

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/May/2018 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	137.371	2619.623	1) Gujrat	-1.433	-63.065
2) Hydro	14.314	508.262	2) Madhya Pradesh	15.877	301.414
3) Gas	7.048	134.612	3) Chattisgarh	7.450	131.650
Total MSPGCL	158.733	3262.497	4) Maharashtra Net	134.353	2372.860
B) 1) APML	50.483	760.191	5) Goa (Amona)	-0.242	-7.084
2) JSWEL	26.677	498.382	Total	156.005	2735.775
3) VIPL	5.068	91.227	a) Mumbai Schedule	30.344	527.289
4) RPL(AMT)	12.795	273.111	b) Mumbai Drawl	35.077	558.639
5) WPCL	4.339	75.558	c) MSEDCL Bilateral *	51.623	798.694
6) PGPL	0.000	0.000	Include PX	18.211	176.081
7) Other IPP	9.655	178.373	d) Mumbai Bilateral *	30.344	527.209
C) 1) TPCL Thermal	16.699	299.672	Include PX	14.039	217.590
2) TPCL Hydro	6.984	92.894	Include Standby	0.000	0.080
3) TPCL Gas	2.019	47.945	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.692	211.014	1) MSEDCL	421.834	7778.034
D) STATE			2) Mumbai Discoms	72.471	1210.150
1) Thermal	274.779	5007.151	TOTAL STATE	494.305	8988.184
(A1+C1+C4+(B1-B6))					
2) Hydro	21.298	601.156			
(A2+C2)					
3) Gas	9.067	182.557			
(A3+B6+C3)					
4) Wind	27.107	350.677			
6) SOLAR	6.049	110.882			
TOTAL STATE	338.300	6252.423			

* 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	5542	5887	5752	5753
MSPGCL Hydro	290	437	992	668
MSPGCL Gas	283	283	299	304
MSPGCL Total Generation	6115	6607	7043	6725
Central Sector Receipt	7744	7686	5318	5747
WIND	1080	924	1217	1386
CPP / IPP Thermal	3994	4857	5088	4295
CPP / IPP Gas	0	0	0	0
SOLAR	821	528	0	0
Exchange with Mumbai	-1827	-1805	-1251	-1042
MSEDCL DEMAND MET	17927	18797	17415	17111
Load Shedding	0	0	0	0
MSEDCL DEMAND	17927	18797	17415	17111
TPCL GENERATION	1172	1267	1238	873
R-INFRA GENERATION	498	498	500	498
MUMBAI DEMAND	3497	3570	2989	2413
STATE DEMAND MET	21424	22367	20404	19524
STATE DEMAND	21424	22367	20404	19524
Frequency (Hz)	49.88	49.84	49.85	49.90

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 06.01 Hrs	49.65 Hz at 22.08 Hrs	49.91	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 18/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	6.87	151.16	320	240
Unit 9	8.20	158.18	364	330
Unit 10	7.69	150.19	360	274
Total	22.75	459.53		
Bhusawal				
Unit 3	0.00	68.64	0	0
Unit 4	0.00	175.78	0	0
Unit 5	10.98	177.96	490	360
Total	10.98	422.39		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.05	92.71	248	167
Unit 7	4.85	92.23	241	173
Unit 8	5.15	84.43	236	174
Total	15.05	269.37		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.11	177.92	470	456
Unit 6	0.00	0.00	0	0
Unit 7	10.18	130.91	440	410
Unit 8	10.36	171.83	445	418
Unit 9	10.56	171.91	454	425
Total	42.20	652.58		
Paras				
Unit 3	5.79	101.78	255	197
Unit 4	5.78	98.45	250	190
Total	11.57	200.23		
Khaparkheda				
Unit 1	3.60	65.66	160	130
Unit 2	4.34	70.04	190	160
Unit 3	4.04	70.96	181	156
Unit 4	3.78	70.21	172	142
Unit 5	10.52	185.10	489	420
Total	26.27	461.98		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.27	77.39	191	153
Unit 5	4.28	76.16	190	160
Total	8.55	153.55		
Uran				
All Units	7.05	134.61	305	282
Total	7.05	134.61		
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)	0.08	1.00	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	1.00		
Koyna				
Stage 1-2	5.48	126.48	505	40
Stage 4	5.00	252.36	875	0
Stage 3	1.97	82.11	228	0
Total	12.45	460.96		
Hydro				
KDPH	0.54	13.59	30	14
VTRNA	0.00	0.00	0	0
TILLARI	0.00	2.63	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	5.06	80	0
RNGR+BHTSA	0.27	4.94	12	11
BHANDARDRA	0.50	8.79	40	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.22	7.00	10	9
GHATGHAR	0.00	5.31	0	0
Total	1.86	47.30		
Wind				
Total	27.11	350.68	0	0
Total	27.11	350.68		
CPP				
APML(Mus)	50.48	760.19	0	0
JSWEL(Mus)	26.68	498.38	0	0
VIPL(Mus)	5.07	91.23	0	0
RPLAMT(Mus)	12.80	273.11	0	0
WPCL(Mus)	4.34	75.56	0	0
Other(Mus)	9.66	178.37	0	0
Total	109.02	1876.84		
SOLAR				
Total	6.05	110.88	0	0
Total	6.05	110.88		
Tata				
Trombay 5	11.03	198.60	488	321
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.10	27.40	46	45
Trombay 7B	0.92	20.54	39	37
Trombay 8	5.67	101.07	243	212
TATA Hydro	6.98	92.89	459	19
Total	25.70	440.51		
R-INFRA				
DTPS U-1&2	11.69	211.01	500	379
Total	11.69	211.01		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	137.37	2619.62	MSPGCL Total	158.73	3262.50
			MSPGCL Thml+Gas	144.42	2754.24	Koyna 1,2 & 4 Total	10.48	378.85
			MSPGCL Hydro	14.31	508.26	State Total	338.30	6252.42

