

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	137.335	3908.566	1) Gujrat	-0.983	-77.420
2) Hydro	17.031	672.380	2) Madhya Pradesh	12.051	416.211
3) Gas	7.025	198.313	3) Chattisgarh	6.660	187.200
Total MSPGCL	161.391	4779.259	4) Maharashtra Net	131.274	3530.112
B) 1) APML	60.100	1278.492	5) Goa (Amona)	-0.066	-8.448
2) JSWEL	27.941	747.936	Total	148.936	4047.655
3) VIPL	7.490	155.586	a) Mumbai Schedule	27.714	786.977
4) RPL(AMT)	19.875	437.778	b) Mumbai Drawl	33.532	853.537
5) WPCL	4.804	114.721	c) MSEDCL Bilateral *	54.246	1258.467
6) PGPL	0.000	0.000	Include PX	14.439	303.970
7) Other IPP	14.247	302.265	d) Mumbai Bilateral *	27.210	785.908
C) 1) TPCL Thermal	11.324	445.047	Include PX	12.818	318.974
2) TPCL Hydro	3.455	139.724	Include Standby	0.504	1.069
3) TPCL Gas	2.591	69.680	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.872	317.251	1) MSEDCL	431.880	11726.995
D) STATE			2) Mumbai Discoms	62.774	1825.226
1) Thermal	294.988	7707.642	TOTAL STATE	494.654	13552.221
(A1+C1+C4+(B1-B6))					
2) Hydro	20.486	812.104			
(A2+C2)					
3) Gas	9.616	267.993			
(A3+B6+C3)					
4) Wind	14.720	555.633			
6) SOLAR	5.908	161.207			
TOTAL STATE	345.718	9504.579			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5680	5878	5656	5686
MSPGCL Hydro	1424	1191	615	530
MSPGCL Gas	293	283	286	299
MSPGCL Total Generation	7397	7352	6557	6515
Central Sector Receipt	6589	7190	5349	5797
WIND	263	551	943	674
CPP / IPP Thermal	5578	5618	5531	5628
CPP / IPP Gas	0	0	0	0
SOLAR	737	507	0	0
Exchange with Mumbai	-1439	-1512	-1331	-1350
MSEDCL DEMAND MET	19125	19706	17049	17264
Load Shedding	0	0	0	0
MSEDCL DEMAND	19125	19706	17049	17264
TPCL GENERATION	653	750	884	594
R-INFRA GENERATION	500	498	439	498
MUMBAI DEMAND	2592	2760	2654	2442
STATE DEMAND MET	21717	22466	19703	19706
STATE DEMAND	21717	22466	19703	19706
Frequency (Hz)	49.97	49.98	49.91	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 06.01 Hrs	49.78 Hz at 19.31 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/May/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	8.64	221.25	450	285
Unit 9	7.99	234.92	364	280
Unit 10	8.69	222.44	451	330
Total	25.32	678.61		
Bhusawal				
Unit 3	0.00	79.04	0	0
Unit 4	11.00	246.43	480	410
Unit 5	11.22	275.55	500	415
Total	22.22	601.02		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	3.89	130.97	180	132
Unit 7	3.93	130.50	176	155
Unit 8	3.89	124.28	173	119
Total	11.70	385.76		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.14	277.56	470	460
Unit 6	0.00	0.00	0	0
Unit 7	10.65	226.56	458	420
Unit 8	10.54	264.26	453	416
Unit 9	10.58	265.52	470	414
Total	42.91	1033.90		
Paras				
Unit 3	4.93	153.77	250	0
Unit 4	5.97	142.09	250	245
Total	10.90	295.87		
Khaparkheda				
Unit 1	3.80	97.90	165	150
Unit 2	3.84	105.52	160	160
Unit 3	3.81	105.58	162	150
Unit 4	3.75	104.06	160	150
Unit 5	0.00	267.85	0	0
Total	15.20	680.90		
Nasik				
Unit 3	4.55	10.38	195	182
Unit 4	4.52	117.86	195	177
Unit 5	0.00	104.27	0	0
Total	9.07	232.51		
Uran				
All Units	7.02	198.31	302	281
Total	7.02	198.31		
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)	0.18	2.70	23	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.18	2.70		
Koyna				
Stage 1-2	5.29	174.81	490	40
Stage 4	7.21	323.84	750	0
Stage 3	2.76	109.43	240	0
Total	15.26	608.08		
Hydro				
KDPH	0.67	17.13	28	27
VTRNA	0.00	0.00	0	0
TILLARI	0.14	3.43	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	8.04	80	0
RNGR+BHTSA	0.26	7.29	11	10
BHANDARDRA	0.00	11.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.43	9.74	26	15
GHATGHAR	0.00	7.05	0	0
Total	1.77	64.30		
Wind				
Total	14.72	555.63	0	0
Total	14.72	555.63		
CPP				
APML(Mus)	60.10	1278.49	0	0
JSWEL(Mus)	27.94	747.94	0	0
VIPL(Mus)	7.49	155.59	0	0
RPLAMT(Mus)	19.88	437.78	0	0
WPCL(Mus)	4.80	114.72	0	0
Other(Mus)	14.25	302.26	0	0
Total	134.46	3036.78		
SOLAR				
Total	5.91	161.21	0	0
Total	5.91	161.21		
Tata				
Trombay 5	5.69	292.90	478	164
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.49	39.73	91	45
Trombay 7B	1.10	29.95	57	38
Trombay 8	5.63	152.15	243	223
TATA Hydro	3.46	139.72	390	0
Total	17.37	654.45		
R-INFRA				
DTPS U-1&2	11.87	317.25	500	439
Total	11.87	317.25		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	137.34	3908.57	MSPGCL Total	161.39	4779.26
			MSPGCL Thml+Gas	144.36	4106.88	Koyna 1,2 & 4 Total	12.50	498.65
			MSPGCL Hydro	17.03	672.38	State Total	345.72	9504.58

