

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Apr/2019 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	145.387	2325.036	1) Gujrat	3.732	20.821
2) Hydro	15.353	295.343	2) Madhya Pradesh	17.760	253.813
3) Gas	6.901	103.649	3) Chattisgarh	3.720	66.290
Total MSPGCL	167.641	2724.028	4) Maharashtra	121.640	1897.211
B) 1) APMIL	67.708	1149.795	5) Goa (Amona)	-0.528	-8.096
2) JSWEL	23.215	376.389	Total	146.324	2230.039
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.627	459.546
4) RPL(AMT)	8.708	198.271	b) Mumbai Drawl	36.422	493.191
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	22.488	261.018
6) Other IPP	13.678	213.811	Include PX	-1.787	-94.641
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.627	459.546
C) 1) TPCL Thermal	12.065	231.320	Include PX	22.212	320.732
2) TPCL Hydro	4.959	59.205	Standby	0.000	0.000
3) TPCL Gas	4.367	66.780	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.794	168.414	1) MSEDCL	409.667	6772.556
D) STATE			2) Mumbai Discoms	68.607	1018.915
1) Thermal	281.555	4663.036	TOTAL STATE	478.274	7791.471
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	20.312	354.548			
3) Gas (A3+B7+C3)	11.268	170.429			
4) Wind	13.641	264.769			
6) SOLAR	5.174	108.645			
TOTAL STATE	331.950	5561.427			

* 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	6269	6425	6035	5961
MSPGCL Hydro	538	806	828	619
MSPGCL Gas	271	284	288	291
MSPGCL Total Generation	7078	7515	7151	6871
Central Sector Receipt	6691	6656	5564	5630
WIND	176	550	1115	334
CPP / IPP Thermal	5316	5271	4652	4056
CPP / IPP Gas	0	0	0	0
SOLAR	762	302	0	0
Exchange with Mumbai	-1841	-1772	-1668	-1064
MSEDCL DEMAND MET	18182	18522	16814	15827
Load Shedding	0	0	0	0
MSEDCL DEMAND	18182	18522	16814	15827
TPCL GENERATION	1053	1107	982	676
AEML GENERATION	493	495	377	492
MUMBAI DEMAND	3387	3374	3027	2232
STATE DEMAND MET	21569	21896	19841	18059
STATE DEMAND	21569	21896	19841	18059
Frequency (Hz)	49.97	50.06	50.07	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 10.59 Hrs	49.72 Hz at 22.13 Hrs	50.01	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/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.86	62.82	185	140
Unit 7	0.00	0.00	0	0
Unit 8	7.70	138.92	340	300
Unit 9	9.19	28.86	460	330
Unit 10	8.03	160.61	380	310
Total	28.79	391.21		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.58	148.86	505	350
Unit 5	10.46	173.70	500	350
Total	21.04	322.56		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	3.81	82.00	242	0
Total	3.81	82.00		
Chandrapur				
Unit 3	4.46	68.22	196	163
Unit 4	4.37	69.47	190	167
Unit 5	9.60	157.34	420	365
Unit 6	0.00	0.00	0	0
Unit 7	10.13	167.48	450	375
Unit 8	10.59	169.01	467	385
Unit 9	10.19	174.11	450	370
Total	49.35	805.64		
Paras				
Unit 3	5.85	93.04	256	191
Unit 4	5.55	91.48	250	194
Total	11.40	184.52		
Khaparkheda				
Unit 1	4.12	58.98	190	150
Unit 2	3.72	48.88	170	130
Unit 3	0.88	59.28	191	0
Unit 4	4.14	67.31	190	160
Unit 5	10.64	172.97	480	379
Total	23.50	407.40		
Nasik				
Unit 3	4.12	16.45	187	161
Unit 4	0.00	53.21	0	0
Unit 5	3.38	62.05	183	0
Total	7.50	131.71		
Uran				
All Units	6.90	103.65	302	271
Total	6.90	103.65		
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)	0.12	1.95	22	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.12	1.95		
Koyna				
Stage 1-2	4.99	91.14	415	40
Stage 4	4.47	107.32	500	0
Stage 3	2.23	43.60	160	0
Total	11.69	242.07		
Hydro				
KDPH	0.86	13.77	36	36
VTRNA	1.08	15.05	60	0
TILLARI	0.53	7.50	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.23	3.03	40	0
RNGR+BHTSA	0.27	4.51	12	11
BHANDARDRA	0.00	0.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.69	6.39	29	28
GHATGHAR	0.00	2.41	0	0
Total	3.66	53.27		
Wind				
Total	13.64	264.77	0	0
Total	13.64	264.77		
CPP				
APML(Mus)	67.71	1149.80	0	0
JSWEL(Mus)	23.22	376.39	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	8.71	198.27	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	13.68	213.81	0	0
Total	113.31	1938.27		
SOLAR				
Total	5.17	108.64	0	0
Total	5.17	108.64		
Tata				
Trombay 5	7.26	149.25	316	288
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	42.20	116	115
Trombay 7B	1.58	24.58	67	65
Trombay 8	4.80	82.07	204	198
TATA Hydro	4.96	59.20	459	0
Total	21.39	357.30		
AEML				
DTPS U-1&2	10.79	168.41	499	374
Total	10.79	168.41		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	145.39	2325.04	MSPGCL Total	167.64	2724.03
			MSPGCL Thml+Gas	152.29	2428.68	Koyna 1,2 & 4 Total	9.46	198.46
			MSPGCL Hydro	15.35	295.34	State Total	331.95	5561.43