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/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	5715	865	304	6884	1234	4857	0	0	5701	6021	-1451	17545	0	17545	2995	20540	49.92
2	5790	936	292	7018	1333	4802	0	0	5558	5673	-1308	17518	0	17518	2765	20283	49.92
3	5793	500	303	6596	1407	4535	0	0	5746	5821	-1227	17132	0	17132	2568	19700	49.94
4	5802	446	293	6541	1441	4311	0	0	5660	5987	-1025	17255	0	17255	2438	19693	49.92
5	5753	668	304	6725	1386	4295	0	0	5749	5747	-1042	17111	0	17111	2413	19524	49.90
6	5743	399	295	6437	1342	4352	0	0	6420	6559	-1104	17586	0	17586	2428	20014	49.95
7	5751	334	305	6390	1273	4315	0	47	6891	6934	-1014	17945	0	17945	2368	20313	50.01
8	5808	256	295	6359	1201	4249	0	205	6935	6730	-1119	17625	0	17625	2449	20074	50.02
9	5720	186	300	6206	1151	4181	0	396	6789	6809	-1613	17130	0	17130	2735	19865	49.97
10	5743	210	288	6241	1038	4155	0	596	6913	7020	-1867	17183	0	17183	3102	20285	49.96
11	5800	213	297	6310	980	4220	0	745	7286	6805	-1927	17133	0	17133	3382	20515	49.90
12	5542	290	283	6115	1080	3994	0	821	7547	7744	-1827	17927	0	17927	3497	21424	49.88
13	5433	421	282	6136	965	4004	0	839	7869	7874	-1799	18019	0	18019	3488	21507	49.88
14	5511	584	284	6379	950	4020	0	763	7502	7682	-1666	18128	0	18128	3416	21544	49.94
15	5818	746	294	6858	869	4382	0	643	7584	7601	-1770	18583	0	18583	3538	22121	49.86
16	5887	437	283	6607	924	4857	0	528	7671	7686	-1805	18797	0	18797	3570	22367	49.84
17	5699	421	285	6405	1086	4989	0	325	7625	7661	-1763	18703	0	18703	3527	22230	49.87
18	5657	408	296	6361	957	4958	0	127	7057	6897	-1649	17651	0	17651	3409	21060	49.95
19	5719	492	288	6499	1082	4676	0	14	5779	6135	-1448	16958	0	16958	3196	20154	49.99
20	5711	919	299	6929	1242	4745	0	0	5284	5207	-1357	16766	0	16766	3102	19868	49.85
21	5697	871	289	6857	1037	4982	0	0	5219	5371	-1307	16940	0	16940	3054	19994	49.88
22	5752	992	299	7043	1217	5088	0	0	5164	5318	-1251	17415	0	17415	2989	20404	49.85
23	5766	1133	300	7199	851	5075	0	0	5277	5564	-1336	17353	0	17353	2998	20351	49.78
24	5761	1587	290	7638	1061	4975	0	0	5375	5159	-1402	17431	0	17431	3044	20475	49.85
MUs	137.37	14.31	7.05	158.73	27.11	109.02	0.00	6.05	154.60	156.01	-35.08	421.83	0.00	421.83	72.47	494.31	49.91

