

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/May/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	146.876	4324.425	1) Gujrat	-1.555	-82.977
2) Hydro	3.575	693.692	2) Madhya Pradesh	8.631	445.834
3) Gas	7.027	219.387	3) Chattisgarh	3.740	203.980
Total MSPGCL	157.478	5237.504	4) Maharashtra Net	145.200	3952.986
B) 1) APML	55.516	1447.324	5) Goa (Amona)	-0.022	-8.668
2) JSWEL	27.400	831.251	Total	155.994	4511.155
3) VIPL	10.111	186.110	a) Mumbai Schedule	34.167	890.740
4) RPL(AMT)	19.531	497.285	b) Mumbai Drawl	37.276	965.521
5) WPCL	5.281	130.635	c) MSEDCL Bilateral *	56.052	1429.208
6) PGPL	0.000	0.000	Include PX	17.110	355.936
7) Other IPP	14.057	345.464	d) Mumbai Bilateral *	34.167	889.671
C) 1) TPCL Thermal	16.436	494.632	Include PX	10.562	349.170
2) TPCL Hydro	5.707	155.402	Include Standby	0.000	1.069
3) TPCL Gas	2.645	77.616	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.436	351.865	1) MSEDCL	443.825	13047.243
D) STATE			2) Mumbai Discoms	73.500	2045.024
1) Thermal	306.644	8608.991	TOTAL STATE	517.325	15092.267
(A1+C1+C4+(B1-B6))					
2) Hydro	9.282	849.094			
(A2+C2)					
3) Gas	9.672	297.003			
(A3+B6+C3)					
4) Wind	29.757	647.158			
6) SOLAR	5.976	178.878			
TOTAL STATE	361.331	10581.124			

* 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 22 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6082	6253	6219	6018
MSPGCL Hydro	134	537	153	87
MSPGCL Gas	286	283	298	290
MSPGCL Total Generation	6502	7073	6670	6395
Central Sector Receipt	7232	8049	5978	5735
WIND	896	685	1054	1713
CPP / IPP Thermal	5479	5611	5598	5315
CPP / IPP Gas	0	0	0	0
SOLAR	809	528	0	0
Exchange with Mumbai	-1808	-1811	-1305	-1422
MSEDCL DEMAND MET	19110	20135	17995	17736
Load Shedding	0	0	0	0
MSEDCL DEMAND	19110	20135	17995	17736
TPCL GENERATION	1175	1308	1271	627
R-INFRA GENERATION	495	501	499	376
MUMBAI DEMAND	3478	3620	3075	2425
STATE DEMAND MET	22588	23755	21070	20161
STATE DEMAND	22588	23755	21070	20161
Frequency (Hz)	49.93	49.88	49.84	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 07.58 Hrs	49.71 Hz at 13.40 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 30/May/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	2.98	3.37	158	68
Unit 8	7.46	243.29	350	269
Unit 9	10.10	263.03	482	342
Unit 10	9.22	247.30	407	325
Total	29.76	756.99		
Bhusawal				
Unit 3	0.00	79.04	0	0
Unit 4	11.13	277.60	480	445
Unit 5	10.89	306.36	485	410
Total	22.02	663.00		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.53	144.45	225	174
Unit 7	4.58	142.79	223	176
Unit 8	0.00	130.30	0	0
Total	9.12	417.54		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.13	310.91	471	450
Unit 6	0.00	0.00	0	0
Unit 7	10.77	258.87	459	436
Unit 8	10.82	296.43	460	435
Unit 9	10.85	297.40	468	430
Total	43.57	1163.61		
Paras				
Unit 3	5.94	171.42	253	229
Unit 4	5.97	159.86	250	227
Total	11.90	331.28		
Khaparkheda				
Unit 1	3.27	107.96	155	110
Unit 2	0.10	112.65	95	0
Unit 3	3.46	116.50	158	135
Unit 4	3.31	114.63	150	120
Unit 5	11.54	280.86	500	440
Total	21.68	732.61		
Nasik				
Unit 3	4.39	23.80	194	159
Unit 4	4.43	131.32	195	166
Unit 5	0.00	104.27	0	0
Total	8.82	259.39		
Uran				
All Units	7.03	219.39	300	281
Total	7.03	219.39		
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)	0.19	3.18	22	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.19	3.18		
Koyna				
Stage 1-2	1.51	181.87	165	40
Stage 4	0.40	330.24	211	0
Stage 3	0.00	111.98	0	0
Total	1.91	624.09		
Hydro				
KDPH	0.65	19.09	27	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.	0.24	8.64	77	0
RNGR+BHTSA	0.25	8.04	11	10
BHANDARDRA	0.00	11.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.14	10.62	13	3
GHATGHAR	0.38	8.16	125	0
Total	1.66	69.60		
Wind				
Total	29.76	647.16	0	0
Total	29.76	647.16		
CPP				
APML(Mus)	55.52	1447.32	0	0
JSWEL(Mus)	27.40	831.25	0	0
VIPL(Mus)	10.11	186.11	0	0
RPLAMT(Mus)	19.53	497.28	0	0
WPCL(Mus)	5.28	130.64	0	0
Other(Mus)	14.06	345.46	0	0
Total	131.90	3438.07		
SOLAR				
Total	5.98	178.88	0	0
Total	5.98	178.88		
Tata				
Trombay 5	10.80	325.62	488	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.52	44.30	88	45
Trombay 7B	1.13	33.31	56	37
Trombay 8	5.63	169.01	244	214
TATA Hydro	5.71	155.40	459	0
Total	24.79	727.65		
R-INFRA				
DTPS U-1&2	11.44	351.86	501	376
Total	11.44	351.86		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	146.88	4324.42	MSPGCL Total	157.48	5237.50
			MSPGCL Thml+Gas	153.90	4543.81	Koyna 1,2 & 4 Total	1.91	512.11
			MSPGCL Hydro	3.58	693.69	State Total	361.33	10581.12

