

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Mar/2018 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	149.574	3850.872	1) Gujrat	-2.006	-25.324
2) Hydro	31.635	406.413	2) Madhya Pradesh	19.830	527.843
3) Gas	6.829	205.447	3) Chattisgarh	7.030	169.970
Total MSPGCL	188.038	4462.732	4) Maharashtra Net	117.720	3058.220
B) 1) APML	40.366	1171.578	5) Goa (Amona)	-0.462	-17.666
2) JSWEL	18.376	504.614	Total	142.112	3713.043
3) VIPL	14.842	282.887	a) Mumbai Schedule	25.453	591.624
4) RPL(AMT)	19.898	456.154	b) Mumbai Drawl	28.921	650.553
5) WPCL	3.351	105.382	c) MSEDCL Bilateral *	35.122	970.924
6) PGPL	0.000	0.000	Include PX	5.690	195.496
7) Other IPP	13.468	335.111	d) Mumbai Bilateral *	25.453	591.624
C) 1) TPCL Thermal	17.246	422.358	Include PX	3.784	124.603
2) TPCL Hydro	5.353	109.595	Include Standby	0.000	0.000
3) TPCL Gas	4.399	104.912	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.998	299.442	1) MSEDCL	423.190	10667.796
D) STATE			2) Mumbai Discoms	67.916	1586.876
1) Thermal	289.119	7428.398	TOTAL STATE	491.106	12254.672
(A1+C1+C4+(B1-B6))					
2) Hydro	36.988	516.008			
(A2+C2)					
3) Gas	11.228	310.359			
(A3+B6+C3)					
4) Wind	7.757	193.139			
6) SOLAR	3.903	93.709			
TOTAL STATE	348.995	8541.613			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6459	6355	6373	5931
MSPGCL Hydro	2139	1806	655	895
MSPGCL Gas	279	278	274	280
MSPGCL Total Generation	8877	8439	7302	7106
Central Sector Receipt	6814	6746	5668	5450
WIND	151	347	614	145
CPP / IPP Thermal	4612	4704	4714	4483
CPP / IPP Gas	0	0	0	0
SOLAR	504	457	0	0
Exchange with Mumbai	-1580	-1547	-1281	-834
MSEDCL DEMAND MET	19378	19146	17017	16350
Load Shedding	0	0	0	0
MSEDCL DEMAND	19378	19146	17017	16350
TPCL GENERATION	1321	1281	1283	915
R-INFRA GENERATION	496	498	498	502
MUMBAI DEMAND	3397	3326	3062	2251
STATE DEMAND MET	22775	22472	20079	18601
STATE DEMAND	22775	22472	20079	18601
Frequency (Hz)	49.92	49.89	49.93	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 7.59 Hrs	49.73 Hz at 15.46 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 27/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	0.80	243.06	430	0
Unit 9	10.71	270.28	561	349
Unit 10	10.22	319.85	535	346
Total	21.74	833.19		
Bhusawal				
Unit 3	4.59	57.54	195	185
Unit 4	11.46	305.36	490	460
Unit 5	11.62	309.45	495	470
Total	27.68	672.36		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.83	138.80	252	198
Unit 7	5.77	128.48	252	227
Unit 8	5.14	145.50	231	196
Total	16.75	412.77		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	7.88	281.14	350	260
Unit 6	0.00	0.00	0	0
Unit 7	8.11	58.14	450	0
Unit 8	11.22	240.15	480	450
Unit 9	10.62	300.33	467	414
Total	37.81	879.77		
Paras				
Unit 3	6.03	136.72	256	250
Unit 4	6.00	158.19	251	250
Total	12.03	294.91		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.64	59.52	200	190
Unit 3	4.54	86.82	210	175
Unit 4	4.65	112.72	200	190
Unit 5	11.12	282.52	500	405
Total	24.96	541.57		
Nasik				
Unit 3	0.00	3.83	0	0
Unit 4	4.12	110.88	176	151
Unit 5	4.49	101.60	195	176
Total	8.61	216.30		
Uran				
All Units	6.83	205.45	304	268
Total	6.83	205.45		
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)	0.24	1.09	43	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.24	1.09		
Koyna				
Stage 1-2	6.10	98.96	495	40
Stage 4	15.81	149.47	1005	0
Stage 3	4.97	53.29	320	0
Total	26.88	301.72		
Hydro				
KDPH	0.86	14.21	36	36
VTRNA	1.10	31.52	61	0
TILLARI	0.32	6.20	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	5.34	80	0
RNGR+BHTSA	0.33	8.31	14	13
BHANDARDRA	0.47	10.60	32	13
ELDARY	0.00	1.40	0	0
SMLHY_PTN	0.59	18.25	25	24
GHATGHAR	0.74	8.86	125	0
Total	4.76	104.69		
Wind				
Total	7.76	193.14	0	0
Total	7.76	193.14		
CPP				
APML(Mus)	40.37	1171.58	0	0
JSWEL(Mus)	18.38	504.61	0	0
VIPL(Mus)	14.84	282.89	0	0
RPLAMT(Mus)	19.90	456.15	0	0
WPCL(Mus)	3.35	105.38	0	0
Other(Mus)	13.47	335.11	0	0
Total	110.30	2855.73		
SOLAR				
Total	3.90	93.71	0	0
Total	3.90	93.71		
Tata				
Trombay 5	11.44	274.15	493	441
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.79	64.98	118	104
Trombay 7B	1.61	39.93	68	63
Trombay 8	5.81	148.21	244	240
TATA Hydro	5.35	109.60	406	0
Total	27.00	636.86		
R-INFRA				
DTPS U-1&2	12.00	299.44	502	496
Total	12.00	299.44		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	149.57	3850.87	MSPGCL Total	188.04	4462.73
			MSPGCL Thml+Gas	156.40	4056.32	Koyna 1,2 & 4 Total	21.90	248.44
			MSPGCL Hydro	31.64	406.41	State Total	349.00	8541.61

