

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Mar/2018 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	146.721	4146.123	1) Gujrat	-3.201	-30.657
2) Hydro	17.042	437.086	2) Madhya Pradesh	17.701	564.195
3) Gas	6.874	219.167	3) Chattisgarh	7.480	184.210
Total MSPGCL	170.637	4802.376	4) Maharashtra Net	135.286	3325.993
B) 1) APML	35.979	1246.900	5) Goa (Amona)	-0.242	-18.260
2) JSWEL	13.861	534.577	Total	157.024	4025.481
3) VIPL	14.166	311.928	a) Mumbai Schedule	24.530	644.338
4) RPL(AMT)	19.520	495.618	b) Mumbai Drawl	26.129	704.238
5) WPCL	4.582	114.439	c) MSEDCL Bilateral *	43.316	1062.135
6) PGPL	0.000	0.000	Include PX	14.643	228.338
7) Other IPP	14.047	362.860	d) Mumbai Bilateral *	24.530	644.338
C) 1) TPCL Thermal	16.094	455.658	Include PX	3.741	134.699
2) TPCL Hydro	4.843	119.720	Include Standby	0.000	0.000
3) TPCL Gas	4.424	113.793	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.658	323.088	1) MSEDCL	419.675	11510.349
D) STATE			2) Mumbai Discoms	63.148	1716.513
1) Thermal	276.628	7991.191	TOTAL STATE	482.823	13226.862
(A1+C1+C4+(B1-B6))					
2) Hydro	21.885	556.806			
(A2+C2)					
3) Gas	11.298	332.960			
(A3+B6+C3)					
4) Wind	11.074	215.902			
6) SOLAR	4.914	104.506			
TOTAL STATE	325.799	9201.365			

* 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	6118	6076	6116	6171
MSPGCL Hydro	1568	1455	562	201
MSPGCL Gas	280	279	286	302
MSPGCL Total Generation	7966	7810	6964	6674
Central Sector Receipt	7757	7653	5975	5916
WIND	215	164	481	839
CPP / IPP Thermal	4321	4312	4278	4098
CPP / IPP Gas	0	0	0	0
SOLAR	645	676	0	0
Exchange with Mumbai	-1371	-1381	-1299	-885
MSEDCL DEMAND MET	19533	19234	16399	16642
Load Shedding	0	0	0	0
MSEDCL DEMAND	19533	19234	16399	16642
TPCL GENERATION	1236	1222	1117	750
R-INFRA GENERATION	500	501	498	376
MUMBAI DEMAND	3107	3104	2914	2011
STATE DEMAND MET	22640	22338	19313	18653
STATE DEMAND	22640	22338	19313	18653
Frequency (Hz)	49.94	49.96	49.95	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 06.01 Hrs	49.71 Hz at 00.14 Hrs	49.95	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/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	243.06	0	0
Unit 9	9.76	289.88	450	364
Unit 10	9.68	339.39	460	355
Total	19.44	872.34		
Bhusawal				
Unit 3	4.64	66.81	200	190
Unit 4	11.35	328.14	500	440
Unit 5	11.27	332.34	490	435
Total	27.26	727.30		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.90	150.58	250	240
Unit 7	5.67	139.95	248	205
Unit 8	5.02	155.63	227	198
Total	16.59	446.16		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	7.07	295.27	300	290
Unit 6	0.00	0.00	0	0
Unit 7	10.63	79.28	450	426
Unit 8	11.02	262.11	475	390
Unit 9	10.78	321.73	470	412
Total	39.50	958.39		
Paras				
Unit 3	5.79	148.49	250	221
Unit 4	5.83	170.02	250	225
Total	11.62	318.51		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.52	68.64	195	180
Unit 3	4.37	95.76	190	169
Unit 4	4.56	121.77	196	180
Unit 5	10.26	303.74	470	330
Total	23.71	589.91		
Nasik				
Unit 3	0.00	3.83	0	0
Unit 4	4.15	119.19	177	164
Unit 5	4.45	110.51	195	163
Total	8.60	233.53		
Uran				
All Units	6.87	219.17	304	270
Total	6.87	219.17		
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)	0.12	1.40	23	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.12	1.40		
Koyna				
Stage 1-2	4.74	106.68	485	40
Stage 4	5.24	159.16	750	0
Stage 3	2.35	57.33	240	0
Total	12.32	323.16		
Hydro				
KDPH	0.86	15.94	36	36
VTRNA	1.45	33.97	61	59
TILLARI	0.43	7.34	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	6.04	80	0
RNGR+BHTSA	0.33	8.99	14	13
BHANDARDRA	0.47	11.55	33	13
ELDARY	0.00	1.40	0	0
SMLHY_PTN	0.88	19.83	37	36
GHATGHAR	0.00	8.86	0	0
Total	4.72	113.92		
Wind				
Total	11.07	215.90	0	0
Total	11.07	215.90		
CPP				
APML(Mus)	35.98	1246.90	0	0
JSWEL(Mus)	13.86	534.58	0	0
VIPL(Mus)	14.17	311.93	0	0
RPLAMT(Mus)	19.52	495.62	0	0
WPCL(Mus)	4.58	114.44	0	0
Other(Mus)	14.05	362.86	0	0
Total	102.16	3066.32		
SOLAR				
Total	4.91	104.51	0	0
Total	4.91	104.51		
Tata				
Trombay 5	10.42	295.97	486	317
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	70.63	119	104
Trombay 7B	1.62	43.17	69	63
Trombay 8	5.68	159.69	245	210
TATA Hydro	4.84	119.72	375	36
Total	25.36	689.17		
R-INFRA				
DTPS U-1&2	11.66	323.09	503	375
Total	11.66	323.09		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	146.72	4146.12	MSPGCL Total	170.64	4802.38
			MSPGCL Thml+Gas	153.60	4365.29	Koyna 1,2 & 4 Total	9.98	265.84
			MSPGCL Hydro	17.04	437.09	State Total	325.80	9201.36

