

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Mar/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	142.724	3976.385	1) Gujrat	-0.055	60.991
2) Hydro	11.544	288.487	2) Madhya Pradesh	18.379	529.499
3) Gas	6.878	199.079	3) Chattisgarh	4.520	158.910
Total MSPGCL	161.146	4463.951	4) Maharashtra	123.029	3467.550
B) 1) APLM	76.532	2137.370	5) Goa (Amona)	-0.396	-12.254
2) JSWEL	24.305	668.712	Total	145.477	4204.696
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.087	635.550
4) RPL(AMT)	10.537	128.905	b) Mumbai Drawl	30.553	679.117
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	16.431	481.271
6) Other IPP	12.583	382.787	Include PX	-4.997	-54.040
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.087	635.550
C) 1) TPCL Thermal	13.332	411.434	Include PX	19.426	339.001
2) TPCL Hydro	5.269	142.748	Standby	0.000	0.000
3) TPCL Gas	4.355	128.650	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.435	294.171	1) MSEDCL	421.033	11896.600
D) STATE			2) Mumbai Discoms	62.944	1656.122
1) Thermal	289.448	7999.764	TOTAL STATE	483.977	13552.722
(A1+C1+C4+(B1-B6))					
2) Hydro	16.813	431.235			
(A2+C2)					
3) Gas	11.233	327.729			
(A3+B7+C3)					
4) Wind	14.538	376.570			
6) SOLAR	6.468	212.726			
TOTAL STATE	338.500	9348.024			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6153	6183	6023	5488
MSPGCL Hydro	806	668	668	113
MSPGCL Gas	280	271	287	300
MSPGCL Total Generation	7239	7122	6978	5901
Central Sector Receipt	6459	6346	5774	5499
WIND	127	122	851	852
CPP / IPP Thermal	5325	5348	5132	5058
CPP / IPP Gas	0	0	0	0
SOLAR	897	897	0	0
Exchange with Mumbai	-1413	-1346	-1390	-979
MSEDCL DEMAND MET	18634	18489	17345	16331
Load Shedding	0	0	0	0
MSEDCL DEMAND	18634	18489	17345	16331
TPCL GENERATION	1225	1268	1121	696
AEML GENERATION	485	499	374	374
MUMBAI DEMAND	3123	3113	2885	2049
STATE DEMAND MET	21757	21602	20230	18380
STATE DEMAND	21757	21602	20230	18380
Frequency (Hz)	49.98	50.01	49.97	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 18.02 Hrs	49.79 Hz at 14.21 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 30/Mar/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.18	111.90	200	155
Unit 7	0.00	0.00	0	0
Unit 8	7.84	282.10	370	290
Unit 9	10.08	277.42	509	325
Unit 10	9.53	291.54	460	350
Total	31.63	962.95		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.26	256.38	505	350
Unit 5	10.56	302.70	500	350
Total	20.82	559.08		
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	5.24	82.92	250	199
Total	5.24	82.92		
Chandrapur				
Unit 3	4.52	118.59	195	151
Unit 4	4.33	128.12	187	135
Unit 5	2.38	269.11	410	0
Unit 6	0.00	0.00	0	0
Unit 7	10.51	141.41	450	410
Unit 8	11.44	324.42	490	448
Unit 9	11.29	315.31	485	440
Total	44.48	1296.97		
Paras				
Unit 3	0.17	0.17	88	0
Unit 4	6.04	172.69	255	250
Total	6.21	172.86		
Khaparkheda				
Unit 1	3.42	113.94	175	115
Unit 2	3.49	111.34	165	140
Unit 3	4.36	113.93	192	170
Unit 4	4.17	112.34	180	160
Unit 5	10.44	312.63	450	420
Total	25.87	764.18		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.28	126.44	210	160
Unit 5	4.19	10.98	206	96
Total	8.47	137.42		
Uran				
All Units	6.88	199.08	300	271
Total	6.88	199.08		
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)	0.16	2.67	24	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.16	2.67		
Koyna				
Stage 1-2	4.58	100.58	450	40
Stage 4	2.06	34.10	378	0
Stage 3	1.28	29.95	160	0
Total	7.92	164.64		
Hydro				
KDPH	0.72	25.01	37	18
VTRNA	0.99	27.51	61	0
TILLARI	0.75	12.08	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	7.80	67	0
RNGR+BHTSA	0.26	8.71	11	10
BHANDARDRA	0.26	11.67	11	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.43	15.48	18	17
