

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.306	4177.549	1) Gujrat	-1.826	-81.422
2) Hydro	4.011	690.117	2) Madhya Pradesh	9.562	437.203
3) Gas	7.029	212.360	3) Chattisgarh	5.940	200.240
Total MSPGCL	146.346	5080.026	4) Maharashtra Net	137.110	3807.786
B) 1) APML	54.364	1391.808	5) Goa (Amona)	-0.176	-8.646
2) JSWEL	27.889	803.851	Total	150.610	4355.161
3) VIPL	12.816	175.999	a) Mumbai Schedule	33.969	856.573
4) RPL(AMT)	20.026	477.754	b) Mumbai Drawl	38.287	928.245
5) WPCL	5.231	125.354	c) MSEDCL Bilateral *	56.324	1373.156
6) PGPL	0.000	0.000	Include PX	16.325	338.827
7) Other IPP	14.638	331.407	d) Mumbai Bilateral *	33.969	855.504
C) 1) TPCL Thermal	16.306	478.196	Include PX	7.475	338.608
2) TPCL Hydro	4.741	149.695	Include Standby	0.000	1.069
3) TPCL Gas	2.587	74.971	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.492	340.429	1) MSEDCL	438.164	12603.418
D) STATE			2) Mumbai Discoms	73.413	1971.524
1) Thermal	298.068	8302.347	TOTAL STATE	511.577	14574.942
(A1+C1+C4+(B1-B6))					
2) Hydro	8.752	839.812			
(A2+C2)					
3) Gas	9.616	287.331			
(A3+B6+C3)					
4) Wind	38.843	617.401			
6) SOLAR	5.688	172.902			
TOTAL STATE	360.967	10219.793			

* 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 17 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5557	5541	5698	5456
MSPGCL Hydro	155	288	235	87
MSPGCL Gas	285	283	287	300
MSPGCL Total Generation	5997	6112	6220	5843
Central Sector Receipt	6992	7807	5867	5449
WIND	1467	1516	1601	1650
CPP / IPP Thermal	5425	5687	5623	5629
CPP / IPP Gas	0	0	0	0
SOLAR	750	340	20	0
Exchange with Mumbai	-1854	-1737	-1534	-1426
MSEDCL DEMAND MET	18777	19725	17797	17145
Load Shedding	0	0	0	0
MSEDCL DEMAND	18777	19725	17797	17145
TPCL GENERATION	1179	1306	1156	639
R-INFRA GENERATION	499	496	500	382
MUMBAI DEMAND	3532	3539	3190	2447
STATE DEMAND MET	22309	23264	20987	19592
STATE DEMAND	22309	23264	20987	19592
Frequency (Hz)	49.93	49.96	50.02	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 07.48 Hrs	49.76 Hz at 22.21 Hrs	49.98	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/May/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.39	0.39	64	0
Unit 8	7.93	235.82	353	280
Unit 9	9.27	252.94	405	358
Unit 10	7.62	238.08	375	255
Total	25.21	727.22		
Bhusawal				
Unit 3	0.00	79.04	0	0
Unit 4	9.78	266.48	480	350
Unit 5	9.86	295.46	480	355
Total	19.65	640.98		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.64	139.91	225	178
Unit 7	4.56	138.21	227	173
Unit 8	1.92	130.30	181	0
Total	11.13	408.42		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.12	299.78	470	437
Unit 6	0.00	0.00	0	0
Unit 7	10.79	248.10	455	440
Unit 8	10.60	285.61	454	428
Unit 9	10.42	286.55	463	410
Total	42.94	1120.04		
Paras				
Unit 3	5.94	165.49	250	241
Unit 4	5.97	153.89	252	236
Total	11.92	319.38		
Khaparkheda				
Unit 1	3.30	104.70	155	90
Unit 2	3.50	112.56	160	125
Unit 3	3.64	113.04	160	140
Unit 4	3.54	111.32	165	135
Unit 5	1.47	269.32	455	0
Total	15.45	710.93		
Nasik				
Unit 3	4.54	19.41	199	159
Unit 4	4.48	126.89	195	162
Unit 5	0.00	104.27	0	0
Total	9.02	250.57		
Uran				
All Units	7.03	212.36	300	281
Total	7.03	212.36		
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	2.99	26	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.18	2.99		
Koyna				
Stage 1-2	1.54	180.36	220	40
Stage 4	0.33	329.84	232	0
Stage 3	0.18	111.98	80	0
Total	2.06	622.18		
Hydro				
KDPH	0.65	18.44	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.	0.26	8.40	80	0
RNGR+BHTSA	0.25	7.79	11	10
BHANDARDRA	0.00	11.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.28	10.48	20	9
GHATGHAR	0.51	7.78	125	0
Total	1.95	67.94		
Wind				
Total	38.84	617.40	0	0
Total	38.84	617.40		
CPP				
APML(Mus)	54.36	1391.81	0	0
JSWEL(Mus)	27.89	803.85	0	0
VIPL(Mus)	12.82	176.00	0	0
RPLAMT(Mus)	20.03	477.75	0	0
WPCL(Mus)	5.23	125.35	0	0
Other(Mus)	14.64	331.41	0	0
Total	134.96	3306.17		
SOLAR				
Total	5.69	172.90	0	0
Total	5.69	172.90		
Tata				
Trombay 5	10.70	314.82	485	318
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.48	42.78	95	45
Trombay 7B	1.10	32.19	58	38
Trombay 8	5.61	163.37	243	215
TATA Hydro	4.74	149.70	431	9
Total	23.63	702.86		
R-INFRA				
DTPS U-1&2	11.49	340.43	500	375
Total	11.49	340.43		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.31	4177.55	MSPGCL Total	146.35	5080.03
			MSPGCL Thml+Gas	142.34	4389.91	Koyna 1,2 & 4 Total	1.88	510.20
			MSPGCL Hydro	4.01	690.12	State Total	360.97	10219.79

