

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 11/Apr/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	142.989	1559.876	1) Gujrat	-0.533	-24.643
2) Hydro	6.289	182.004	2) Madhya Pradesh	20.015	206.551
3) Gas	10.013	108.667	3) Chattisgarh	7.340	75.550
Total MSPGCL	159.291	1850.547	4) Maharashtra Net	138.314	1422.287
B) 1) APML	46.222	482.444	5) Goa (Amona)	-0.198	-5.038
2) JSWEL	17.779	207.481	Total	164.938	1674.707
3) VIPL	5.070	55.929	a) Mumbai Schedule	26.735	264.201
4) RPL(AMT)	22.022	246.773	b) Mumbai Drawl	33.140	309.171
5) WPCL	5.535	56.836	c) MSEDCL Bilateral *	38.631	418.986
6) PGPL	0.000	0.000	Include PX	7.294	87.863
7) Other IPP	11.777	142.212	d) Mumbai Bilateral *	26.735	264.201
C) 1) TPCL Thermal	14.019	168.816	Include PX	7.983	75.336
2) TPCL Hydro	5.148	47.446	Include Standby	0.000	0.000
3) TPCL Gas	4.275	42.681	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.164	123.005	1) MSEDCL	415.544	4582.133
D) STATE			2) Mumbai Discoms	66.746	691.123
1) Thermal	275.577	3043.372	TOTAL STATE	482.290	5273.256
(A1+C1+C4+(B1-B6))					
2) Hydro	11.437	229.450			
(A2+C2)					
3) Gas	14.288	151.348			
(A3+B6+C3)					
4) Wind	10.771	116.764			
6) SOLAR	5.279	57.611			
TOTAL STATE	317.352	3598.545			

* 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 4 Hrs
MSPGCL Thermal	6125	6361	6196	5639
MSPGCL Hydro	631	368	237	123
MSPGCL Gas	287	421	438	456
MSPGCL Total Generation	7043	7150	6871	6218
Central Sector Receipt	7265	8145	6368	6291
WIND	153	402	653	384
CPP / IPP Thermal	4781	4501	4438	4293
CPP / IPP Gas	0	0	0	0
SOLAR	752	407	0	0
Exchange with Mumbai	-1592	-1484	-1456	-1038
MSEDCL DEMAND MET	18402	19121	16874	16148
Load Shedding	0	0	0	0
MSEDCL DEMAND	18402	19121	16874	16148
TPCL GENERATION	1224	1321	1159	679
R-INFRA GENERATION	495	497	375	373
MUMBAI DEMAND	3311	3302	2990	2090
STATE DEMAND MET	21713	22423	19864	18238
STATE DEMAND	21713	22423	19864	18238
Frequency (Hz)	49.94	49.91	49.92	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 18:03 Hrs	49.75 Hz at 00:09 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 11/Apr/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	9.28	100.60	411	347
Unit 9	9.96	104.14	453	351
Unit 10	10.02	103.50	451	350
Total	29.26	308.24		
Bhusawal				
Unit 3	4.37	49.32	200	155
Unit 4	10.99	124.20	500	360
Unit 5	11.08	125.77	500	355
Total	26.44	299.30		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.53	62.04	241	198
Unit 7	5.45	60.39	245	191
Unit 8	4.48	54.12	201	117
Total	15.46	176.56		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	16.49	0	0
Unit 6	0.00	0.00	0	0
Unit 7	10.70	116.84	454	440
Unit 8	5.67	76.33	470	0
Unit 9	11.01	111.37	464	448
Total	27.38	321.02		
Paras				
Unit 3	5.76	61.45	250	195
Unit 4	5.53	28.66	235	210
Total	11.29	90.12		
Khaparkheda				
Unit 1	3.94	32.78	180	150
Unit 2	4.47	49.27	195	160
Unit 3	4.28	31.46	205	160
Unit 4	4.65	53.07	206	160
Unit 5	11.55	107.74	500	425
Total	28.89	274.30		
Nasik				
Unit 3	0.00	41.67	0	0
Unit 4	0.00	0.32	0	0
Unit 5	4.27	48.35	191	150
Total	4.27	90.34		
Uran				
All Units	10.01	108.67	468	287
Total	10.01	108.67		
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)	0.03	1.53	11	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.03	1.53		
Koyna				
Stage 1-2	1.48	44.93	145	40
Stage 4	1.10	63.56	245	0
Stage 3	0.28	23.52	80	0
Total	2.86	132.01		
Hydro				
KDPH	0.86	9.50	36	36
VTRNA	0.36	11.37	61	0
TILLARI	0.30	4.19	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	2.32	40	0
RNGR+BHTSA	0.28	3.06	12	11
BHANDARDRA	0.50	5.31	39	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.42	7.78	18	17
GHATGHAR	0.46	6.46	125	0
Total	3.43	49.99		
Wind				
Total	10.77	116.76	0	0
Total	10.77	116.76		
CPP				
APML(Mus)	46.22	482.44	0	0
JSWEL(Mus)	17.78	207.48	0	0
VIPL(Mus)	5.07	55.93	0	0
RPLAMT(Mus)	22.02	246.77	0	0
WPCL(Mus)	5.54	56.84	0	0
Other(Mus)	11.78	142.21	0	0
Total	108.40	1191.68		
SOLAR				
Total	5.28	57.61	0	0
Total	5.28	57.61		
Tata				
Trombay 5	9.05	112.82	485	304
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.70	26.34	116	100
Trombay 7B	1.58	16.34	67	61
Trombay 8	4.96	56.00	218	199
TATA Hydro	5.15	47.45	459	6
Total	23.44	258.94		
R-INFRA				
DTPS U-1&2	10.16	123.00	498	373
Total	10.16	123.00		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	142.99	1559.88	MSPGCL Total	159.29	1850.55
			MSPGCL Thml+Gas	153.00	1668.54	Koyna 1,2 & 4 Total	2.58	108.49
			MSPGCL Hydro	6.29	182.00	State Total	317.35	3598.54