GHATGHAR	0.00	15.58	0	0
Total	3.62	123.85		
Wind				
Total	14.54	376.57	0	0
Total	14.54	376.57		
CPP				
APML(Mus)	76.53	2137.37	0	0
JSWEL(Mus)	24.30	668.71	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	10.54	128.90	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	12.58	382.79	0	0
Total	123.96	3317.77		
SOLAR				
Total	6.47	212.73	0	0
Total	6.47	212.73		
Tata				
Trombay 5	8.15	256.97	483	310
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	81.68	117	115
Trombay 7B	1.58	46.96	66	65
Trombay 8	5.18	154.46	226	198
TATA Hydro	5.27	142.75	459	20
Total	22.96	682.83		
AEML				
DTPS U-1&2	9.44	294.17	499	371
Total	9.44	294.17		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	142.72	3976.38	MSPGCL Total	161.15	4463.95
			MSPGCL Thml+Gas	149.60	4175.46	Koyna 1,2 & 4 Total	6.65	134.68
			MSPGCL Hydro	11.54	288.49	State Total	338.50	9348.02

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/Mar/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	5467	421	289	6177	866	5276	0	0	5966	6130	-1351	17098	0	17098	2496	19594	49.98
2	5531	401	290	6222	608	5166	0	0	5997	5980	-1184	16792	0	16792	2293	19085	50.03
3	5612	266	289	6167	849	5094	0	0	5762	5948	-1078	16980	0	16980	2147	19127	50.06
4	5488	113	300	5901	852	5058	0	0	5638	5499	-979	16331	0	16331	2049	18380	50.01
5	5446	178	290	5914	903	5058	0	0	5784	5772	-922	16725	0	16725	1993	18718	49.96
6	5815	313	292	6420	883	5150	0	0	5989	6062	-976	17539	0	17539	2053	19592	49.99
7	6035	661	294	6990	769	5386	0	12	6077	6101	-832	18426	0	18426	2112	20538	50.06
8	6011	329	293	6633	569	5291	0	145	6135	6238	-890	17986	0	17986	2193	20179	50.05
9	5779	468	289	6536	427	5096	0	421	6050	6157	-1218	17419	0	17419	2424	19843	50.02
10	5974	481	285	6740	384	5139	0	646	6283	6444	-1411	17942	0	17942	2736	20678	49.95
11	6089	548	282	6919	257	5186	0	798	6472	6568	-1571	18157	0	18157	3013	21170	49.99
12	6153	806	280	7239	127	5325	0	897	6565	6459	-1413	18634	0	18634	3123	21757	49.98
13	6183	668	271	7122	122	5348	0	897	6527	6346	-1346	18489	0	18489	3113	21602	50.01
14	6133	412	281	6826	185	5203	0	849	6530	6529	-1392	18200	0	18200	2975	21175	49.97
15	5996	946	280	7222	377	5127	0	722	6601	6625	-1482	18591	0	18591	3008	21599	49.92
16	6114	872	281	7267	477	5285	0	566	6529	6358	-1481	18472	0	18472	3033	21505	49.98
17	6244	403	272	6919	563	5405	0	381	6431	6413	-1453	18228	0	18228	2992	21220	50.00
18	6293	318	284	6895	699	5353	0	125	6114	5964	-1470	17566	0	17566	2916	20482	50.05
19	6062	266	285	6613	859	5053	0	9	5579	5544	-1442	16636	0	16636	2858	19494	50.01
20	6023	668	287	6978	851	5132	0	0	5781	5774	-1390	17345	0	17345	2885	20230	49.97
21	6045	231	288	6564	1118	5134	0	0	5589	5375	-1384	16807	0	16807	2771	19578	50.04
22	5982	191	288	6461	816	4987	0	0	5486	5742	-1338	16668	0	16668	2640	19308	50.00
23	6129	604	298	7031	581	4775	0	0	5571	5617	-1265	16739	0	16739	2572	19311	49.93
24	6120	980	290	7390	396	4930	0	0	5669	5832	-1285	17263	0	17263	2549	19812	49.98
MUs	142.72	11.54	6.88	161.15	14.54	123.96	0.00	6.47	145.12	145.48	-30.55	421.03	0.00	421.03	62.94	483.98	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 30/Mar/2019

Position as on 6.30 Hrs of 31/Mar/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	Parli Unit 7	250	12/12/2018	00.00		Continued.	Zero Schedule. (From Dt-27/01/2019 Converted Zero sch to AOH) and (from dt-15/02/2019 Converted AOH to Zero sch by MSEDCL)	
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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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 B0	120	08/09/2018	12.19		Continued.	T/F Shifting Work.	