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 30/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	6061	82	288	6431	1629	5670	0	0	5908	5771	-1590	17911	0	17911	3036	20947	49.90
2	6027	87	300	6414	1819	5555	0	0	5811	5690	-1363	18115	0	18115	2816	20931	50.00
3	5987	82	300	6369	1749	5353	0	0	5999	5892	-1428	17935	0	17935	2635	20570	49.98
4	5976	82	300	6358	1701	5188	0	0	5558	5832	-1414	17665	0	17665	2512	20177	49.99
5	6018	87	290	6395	1713	5315	0	0	5663	5735	-1422	17736	0	17736	2425	20161	49.98
6	6009	82	300	6391	1625	5412	0	0	6138	6126	-1423	18131	0	18131	2443	20574	49.97
7	5998	82	300	6380	1565	5494	0	52	6494	6149	-1148	18492	0	18492	2402	20894	49.96
8	6074	87	300	6461	1572	5465	0	196	6238	6060	-1193	18561	0	18561	2490	21051	50.05
9	6123	92	288	6503	1493	5353	0	352	6304	6294	-1597	18398	0	18398	2781	21179	50.02
10	6120	95	297	6512	1386	5360	0	563	6484	6495	-1848	18468	0	18468	3145	21613	49.99
11	6094	168	296	6558	1169	5402	0	712	6671	6145	-1826	18160	0	18160	3374	21534	50.03
12	6082	134	286	6502	896	5479	0	809	7215	7232	-1808	19110	0	19110	3478	22588	49.93
13	6076	82	293	6451	740	5538	0	765	7742	7632	-1802	19324	0	19324	3481	22805	49.95
14	6100	81	281	6462	709	5538	0	811	7722	7701	-1739	19482	0	19482	3459	22941	49.89
15	6221	99	281	6601	720	5527	0	673	8039	8236	-1784	19973	0	19973	3582	23555	49.84
16	6253	537	283	7073	685	5611	0	528	7959	8049	-1811	20135	0	20135	3620	23755	49.88
17	6263	417	293	6973	776	5593	0	349	7900	7930	-1727	19894	0	19894	3552	23446	49.89
18	6241	215	286	6742	921	5553	0	141	7350	7494	-1629	19222	0	19222	3410	22632	49.98
19	6246	158	297	6701	1076	5465	0	25	6071	5905	-1594	17578	0	17578	3214	20792	50.00
20	6284	159	297	6740	1089	5580	0	0	5676	5813	-1492	17730	0	17730	3164	20894	49.92
21	6314	139	288	6741	1191	5604	0	0	5621	5729	-1332	17933	0	17933	3111	21044	49.87
22	6219	153	298	6670	1054	5598	0	0	5679	5978	-1305	17995	0	17995	3075	21070	49.84
23	6083	170	286	6539	1241	5622	0	0	5862	6039	-1485	17956	0	17956	3115	21071	49.84
24	6007	205	299	6511	1238	5621	0	0	5899	6067	-1516	17921	0	17921	3180	21101	49.89
MUs	146.88	3.58	7.03	157.48	29.76	131.90	0.00	5.98	156.00	155.99	-37.28	443.83	0.00	443.83	73.50	517.33	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 30/May/2018

