

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Jan/2019 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	137.220	411.822	1) Gujrat	3.212	7.465
2) Hydro	8.168	20.241	2) Madhya Pradesh	7.733	20.739
3) Gas	7.263	21.831	3) Chattisgarh	4.670	12.840
Total MSPGCL	152.651	453.894	4) Maharashtra Net	95.358	258.329
B) 1) APML	70.021	208.024	5) Goa (Amona)	-0.198	-0.748
2) JSWEL	23.444	65.560	Total	110.775	298.625
3) VIPL	5.714	16.509	a) Mumbai Schedule	19.220	53.164
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.004	62.998
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	13.329	29.563
6) PGPL	0.000	0.000	Include PX	-3.707	-21.534
7) Other IPP	15.662	48.299	d) Mumbai Bilateral *	19.220	53.164
C) 1) TPCL Thermal	13.480	39.357	Include PX	1.283	1.570
2) TPCL Hydro	3.378	8.716	Include Standby	0.000	0.000
3) TPCL Gas	4.182	12.742	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	4.922	14.486	1) MSEDCL	365.848	1061.699
D) STATE			2) Mumbai Discoms	47.966	138.299
1) Thermal	270.463	804.057	TOTAL STATE	413.814	1199.998
(A1+C1+C4+(B1-B6))					
2) Hydro	11.546	28.957			
(A2+C2)					
3) Gas	11.445	34.573			
(A3+B6+C3)					
4) Wind	3.867	16.802			
6) SOLAR	5.718	16.984			
TOTAL STATE	303.039	901.373			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6135	6029	5728	5174
MSPGCL Hydro	916	487	203	78
MSPGCL Gas	297	285	303	317
MSPGCL Total Generation	7348	6801	6234	5569
Central Sector Receipt	5686	5232	4901	3547
WIND	205	249	248	83
CPP / IPP Thermal	5401	5289	5212	3863
CPP / IPP Gas	0	0	0	0
SOLAR	750	848	0	0
Exchange with Mumbai	-1082	-1068	-1238	-488
MSEDCL DEMAND MET	18308	17351	15357	12574
Load Shedding	0	0	0	0
MSEDCL DEMAND	18308	17351	15357	12574
TPCL GENERATION	1157	1152	994	631
R-INFRA GENERATION	253	242	190	189
MUMBAI DEMAND	2492	2462	2422	1308
STATE DEMAND MET	20800	19813	17779	13882
STATE DEMAND	20800	19813	17779	13882
Frequency (Hz)	49.96	49.97	49.90	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 22.00 Hrs	49.66 Hz at 21.06 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 03/Jan/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	3.58	11.09	160	125
Unit 8	0.00	0.00	0	0
Unit 9	8.42	28.65	565	0
Unit 10	9.19	26.36	461	330
Total	21.19	66.09		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.41	29.90	505	350
Unit 5	10.38	29.68	500	345
Total	20.78	59.58		
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	5.01	14.80	241	195
Total	5.01	14.80		
Chandrapur				
Unit 3	4.38	13.15	191	162
Unit 4	4.25	12.79	185	162
Unit 5	9.30	27.80	410	359
Unit 6	10.05	29.89	455	361
Unit 7	9.28	27.71	450	300
Unit 8	10.14	31.00	475	370
Unit 9	10.59	31.67	485	370
Total	57.98	174.02		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.56	15.09	259	202
Total	5.56	15.09		
Khaparkheda				
Unit 1	3.11	10.34	140	125
Unit 2	3.02	9.95	140	120
Unit 3	3.24	10.45	150	122
Unit 4	3.15	9.92	149	114
Unit 5	9.90	28.96	450	378
Total	22.42	69.62		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.28	12.62	197	163
Unit 5	0.00	0.00	0	0
Total	4.28	12.62		
Uran				
All Units	7.26	21.83	319	274
Total	7.26	21.83		
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	0.29	20	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	0.29		
Koyna				
Stage 1-2	2.34	6.62	300	40
Stage 4	1.07	1.34	250	0
Stage 3	0.54	1.74	160	0
Total	3.95	9.70		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.54	1.59	60	0
TILLARI	0.48	1.00	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	0.38	80	0
RNGR+BHTSA	0.31	0.96	13	12
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.23	0.69	10	9
SMLHY_PTN	0.44	1.40	26	16
GHATGHAR	2.09	4.53	250	0
Total	4.22	10.54		
Wind				
Total	3.87	16.80	0	0
Total	3.87	16.80		
CPP				
APML(Mus)	70.02	208.02	0	0
JSWEL(Mus)	23.44	65.56	0	0
VIPL(Mus)	5.71	16.51	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	15.66	48.30	0	0
Total	114.84	338.39		
SOLAR				
Total	5.72	16.98	0	0
Total	5.72	16.98		
Tata				
Trombay 5	8.18	23.55	480	280
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.62	8.01	118	75
Trombay 7B	1.56	4.73	69	54
Trombay 8	5.30	15.81	242	203
TATA Hydro	3.38	8.72	297	55
Total	21.04	60.82		
R-INFRA				
DTPS U-1&2	4.92	14.49	253	188
Total	4.92	14.49		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	137.22	411.82	MSPGCL Total	152.65	453.89
			MSPGCL Thml+Gas	144.48	433.65	Koyna 1,2 & 4 Total	3.41	7.96
			MSPGCL Hydro	8.17	20.24	State Total	303.04	901.37

