

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Apr/2018 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	145.652	2251.835	1) Gujrat	-3.499	-37.831
2) Hydro	9.225	276.569	2) Madhya Pradesh	18.086	299.390
3) Gas	10.194	158.588	3) Chattisgarh	7.880	115.990
Total MSPGCL	165.071	2686.992	4) Maharashtra Net	129.275	2066.853
B) 1) APML	53.984	721.443	5) Goa (Amona)	-0.704	-7.172
2) JSWEL	25.919	305.755	Total	151.038	2437.230
3) VIPL	6.379	84.331	a) Mumbai Schedule	25.668	391.005
4) RPL(AMT)	24.248	373.914	b) Mumbai Drawl	34.627	457.439
5) WPCL	5.545	84.244	c) MSEDCL Bilateral *	38.718	610.775
6) PGPL	0.000	0.000	Include PX	4.333	116.298
7) Other IPP	12.822	204.500	d) Mumbai Bilateral *	25.668	391.005
C) 1) TPCL Thermal	13.175	243.373	Include PX	10.532	122.183
2) TPCL Hydro	5.615	68.889	Include Standby	0.000	0.000
3) TPCL Gas	4.359	64.352	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.442	179.634	1) MSEDCL	424.348	6694.918
D) STATE			2) Mumbai Discoms	68.218	1013.691
1) Thermal	298.166	4449.029	TOTAL STATE	492.566	7708.609
(A1+C1+C4+(B1-B6))					
2) Hydro	14.840	345.458			
(A2+C2)					
3) Gas	14.553	222.940			
(A3+B6+C3)					
4) Wind	8.277	167.919			
6) SOLAR	5.692	86.029			
TOTAL STATE	341.528	5271.375			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6296	6341	6260	5528
MSPGCL Hydro	467	434	661	185
MSPGCL Gas	417	407	433	442
MSPGCL Total Generation	7180	7182	7354	6155
Central Sector Receipt	7189	7441	5860	5397
WIND	215	218	184	840
CPP / IPP Thermal	5619	5665	5455	4749
CPP / IPP Gas	0	0	0	0
SOLAR	773	644	0	0
Exchange with Mumbai	-1676	-1567	-1551	-1133
MSEDCL DEMAND MET	19300	19584	17302	16009
Load Shedding	0	0	0	0
MSEDCL DEMAND	19300	19584	17302	16009
TPCL GENERATION	1266	1316	1117	617
R-INFRA GENERATION	472	499	375	378
MUMBAI DEMAND	3414	3382	3043	2128
STATE DEMAND MET	22714	22966	20345	18137
STATE DEMAND	22714	22966	20345	18137
Frequency (Hz)	49.93	49.90	49.85	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 13.02 Hrs	49.68 Hz at 22.18 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 16/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	11.65	156.31	531	400
Unit 10	11.90	156.14	550	401
Total	23.56	440.52		
Bhusawal				
Unit 3	4.40	71.96	200	155
Unit 4	10.72	179.36	485	355
Unit 5	11.05	182.62	500	360
Total	26.18	433.92		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.42	89.48	250	190
Unit 7	5.40	88.18	245	184
Unit 8	4.79	58.98	242	63
Total	15.62	236.65		
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	10.61	170.15	450	425
Unit 8	10.88	130.29	465	445
Unit 9	11.09	159.45	471	448
Total	32.58	476.37		
Paras				
Unit 3	5.57	90.24	252	170
Unit 4	5.27	48.88	245	154
Total	10.84	139.12		
Khaparkheda				
Unit 1	3.68	50.61	165	130
Unit 2	4.28	68.12	195	160
Unit 3	4.18	49.66	195	158
Unit 4	4.42	72.19	210	156
Unit 5	11.88	164.94	500	480
Total	28.44	405.52		
Nasik				
Unit 3	0.00	41.67	0	0
Unit 4	4.20	7.85	192	159
Unit 5	4.25	70.21	191	163
Total	8.45	119.73		
Uran				
All Units	10.19	158.59	442	407
Total	10.19	158.59		
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)	0.01	1.74	11	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.01	1.74		
Koyna				
Stage 1-2	3.15	69.18	565	40
Stage 4	1.74	100.37	252	0
Stage 3	1.01	37.22	160	0
Total	5.90	206.77		
Hydro				
KDPH	0.86	13.81	36	35
VTRNA	0.89	16.60	61	0
TILLARI	0.18	6.05	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	3.49	40	0
RNGR+BHTSA	0.30	4.48	13	12
BHANDARDRA	0.51	7.82	22	21
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.44	9.78	26	15
GHATGHAR	0.00	7.78	0	0
Total	3.33	69.80		
Wind				
Total	8.28	167.92	0	0
Total	8.28	167.92		
CPP				
APML(Mus)	53.98	721.44	0	0
JSWEL(Mus)	25.92	305.76	0	0
VIPL(Mus)	6.38	84.33	0	0
RPLAMT(Mus)	24.25	373.91	0	0
WPCL(Mus)	5.54	84.24	0	0
Other(Mus)	12.82	204.50	0	0
Total	128.90	1774.19		
SOLAR				
Total	5.69	86.03	0	0
Total	5.69	86.03		
Tata				
Trombay 5	8.00	160.97	489	166
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	40.08	116	108
Trombay 7B	1.59	24.28	67	64
Trombay 8	5.18	82.40	226	205
TATA Hydro	5.62	68.89	423	34
Total	23.15	376.61		
R-INFRA				
DTPS U-1&2	10.44	179.63	499	375
Total	10.44	179.63		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	145.65	2251.84	MSPGCL Total	165.07	2686.99
			MSPGCL Thml+Gas	155.85	2410.42	Koyna 1,2 & 4 Total	4.89	169.55
			MSPGCL Hydro	9.22	276.57	State Total	341.53	5271.38