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 29/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	5480	433	299	6212	1850	5712	0	0	5408	5639	-1551	17862	0	17862	3016	20878	50.00
2	5500	581	288	6369	1713	5768	0	0	5239	5172	-1368	17654	0	17654	2807	20461	49.99
3	5511	131	300	5942	1880	5778	0	0	5544	5413	-1229	17784	0	17784	2626	20410	49.96
4	5467	87	299	5853	1821	5742	0	0	5606	5593	-1313	17696	0	17696	2487	20183	49.99
5	5456	87	300	5843	1650	5629	0	0	5603	5449	-1426	17145	0	17145	2447	19592	50.00
6	5426	92	290	5808	1749	5607	0	0	6157	6094	-1440	17818	0	17818	2451	20269	50.01
7	5489	97	299	5885	1187	5568	0	43	6547	6995	-1399	18279	0	18279	2405	20684	49.96
8	5630	87	299	6016	1171	5602	0	178	6388	6294	-1461	17800	0	17800	2519	20319	50.05
9	5694	92	296	6082	1418	5583	0	345	6338	6078	-1556	17950	0	17950	2826	20776	50.03
10	5663	100	287	6050	1453	5497	0	527	6508	6181	-1726	17982	0	17982	3180	21162	50.00
11	5721	183	294	6198	1540	5539	0	663	6711	6329	-1850	18419	0	18419	3440	21859	49.98
12	5557	155	285	5997	1467	5425	0	750	7267	6992	-1854	18777	0	18777	3532	22309	49.93
13	5507	86	292	5885	1600	5409	0	771	7724	7368	-1827	19206	0	19206	3519	22725	49.94
14	5509	86	282	5877	1424	5328	0	756	7707	7520	-1871	19034	0	19034	3467	22501	49.95
15	5470	160	281	5911	1489	5462	0	639	7616	7740	-1879	19362	0	19362	3579	22941	49.93
16	5545	266	292	6103	1436	5642	0	523	7669	7664	-1805	19563	0	19563	3610	23173	49.95
17	5541	288	283	6112	1516	5687	0	340	7574	7807	-1737	19725	0	19725	3539	23264	49.96
18	5585	296	294	6175	1616	5685	0	133	7106	6978	-1659	18928	0	18928	3384	22312	50.01
19	5698	235	287	6220	1601	5623	0	20	5714	5867	-1534	17797	0	17797	3190	20987	50.02
20	5768	102	298	6168	1664	5751	0	0	5482	5719	-1457	17845	0	17845	3122	20967	49.97
21	5960	89	298	6347	1938	5770	0	0	5405	5177	-1424	17808	0	17808	3055	20863	49.96
22	6060	91	289	6440	1986	5688	0	0	5396	5366	-1627	17853	0	17853	3016	20869	49.97
23	6013	91	298	6402	1776	5741	0	0	5469	5468	-1607	17780	0	17780	3058	20838	49.92
24	6056	96	299	6451	1898	5728	0	0	5566	5707	-1687	18097	0	18097	3138	21235	49.99
MUs	135.31	4.01	7.03	146.35	38.84	134.96	0.00	5.69	151.74	150.61	-38.29	438.16	0.00	438.16	73.41	511.58	49.98