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 18/May/2018

Position as on 6.30 Hrs of 19/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	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
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.	Thrust Bearing Tripped	
IPP	VIPL U-1	300	01/04/2018	00.26		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	10/04/2018	09.58		Continued.	Boiler Tube Leakage	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	17/04/2018	20.50		Continued.	PA Fan problem (Coal Shortage since 22.04.2018)	
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		Continued.	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	16/05/2018	17.29	19/05/2018	03.29	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 4	500	17/05/2018	23.11		Continued.	Boiler Tube Leakage	
CPP	SWPGL U-4	135	19/05/2018	00.00		Continued.	ID Fan Problem	
MSPGCL	Koyna STG-IV Unit-4	250	19/05/2018	00.35		Continued.	Numerical Protection	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/May/2018

Statement-VII

Position as on 6.30 Hrs of 19/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	17/05/2018	08.23		Continued.	PO	Line Maintenance work
New Koyna - Dabhol-I	IntraState	17/05/2018	17.53	18/05/2018	09.45	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	17/05/2018	19.41	18/05/2018	06.37	HT	Over Voltage
Koradi III(Adani)-Korad II Ckt-I	IntraState	18/05/2018	12.26	18/05/2018	16.06	PO	Testing of Bus and Line CT
Chandrapur-Parali III	IntraState	18/05/2018	18.25	18/05/2018	21.40	EO	To attend Broken Jumper of CVT
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 Kv 315 Mva Ict -2 @New Koyna	IntraState	17/05/2018	15.12	18/05/2018	01.04	EO	Attending Hot Spot
400/220KV 500MVA ICT-II@Tapitanda	IntraState	18/05/2018	10.09	18/05/2018	17.33	PO	Routine 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.
Mudshingi Chikodi	InterState	17/05/2018	16.14	18/05/2018	06.07	T	Distance Protection
Talandage - Chikodi	InterState	17/05/2018	16.15	18/05/2018	14.50	T	Distance Protection
Badnera - Deoli (PG)	InterState	19/05/2018	03.40	19/05/2018	05.00	HT	H/T by WRDLC
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.
Nagothane-Wadkhal II	IntraState	14/05/2018	11.39		Continued.	PO	insulator replacement work.
Sonkhar - Trombay	IntraState	15/05/2018	23.50		Continued.	PO	REPLACEMENT OF HTLS CONDUCTOR.
Nanded-Waghale I	IntraState	18/05/2018	07.52	18/05/2018	11.23	PO	Jumpering work of Top Conductor of Lower CKT on Existing M/C Tower
Pedambe-Pophali	IntraState	18/05/2018	08.05	18/05/2018	11.10	EO	To attend Hot Spot
Padghe - Nalasopara	IntraState	18/05/2018	09.45	18/05/2018	18.51	PO	Pre Monsoon work
Uran - Apta III	IntraState	18/05/2018	10.30	18/05/2018	16.20	PO	Replacement of Earth Wire
Nanded-Waghale II	IntraState	18/05/2018	11.42	18/05/2018	14.54	PO	Jumpering work of Top Conductor of Lower CKT on Existing M/C Tower
Umred-Virangana 1	IntraState	18/05/2018	12.10	18/05/2018	14.08	PO	Measurement of Stackwise IR values of LA
Kandalgaon - Koyna	IntraState	18/05/2018	12.20	18/05/2018	18.35	PO	Insulator String Replacement
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)
220/132 Kv 200MVA ICT II @Dhule	IntraState	18/05/2018	08.20	18/05/2018	13.26	PO	Pre Monsoon Maintenance work
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	18/05/2018	09.32	18/05/2018	14.31	PO	Routine Maintenance Work
220/100 Kv 200 Mva Aval Ict 2 @Taloja	IntraState	18/05/2018	10.10	18/05/2018	18.19	PO	Premonsoon work
132 KV LINE Outages/Trippings							
Deepnagar (Gcr) - Supreme	IntraState	18/05/2018	16.12	18/05/2018	16.22	T	Distance Protection

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