

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Mar/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	140.072	3833.661	1) Gujrat	1.099	61.046
2) Hydro	11.093	276.943	2) Madhya Pradesh	17.927	511.120
3) Gas	5.184	192.201	3) Chattisgarh	3.990	154.390
Total MSPGCL	156.349	4302.805	4) Maharashtra	125.699	3344.521
B) 1) APLM	76.929	2060.838	5) Goa (Amona)	-0.418	-11.858
2) JSWEL	24.584	644.407	Total	148.297	4059.219
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.681	608.463
4) RPL(AMT)	10.207	118.368	b) Mumbai Drawl	32.299	648.564
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	17.018	464.839
6) Other IPP	12.635	370.204	Include PX	-4.835	-49.043
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.681	608.463
C) 1) TPCL Thermal	13.180	398.102	Include PX	21.019	319.575
2) TPCL Hydro	6.038	137.479	Standby	0.000	0.000
3) TPCL Gas	4.360	124.295	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.266	284.736	1) MSEDCL	418.143	11475.567
D) STATE			2) Mumbai Discoms	65.143	1593.178
1) Thermal	286.873	7710.316	TOTAL STATE	483.286	13068.745
(A1+C1+C4+(B1-B6))					
2) Hydro	17.131	414.422			
(A2+C2)					
3) Gas	9.544	316.496			
(A3+B7+C3)					
4) Wind	14.656	362.032			
6) SOLAR	6.785	206.258			
TOTAL STATE	334.989	9009.524			

* 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	6026	5700	5817	5530
MSPGCL Hydro	462	534	704	117
MSPGCL Gas	224	267	273	150
MSPGCL Total Generation	6712	6501	6794	5797
Central Sector Receipt	6428	6669	5906	6034
WIND	446	448	514	863
CPP / IPP Thermal	5400	5158	5292	4728
CPP / IPP Gas	0	0	0	0
SOLAR	941	944	0	0
Exchange with Mumbai	-1535	-1633	-1509	-945
MSEDCL DEMAND MET	18392	18087	16997	16477
Load Shedding	0	0	0	0
MSEDCL DEMAND	18392	18087	16997	16477
TPCL GENERATION	1275	1242	1081	699
AEML GENERATION	485	392	373	375
MUMBAI DEMAND	3295	3267	2963	2019
STATE DEMAND MET	21687	21354	19960	18496
STATE DEMAND	21687	21354	19960	18496
Frequency (Hz)	50.02	49.95	50.01	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18.33 Hrs	49.78 Hz at 04.17 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 29/Mar/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.33	107.72	210	155
Unit 7	0.00	0.00	0	0
Unit 8	9.31	274.26	450	263
Unit 9	8.66	267.33	410	306
Unit 10	8.16	282.00	401	300
Total	30.46	931.32		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.82	246.12	500	355
Unit 5	10.81	292.14	505	350
Total	21.64	538.26		
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	5.08	77.68	250	189
Total	5.08	77.68		
Chandrapur				
Unit 3	4.62	114.08	195	177
Unit 4	4.35	123.79	184	171
Unit 5	0.00	266.73	0	0
Unit 6	0.00	0.00	0	0
Unit 7	10.38	130.90	450	400
Unit 8	11.29	312.97	482	465
Unit 9	11.28	304.02	475	450
Total	41.93	1252.49		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	6.03	166.64	255	230
Total	6.03	166.64		
Khaparkheda				
Unit 1	3.78	110.52	175	120
Unit 2	3.66	107.85	160	140
Unit 3	4.37	109.57	185	169
Unit 4	4.24	108.17	183	170
Unit 5	10.68	302.20	460	435
Total	26.73	738.31		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.12	122.16	208	159
Unit 5	4.09	6.79	203	159
Total	8.22	128.95		
Uran				
All Units	5.18	192.20	289	136
Total	5.18	192.20		
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	2.51	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	2.51		
Koyna				
Stage 1-2	4.32	96.00	475	40
Stage 4	1.60	32.04	418	0
Stage 3	1.55	28.68	160	0
Total	7.47	156.71		
Hydro				
KDPH	0.89	24.29	37	37
VTRNA	0.95	26.52	61	0
TILLARI	0.44	11.33	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.37	7.59	80	0
RNGR+BHTSA	0.26	8.46	11	10
BHANDARDRA	0.26	11.41	11	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.45	15.05	19	18
GHATGHAR	0.00	15.58	0	0
Total	3.62	120.23		
Wind				
Total	14.66	362.03	0	0
Total	14.66	362.03		
CPP				
APML(Mus)	76.93	2060.84	0	0
JSWEL(Mus)	24.58	644.41	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	10.21	118.37	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	12.64	370.20	0	0
Total	124.36	3193.82		
SOLAR				
Total	6.78	206.26	0	0
Total	6.78	206.26		
Tata				
Trombay 5	7.99	248.82	434	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	78.91	116	114
Trombay 7B	1.58	45.39	67	65
Trombay 8	5.19	149.28	228	199
TATA Hydro	6.04	137.48	459	0
Total	23.58	659.88		
AEML				
DTPS U-1&2	9.27	284.74	485	373
Total	9.27	284.74		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	140.07	3833.66	MSPGCL Total	156.35	4302.80
			MSPGCL Thml+Gas	145.26	4025.86	Koyna 1,2 & 4 Total	5.93	128.04
			MSPGCL Hydro	11.09	276.94	State Total	334.99	9009.52