Position as on 6.30 Hrs of 31/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	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	Parli Unit 8	250	29/05/2018	11.08		Continued.	Boiler Tube Leakage	
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 30/May/2018

Statement-VII

Position as on 6.30 Hrs of 31/May/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	28/05/2018	18.16	31/05/2018	05.26	HT	Over Voltage
Koradi Bhilai	InterState	30/05/2018	17.41		Continued.	T	Distance Protection
Kharghar-Talegaon(PG)	IntraState	30/05/2018	04.00	30/05/2018	12.26	T	Distance Protection
Parly(MS)- Nanded ckt II	IntraState	30/05/2018	09.31	30/05/2018	17.36	PO	earth wire tightening work.
Alkud-Kolhapur(Talandage)	IntraState	30/05/2018	10.08	30/05/2018	14.45	PO	Quarterly Maintainance Work
Kharghar-Talegaon(PG)	IntraState	30/05/2018	13.21	30/05/2018	16.32	HT	due to sparking on isolator at talegaon end.
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	30/05/2018	19.47	PO	Replacement Of Y PH Unit.
400/220 KV 500 MVA ICT III @ Jejuri	IntraState	30/05/2018	10.11		Continued.	PO	commissioning of 408 main bay
400/220 KV 500MVA ICT-IV @ Babhaleshwar	IntraState	30/05/2018	13.15	30/05/2018	16.10	EO	Attending Hot Spot
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.
Khadka-Bhadli-1	IntraState	30/05/2018	09.21	30/05/2018	11.55	PO	Attending Hot Spot
Parli 3 (Old Gcr)-Osmanabad	IntraState	30/05/2018	09.37	30/05/2018	11.44	EO	Attending Hot Spot
Patoda-Manjarsumba	IntraState	30/05/2018	09.47	30/05/2018	13.27	PO	Quarterly Maintainance Work
Kalwa - Airoli Knowledge Park	IntraState	30/05/2018	10.11	30/05/2018	11.06	T	creek side bus tripped.
Apta - Kalwa	IntraState	30/05/2018	10.11		Continued.	T	earth wire broken affected - 278mw approx.
Kalwa 52B Interconnector CB	IntraState	30/05/2018	10.11	30/05/2018	10.52	T	bus tripped.
Versova Gorai Line	IntraState	30/05/2018	10.56	30/05/2018	15.14	PO	Routine Maintenance Work
Malinagar - Tembhurni	IntraState	30/05/2018	11.50	30/05/2018	18.00	PO	work of erection of coupling capacitor.
Mururd - Tuljapur	IntraState	30/05/2018	12.02	30/05/2018	14.50	PO	Line Maintenance work
Karad(400kv) - Wathar	IntraState	30/05/2018	17.28	30/05/2018	20.20	PO	isolator maintenance 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)
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.
200/132KV 100MVA ICT-1@Butibori	IntraState	30/05/2018	07.20	30/05/2018	09.01	PO	premonsoon maintenance work.

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 30/May/2018

Statement-VII

Position as on 6.30 Hrs of 31/May/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 kV 100MVA ICT-I @ Ghatodi	IntraState	30/05/2018	08.00	30/05/2018	11.23	PO	premonsoon maintenance work.
220/132Kv 200MVA ICT-I @ Chikhali	IntraState	30/05/2018	08.45	30/05/2018	20.25	PO	r,y,b-ph lv side ct replacement.
220/132 kV 100 MVA ICT II @ Butibori	IntraState	30/05/2018	09.05	30/05/2018	10.08	PO	premonsoon maintenance work.
220/100 kV 200 MVA ICT-II @Kalwa	IntraState	30/05/2018	10.11	30/05/2018	10.56	T	creek side bus tripped.
220/22 Kv 50 Mva Cgl Ptr 1 @Kalwa	IntraState	30/05/2018	10.11	30/05/2018	11.07	T	bus tripped.
220/100 Kv 200 Mva Bhel lct 1 @Kalwa	IntraState	30/05/2018	10.11	30/05/2018	10.55	T	creek side bus tripped.
100 KV LINE Outages/Trippings							
Kalwa- Nocil II	IntraState	30/05/2018	10.11	30/05/2018	11.01	T	bus tripped.
Kalwa - Mukand 1	IntraState	30/05/2018	10.11	30/05/2018	11.05	T	bus tripped.
Kalwa - Nocil 1	IntraState	30/05/2018	10.11	30/05/2018	11.00	T	bus tripped.
Kalwa - Vashi 2	IntraState	30/05/2018	10.11	30/05/2018	10.59	T	bus tripped.
Kalwa - Vashi 1	IntraState	30/05/2018	10.11	30/05/2018	10.59	T	bus tripped.

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