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 27/May/2018

Annexure-2

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	5606	470	297	6373	812	5709	0	0	5470	5934	-1406	17422	0	17422	2948	20370	49.82
2	5655	1076	298	7029	551	5661	0	0	5534	5663	-1324	17580	0	17580	2773	20353	49.87
3	5689	1100	289	7078	486	5675	0	0	5733	5856	-1441	17654	0	17654	2611	20265	49.93
4	5690	993	298	6981	538	5661	0	0	5556	5735	-1361	17554	0	17554	2491	20045	49.95
5	5686	530	299	6515	674	5628	0	0	5646	5797	-1350	17264	0	17264	2442	19706	49.94
6	5699	408	300	6407	954	5592	0	0	6253	6402	-1437	17918	0	17918	2446	20364	49.96
7	5873	408	302	6583	722	5615	0	37	6540	6670	-1348	18279	0	18279	2337	20616	50.00
8	5934	175	290	6399	848	5578	0	187	6196	6178	-1331	17859	0	17859	2314	20173	50.02
9	5906	95	299	6300	534	5621	0	407	5798	6074	-1354	17582	0	17582	2343	19925	49.98
10	5803	292	296	6391	315	5592	0	585	5671	5793	-1285	17391	0	17391	2314	19705	49.96
11	5622	902	285	6809	314	5588	0	695	5742	5900	-1375	17931	0	17931	2501	20432	49.99
12	5680	1424	293	7397	263	5578	0	737	6395	6589	-1439	19125	0	19125	2592	21717	49.97
13	5730	1140	281	7151	387	5538	0	817	7081	7171	-1507	19557	0	19557	2634	22191	49.94
14	5832	1000	282	7114	379	5564	0	756	7103	7160	-1551	19422	0	19422	2663	22085	49.95
15	5917	889	291	7097	481	5589	0	680	7211	7241	-1615	19473	0	19473	2744	22217	49.96
16	5878	1191	283	7352	551	5618	0	507	7095	7190	-1512	19706	0	19706	2760	22466	49.98
17	5647	1137	293	7077	510	5591	0	336	7088	7323	-1423	19414	0	19414	2669	22083	49.98
18	5608	1265	285	7158	608	5593	0	143	6585	6523	-1407	18618	0	18618	2558	21176	50.00
19	5619	540	297	6456	754	5546	0	21	5659	5768	-1351	17194	0	17194	2500	19694	50.02
20	5656	615	286	6557	943	5531	0	0	5533	5349	-1331	17049	0	17049	2654	19703	49.91
21	5700	307	298	6305	836	5615	0	0	5438	5261	-1265	16752	0	16752	2745	19497	49.94
22	5673	184	297	6154	781	5578	0	0	5507	5552	-1267	16798	0	16798	2812	19610	49.93
23	5655	352	288	6295	849	5616	0	0	5635	5738	-1336	17162	0	17162	2896	20058	49.90
24	5577	538	298	6413	630	5580	0	0	5749	6069	-1516	17176	0	17176	3027	20203	49.92
MUs	137.33	17.03	7.02	161.39	14.72	134.46	0.00	5.91	146.22	148.94	-33.53	431.88	0.00	431.88	62.77	494.65	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/May/2018