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/Mar/2018

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	6276	507	290	7073	741	4355	0	0	5957	6144	-972	17341	0	17341	2501	19842	49.89
2	6265	297	290	6852	705	4317	0	0	5811	5895	-834	16935	0	16935	2295	19230	49.98
3	6265	212	280	6757	702	4256	0	0	5788	5758	-796	16677	0	16677	2119	18796	49.95
4	6171	201	302	6674	839	4098	0	0	5800	5916	-885	16642	0	16642	2011	18653	49.93
5	6168	225	294	6687	773	4064	0	0	5833	6003	-835	16692	0	16692	1964	18656	49.95
6	6171	219	292	6682	692	4241	0	0	6162	6429	-785	17259	0	17259	2025	19284	49.96
7	6144	236	294	6674	557	4325	0	12	6763	6862	-612	17818	0	17818	2069	19887	50.01
8	6172	529	304	7005	504	4315	0	116	6335	6913	-706	18147	0	18147	2181	20328	50.00
9	6193	741	289	7223	305	4330	0	307	5867	6274	-880	17559	0	17559	2460	20019	49.97
10	6133	966	286	7385	301	4327	0	531	6095	6566	-1107	18003	0	18003	2782	20785	49.93
11	6077	1293	272	7642	372	4323	0	644	6602	6973	-1328	18626	0	18626	3020	21646	49.92
12	6118	1568	280	7966	215	4321	0	645	7478	7757	-1371	19533	0	19533	3107	22640	49.94
13	6076	1455	279	7810	164	4312	0	676	7530	7653	-1381	19234	0	19234	3104	22338	49.96
14	6018	1306	270	7594	181	4313	0	627	7294	7454	-1271	18898	0	18898	2982	21880	49.98
15	6070	1139	279	7488	263	4310	0	576	7625	7660	-1352	18945	0	18945	3030	21975	49.94
16	6062	1158	279	7499	278	4314	0	420	7630	7784	-1334	18961	0	18961	3063	22024	49.90
17	6101	1408	281	7790	279	4308	0	263	7066	7127	-1292	18475	0	18475	3036	21511	49.90
18	6043	1178	273	7494	287	4280	0	96	6059	6131	-1252	17036	0	17036	2971	20007	49.98
19	6089	442	285	6816	378	4265	0	1	5951	5745	-1284	15921	0	15921	2903	18824	49.97
20	6116	562	286	6964	481	4278	0	0	5955	5975	-1299	16399	0	16399	2914	19313	49.95
21	6102	348	296	6746	501	4192	0	0	5916	5801	-1234	16006	0	16006	2767	18773	49.94
22	6057	376	291	6724	515	4087	0	0	5861	5977	-1237	16066	0	16066	2652	18718	49.92
23	5971	323	292	6586	518	4099	0	0	5848	6035	-1089	16149	0	16149	2599	18748	49.87
24	5863	353	290	6506	523	4131	0	0	5869	6192	-993	16359	0	16359	2593	18952	49.96
MUs	146.72	17.04	6.87	170.64	11.07	102.16	0.00	4.91	153.09	157.02	-26.13	419.68	0.00	419.68	63.15	482.82	49.95

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/2018

Position as on 6.30 Hrs of 30/Mar/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51	29/03/2018	18.49	AOH	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
MSPGCL	Uran Unit 6	108	11/02/2018	23.43	29/03/2018	21.38	Annual Overhaul	
FORCED OUTAGE								
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		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	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
IPP	Adani U-4	660	12/02/2018	07.24		Continued.	Governing valve abnormal sound(Out due to coal shortage w.e.f 20.02.2018, 18:00hrs)	
IPP	JSW (J) U1	300	20/02/2018	12.06		Continued.	Turbine Vibration high.	
IPP	RPL(AMT) U-3	270	27/02/2018	00.01		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 1	210	27/02/2018	18.00		Continued.	Poor Coal Receipt	
MSPGCL	Nasik Unit 3	210	01/03/2018	20.40		Continued.	Poor coal Receipt From 06.03.2018	
IPP	RPL(AMT) U-5	270	24/03/2018	07.36		Continued.	ID Fan Problem	
MSPGCL	Uran Unit 8	108	25/03/2018	06.25		Continued.	Thrust Bearing Tripped	
MSPGCL	Koradi Unit-8	660	27/03/2018	02.04	29/03/2018	13.21	Air heater problem	
IPP	JSW (J) U2	300	28/03/2018	11.36		Continued.	CW Duct Leakage	
MSPGCL	Uran Unit 6	108	29/03/2018	22.06		Continued.	Turbine Vibration High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 30/Mar/2018

