

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/May/2018 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.677	4042.243	1) Gujrat	-2.176	-79.596
2) Hydro	13.726	686.106	2) Madhya Pradesh	11.430	427.641
3) Gas	7.018	205.331	3) Chattisgarh	7.100	194.300
Total MSPGCL	154.421	4933.680	4) Maharashtra Net	140.564	3670.676
B) 1) APLM	58.952	1337.444	5) Goa (Amona)	-0.022	-8.470
2) JSWEL	28.026	775.962	Total	156.896	4204.551
3) VIPL	7.597	163.183	a) Mumbai Schedule	30.400	817.377
4) RPL(AMT)	19.950	457.728	b) Mumbai Drawl	36.421	889.958
5) WPCL	5.402	120.123	c) MSEDCL Bilateral *	58.365	1316.832
6) PGPL	0.000	0.000	Include PX	18.531	322.502
7) Other IPP	14.504	316.769	d) Mumbai Bilateral *	30.400	816.308
C) 1) TPCL Thermal	16.843	461.890	Include PX	12.159	331.134
2) TPCL Hydro	5.230	144.954	Include Standby	0.000	1.069
3) TPCL Gas	2.704	72.384	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.686	328.937	1) MSEDCL	438.259	12165.254
D) STATE			2) Mumbai Discoms	72.885	1898.111
1) Thermal	296.637	8004.279	TOTAL STATE	511.144	14063.365
(A1+C1+C4+(B1-B6))					
2) Hydro	18.956	831.060			
(A2+C2)					
3) Gas	9.722	277.715			
(A3+B6+C3)					
4) Wind	22.925	578.558			
6) SOLAR	6.007	167.214			
TOTAL STATE	354.247	9858.826			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5607	5329	5665	5590
MSPGCL Hydro	355	1497	674	286
MSPGCL Gas	290	290	297	301
MSPGCL Total Generation	6252	7116	6636	6177
Central Sector Receipt	7716	7837	5861	5630
WIND	849	733	1135	864
CPP / IPP Thermal	5536	5563	5592	5635
CPP / IPP Gas	0	0	0	0
SOLAR	818	649	20	0
Exchange with Mumbai	-1855	-1747	-1543	-1090
MSEDCL DEMAND MET	19316	20151	17701	17216
Load Shedding	0	0	0	0
MSEDCL DEMAND	19316	20151	17701	17216
TPCL GENERATION	1147	1311	1115	860
R-INFRA GENERATION	491	497	497	498
MUMBAI DEMAND	3493	3555	3155	2448
STATE DEMAND MET	22809	23706	20856	19664
STATE DEMAND	22809	23706	20856	19664
Frequency (Hz)	49.87	49.83	50.02	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18.03 Hrs	49.7 Hz at 14.44 Hrs	49.94	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 28/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	6.64	227.89	349	148
Unit 9	8.75	243.66	421	329
Unit 10	8.02	230.46	397	311
Total	23.41	702.02		
Bhusawal				
Unit 3	0.00	79.04	0	0
Unit 4	10.26	256.69	480	355
Unit 5	10.05	285.60	460	350
Total	20.31	621.34		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.30	135.27	250	167
Unit 7	3.14	133.64	184	0
Unit 8	4.10	128.39	206	159
Total	11.54	397.30		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.09	288.66	470	455
Unit 6	0.00	0.00	0	0
Unit 7	10.75	237.31	463	433
Unit 8	10.74	275.00	480	406
Unit 9	10.61	276.13	468	412
Total	43.20	1077.10		
Paras				
Unit 3	5.77	159.54	250	200
Unit 4	5.83	147.92	250	218
Total	11.60	307.46		
Khaparkhedda				
Unit 1	3.50	101.40	160	115
Unit 2	3.54	109.06	180	115
Unit 3	3.82	109.40	174	150
Unit 4	3.72	107.78	165	150
Unit 5	0.00	267.85	0	0
Total	14.58	695.48		
Nasik				
Unit 3	4.49	14.87	195	167
Unit 4	4.55	122.41	198	175
Unit 5	0.00	104.27	0	0
Total	9.04	241.55		
Uran				
All Units	7.02	205.33	301	280
Total	7.02	205.33		
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	2.82	24	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.12	2.82		
Koyna				
Stage 1-2	4.00	178.82	500	35
Stage 4	5.67	329.50	1000	0
Stage 3	2.37	111.80	240	0
Total	12.05	620.12		
Hydro				
KDPH	0.66	17.79	28	27
VTRNA	0.00	0.00	0	0
TILLARI	0.00	3.43	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	8.14	63	0
RNGR+BHTSA	0.25	7.54	11	10
BHANDARDRA	0.00	11.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.46	10.20	27	16
GHATGHAR	0.21	7.26	125	0
Total	1.68	65.98		
Wind				
Total	22.92	578.56	0	0
Total	22.92	578.56		
CPP				
APML(Mus)	58.95	1337.44	0	0
JSWEL(Mus)	28.03	775.96	0	0
VIPL(Mus)	7.60	163.18	0	0
RPLAMT(Mus)	19.95	457.73	0	0
WPCL(Mus)	5.40	120.12	0	0
Other(Mus)	14.50	316.77	0	0
Total	134.43	3171.21		
SOLAR				
Total	6.01	167.21	0	0
Total	6.01	167.21		
Tata				
Trombay 5	11.23	304.13	489	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.57	41.30	91	45
Trombay 7B	1.13	31.08	57	37
Trombay 8	5.61	157.76	242	214
TATA Hydro	5.23	144.95	435	4
Total	24.78	679.23		
R-INFRA				
DTPS U-1&2	11.69	328.94	501	375
Total	11.69	328.94		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	133.68	4042.24	MSPGCL Total	154.42	4933.68
			MSPGCL Thml+Gas	140.70	4247.57	Koyna 1,2 & 4 Total	9.67	508.32
			MSPGCL Hydro	13.73	686.11	State Total	354.25	9858.83

