

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Jan/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.520	553.342	1) Gujrat	1.859	9.324
2) Hydro	6.564	26.805	2) Madhya Pradesh	5.745	26.484
3) Gas	7.224	29.055	3) Chattisgarh	4.160	17.000
Total MSPGCL	155.308	609.202	4) Maharashtra Net	92.339	350.668
B) 1) APML	70.541	278.565	5) Goa (Amona)	-0.176	-0.924
2) JSWEL	23.088	88.648	Total	103.927	402.552
3) VIPL	5.181	21.690	a) Mumbai Schedule	17.074	70.238
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.578	85.576
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	13.484	43.048
6) PGPL	0.000	0.000	Include PX	-5.550	-27.084
7) Other IPP	16.053	64.352	d) Mumbai Bilateral *	17.074	70.238
C) 1) TPCL Thermal	12.530	51.887	Include PX	-0.720	0.850
2) TPCL Hydro	4.388	13.104	Include Standby	0.000	0.000
3) TPCL Gas	4.427	17.169	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	4.563	19.049	1) MSEDCL	363.038	1424.737
D) STATE			2) Mumbai Discoms	48.486	186.785
1) Thermal	273.476	1077.533	TOTAL STATE	411.524	1611.522
(A1+C1+C4+(B1-B6))					
2) Hydro	10.952	39.909			
(A2+C2)					
3) Gas	11.651	46.224			
(A3+B6+C3)					
4) Wind	5.465	22.267			
6) SOLAR	6.053	23.037			
TOTAL STATE	307.597	1208.970			

* 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	6574	6606	5959	5401
MSPGCL Hydro	507	412	232	84
MSPGCL Gas	284	272	292	318
MSPGCL Total Generation	7365	7290	6482	5803
Central Sector Receipt	5259	5047	4181	3303
WIND	341	309	201	246
CPP / IPP Thermal	5294	5233	5190	3906
CPP / IPP Gas	0	0	0	0
SOLAR	854	922	12	0
Exchange with Mumbai	-1273	-1372	-1272	-392
MSEDCL DEMAND MET	17840	17429	14794	12866
Load Shedding	0	0	0	0
MSEDCL DEMAND	17840	17429	14794	12866
TPCL GENERATION	1096	972	1004	691
R-INFRA GENERATION	190	191	190	189
MUMBAI DEMAND	2559	2535	2466	1272
STATE DEMAND MET	20399	19964	17260	14138
STATE DEMAND	20399	19964	17260	14138
Frequency (Hz)	49.89	49.99	49.99	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 00.02 Hrs	49.58 Hz at 07.32 Hrs	49.96	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 04/Jan/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	3.74	14.83	165	140
Unit 8	0.00	0.00	0	0
Unit 9	13.50	42.15	652	461
Unit 10	10.71	37.06	500	294
Total	27.95	94.04		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.84	39.73	500	350
Unit 5	9.84	39.52	500	350
Total	19.67	79.25		
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	4.92	19.72	246	193
Total	4.92	19.72		
Chandrapur				
Unit 3	3.86	17.01	188	131
Unit 4	2.68	15.48	167	0
Unit 5	9.22	37.02	400	360
Unit 6	7.06	36.95	450	0
Unit 7	8.98	36.68	423	163
Unit 8	10.26	41.26	470	360
Unit 9	10.59	42.26	480	360
Total	52.65	226.66		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.41	20.50	257	200
Total	5.41	20.50		
Khaparkheda				
Unit 1	3.55	13.90	165	125
Unit 2	3.30	13.26	155	120
Unit 3	3.64	14.09	168	132
Unit 4	3.60	13.52	160	140
Unit 5	9.90	38.86	480	375
Total	24.00	93.63		
Nasik				
Unit 3	2.80	2.80	175	0
Unit 4	4.12	16.74	197	162
Unit 5	0.00	0.00	0	0
Total	6.92	19.54		
Uran				
All Units	7.22	29.06	318	272
Total	7.22	29.06		
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)	0.04	0.33	17	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	0.33		
Koyna				
Stage 1-2	1.98	8.60	205	40
Stage 4	0.07	1.42	73	0
Stage 3	0.42	2.16	148	0
Total	2.48	12.18		
Hydro				
KDPH	0.18	0.18	19	0
VTRNA	0.49	2.08	60	0
TILLARI	0.54	1.54	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	0.59	50	0
RNGR+BHTSA	0.34	1.30	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.23	0.92	10	8
SMLHY_PTN	0.38	1.78	24	13
GHATGHAR	1.71	6.25	237	0
Total	4.09	14.63		
Wind				
Total	5.46	22.27	0	0
Total	5.46	22.27		
CPP				
APML(Mus)	70.54	278.56	0	0
JSWEL(Mus)	23.09	88.65	0	0
VIPL(Mus)	5.18	21.69	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	16.05	64.35	0	0
Total	114.86	453.26		
SOLAR				
Total	6.05	23.04	0	0
Total	6.05	23.04		
Tata				
Trombay 5	7.29	30.84	306	302
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	10.82	118	116
Trombay 7B	1.62	6.35	69	66
Trombay 8	5.24	21.05	227	202
TATA Hydro	4.39	13.10	430	0
Total	21.34	82.16		
R-INFRA				
DTPS U-1&2	4.56	19.05	192	189
Total	4.56	19.05		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	141.52	553.34	MSPGCL Total	155.31	609.20
			MSPGCL Thml+Gas	148.74	582.40	Koyna 1,2 & 4 Total	2.06	10.02
			MSPGCL Hydro	6.56	26.80	State Total	307.60	1208.97