Position as on 6.30 Hrs of 28/May/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown. (NO PPA FROM 01.04.2018)	
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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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	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	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
MSPGCL	Uran Unit 8	108	25/03/2018	06.25		Continued.	Tripped on Thrust Bearing	
IPP	VIPL U-1	300	01/04/2018	00.26		Continued.	Coal Shortage	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
IPP	Adani U-5	660	24/04/2018	08.53		Continued.	Bottom Ash problem	
IPP	RPL(AMT) U-1	270	01/05/2018	00.00		Continued.	Coal Shortage	
CENT.SECTOR	TARAPUR-3	540	02/05/2018	20.01	27/05/2018	03.31	Problem In Reactor	
IPP	RPL(AMT) U-2	270	06/05/2018	18.00		Continued.	Coal Shortage	
MSPGCL	Uran Unit B0	120	12/05/2018	19.16		Continued.	Due To Unit 7 Outage.	
MSPGCL	Uran Unit 7	108	12/05/2018	19.30		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	IEPL INTER CHANGE.	
MSPGCL	Nasik Unit 5	210	25/05/2018	16.00		Continued.	Boiler Inspection work	
MSPGCL	Khaparkheda Unit 5	500	26/05/2018	19.42		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 3	250	27/05/2018	09.38	27/05/2018	12.52	Furnace Pressure High	

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

Statement-VII

Position as on 6.30 Hrs of 28/May/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe HvdC Pole 2	IntraState	28/05/2018	03.28		Continued.	T	LINE FAULT.
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	26/05/2018	18.29		Continued.	HT	Over Voltage
Chandrapur Bhadravati III	InterState	26/05/2018	22.02	27/05/2018	00.04	T	Distance Protection
Kudus-Padgha(PG) Ckt I	InterState	28/05/2018	01.10	28/05/2018	03.39	T	Over Voltage
Karad-Jaigad - I	IntraState	27/05/2018	18:15		Continued.	T	Distance Protection. RFC 19:43 DT:27/05/2018
Lonikand I - Koyna stage-IV	IntraState	27/05/2018	22.15	27/05/2018	22.39	T	Distance Protection
Babhaleshwar - Padghe-II	IntraState	28/05/2018	02.44	28/05/2018	03.09	T	Distance Protection
Karad - Lonikand 1	IntraState	28/05/2018	04:35	28/05/2018	04:59	T	Distance Protection
Babhaleshwar - Padghe-II	IntraState	28/05/2018	05.20		Continued.	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 1 @Chandrapur 2	IntraState	31/03/2018	21.21		Continued.	HT	hand tripped after charge.
400/220/33 Kv 315 Mva Ict 1 @Dhule	IntraState	26/05/2018	11.10		Continued.	PO	Replacement Of Y PH Unit.
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	27/05/2018	05.25	27/05/2018	11.09	PO	Testing Work
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	28/05/2018	06.07		Continued.	EO	LA REPLACEMENT 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.
Borivali - Tarapur	InterState	27/05/2018	06.41	27/05/2018	09.02	PO	SHIFTING OF PHWR CALANDRIA TUBE SHEET ON TRAILER.
Boisar Tarapur	InterState	27/05/2018	07.32	27/05/2018	08.32	PO	SHIFTING OF PHWR CALANDRIA TUBE SHEET ON TRAILER.
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.
Sonkhar - Trombay	IntraState	15/05/2018	23.50		Continued.	PO	REPLACEMENT OF HTLS CONDUCTOR.
Warora - Wardha	IntraState	26/05/2018	19.59	27/05/2018	22.25	T	Distance Protection
Warora - Hinganghat	IntraState	26/05/2018	23.10	27/05/2018	01.23	PO	B phase jumper open.
Pedambe-Nerle	IntraState	27/05/2018	08.15	27/05/2018	17.32	PO	REPLACEMENT OF FAULTY INSULATOR STRING.
Ghodbunder - Gorai	IntraState	27/05/2018	09.03	27/05/2018	09.55	T	WHILE CHANGEOVER 125 MVA TF 2 FROM M B 2 TO M B 1, BUS FAULT OF BUS 1 & 2 OCCURRED. LOAD AFFECTED 46 MW. ALL LOAD SHIFTED ON BUS 2.
Versova Gorai Line	IntraState	27/05/2018	09.03	27/05/2018	09.57	T	WHILE CHANGEOVER 125 MVA TF 2 FROM M B 2 TO M B 1, BUS FAULT OF BUS 1 & 2 OCCURRED. LOAD AFFECTED 46 MW. ALL LOAD SHIFTED ON BUS 2.
Gorai MSETCL Borivali Line-1	IntraState	27/05/2018	09.03	27/05/2018	10.49	T	WHILE CHANGEOVER 125 MVA TF 2 FROM M B 2 TO M B 1, BUS FAULT OF BUS 1 & 2

