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	ZERO SCHEDULE.	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-1	270	14/12/2018	16.00		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-3	270	14/12/2018	16.30		Continued.	Zero Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
MSPGCL	Koradi Unit 6	210	22/12/2018	01.18	06/01/2019	15.35	Bearing Temperature high	
IPP	RPL(AMT) U-2	270	27/12/2018	19.30		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	28/12/2018	19.30		Continued.	Zero Schedule.	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
MSPGCL	Koradi Unit-8	660	29/12/2018	23.01		Continued.	FOR BOILER VALIDITY EXTENSION PCR.	
MSPGCL	Koradi Unit 6	210	06/01/2019	17.45	07/01/2019	00.19	Generator electrical protection operated.	
MSPGCL	Koradi Unit 6	210	07/01/2019	00.33	07/01/2019	05.21	Drum pressure high.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 07/Jan/2019

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	24/12/2018	18.09		Continued.	HT	Over Voltage
Chakan Talegaon(Pg)	InterState	06/01/2019	09.33	06/01/2019	18.51	PO	Routine Maintenance Work
Padghe - Nagothane - II	IntraState	03/01/2019	11.30		Continued.	PO	New Line Tower Erection work
Padghe - Nagothane - I	IntraState	03/01/2019	11.30		Continued.	PO	New Line Tower Erection work
Jaigad-Karad Ckt-I	IntraState	04/01/2019	23.59		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	05/01/2019	17.38		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	06/01/2019	01.07	06/01/2019	09.19	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	06/01/2019	23.05		Continued.	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	07/01/2019	03.34		Continued.	T	Over Voltage
Padghe - Kalwa- I	IntraState	07/01/2019	03.39		Continued.	T	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 315MVA ICT-I@Parly	IntraState	24/12/2018	15.40		Continued.	PO	Replacement Of B-PH Unit By Repaired One.
400/220KV 315MVA ICT3@Bhusawal II (khadaka)	IntraState	05/01/2019	21.29	06/01/2019	19.52	EO	To Check Trip Ckt Faulty.
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	06/01/2019	09.40	06/01/2019	20.47	T	Routine Maintenance Work
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Butibori 3-Butibori 1	InterState	06/01/2019	16.45	06/01/2019	17.40	T	Bus I busbar operated.
Mahalakshmi Amona	InterState	06/01/2019	20.55	06/01/2019	21.10	T	B PH E/F OV 1.89, AR lockout, generation 4.3 MW affected, dist. 7.5 KM.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	For Bunching Of Conductor at Loc No.86 Disconnecting Of jumper at Loc No.86 to 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To control line loading.
Kalwa-TIFIL	IntraState	27/11/2018	06.06		Continued.	EO	Tapping Of Tifil Substation On 220KV Kharghar-Borivali Line
Kalwa - Airoli Knowledge Park	IntraState	05/01/2019	19.39	06/01/2019	05.33	T	Wave Trap Dropped At Both End Of Kalwa AKP Line.
Boisar(M) - Ghodbunder II	IntraState	06/01/2019	06.08	06/01/2019	07.30	T	CB tripped at borivali end only.
Ghodbunder - Gorai	IntraState	06/01/2019	06.08	06/01/2019	06.24	T	Distance Protection
REL Borivali Aarey Line	IntraState	06/01/2019	06.08	06/01/2019	07.29	T	Distance Protection
Boisar Versova Line	IntraState	06/01/2019	10.06	06/01/2019	19.13	PO	Routine Maintenance Work
Butibori-Abhijeet	IntraState	06/01/2019	16.45	06/01/2019	17.08	T	Bus I busbar operated.
Main Bus I @ Dahanu	IntraState	06/01/2019	19.50	06/01/2019	20.42	EO	Isolator blade replacement of station T/F.
Ghatghar - Bapgaon	IntraState	06/01/2019	20.10	06/01/2019	20.30	T	R PH E/F
220 KV ICT Outages/Trippings							
220/132 KV 100 MVA ICT II @ Butibori	IntraState	06/01/2019	16.45	06/01/2019	17.12	T	Bus I busbar operated.

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