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/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	5434	84	304	5822	115	3999	0	0	3554	3603	-616	12923	0	12923	1498	14421	50.02
2	5413	94	315	5822	147	3907	0	0	3599	3485	-501	12860	0	12860	1381	14241	50.01
3	5407	84	316	5807	239	3899	0	0	3549	3393	-434	12904	0	12904	1313	14217	50.00
4	5401	84	318	5803	246	3906	0	0	3456	3303	-392	12866	0	12866	1272	14138	50.05
5	5326	83	318	5727	195	3906	0	0	4003	3844	-416	13256	0	13256	1297	14553	50.01
6	5584	86	318	5988	208	4101	0	0	4463	4876	-554	14619	0	14619	1434	16053	49.98
7	6133	318	318	6769	271	4781	0	7	5133	4784	-759	15853	0	15853	1641	17494	50.01
8	6391	285	318	6994	346	5305	0	72	5240	5082	-864	16935	0	16935	1825	18760	49.82
9	6476	276	317	7069	355	5313	0	298	5122	4899	-914	17020	0	17020	2097	19117	49.87
10	6578	563	311	7452	355	5289	0	612	5225	4959	-1054	17613	0	17613	2339	19952	49.84
11	6576	468	293	7337	404	5187	0	761	5534	5246	-1180	17755	0	17755	2513	20268	49.89
12	6574	507	284	7365	341	5294	0	854	5351	5259	-1273	17840	0	17840	2559	20399	49.89
13	6606	412	272	7290	309	5233	0	922	5086	5047	-1372	17429	0	17429	2535	19964	49.99
14	6257	431	281	6969	200	5065	0	843	4752	4902	-1236	16743	0	16743	2397	19140	50.01
15	6260	484	279	7022	175	5074	0	745	4869	4733	-1245	16504	0	16504	2417	18921	49.98
16	6282	282	284	6848	167	5024	0	582	4739	4779	-1236	16163	0	16163	2431	18594	49.94
17	5997	336	274	6608	143	5058	0	275	4565	4530	-1198	15416	0	15416	2418	17834	49.96
18	5600	454	298	6352	160	5132	0	70	4231	4395	-1087	15022	0	15022	2414	17436	49.93
19	5959	232	292	6482	201	5190	0	12	4325	4181	-1272	14794	0	14794	2466	17260	49.99
20	5890	184	294	6368	254	5209	0	0	4324	4042	-1174	14699	0	14699	2394	17093	49.98
21	5414	290	304	6008	178	4950	0	0	3936	3950	-1093	13992	0	13992	2228	16220	49.94
22	5383	284	297	5964	159	4905	0	0	3500	3630	-1007	13651	0	13651	2056	15707	49.94
23	5353	144	309	5806	147	4889	0	0	3326	3313	-925	13229	0	13229	1875	15104	49.96
24	5226	100	310	5636	150	4248	0	0	3489	3692	-776	12949	0	12949	1686	14635	50.00
MUs	141.52	6.56	7.22	155.31	5.46	114.86	0.00	6.05	105.37	103.93	-22.58	363.04	0.00	363.04	48.49	411.52	49.96

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 04/Jan/2019

Position as on 6.30 Hrs of 05/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 6	250	12/12/2018	00.00		Continued.	ZERO SCHEDULE.	
MSPGCL	Parli Unit 7	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		Continued.	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.	
MSPGCL	Nasik Unit 3	210	28/12/2018	22.05	04/01/2019	05.05	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	Chandrapur Unit 4	210	04/01/2019	16.40		Continued.	Bus bar operated.	
MSPGCL	Chandrapur Unit 6	500	04/01/2019	16.40	04/01/2019	23.11	Bus bar operated.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 04/Jan/2019