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	6236	1559	288	8083	177	4506	0	0	5530	5373	-1176	16963	0	16963	2655	19618	49.94
2	6194	1141	288	7623	187	4513	0	0	5450	5702	-962	17063	0	17063	2428	19491	50.01
3	5931	895	280	7106	145	4483	0	0	5415	5450	-834	16350	0	16350	2251	18601	50.01
4	5925	874	302	7101	161	4529	0	0	5362	5507	-737	16561	0	16561	2148	18709	50.00
5	5971	924	291	7186	192	4523	0	0	5386	5415	-690	16626	0	16626	2102	18728	50.00
6	5994	1443	293	7730	195	4522	0	0	5465	5670	-737	17380	0	17380	2148	19528	49.99
7	6011	1948	293	8252	196	4518	0	7	5851	6286	-702	18557	0	18557	2236	20793	49.98
8	6110	1859	304	8273	167	4504	0	102	5781	5620	-751	17915	0	17915	2369	20284	50.02
9	6159	1691	279	8129	123	4558	0	253	5241	5486	-1168	17381	0	17381	2669	20050	49.98
10	6262	1945	286	8493	133	4557	0	391	5342	5703	-1313	17964	0	17964	3027	20991	49.91
11	6409	2027	282	8718	130	4555	0	469	5560	6025	-1537	18360	0	18360	3270	21630	49.98
12	6459	2139	279	8877	151	4612	0	504	6446	6814	-1580	19378	0	19378	3397	22775	49.92
13	6408	2032	268	8708	184	4678	0	546	6397	6496	-1554	19058	0	19058	3360	22418	49.97
14	6348	2037	279	8664	272	4661	0	506	6063	6370	-1497	18976	0	18976	3261	22237	49.97
15	6355	1806	278	8439	347	4704	0	457	6363	6746	-1547	19146	0	19146	3326	22472	49.89
16	6361	1278	269	7908	415	4711	0	351	6907	7120	-1543	18962	0	18962	3343	22305	49.86
17	6410	1588	281	8279	571	4583	0	233	6442	6521	-1510	18677	0	18677	3294	21971	49.88
18	6451	1441	283	8175	539	4549	0	81	5716	5904	-1488	17760	0	17760	3191	20951	49.95
19	6409	430	285	7124	668	4643	0	3	5530	5335	-1457	16316	0	16316	3061	19377	49.96
20	6373	655	274	7302	614	4714	0	0	5359	5668	-1281	17017	0	17017	3062	20079	49.93
21	6352	433	286	7071	506	4759	0	0	5319	5438	-1158	16616	0	16616	2927	19543	49.93
22	6247	298	287	6832	654	4720	0	0	5221	5698	-1079	16825	0	16825	2825	19650	49.94
23	6150	475	287	6912	495	4596	0	0	5699	5903	-1295	16611	0	16611	2801	19412	49.89
24	6049	717	287	7053	535	4604	0	0	5709	5862	-1325	16729	0	16729	2766	19495	49.92
MUs	149.57	31.64	6.83	188.04	7.76	110.30	0.00	3.90	137.55	142.11	-28.92	423.19	0.00	423.19	67.92	491.11	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 27/Mar/2018