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/Apr/2018

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	5637	283	452	6372	506	4287	0	0	6154	6519	-1363	16321	0	16321	2592	18913	49.87
2	5661	198	454	6313	485	4279	0	0	5998	6647	-1227	16497	0	16497	2368	18865	49.96
3	5678	125	455	6258	457	4298	0	0	5963	6385	-1141	16257	0	16257	2196	18453	49.96
4	5639	123	456	6218	384	4293	0	0	5914	6291	-1038	16148	0	16148	2090	18238	49.94
5	5637	128	457	6222	264	4502	0	0	5901	6421	-991	16418	0	16418	2045	18463	49.91
6	5816	144	457	6417	352	4737	0	0	5996	6377	-878	17005	0	17005	2101	19106	49.94
7	5850	233	459	6542	330	4739	0	3	6757	7081	-786	17909	0	17909	2184	20093	49.99
8	5851	142	468	6461	362	4721	0	154	6723	7119	-884	17933	0	17933	2320	20253	50.02
9	5909	194	441	6544	348	4558	0	352	6345	6904	-1359	17347	0	17347	2626	19973	49.95
10	5988	404	449	6841	319	4637	0	517	6447	6636	-1677	17273	0	17273	2970	20243	49.96
11	6093	379	317	6789	198	4705	0	674	6646	6962	-1773	17555	0	17555	3217	20772	49.97
12	6125	631	287	7043	153	4781	0	752	7093	7265	-1592	18402	0	18402	3311	21713	49.94
13	6218	358	297	6873	191	4531	0	803	7566	7972	-1528	18842	0	18842	3317	22159	49.92
14	6289	167	317	6773	175	4493	0	685	7493	8086	-1466	18746	0	18746	3232	21978	49.95
15	6290	270	405	6965	237	4483	0	605	7585	8035	-1499	18826	0	18826	3300	22126	49.91
16	6361	368	421	7150	402	4501	0	407	7671	8145	-1484	19121	0	19121	3302	22423	49.91
17	6343	383	413	7139	571	4617	0	225	7476	7817	-1523	18846	0	18846	3248	22094	49.93
18	6375	398	424	7197	653	4664	0	94	6651	6603	-1566	17645	0	17645	3135	20780	49.99
19	6179	200	425	6804	630	4416	0	8	6020	6446	-1646	16658	0	16658	2979	19637	49.97
20	6196	237	438	6871	653	4438	0	0	6065	6368	-1456	16874	0	16874	2990	19864	49.92
21	5910	217	429	6556	781	4435	0	0	5835	6274	-1523	16523	0	16523	2906	19429	49.97
22	5788	196	429	6413	721	4429	0	0	5523	6169	-1568	16164	0	16164	2797	18961	49.96
23	5570	283	431	6284	833	4427	0	0	5510	6186	-1571	16159	0	16159	2767	18926	49.94
24	5586	228	432	6246	766	4434	0	0	5744	6230	-1601	16075	0	16075	2753	18828	50.02
MUs	142.99	6.29	10.01	159.29	10.77	108.40	0.00	5.28	155.08	164.94	-33.14	415.54	0.00	415.54	66.75	482.29	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 11/Apr/2018