Position as on 6.30 Hrs of 05/Jan/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 5	108	05/01/2019	00.06		Continued.	Filter replacement work.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 05/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
Waluj Aurangabad(PG)- I	InterState	03/01/2019	09.45		Continued.	PO	AMP of Bay and Line Reactor at PG end
Dabhol New koyna I	InterState	04/01/2019	12.32		Continued.	PO	Diagnostic testing work.
Chandrapur Bhadravati IV	InterState	04/01/2019	16.40	04/01/2019	20.02	T	Bus bar prot. of bus 2 operated.
Chandrapur Bhadravati I	InterState	04/01/2019	16.40	04/01/2019	19.58	T	Bus bar prot. of bus 2 operated.
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
Bhusawal-Aurangabad	IntraState	03/01/2019	18.27		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	03/01/2019	18.45	04/01/2019	09.23	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	03/01/2019	23.52	04/01/2019	07.38	HT	Over Voltage
karad -kolhapur-II	IntraState	04/01/2019	10.26		Continued.	PO	Annual Maintenance Work
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	04/01/2019	11.42	04/01/2019	18.17	PO	Annual Maintenance Work
Bus Coupler @ Chandrapur	IntraState	04/01/2019	16.40	04/01/2019	18.34	T	Bus bar prot. of bus 2 operated.
Chandrapur II - Chandrapur ckt 2	IntraState	04/01/2019	16.40	04/01/2019	18.45	T	Bus bar prot. of bus 2 operated.
Khadka-Aurangabad (Waluj)	IntraState	04/01/2019	18.00		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	04/01/2019	23.58		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	04/01/2019	23.59		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	05/01/2019	06.02		Continued.	EO	Hot spot on Y PH CT.
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 Re paired One.
400/220/33kv, 500 Mva Ict-2 @Khaparkheda	IntraState	04/01/2019	09.32	04/01/2019	19.04	PO	High insulation coating.
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	04/01/2019	14.40	04/01/2019	19.10	PO	Oil filling work.
400/220kv 315MVA ICT 2 @ Chandrapur	IntraState	04/01/2019	16.40	04/01/2019	19.13	T	Bus bar prot. of bus 2 operated.
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.
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
Padgha - Temghar I	IntraState	03/12/2018	08.15	05/01/2019	05.43	EO	To control load on Padgha ICTs.
Padgha-Temghar-II	IntraState	03/12/2018	08.15	05/01/2019	05.45	EO	To control load on Padgha ICTs.
Trombay - Kalwa	IntraState	24/12/2018	14.50	04/01/2019	15.19	PO	For Replacement Of Rusted Tower.
Taloja II - OCIL-I	IntraState	31/12/2018	10.50		Continued.	PO	REPLACEMENT OF METERING CT & PT & AT OCIL END.
Pophali - Nerale	IntraState	04/01/2019	09.00	04/01/2019	17.20	PO	Insulator washing.

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 05/Jan/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Sawantwadi-Bidri	IntraState	04/01/2019	09.18	04/01/2019	15.09	PO	Tan Delta testing.
Jambhul - Pal	IntraState	04/01/2019	09.56	04/01/2019	16.24	PO	R PH LA replacement.
Chakan-Bhosari	IntraState	04/01/2019	10.06	04/01/2019	18.39	PO	Work of SSN- DSN at loc .no. 52-53.
Padegaon-Sawangi	IntraState	04/01/2019	10.30	04/01/2019	18.08	PO	Replacement of line insulators.
Vasai Kamba	IntraState	04/01/2019	10.36	04/01/2019	18.45	PO	Replacement of faulty insulator.
Kharepatan -Pawas Line	IntraState	04/01/2019	10.45	04/01/2019	17.50	PO	Relay configuration and testing.
Jejuri (400 Kv)-Jejuri- li	IntraState	04/01/2019	11.07	04/01/2019	18.24	PO	CT testing and line maintenance.
Trombay - Mulund	IntraState	04/01/2019	15.37	04/01/2019	16.41	PO	RE-Operation due to sparking on D isolation.
Eklahara(Gcr)(Nasik)- Bableshwar 2	IntraState	04/01/2019	21.45	04/01/2019	22.20	T	Low air pressure, A/R lockout, tripped at Nasik end
220 KV ICT Outages/Trippings							
220/132 Kv 200 MVA ICT II @Babhleshwar	IntraState	04/01/2019	09.40	04/01/2019	17.10	PO	OLTC overhauling.
220/110 Kv 200 Mva Vel Ptr 1 @Kolhapur-li (Mudshingi)	IntraState	04/01/2019	10.10	04/01/2019	13.15	PO	Quarterly Maintenance Work
220/132 Kv 80 Mva Cgl Ict 1 @Hinganghat	IntraState	04/01/2019	11.01	04/01/2019	16.40	PO	SFRA test of ICT.

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