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/May/2018

Statement-VII

Position as on 6.30 Hrs of 28/May/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							OCCURRED. LOAD AFFECTED 46 MW. ALL LOAD SHIFTED ON BUS 2.
Gorai MSETCL Borivali Line-2	IntraState	27/05/2018	09.03	27/05/2018	10.50	PO	WHILE CHANGEOVER 125 MVA TF 2 FROM M B 2 TO M B 1, BUS FAULT OF BUS 1 & 2 OCCURRED. LOAD AFFECTED 46 MW. ALL LOAD SHIFTED ON BUS 2.
Nerul-Trombay	IntraState	27/05/2018	11.49	27/05/2018	15.13	T	Distance Protection
Akola-Paras Ckt No-li	IntraState	27/05/2018	11.54	27/05/2018	12.13	T	Distance Protection
Karad(400kv) - Ogalewadi Ckt 1	IntraState	27/05/2018	12.03	27/05/2018	12.23	T	Distance Protection
Shivajinagar-Gangapur	IntraState	27/05/2018	15.26	27/05/2018	19.18	PO	Line Maintenance work
Paranda Tap Osmanabad - Barshi	IntraState	27/05/2018	18.52	27/05/2018	19.30	T	Distance Protection
Paranda-Barshi	IntraState	27/05/2018	19.10	27/05/2018	19.48	T	Distance Protection
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 on Internal Fault)
220/33kv 125 Mva Transformer 2 @Gorai R/S	IntraState	27/05/2018	09.03		Continued.	T	WHILE CHANGEOVER 125 MVA TF 2 FROM M B 2 TO M B 1, BUS FAULT OF BUS 1 & 2 OCCURRED. LOAD AFFECTED 46 MW. ALL LOAD SHIFTED ON BUS 2.
220/33kv 125 Mva Transformer 1 @Gorai R/S	IntraState	27/05/2018	09.03	27/05/2018	10.03	T	WHILE CHANGEOVER 125 MVA TF 2 FROM M B 2 TO M B 1, BUS FAULT OF BUS 1 & 2 OCCURRED. LOAD AFFECTED 46 MW. ALL LOAD SHIFTED ON BUS 2.
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	26/05/2018	16.21		Continued.	HT	HT for O/D.
Paranda - Bhoom	IntraState	27/05/2018	18.52	27/05/2018	19.30	PO	I/C SUPPLY FAIL.
Paranda-Kharda	IntraState	27/05/2018	18.52	27/05/2018	19.30	PO	I/C SUPPLY FAIL.

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