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/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	5236	89	314	5639	88	4167	0	0	3643	3577	-635	12836	0	12836	1499	14335	49.92
2	5165	89	305	5559	90	3902	0	0	3606	3484	-526	12509	0	12509	1378	13887	49.94
3	5174	78	317	5569	83	3863	0	0	3519	3547	-488	12574	0	12574	1308	13882	49.95
4	5176	83	318	5577	112	3865	0	0	3633	3576	-478	12652	0	12652	1283	13935	50.06
5	5178	83	319	5580	73	3865	0	0	4274	4138	-489	13167	0	13167	1292	14459	50.02
6	5461	95	317	5873	94	3986	0	0	4653	4801	-634	14120	0	14120	1437	15557	49.95
7	6037	230	317	6584	91	4881	0	11	5188	4997	-800	15764	0	15764	1630	17394	49.83
8	6187	603	318	7108	185	5217	0	97	5193	5207	-737	17077	0	17077	1826	18903	49.90
9	6177	723	317	7217	152	5392	0	331	5167	5088	-900	17280	0	17280	2105	19385	49.91
10	6125	977	302	7404	186	5417	0	594	5324	5306	-1023	17884	0	17884	2341	20225	49.87
11	6135	916	297	7348	205	5401	0	750	5470	5686	-1082	18308	0	18308	2492	20800	49.96
12	6021	937	291	7249	214	5388	0	835	5525	5414	-1083	18017	0	18017	2520	20537	49.98
13	6029	487	285	6801	249	5289	0	848	5474	5232	-1068	17351	0	17351	2462	19813	49.97
14	6020	424	284	6728	193	5163	0	787	4920	4974	-1125	16720	0	16720	2333	19053	50.03
15	6151	383	282	6816	186	5161	0	633	5069	5194	-1166	16824	0	16824	2361	19185	50.01
16	6200	139	274	6613	187	5158	0	515	5314	5420	-1207	16686	0	16686	2372	19058	49.95
17	5778	398	286	6462	181	5213	0	260	4922	5041	-1200	15957	0	15957	2368	18325	49.95
18	5727	262	288	6277	145	5259	0	55	5190	4599	-1218	15117	0	15117	2359	17476	49.93
19	5728	203	303	6234	248	5212	0	0	5067	4901	-1238	15357	0	15357	2422	17779	49.90
20	5216	193	297	5706	255	5004	0	0	4871	4888	-1144	14709	0	14709	2358	17067	49.93
21	5675	213	296	6184	242	4899	0	0	4300	4219	-1094	14450	0	14450	2221	16671	49.93
22	5608	143	312	6063	181	4526	0	0	4031	4228	-999	13999	0	13999	2047	16046	50.02
23	5492	313	310	6115	129	4325	0	0	3446	3686	-910	13345	0	13345	1878	15223	50.03
24	5524	107	314	5945	98	4289	0	0	3733	3576	-760	13148	0	13148	1674	14822	50.03
MUs	137.2 2	8.17	7.26	152.65	3.87	114.84	0.00	5.72	111.53	110.78	-22.00	365.85	0.00	365.85	47.97	413.82	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 03/Jan/2019

Position as on 6.30 Hrs of 04/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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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	Koradi Unit 9	660	03/01/2019	16.16	03/01/2019	18.25	M.S.Temp Low Protection	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 04/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
Karad-Jaigad - I	IntraState	29/12/2018	17.31	03/01/2019	09.49	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	02/01/2019	17.10	03/01/2019	09.54	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	03/01/2019	00.00	03/01/2019	09.44	HT	Over Voltage
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		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	03/01/2019	23.52		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.
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	25/11/2018	00.54	03/01/2019	23.20	T	NDR ALARM CHANGED ON HUMMING AT (30-12-2018 AT 18.21.)
400/220kv 315MVA ICT-I@Parly	IntraState	24/12/2018	15.40		Continued.	PO	Replacement Of B-PH Unit By Re pared One.
400/220/33kv, 500 Mva Ict-2 @Khaparkheda	IntraState	03/01/2019	11.33	03/01/2019	19.48	PO	High Insulation coating
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		Continued.	EO	To control load on Padgha ICTs.
Padgha-Temghar-II	IntraState	03/12/2018	08.15		Continued.	EO	To control load on Padgha ICTs.
Trombay - Kalwa	IntraState	24/12/2018	14.50		Continued.	PO	For Replacement Of Rusted Tower.
Trombay - Mulund	IntraState	24/12/2018	15.14	03/01/2019	22.04	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.
Phursungi-Parvati	IntraState	03/01/2019	09.01	03/01/2019	16.56	PO	Half yearly maintenance work
Dahanu Ghodbunder Line 2	IntraState	03/01/2019	09.24	03/01/2019	20.08	PO	Line Maintenance work
Pophali - Nerale	IntraState	03/01/2019	09.25	03/01/2019	18.05	PO	Insulator washing
Bhosari 2 - Telco	IntraState	03/01/2019	09.47	03/01/2019	18.38	PO	SSN-DSN work
Jejuri (400 Kv)-Jejuri- I	IntraState	03/01/2019	10.25	03/01/2019	14.55	PO	Replacement of R and Y Phase LA
Ranjangaon-Lonikand	IntraState	03/01/2019	11.45	03/01/2019	19.26	EO	To attend Hot Spot
Dasturi-Kandalgaon Line	IntraState	03/01/2019	17.44	03/01/2019	20.45	EO	Flash Insulator replacement

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