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	30/03/2019	21.39	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Zero Schedule.	
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	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
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	Nasik Unit 3	210	09/01/2019	19.30		Continued.	Zero Schedule	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	19/01/2019	18.21		Continued.	Poor Coal Receipt	
MSPGCL	Chandrapur Unit 6	500	20/02/2019	22.07		Continued.	Rotor Earth Fault	
MSPGCL	Chandrapur Unit 5	500	28/03/2019	22.19	30/03/2019	16.10	Generator Protection operated	
MSPGCL	Koyna Unit 8	80	29/03/2019	07.55	30/03/2019	21.45	CW Bus Work.	
MSPGCL	Koyna Unit 5	80	31/03/2019	08.20		Continued.	CW Bus Work.	
MSPGCL	Koradi Unit 9	660	31/03/2019	15.13		Continued.	Furnace Pressure High	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 30/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 31/Mar/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi III - Akola II- ckt-II	IntraState	31/03/2019	08.43	31/03/2019	13.00	EO	To reconnect the Jumpers
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	27/03/2019	18.00		Continued.	HT	Over Voltage
Kudus-Padgha(PG) Ckt I	InterState	30/03/2019	12.48	30/03/2019	19.59	PO	Y Phase CT replacement
Lamboti - Solapur (PG)	InterState	30/03/2019	15.08	30/03/2019	16.25	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	29/03/2019	20.05	30/03/2019	10.03	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	30/03/2019	18.27	31/03/2019	08.26	HT	Over Voltage
New Koyna - Dabhol-I	IntraState	31/03/2019	04.46	31/03/2019	05.34	T	Distance Protection Zone 1 R Phase
New Koyna - Dabhol-I	IntraState	31/03/2019	10.27	31/03/2019	19.31	EO	Replacement of Flashover Insulator String
Khadka-Aurangabad (Waluj)	IntraState	31/03/2019	16.53		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.
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	26/03/2019	11.02		Continued.	PO	Overhauling 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.
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.
Trombay Salsette 1 Backbay	IntraState	29/03/2019	18.55	30/03/2019	05.00	PO	Replacement of string insulator
Nanded-Waghale I	IntraState	30/03/2019	07.45	30/03/2019	08.41	PO	For Line Signature test
Kalwa - Borivali	IntraState	30/03/2019	08.53	30/03/2019	11.53	PO	CT Oil Leakage
Mahindra Vehicle-Bridgestone	IntraState	30/03/2019	09.08	30/03/2019	17.08	PO	Construction work
Pegasus - Infosys	IntraState	30/03/2019	10.12	30/03/2019	12.47	PO	Routine Maintenance Work
Bhosari 2 - Telco	IntraState	30/03/2019	13.08	30/03/2019	13.38	PO	Tan Delta Measurment of CTs
Kharghar-Borivali ckt II	IntraState	30/03/2019	14.25	30/03/2019	18.50	PO	Stringing of OPGW Cable
Bhosari 2 - Telco	IntraState	31/03/2019	00.38	31/03/2019	04.54	PO	Tan Delta Measurment of CTs
Salsette - Sahara	IntraState	31/03/2019	07.00	31/03/2019	19.43	PO	Conductor replacement
Sonkhar - Trombay	IntraState	31/03/2019	08.12	31/03/2019	11.37	EO	To attend Hot Spot
Kharghar-Borivali ckt II	IntraState	31/03/2019	10.42	31/03/2019	16.53	PO	OPGW stringing work in TBC
Ambazari-Amravati	IntraState	31/03/2019	11.56	31/03/2019	16.59	PO	For Tapping at 220 KV Karanja S/S
Ambazari-Amravati	IntraState	31/03/2019	17.46	31/03/2019	19.37	PO	To remove tapping of Karanja CKT
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.
220/132 Kv 100 Mva Gec lct 1 @Pusad	IntraState	29/03/2019	09.37	30/03/2019	16.43	T	Buchholz alarm received

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 30/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 31/Mar/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 KV 200MVA ICT II @ Pal	IntraState	30/03/2019	09.45	30/03/2019	15.07	PO	Testing Work
220/132 Kv 100 Mva Cgl Ict 2 @Pusad	IntraState	30/03/2019	16.59	31/03/2019	14.10	PO	Isolator Alignment
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	07/03/2019	15.40		Continued.	HT	Hand trip Form Pench end for system requirment.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.