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-I	IntraState	29/03/2018	06.29	29/03/2018	07.22	T	Distance Protection
Koradi-III - Akola-II ckt-I	IntraState	29/03/2018	14.09	29/03/2018	20.19	HT	poor DGA Result
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	28/03/2018	18.33		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	28/03/2018	19.16	29/03/2018	07.10	HT	Over Voltage
Dabhol Nagothane II	InterState	29/03/2018	08.49	29/03/2018	19.31	HT	Cold Washing Of Insulators.
Kolhapur Solapur(PG) I	InterState	29/03/2018	09.39	29/03/2018	15.21	PO	Annual Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	28/03/2018	19.58	29/03/2018	06.51	HT	Over Voltage
Karad-Jaigad - I	IntraState	28/03/2018	20.10	29/03/2018	09.06	HT	Over Voltage
Warora-Chandrapur-II ckt-2	IntraState	29/03/2018	07.38	29/03/2018	12.19	T	Distance Protection
Main Bus II @ Parly	IntraState	29/03/2018	10.19	29/03/2018	18.50	PO	Line Maintenance work
Chandrapur - Parli	IntraState	29/03/2018	15.32		Continued.	HT	Heavy Oil Leakage
Bhusawal-Aurangabad	IntraState	29/03/2018	18.28		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	29/03/2018	18.31		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt-II	IntraState	29/03/2018	19.03	30/03/2018	04.30	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220 KV 315MVA ICT II @ Parli	IntraState	29/03/2018	11.44	29/03/2018	17.41	HT	Safety Purpose.
400/220KV 500MVA ICT-II@Taptitanda	IntraState	29/03/2018	15.49	30/03/2018	02.14	PO	Main Bus-2 Outage.
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.
Tillari Amona	InterState	28/03/2018	20.58	29/03/2018	20.52	T	Distance Protection
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	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12:23		Continued.	T	Distance Protection
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	'B'Phase CT Burst
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Kharghar-Sonkhar	IntraState	28/03/2018	06.16		Continued.	HT	Replacement Of Line Conductor.
Loteparshuram- Dasturi Line	IntraState	29/03/2018	05.55	29/03/2018	10.40	T	Distance Protection
Kharghar-Sonkhar	IntraState	29/03/2018	06.16		Continued.	PO	Replacement Of Conductor
Theur-Jejuri	IntraState	29/03/2018	09.30		Continued.	PO	Line Maintenance work
Pusad - Hingoli	IntraState	29/03/2018	15.46	29/03/2018	18.11	T	Routine Maintenance Work
Chalishaon - Deepnagar	IntraState	29/03/2018	16.04	29/03/2018	17.38	PO	Carrying Out Signature Test.
Padghe - Vasai	IntraState	29/03/2018	21.40		Continued.	T	B Phase PT Bust.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(repaired and ready for commissioning)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed

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/2018

Statement-VII

Position as on 6.30 Hrs of 30/Mar/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							on Internal Fault)
220/66 Kv 150 Mva Ngef Ict 1 @Gadchandur	IntraState	04/03/2018	02.55		Continued.	T	Differential protection
220/132kv 100 Mva Imp Ict 2 @Limbala Midc Hingoli	IntraState	25/03/2018	09.34		Continued.	PO	Oil Filtration With Dehydration As Moisture Content With Increasing Detected, Increasing Trend Of CO And CO2
100MVA ICT - I @ Boisar-II	IntraState	26/03/2018	13.54		Continued.	T	Bucchohz Protection Optd
220/132 Kv 100 Mva Cgl Ict 1 @Bhugaon	IntraState	28/03/2018	19.04		Continued.	T	REF Protection Operated.
220/33kV 100 MVA Transformer 3 @Aarey R/S	IntraState	29/03/2018	09.10	29/03/2018	19.30	PO	Replacement Of Marshalling Box.
220/132kv 100mva Ptr 1 @Kharepatan	IntraState	29/03/2018	09.30	29/03/2018	18.05	PO	Attending Hot Spot
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	29/03/2018	21.40		Continued.	T	B Phase PT Bust.
220/100 Kv 100 MVA ICT II @Vasai-II	IntraState	29/03/2018	21.40	30/03/2018	01.25	T	B Phase PT Bust.
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	25/03/2018	21.25		Continued.	T	Y-PHASE BUS P T BURST.
Kanhan-Mansar	IntraState	25/03/2018	21.25		Continued.	T	Y-PHASE BUS PT BRUST. 16 MW LOAD AFFECTED.
Kanhan-Kanhanrlytss 2	IntraState	29/03/2018	07.18	29/03/2018	08.31	T	Distance Protection

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