Position as on 6.30 Hrs of 12/Apr/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
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	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
IPP	JSW (J) U1	300	20/02/2018	12.06		Continued.	Turbine Vibration high.	
IPP	RPL(AMT) U-3	270	27/02/2018	00.01		Continued.	Coal Shortage	
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 4	210	01/04/2018	02.05		Continued.	due to heavy clinker grinder of bottom ash hopper.	
MSPGCL	Uran Unit 6	108	04/04/2018	03.19		Continued.	inspection work	
MSPGCL	Chandrapur Unit-8	500	07/04/2018	20.39	11/04/2018	09.09	Boiler Tube Leakage	
MSPGCL	Nasik Unit 3	210	10/04/2018	09.58		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	10/04/2018	10.37		Continued.	Air heater problem	
IPP	Adani U-4	660	10/04/2018	13.12		Continued.	Pa dust bellow leakage.	
MSPGCL	Uran Unit 5	108	11/04/2018	10.13	11/04/2018	12.40	Bearing vibration high	
IPP	RPL(AMT) U-5	270	11/04/2018	12.00	11/04/2018	15.16	Tripped DCS Card Faulty.	
CENT.SECTOR	Tarapur 1	160	11/04/2018	21.35		Continued.	Drywell.	
MSPGCL	Parli Unit 8	250	11/04/2018	23.59		Continued.	HEAVY STEAM LEAKAGE AT HP HITTER SIX.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Apr/2018

Statement-VII

Position as on 6.30 Hrs of 12/Apr/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 II	InterState	10/04/2018	18.35	11/04/2018	05.59	HT	Over Voltage
Lamboti - Solapur (PG)	InterState	11/04/2018	02.45	11/04/2018	03.32	T	Distance Protection
Dabhol Nagothane II	InterState	11/04/2018	08.02	11/04/2018	19.43	PO	Cold Line Washing, Insulator Replacement Work, Hill Cutting Work.
Dhule Sar'Sarovar I	InterState	11/04/2018	18.00	12/04/2018	05.51	HT	Over Voltage
Main Bus @ Taptitanda	IntraState	11/04/2018	11.29	11/04/2018	19.51	PO	Alignment Work Of Isolator Main Bus Of ICT-1
Babhaleshwar - Padghe-II	IntraState	11/04/2018	16.38	11/04/2018	17.53	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	11/04/2018	20.45	12/04/2018	05.56	HT	Over Voltage
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 500 Mva Ict-3 @Nagothane	IntraState	11/04/2018	09.40		Continued.	PO	Shifted On TBC
500 MVA ICT I @ Kudus	IntraState	11/04/2018	15.20		Continued.	PO	Rapid Restoration Scheme Checking 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.
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.
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Midc Chandrapur-Gadchandur	IntraState	10/04/2018	21.10	11/04/2018	17.50	T	Distance Protection
Chakan-Chinchwad	IntraState	11/04/2018	01.05	11/04/2018	02.35	EO	To attend Hot Spot
Pedhambe - Oni	IntraState	11/04/2018	09.38	11/04/2018	17.40	PO	Cleaning Of Insulator String
Lamboti - Solapur li(Bale) Ckt- I	IntraState	11/04/2018	10.01	11/04/2018	12.47	PO	Routine Maintenance Work
Mudshingi-Wathar	IntraState	11/04/2018	10.25	11/04/2018	13.43	PO	Routine Maintenance Work
Lamboti - Pandharpur li	IntraState	11/04/2018	10.41	11/04/2018	15.46	PO	Routine Maintenance Work
Balapur-Patur	IntraState	11/04/2018	12.57	11/04/2018	17.13	PO	String Work For New Ckt.
Balapur-Akola I	IntraState	11/04/2018	12.58	11/04/2018	17.12	PO	String Work For New Ckt.
Nashik-Airoli Knowledge Park	IntraState	11/04/2018	16.43	11/04/2018	18.22	HT	Controlling Load Of Line Loading Of Bableshwar-Nashik Load.
Nanded-Ghatodi	IntraState	11/04/2018	21.30	11/04/2018	22.09	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)
220/132 Kv 200 Mva Cgl Ict 1 @Raymond (Nasik 2)	IntraState	11/04/2018	09.02	11/04/2018	14.33	PO	Routine Maintenance Work
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	11/04/2018	14.37	11/04/2018	18.38	PO	Routine Maintenance Work
132 KV LINE Outages/Trippings							
Bageshwari-Parbhani	IntraState	11/04/2018	11.20	11/04/2018	11.34	T	Distance Protection

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