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/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	6088	816	148	7052	627	5179	0	0	5959	5950	-1336	17472	0	17472	2473	19945	49.96
2	6078	234	138	6450	697	5259	0	0	5807	5764	-1122	17048	0	17048	2256	19304	49.97
3	5663	152	149	5964	815	5024	0	0	5982	5649	-1047	16405	0	16405	2115	18520	50.03
4	5530	117	150	5797	863	4728	0	0	6007	6034	-945	16477	0	16477	2019	18496	50.00
5	5539	292	149	5980	809	4766	0	0	6032	6022	-903	16674	0	16674	1978	18652	49.95
6	5827	343	150	6320	961	5120	0	0	6063	6122	-941	17582	0	17582	2045	19627	49.95
7	5959	929	140	7028	890	5403	0	21	6162	6168	-864	18646	0	18646	2159	20805	50.00
8	5950	208	150	6308	700	5330	0	158	6237	6254	-924	17826	0	17826	2311	20137	50.00
9	6019	232	147	6398	433	5152	0	422	6393	6562	-1294	17673	0	17673	2589	20262	50.01
10	5844	515	136	6495	354	5044	0	648	6363	6641	-1466	17716	0	17716	2915	20631	49.99
11	6129	436	169	6734	420	5263	0	798	6677	6476	-1686	18005	0	18005	3169	21174	49.98
12	6026	462	224	6712	446	5400	0	941	6743	6428	-1535	18392	0	18392	3295	21687	50.02
13	5700	534	267	6501	448	5158	0	944	6711	6669	-1633	18087	0	18087	3267	21354	49.95
14	5673	629	276	6578	344	5129	0	910	6613	6600	-1580	17981	0	17981	3134	21115	50.04
15	5701	609	265	6575	362	5122	0	816	6664	6726	-1628	17973	0	17973	3183	21156	49.95
16	5954	549	277	6780	372	5128	0	536	6708	6663	-1666	17813	0	17813	3223	21036	50.00
17	5992	539	266	6797	363	5198	0	417	6605	6538	-1638	17675	0	17675	3193	20868	49.99
18	5940	424	280	6644	369	5068	0	161	6177	6153	-1552	16843	0	16843	3108	19951	50.02
19	5838	361	281	6480	382	5315	0	13	5656	5920	-1498	16612	0	16612	2970	19582	50.04
20	5817	704	273	6794	514	5292	0	0	5938	5906	-1509	16997	0	16997	2963	19960	50.01
21	5800	523	285	6608	663	5283	0	0	5723	5740	-1435	16860	0	16860	2827	19686	50.04
22	5577	504	287	6368	798	5307	0	0	5688	5869	-1349	16993	0	16993	2697	19690	50.04
23	5616	724	288	6628	1020	5276	0	0	5749	5747	-1394	17277	0	17277	2640	19917	50.02
24	5812	257	289	6358	1006	5411	0	0	5751	5695	-1354	17116	0	17116	2614	19730	49.97
MUs	140.07	11.09	5.18	156.35	14.66	124.36	0.00	6.78	148.41	148.30	-32.30	418.14	0.00	418.14	65.14	483.29	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 29/Mar/2019