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/Apr/2019

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	6168	592	290	7050	276	4586	0	0	6429	6209	-1594	16527	0	16527	2756	19283	50.09
2	6284	345	300	6929	363	4543	0	0	6309	5987	-1367	16455	0	16455	2537	18992	50.05
3	6148	332	290	6770	383	4382	0	0	5961	5968	-1186	16317	0	16317	2353	18670	50.01
4	5961	619	291	6871	334	4056	0	0	5743	5630	-1064	15827	0	15827	2232	18059	50.04
5	6147	318	290	6755	243	4122	0	0	5849	5844	-1002	15962	0	15962	2168	18130	50.05
6	6269	210	302	6781	223	4268	0	0	6107	6210	-1037	16445	0	16445	2203	18648	50.02
7	6113	216	293	6622	313	4696	0	19	6279	6511	-1079	17082	0	17082	2240	19322	50.03
8	6180	176	291	6647	229	4726	0	139	6313	6421	-1203	16959	0	16959	2381	19340	49.93
9	6124	676	288	7088	165	4694	0	313	6168	6189	-1413	17036	0	17036	2690	19726	49.99
10	6109	713	285	7107	172	4789	0	471	6468	6535	-1588	17486	0	17486	3049	20535	49.96
11	6119	481	283	6883	118	5166	0	724	6623	6517	-1838	17570	0	17570	3301	20872	50.07
12	6269	538	271	7078	176	5316	0	762	6731	6691	-1841	18182	0	18182	3387	21569	49.97
13	6316	665	280	7261	258	5271	0	796	6746	6470	-1775	18281	0	18281	3352	21633	49.89
14	6369	666	282	7317	291	5170	0	773	6647	6572	-1769	18354	0	18354	3249	21603	49.97
15	6396	862	283	7541	450	5198	0	555	6688	6525	-1788	18482	0	18482	3323	21804	49.96
16	6425	806	284	7515	550	5271	0	302	6743	6656	-1772	18522	0	18522	3374	21896	50.06
17	6104	674	284	7062	810	4895	0	213	6407	6692	-1702	17970	0	17970	3322	21292	50.01
18	5941	1031	286	7258	1031	4502	0	92	6011	6070	-1625	17328	0	17328	3214	20542	50.02
19	5597	823	287	6707	1093	4511	0	15	5791	5872	-1616	16582	0	16582	3036	19618	49.98
20	6035	828	288	7151	1115	4652	0	0	5502	5564	-1668	16814	0	16814	3027	19841	50.07
21	5708	472	290	6470	1237	4647	0	0	5411	5329	-1629	16054	0	16054	2942	18996	50.02
22	5573	1080	288	6941	1236	4625	0	0	4963	5065	-1578	16289	0	16289	2835	19124	50.02
23	5559	1048	287	6894	1218	4614	0	0	5494	5340	-1618	16448	0	16448	2819	19268	49.91
24	5473	1182	288	6943	1357	4607	0	0	5550	5457	-1670	16694	0	16694	2817	19511	50.00
MUs	145.39	15.35	6.90	167.64	13.64	113.31	0.00	5.17	146.93	146.32	-36.42	409.67	0.00	409.67	68.61	478.27	50.01