Position as on 6.30 Hrs of 28/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		Continued.	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		Continued.	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	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
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	
MSPGCL	Chandrapur Unit 7	500	10/03/2018	23.06	27/03/2018	01.55	Water Shortage From 12/03/2018	
IPP	RPL(AMT) U-5	270	24/03/2018	07.36		Continued.	ID Fan Problem	
CPP	SWPGL U-4	135	24/03/2018	21.09	27/03/2018	16.45	ID Fan Problem	
MSPGCL	Uran Unit 8	108	25/03/2018	06.25		Continued.	Thrust Bearing Tripped	
MSPGCL	Koyna Unit 11	80	26/03/2018	20.40	27/03/2018	06.10	LBB Operated while withdrawing Unit No.11(Breaker Pole Stuck	
MSPGCL	Koradi Unit-8	660	27/03/2018	02.04		Continued.	Air heater problem	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 28/Mar/2018

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 I	InterState	26/03/2018	18.06	27/03/2018	06.30	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	27/03/2018	18.13	28/03/2018	06.37	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	26/03/2018	20.13	27/03/2018	06.20	HT	Over Voltage
Warora-Tirora-I	IntraState	27/03/2018	08.07	27/03/2018	19.14	PO	Line Maintenance work
Karad - Jaigad - II	IntraState	27/03/2018	09.35		Continued.	PO	Tan Delta Testing Work. RFC 18.35 HRS
Padghe - Nagothane - I	IntraState	27/03/2018	09.48	27/03/2018	19.23	PO	Faulty Insulator String Replacement Work At Tension Location.
Khadka-Aurangabad (Waluj)	IntraState	27/03/2018	19.49	28/03/2018	06.34	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	27/03/2018	19.41	28/03/2018	06.20	PO	Y-Phase 220KV Side CT Burst.
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	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-Borivali ckt I	IntraState	12/03/2018	10.00	27/03/2018	15.02	PO	Cable Termination work & Line Diverted To Siemenc.
Talandage - Sawantwadi I	IntraState	27/03/2018	02.23	27/03/2018	03.12	T	Distance Protection
Niwali - Pawas Line	IntraState	27/03/2018	04.14	27/03/2018	12.48	T	Distance Protection
Mahad - Pedambe	IntraState	27/03/2018	04.40	27/03/2018	05.05	T	Distance Protection
Kandalgaon - Koyna	IntraState	27/03/2018	05.54	27/03/2018	07.20	T	Distance Protection
Belewadi-Nagar Ckt I	IntraState	27/03/2018	09.05	27/03/2018	17.45	PO	Tightening Of Jump At Various Cut Point.
Dhamangaon New- Tss -I	IntraState	27/03/2018	09.14	27/03/2018	10.55	PO	Routine Maintenance Work
Satana-Gangapur	IntraState	27/03/2018	10.10	27/03/2018	11.07	T	CB Tripped At Satana End Only
Gangapur-Valve	IntraState	27/03/2018	10.10	27/03/2018	10.58	T	Distance Protection
Shivajinagar-Gangapur	IntraState	27/03/2018	10.10		Continued.	T	Distance Protection
Pophali - Nerale	IntraState	27/03/2018	10.35	27/03/2018	13.30	T	Distance Protection
Koradi II - Kawlewada	IntraState	27/03/2018	11.52	27/03/2018	15.58	T	Distance Protection
Butibori-Butibori Rly Tss	IntraState	27/03/2018	13.06	27/03/2018	16.28	PO	Measurement Of CB Timing And CRM Measurement Of Tan Delta Of CTs And CCs
Chikhli-Jalna-II	IntraState	27/03/2018	15.24	27/03/2018	18.07	PO	Diagnostic Testing Work.
Parli New Tps - Beed Ckt 1	IntraState	27/03/2018	16.12	27/03/2018	18.42	PO	Relay Testing Work.
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)

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 27/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 28/Mar/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed 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
220/132kv 100 Mva Imp Ict 2 @Limbala Midc Hingoli	IntraState	27/03/2018	09.34	27/03/2018	19.06	PO	Oil Filtration Work.
220/132 Kv 100 Mva Cgl Ict 2 @Pusad	IntraState	27/03/2018	10.06	27/03/2018	19.10	PO	ICT Painting Work.
220/132Kv 200MVA ICT-II @ Mudshingi	IntraState	27/03/2018	12.10	27/03/2018	15.10	PO	Testing Work
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.
Elichpur - Hingoli	IntraState	27/03/2018	12.29	27/03/2018	12.55	T	Distance Protection
Paranda - Kallamb	IntraState	27/03/2018	13.44	27/03/2018	13.55	T	Distance Protection
Paranda - Kallamb	IntraState	27/03/2018	14.10	27/03/2018	14.26	T	Distance Protection
Bhandara-Ambhora 1	IntraState	27/03/2018	21.27	27/03/2018	21.56	T	Distance Protection

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