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/May/2018

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5687	1209	298	7194	695	5676	0	0	5546	5648	-1455	17758	0	17758	2943	20701	49.92
2	5575	1381	299	7255	671	5680	0	0	5455	5353	-1291	17668	0	17668	2730	20398	49.95
3	5510	763	289	6562	702	5671	0	0	5790	5591	-1150	17376	0	17376	2559	19935	49.93
4	5590	286	301	6177	864	5635	0	0	5835	5630	-1090	17216	0	17216	2448	19664	49.98
5	5587	181	300	6068	986	5623	0	0	5883	5759	-1091	17345	0	17345	2415	19760	49.92
6	5578	175	301	6054	1249	5601	0	0	6587	5911	-1128	17687	0	17687	2449	20136	49.99
7	5623	96	300	6019	1122	5515	0	61	6837	6582	-1282	18017	0	18017	2383	20400	49.99
8	5676	95	290	6061	1096	5442	0	203	6627	6955	-1496	18261	0	18261	2484	20745	49.98
9	5582	100	296	5978	1022	5561	0	414	6629	6394	-1628	17741	0	17741	2814	20555	49.94
10	5576	105	294	5975	1010	5540	0	615	6760	6787	-1750	18177	0	18177	3161	21338	49.91
11	5726	244	284	6254	834	5559	0	746	6974	7063	-1885	18571	0	18571	3416	21987	49.94
12	5607	355	290	6252	849	5536	0	818	7604	7716	-1855	19316	0	19316	3493	22809	49.87
13	5593	560	280	6433	738	5565	0	833	8016	7986	-1900	19655	0	19655	3519	23174	49.91
14	5565	419	280	6264	669	5565	0	781	7892	8087	-1743	19623	0	19623	3467	23090	49.91
15	5329	1497	290	7116	733	5563	0	649	7809	7837	-1747	20151	0	20151	3555	23706	49.83
16	5302	1814	283	7399	654	5580	0	443	7850	7811	-1802	20085	0	20085	3603	23688	49.85
17	5542	1481	283	7306	731	5561	0	306	7840	7783	-1725	19962	0	19962	3514	23476	49.91
18	5606	979	295	6880	816	5569	0	118	7253	7021	-1586	18818	0	18818	3367	22185	49.96
19	5665	674	297	6636	1135	5592	0	20	5946	5861	-1543	17701	0	17701	3155	20856	50.02
20	5659	193	287	6139	1315	5633	0	0	5747	5371	-1453	17005	0	17005	3115	20120	49.95
21	5544	180	296	6020	1285	5694	0	0	5646	5751	-1380	17370	0	17370	3068	20438	49.96
22	5490	178	298	5966	1184	5709	0	0	5646	5689	-1404	17144	0	17144	3021	20165	49.96
23	5544	373	288	6205	1235	5684	0	0	5736	6077	-1452	17748	0	17748	3075	20824	49.94
24	5521	388	299	6208	1330	5677	0	0	5831	6233	-1585	17863	0	17863	3130	20993	50.05
MUs	133.68	13.73	7.02	154.42	22.93	134.43	0.00	6.01	157.74	156.90	-36.42	438.26	0.00	438.26	72.88	511.14	49.94