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	5313	186	429	5928	1174	4647	0	0	5758	5757	-1446	16060	0	16060	2599	18659	49.93
2	5403	186	431	6020	1027	4650	0	0	5725	5801	-1346	16152	0	16152	2388	18540	49.96
3	5510	220	431	6161	794	4752	0	0	5681	5784	-1246	16245	0	16245	2228	18473	49.96
4	5528	185	442	6155	840	4749	0	0	5607	5397	-1133	16009	0	16009	2128	18137	49.96
5	5572	174	431	6177	557	4745	0	0	6074	5744	-1120	16103	0	16103	2089	18192	49.94
6	5953	135	433	6521	328	5157	0	0	6219	6053	-1065	16994	0	16994	2135	19129	49.98
7	6232	156	434	6822	145	5476	0	20	6567	6274	-1014	17723	0	17723	2185	19908	49.99
8	6259	125	432	6816	176	5561	0	156	6544	6180	-1137	17752	0	17752	2356	20108	50.03
9	6157	180	439	6776	183	5304	0	364	6385	6456	-1487	17597	0	17597	2665	20262	49.96
10	6183	281	424	6888	211	5229	0	561	6408	6564	-1619	17834	0	17834	3045	20879	49.96
11	6299	273	420	6992	223	5481	0	703	6685	6408	-1764	18043	0	18043	3305	21348	49.92
12	6296	467	417	7180	215	5619	0	773	7192	7189	-1676	19300	0	19300	3414	22714	49.93
13	6284	470	407	7161	228	5549	0	780	7507	7293	-1661	19349	0	19349	3406	22755	49.97
14	6332	375	419	7126	210	5572	0	750	7421	7233	-1563	19329	0	19329	3320	22649	50.00
15	6341	434	407	7182	218	5665	0	644	7569	7441	-1567	19584	0	19584	3382	22966	49.90
16	6299	438	409	7146	291	5689	0	500	7824	7463	-1589	19501	0	19501	3399	22900	49.91
17	6226	502	418	7146	228	5729	0	307	7694	7217	-1547	19080	0	19080	3319	22399	49.94
18	6269	1027	422	7718	139	5633	0	124	6738	6339	-1651	18302	0	18302	3181	21483	49.99
19	6174	527	413	7114	222	5377	0	10	6359	6236	-1658	17301	0	17301	3034	20335	49.96
20	6260	661	433	7354	184	5455	0	0	5978	5860	-1551	17302	0	17302	3043	20345	49.85
21	6274	629	425	7328	156	5623	0	0	5683	5708	-1549	17266	0	17266	2929	20195	49.91
22	6275	589	427	7291	209	5750	0	0	5613	5129	-1465	16914	0	16914	2881	19795	49.94
23	6205	560	426	7191	142	5750	0	0	5698	5581	-1402	17262	0	17262	2888	20150	49.85
24	6008	445	425	6878	177	5734	0	0	6075	5926	-1371	17344	0	17344	2899	20243	49.88
MUs	145.65	9.23	10.19	165.07	8.28	128.90	0.00	5.69	155.00	151.04	-34.63	424.35	0.00	424.35	68.22	492.57	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 16/Apr/2018

