

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	145.141	2538.429	1) Gujrat	-1.887	-43.451
2) Hydro	9.179	306.087	2) Madhya Pradesh	14.551	330.211
3) Gas	10.067	178.607	3) Chattisgarh	6.510	129.360
Total MSPGCL	164.387	3023.123	4) Maharashtra Net	130.184	2322.478
B) 1) APML	55.346	830.341	5) Goa (Amona)	-0.396	-8.118
2) JSWEL	26.111	358.851	Total	148.962	2730.480
3) VIPL	6.150	97.349	a) Mumbai Schedule	30.535	448.734
4) RPL(AMT)	20.886	418.929	b) Mumbai Drawl	37.252	529.758
5) WPCL	5.589	95.540	c) MSEDCL Bilateral *	33.965	677.040
6) PGPL	0.000	0.000	Include PX	-1.143	112.467
7) Other IPP	11.999	228.277	d) Mumbai Bilateral *	29.665	447.864
C) 1) TPCL Thermal	14.903	274.037	Include PX	13.060	146.719
2) TPCL Hydro	5.258	79.068	Include Standby	0.870	0.870
3) TPCL Gas	4.377	73.096	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.660	201.458	1) MSEDCL	419.197	7539.144
D) STATE			2) Mumbai Discoms	72.451	1157.421
1) Thermal	296.785	5043.211	TOTAL STATE	491.648	8696.565
(A1+C1+C4+(B1-B6))					
2) Hydro	14.437	385.155			
(A2+C2)					
3) Gas	14.444	251.703			
(A3+B6+C3)					
4) Wind	10.886	188.712			
6) SOLAR	6.133	97.300			
TOTAL STATE	342.685	5966.081			

* 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	6195	6012	6138	5741
MSPGCL Hydro	389	332	928	178
MSPGCL Gas	414	415	401	430
MSPGCL Total Generation	6998	6759	7467	6349
Central Sector Receipt	6826	7325	5519	5894
WIND	422	597	341	434
CPP / IPP Thermal	5248	5298	5646	4836
CPP / IPP Gas	0	0	0	0
SOLAR	834	519	0	0
Exchange with Mumbai	-1900	-1774	-1483	-1292
MSEDCL DEMAND MET	18428	18724	17490	16221
Load Shedding	0	0	0	0
MSEDCL DEMAND	18428	18724	17490	16221
TPCL GENERATION	1204	1337	1226	711
R-INFRA GENERATION	440	488	464	375
MUMBAI DEMAND	3544	3599	3173	2378
STATE DEMAND MET	21972	22323	20663	18599
STATE DEMAND	21972	22323	20663	18599
Frequency (Hz)	50.00	49.91	49.94	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 18:02 Hrs	49.8 Hz at 23:05 Hrs	49.96	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/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	0.00	128.07	0	0
Unit 9	11.78	179.57	566	383
Unit 10	12.48	180.64	605	400
Total	24.26	488.28		
Bhusawal				
Unit 3	1.82	78.21	190	0
Unit 4	11.20	201.66	480	450
Unit 5	11.47	205.31	495	460
Total	24.50	485.18		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.33	100.30	240	190
Unit 7	5.36	94.55	248	190
Unit 8	4.76	68.71	230	175
Total	15.45	263.56		
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	10.69	191.37	454	430
Unit 8	10.84	151.78	460	437
Unit 9	11.18	181.54	480	437
Total	32.72	541.18		
Paras				
Unit 3	5.77	101.75	250	188
Unit 4	5.70	60.22	245	200
Total	11.47	161.97		
Khaparkheda				
Unit 1	3.57	57.86	165	115
Unit 2	4.44	76.99	190	150
Unit 3	4.44	58.15	200	170
Unit 4	4.62	81.52	200	178
Unit 5	11.22	187.00	500	430
Total	28.29	461.51		
Nasik				
Unit 3	0.00	41.67	0	0
Unit 4	4.19	16.29	185	160
Unit 5	4.27	78.79	194	160
Total	8.46	136.75		
Uran				
All Units	10.07	178.61	438	395
Total	10.07	178.61		
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)	0.00	1.76	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	1.76		
Koyna				
Stage 1-2	2.76	76.42	485	40
Stage 4	1.26	110.68	250	0
Stage 3	1.42	40.86	160	0
Total	5.45	227.96		
Hydro				
KDPH	0.86	15.54	36	36
VTRNA	1.34	18.89	61	0
TILLARI	0.00	6.05	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	4.03	40	0
RNGR+BHTSA	0.30	5.08	13	12
BHANDARDRA	0.50	8.83	39	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.44	10.85	26	15
GHATGHAR	0.00	8.86	0	0
Total	3.73	78.12		
Wind				
Total	10.89	188.71	0	0
Total	10.89	188.71		
CPP				
APML(Mus)	55.35	830.34	0	0
JSWEL(Mus)	26.11	358.85	0	0
VIPL(Mus)	6.15	97.35	0	0
RPLAMT(Mus)	20.89	418.93	0	0
WPCL(Mus)	5.59	95.54	0	0
Other(Mus)	12.00	228.28	0	0
Total	126.08	2029.29		
SOLAR				
Total	6.13	97.30	0	0
Total	6.13	97.30		
Tata				
Trombay 5	9.66	181.11	482	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	45.63	120	101
Trombay 7B	1.60	27.46	68	61
Trombay 8	5.24	92.93	226	206
TATA Hydro	5.26	79.07	448	6
Total	24.54	426.20		
R-INFRA				
DTPS U-1&2	10.66	201.46	501	375
Total	10.66	201.46		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	145.14	2538.43	MSPGCL Total	164.39	3023.12
			MSPGCL Thml+Gas	155.21	2717.04	Koyna 1,2 & 4 Total	4.03	187.10
			MSPGCL Hydro	9.18	306.09	State Total	342.68	5966.08