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 28/May/2018

Position as on 6.30 Hrs of 29/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	29/05/2018	05.13	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	28/05/2018	22.16	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	
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	Parli Unit 7	250	28/05/2018	11.00	28/05/2018	16.00	Furnace Pressure High	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 28/May/2018

Statement-VII

Position as on 6.30 Hrs of 29/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	28/05/2018	08.09	T	LINE FAULT.
Chandrapur - Padghe Hvdc Pole 2	IntraState	29/05/2018	02.55		Continued.	T	reduced voltage.
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	28/05/2018	08.58	HT	Over Voltage
Kudus-Padgha(PG) Ckt I	InterState	28/05/2018	01.10	28/05/2018	03.39	T	Over Voltage
Dhule Sar'Sarovar I	InterState	28/05/2018	18.16		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	27/05/2018	18:15	28/05/2018	15.58	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	28/05/2018	21.26	T	Distance Protection
Babhaleshwar - Padghe-I	IntraState	29/05/2018	02.36		Continued.	T	Distance Protection
Kharghar-Talegaon(PG)	IntraState	29/05/2018	05.03	29/05/2018	06.36	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.
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	28/05/2018	06.07	28/05/2018	12.05	EO	LA REPLACEMENT WORK.
400/220 Kv 500 MVA ICT 3 @Kolhapur	IntraState	28/05/2018	17.52	28/05/2018	20.57	PO	ips tube painting.
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	28/05/2018	20.40	28/05/2018	21.31	T	on winding temp tripped.
400/220/33 Kv 105 MVA Spare ICT @Kharghar	IntraState	28/05/2018	20.40	28/05/2018	21.44	T	low oil level.
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.
Sonkhar - Trombay	IntraState	15/05/2018	23.50		Continued.	PO	REPLACEMENT OF HTLS CONDUCTOR.
Kharepatan -Pawas Line	IntraState	28/05/2018	09.10	28/05/2018	18.01	PO	Routine Maintenance Work
Taptitanda- Jalna ckt- I	IntraState	28/05/2018	09.42	28/05/2018	13.17	PO	Quarterly Maintainance Work
Walchandnagar-Bhigwan	IntraState	28/05/2018	10.17	28/05/2018	10.30	T	Over Current Protection
Kandalgaon-POSCO	IntraState	28/05/2018	11.33	28/05/2018	17.52	PO	tree trimming work.
Loteparshuram- Dasturi Line	IntraState	28/05/2018	12.01	28/05/2018	17.02	PO	pre monsoon maintenance.
New Koyna - Loteparshuram	IntraState	28/05/2018	12.02	28/05/2018	18.04	PO	for bus maintenance.
Bus @ Lote	IntraState	28/05/2018	12.03	28/05/2018	17.02	PO	pre monsoon maintenance.
Shivajinagar-Gangapur	IntraState	28/05/2018	14.43	28/05/2018	17.36	PO	Tightening of loose jumpers
Paranda Tap Osmanabad - Barshi	IntraState	28/05/2018	16.15	28/05/2018	19.25	PO	Relay Testing Work.
Main Bus Section-I@ Pedambe	IntraState	28/05/2018	19.03	28/05/2018	19.23	T	LBB operated
New Koyna - Pedambe	IntraState	28/05/2018	19.03	28/05/2018	19.27	T	LBB operated
Pophli Pedhmbe Line- 1	IntraState	28/05/2018	19.03	28/05/2018	19.30	T	LBB operated

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 28/May/2018

Statement-VII

Position as on 6.30 Hrs of 29/May/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Mahad - Pedambe	IntraState	28/05/2018	19.03	28/05/2018	19.25	T	LBB operated
Jejuri (400 Kv)- Baramati li	IntraState	28/05/2018	19.16	28/05/2018	23.43	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.
220/100 Kv 200 MVA ICT-I @Borivali	IntraState	28/05/2018	08.13	28/05/2018	15.27	PO	Routine Maintenance Work
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	26/05/2018	16.21		Continued.	HT	HT for O/D.
Deepnagar- Nimbhora	IntraState	28/05/2018	12.52	28/05/2018	13.01	T	Distance Protection
Raimoha - Pathardi	IntraState	28/05/2018	21.05		Continued.	T	Distance Protection

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