Position as on 6.30 Hrs of 17/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 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 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		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 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	
MSPGCL	Parli Unit 7	250	16/04/2018	23.49		Continued.	Air heater problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Apr/2018

Statement-VII

Position as on 6.30 Hrs of 17/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	15/04/2018	18.10	16/04/2018	08.33	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	16/04/2018	20.12		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	16/04/2018	10.10	16/04/2018	11.15	EO	Attending Hot Spot
N.Koyna-Karad -Ckt I	IntraState	16/04/2018	15.10	16/04/2018	16.10	T	Distance Protection
Jejuri- Koynastage-IV	IntraState	16/04/2018	16.23	17/04/2018	04.47	T	Insulator String Decapping BPH LOC No. 63 Conductor String Down.
Koradi 2-IEPL	IntraState	16/04/2018	16.29	16/04/2018	19.13	EO	Attending Hot Spot
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	16/04/2018	09.45	16/04/2018	10.23	HT	Shifting on TBC To Main Breaker.
400/220/33 Kv 315 Mva Ict 1 @Dhule	IntraState	16/04/2018	16.09	16/04/2018	23.12	PO	R & Y Phase L.A. Replacement.
400/220kv 315 MVA ICT I @ Kolhapur	IntraState	16/04/2018	19.12	17/04/2018	00.39	EO	Hot Spot In Bushing.
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)
Nadgaonpeth-Amravati	IntraState	16/04/2018	08.36	16/04/2018	17.03	PO	TO REPAIR DAMAGED CONDUCTOR AT LOC NO. 37-38
Kolhapur-Bidri	IntraState	16/04/2018	10.57	16/04/2018	13.20	EO	Attending Hot Spot
Chandrapur GCR - Wani	IntraState	16/04/2018	13.15	16/04/2018	16.38	T	Distance Protection
Sawantwadi-Bidri	IntraState	16/04/2018	14.00	16/04/2018	15.32	EO	Attending Hot Spot
Wardha - Wardha Rly Tss 2	IntraState	16/04/2018	14.02	16/04/2018	15.30	PO	MAINTENANCE WORK AT ISOLATOR.
Waluj - Degaon Rangari	IntraState	16/04/2018	16.30	16/04/2018	19.57	T	Distance Protection
Wardha - Wardharytss1	IntraState	16/04/2018	20.07	16/04/2018	20.50	T	BACKUP PROTECTION OPERATED.
Bableshwar -Ahamadnagar-I	IntraState	17/04/2018	04.11	17/04/2018	04.31	T	Distance Protection
Bableshwar Ahamadnagar-Ii	IntraState	17/04/2018	04.11		Continued.	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)
220/100 Kv 100 Mva Vijai Ict 1 @Jambhul	IntraState	16/04/2018	10.00	16/04/2018	18.45	EO	Oil Top Up.
220/132 Kv 200 Mva ICT-I @Girwali	IntraState	16/04/2018	11.17	16/04/2018	17.16	PO	MEASUREMENT OF TAN DELTA OF ICT BUSHING.
132 KV LINE Outages/Trippings							
Naldurg - Ujani	IntraState	15/04/2018	15.57		Continued.	T	system requirement.

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 16/Apr/2018

Statement-VII

Position as on 6.30 Hrs of 17/Apr/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Deepnagar- Nimbhora	IntraState	16/04/2018	13.34	16/04/2018	13.46	T	Distance Protection