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/May/2018

Position as on 6.30 Hrs of 30/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 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	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	
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	29/05/2018	18.48	Boiler Tube Leakage	
MSPGCL	Parli Unit 8	250	29/05/2018	11.08		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 7	210	29/05/2018	11.33	29/05/2018	21.21	ID Fan Problem	
MSPGCL	Khaparkheda Unit 2	210	30/05/2018	00.40		Continued.	Boiler Tube Leakage	

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

Statement-VII

Position as on 6.30 Hrs of 30/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	29/05/2018	02.55	29/05/2018	11.14	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 I	InterState	28/05/2018	18.16		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	28/05/2018	21.26	29/05/2018	17.12	PO	TAKEN ON TBC DURING RESTOION OF LINE.
Babhaleshwar - Padghe-I	IntraState	29/05/2018	02.36	29/05/2018	16.45	T	Distance Protection
Kharghar-Talegaon(PG)	IntraState	29/05/2018	05.03	29/05/2018	06.36	T	Distance Protection
Chandrapur-II - Nanded ckt II	IntraState	29/05/2018	11.49	29/05/2018	20.11	PO	Line Maintenance work
Karad - Lonikand 1	IntraState	29/05/2018	17.22	29/05/2018	21.11	PO	Attending Hot Spot
Kharghar-Talegaon(PG)	IntraState	30/05/2018	04.00		Continued.	T	Distance Protection
400 KV ICT Outages/Trippings							
400/11.5 KV 80 MVA Stn T/F - I @ Chandrapur	InterState	29/05/2018	10.44		Continued.	PO	PAINTING WORK.
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.
400/220/33kv, 500 Mva Ict-2 @Khaparkheda	IntraState	29/05/2018	09.16	29/05/2018	16.58	PO	Routine Maintenance Work
400/220kv 315 Mva ICT I @Karad	IntraState	29/05/2018	10.05	29/05/2018	14.40	PO	PRE MANSON MAINTENANCE WORK.
400/220 KV 500MVA ICT-I @ Alkud	IntraState	29/05/2018	10.45	29/05/2018	16.14	PO	PRE MANSON MAINTENANCE 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.
Maisal-Jath I	InterState	29/05/2018	10.35	29/05/2018	13.28	PO	RESTRINGING OF CONDUCTOR.
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.
New Koyna - Niwali	IntraState	29/05/2018	08.43	29/05/2018	18.05	PO	REPLACEMENT OF INSULATOR STERING AT LOC-38&40.
Badnera-Akola I	IntraState	29/05/2018	09.51	29/05/2018	14.50	PO	REPLACEMENT OF Y-PHASE CT.
Satara (MIDC)-Ajinkyatara	IntraState	29/05/2018	10.03	29/05/2018	16.30	PO	CT TAN DELTA WORK.
Mahad-Kandalgaon	IntraState	29/05/2018	10.17	29/05/2018	19.00	PO	Line Maintenance work
Parli 2-(Girwali) -Murud	IntraState	29/05/2018	10.45	29/05/2018	13.53	PO	Y PHASE LA REPLACEMENT.
Ghodbunder - Gorai	IntraState	29/05/2018	11.46	29/05/2018	20.51	PO	OVERING REPLACEMENT WORK.
Chandrapur(MIDC)-Ballarshah II	IntraState	29/05/2018	13.06	29/05/2018	18.16	T	Distance Protection
Miraj-Ichalkaranji I	IntraState	29/05/2018	14.16	29/05/2018	16.38	PO	Routine Maintenance Work
Dondaicha- Shahada	IntraState	29/05/2018	18.45	29/05/2018	20.04	PO	REPLACEMENT OF R PHASE TOP SIDE WT JUMPER.
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)

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/May/2018

Statement-VII

Position as on 6.30 Hrs of 30/May/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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 100 MVA Transformer 4 @Aarey R/S	IntraState	29/05/2018	11.29	29/05/2018	12.48	PO	PRE MANSOON MAINTENANCE WORK.
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	26/05/2018	16.21		Continued.	HT	HT for O/D.

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