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 18/Apr/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	5856	344	426	6626	733	4955	0	0	5721	5903	-1803	16414	0	16414	2953	19367	49.96
2	5822	320	438	6580	550	4908	0	0	5739	6002	-1552	16488	0	16488	2695	19183	49.97
3	5812	244	417	6473	503	4891	0	0	5974	5850	-1409	16308	0	16308	2499	18807	49.94
4	5741	178	430	6349	434	4836	0	0	5960	5894	-1292	16221	0	16221	2378	18599	49.97
5	5740	183	429	6352	333	4828	0	0	5973	6019	-1219	16313	0	16313	2309	18622	49.92
6	5961	289	430	6680	260	4957	0	0	6153	6068	-1112	16853	0	16853	2327	19180	49.91
7	6222	190	431	6843	247	5379	0	24	6373	5958	-967	17484	0	17484	2353	19837	50.01
8	6310	182	431	6923	223	5204	0	188	6299	6105	-1133	17510	0	17510	2442	19952	50.00
9	6181	177	436	6794	269	5020	0	408	6387	6311	-1482	17320	0	17320	2765	20085	49.97
10	6162	293	422	6877	413	4893	0	602	6359	6472	-1769	17488	0	17488	3155	20643	49.95
11	6351	419	408	7178	431	5096	0	728	6755	6536	-2020	17949	0	17949	3419	21368	49.98
12	6195	389	414	6998	422	5248	0	834	7040	6826	-1900	18428	0	18428	3544	21972	50.00
13	6183	227	395	6805	445	5249	0	846	7408	7001	-1864	18482	0	18482	3528	22010	50.03
14	6074	187	415	6676	558	5061	0	811	7135	7052	-1761	18397	0	18397	3444	21841	49.97
15	6105	328	405	6838	536	5041	0	693	7316	7247	-1775	18580	0	18580	3552	22132	49.94
16	6012	332	415	6759	597	5298	0	519	7482	7325	-1774	18724	0	18724	3599	22323	49.91
17	6057	233	405	6695	599	5579	0	326	7237	6990	-1783	18406	0	18406	3534	21940	49.95
18	6079	465	419	6963	582	5536	0	144	6522	6517	-1635	18107	0	18107	3364	21471	49.98
19	6094	254	402	6750	437	5474	0	10	6370	6097	-1663	17105	0	17105	3167	20272	49.99
20	6138	928	401	7467	341	5646	0	0	5645	5519	-1483	17490	0	17490	3173	20663	49.94
21	6127	867	424	7418	422	5723	0	0	5296	5088	-1384	17267	0	17267	3090	20357	49.97
22	6099	788	424	7311	474	5759	0	0	5254	5147	-1432	17259	0	17259	3012	20271	49.92
23	6001	652	425	7078	539	5757	0	0	5437	5466	-1500	17340	0	17340	3053	20393	49.91
24	5819	710	425	6954	538	5742	0	0	5507	5569	-1540	17263	0	17263	3095	20358	49.88
MUs	145.14	9.18	10.07	164.39	10.89	126.08	0.00	6.13	151.34	148.96	-37.25	419.20	0.00	419.20	72.45	491.65	49.96