Position as on 6.30 Hrs of 30/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	Uran Unit 5	108	28/03/2019	15.37	29/03/2019	10.11	Gas shortage	
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.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 29/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 30/Mar/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	27/03/2019	18.00		Continued.	HT	Over Voltage
Kudus-Padgha (PG) Ckt II	InterState	29/03/2019	12.13	29/03/2019	20.56	PO	Oil sample of line CT
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
Jaigad-New Koyna Ckt-II	IntraState	29/03/2019	05.38	29/03/2019	13.16	EO	Y PH Support insulator sparking observed
New Koyna -Koyna Stage IV-I	IntraState	29/03/2019	15.01	29/03/2019	19.27	PO	Cold Washing & Replacement of insulator
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		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
400/220/33 Kv 315 MVA ICT I @Babhleshwar	IntraState	29/03/2019	09.04	29/03/2019	17.28	PO	Change of Ratio,while charging own CB have problem hence charge on TBC
400 Kv 105 Mva Cgl Spare Ict @Dhule	IntraState	29/03/2019	10.22	29/03/2019	14.09	PO	Cold Testing Trails
400/220/33 Kv 315 Mva Ict 1 @Dhule	IntraState	29/03/2019	10.37	29/03/2019	14.06	PO	Cold Testing Trails
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.
PARLY (PG) - OSMANABAD	InterState	29/03/2019	12.25	29/03/2019	17.18	PO	Vibration Damper Fixing
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.
Padgha-Temghar-II	IntraState	28/03/2019	15.21	29/03/2019	01.29	T	Y-PH Coupling Capacitor Of Temghar2 Bay Brust At Padghe.
Padgha - Temghar I	IntraState	28/03/2019	15.21	29/03/2019	02.30	T	Y-PH Coupling Capacitor Of Temghar2 Bay Brust At Padghe.
Padghe - Nalasopara	IntraState	29/03/2019	07.50	29/03/2019	18.55	HT	Attending Hot Spot
Kandalgaon - Koyna	IntraState	29/03/2019	08.20	29/03/2019	16.40	PO	Cleaning of insulator strings
Kalwa - Colourchem	IntraState	29/03/2019	08.26	29/03/2019	18.29	PO	Chemical cleaning
220KV Borivali (M) - Borivali (T) ckt I	IntraState	29/03/2019	10.28	29/03/2019	18.25	PO	Replacement of R-ph lighting Arrester
Centuri Enka- Bhosari	IntraState	29/03/2019	10.48	29/03/2019	16.36	PO	Gas leakage Attending work
Chinchwad-Hinjewadi I	IntraState	29/03/2019	11.12	29/03/2019	19.39	HT	overloading of chinchwad urse
Wada - Bhavdeghar	IntraState	29/03/2019	12.18	29/03/2019	18.49	PO	Relay Testing Work
Apta - Bombay Dyeing	IntraState	29/03/2019	13.41	29/03/2019	18.05	T	Line tripped earth wire snapped
Halkarni-Mahalaxmiline	IntraState	29/03/2019	16.50	29/03/2019	17.10	PO	Scada IED work
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

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 29/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 30/Mar/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
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 Ict 1 @Pusad	IntraState	29/03/2019	09.37	30/03/2019	16.43	T	Buchholz alarm received
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		Continued.	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.

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