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/Apr/2018

Position as on 6.30 Hrs of 19/Apr/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	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
IPP	RPL(AMT) U-3	270	27/02/2018	00.01	18/04/2018	09.00	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 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	
MSPGCL	Koradi Unit-8	660	15/04/2018	04.15		Continued.	PA Fan problem	
IPP	RPL(AMT) U-4	270	17/04/2018	20.50		Continued.	PA Fan problem	
MSPGCL	Bhusawal Unit 3	210	18/04/2018	10.51	19/04/2018	04.30	Boiler Tube Leakage	

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

Statement-VII

Position as on 6.30 Hrs of 19/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 I	InterState	17/04/2018	18.05	18/04/2018	07.32	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	18/04/2018	18.36		Continued.	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	17/04/2018	06.34	18/04/2018	08.13	PO	Replacement of Insulator String
Solapur - Parli(PG) I	IntraState	17/04/2018	16.53	18/04/2018	22.21	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	17/04/2018	18.08	18/04/2018	11.06	HT	Over Voltage
karad -kolhapur-I	IntraState	17/04/2018	18.14	18/04/2018	08.33	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	18/04/2018	09.15	18/04/2018	19.50	PO	Damaged DISC replacement
Akola II - RPL(Rattanindia) Ckt I	IntraState	18/04/2018	09.48	18/04/2018	20.43	PO	Routine Maintenance Work
Koradi-Khaperkheda I	IntraState	18/04/2018	12.12	18/04/2018	12.46	HT	Heavy Chattering observed at R phase Bus I Isolator
Bhusawal-Aurangabad	IntraState	18/04/2018	21.14	19/04/2018	05.57	HT	Over Voltage
Khadka- Deepnagar Ckt 1	IntraState	19/04/2018	06.30		Continued.	PO	Routine Maintenance Work
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-I @Lonikand 2	IntraState	18/04/2018	16.01	18/04/2018	16.22	T	NDR Operated
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	18/04/2018	16.02	18/04/2018	16.26	T	NDR Operated
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)
Jejuri- Ismt- Lonand	IntraState	17/04/2018	23.54	18/04/2018	01.31	T	B phase PT Burst
chandrapur-Tadali	IntraState	18/04/2018	08.23	18/04/2018	14.18	PO	Repl.of R phase CC
Karad -Mudshingi Ckt- IV	IntraState	18/04/2018	10.17	18/04/2018	12.02	PO	Quarterly Maintainance Work
Parli(U-VIII) GCR CKT	IntraState	18/04/2018	10.33	18/04/2018	13.18	PO	CT Oil Leakage
Malharpeth - Karad(400kv)	IntraState	18/04/2018	13.46	18/04/2018	17.32	PO	LA Replacement work
Padghe - Nalasopara	IntraState	18/04/2018	14.04	18/04/2018	18.16	T	Distance Protection
Kalmeshwar-Pandhurna	IntraState	18/04/2018	14.18	18/04/2018	18.20	PO	Earth Wire Removing Work
Trombay - Mulund	IntraState	19/04/2018	05.26		Continued.	PO	Line 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)
220/132-110/11kv 200MVA ICT 1 @Miraj	IntraState	18/04/2018	09.01	18/04/2018	16.53	PO	Quarterly Maintainance Work
220/33kv 100MVA Transformer 1 @Versova R/S	IntraState	18/04/2018	17.34		Continued.	HT	Buchholz Alarm
220/132 KV 150MVA ICT I @ Boisar	IntraState	18/04/2018	21.52	19/04/2018	00.14	PO	Attending Oil Leakage

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 18/Apr/2018

Statement-VII

Position as on 6.30 Hrs of 19/Apr/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
132 KV LINE Outages/Trippings							
Naldurg - Ujani	IntraState	15/04/2018	15.57		Continued.	T	system requirement.
Pachora-Chalisgaon-2	IntraState	18/04/2018	19.38	18/04/2018	20.09	T	132KV TSS CKT-I CT Burst at pachora end
Pachora-TSS ckt-I	IntraState	18/04/2018	19.38		Continued.	T	132KV TSS CKT-I CT Burst at pachora end
Pachora-Chalisgaon-1	IntraState	18/04/2018	19.38	18/04/2018	20.09	T	132KV TSS CKT-I CT Burst at pachora end