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/2019

Position as on 6.30 Hrs of 17/Apr/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 7	250	12/12/2018	00.00		Continued.	Zero Schedule. (From Dt-27/01/2019 Converted Zero sch to AOH) and (from dt-15/02/2019 Converted AOH to Zero sch by MSEDCL)	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit B0	120	08/09/2018	12.19		Continued.	T/F Shifting Work.	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn Due To B0 & U-7	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Zero Schedule.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	RPL(AMT) U-5	270	28/12/2018	19.30		Continued.	Zero Schedule.	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	19/01/2019	18.21		Continued.	Poor Coal Receipt	
MSPGCL	Chandrapur Unit 6	500	20/02/2019	22.07		Continued.	Rotor Earth Fault	
MSPGCL	Nasik Unit 4	210	12/04/2019	21.35		Continued.	R PHASE CT CUBAICAL BURST	
MSPGCL	Nasik Unit 5	210	14/04/2019	07.25	16/04/2019	02.25	Boiler Tube Leakage	
IPP	RPL(AMT) U-1	270	16/04/2019	00.00		Continued.	Zero schedule.	
MSPGCL	Khaparkheda Unit 3	210	16/04/2019	04.40		Continued.	Furnace Pressure High	
MSPGCL	Parli Unit 8	250	16/04/2019	05.51	16/04/2019	08.40	Turbine Tripped.	
MSPGCL	Parli Unit 8	250	16/04/2019	08.54	16/04/2019	10.38	Turbine Protection	
IPP	Adani U-4	660	17/04/2019	00.16		Continued.	APH-A hot PA Bellow leakage	
AEML	AEML Unit 2	250	17/04/2019	00.58		Continued.	Problem in Condenser cooling system	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 16/Apr/2019

Position as on 6.30 Hrs of 17/Apr/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 8	250	17/04/2019	05.17		Continued.	DC supply Failure	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 16/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 17/Apr/2019

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	10/04/2019	17.54		Continued.	HT	Over Voltage
Akola Wardha I	InterState	17/04/2019	00.10		Continued.	HT	Sparking observed on B Phase Wave Trap
Bhusawal-Aurangabad	IntraState	12/04/2019	18.00	16/04/2019	11.20	HT	Over Voltage
Chandrapur-II - Nanded ckt I	IntraState	16/04/2019	11.26		Continued.	PO	Replacement of Polymer String
Koradi-Khaparkhedha I	IntraState	16/04/2019	12.53	16/04/2019	15.57	PO	Removal and refitting of Corona shieldform line side Isolator
Karad-Jaigad - I	IntraState	16/04/2019	15.39		Continued.	T	Tripped on PDR
Khadka-Aurangabad (Waluj)	IntraState	16/04/2019	17.22		Continued.	HT	Over Voltage
Taptitanda Waluj	IntraState	16/04/2019	19.24		Continued.	T	Distance Protection Zone 1
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	26/03/2019	11.02		Continued.	PO	Overhauling work
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 Are Damaged.
400/220kv 315 Mva ICT I @Karad	IntraState	13/04/2019	09.42	16/04/2019	14.00	PO	oltc overhauling work.
400/220/33 Kv 315 MVA ICT II @Chandrapur GCR	IntraState	13/04/2019	12.47	16/04/2019	09.44	PO	COMPLETE OIL FILTRATION.
400/220/33kv, 500 MVA ICT-I @Khaparkhedha	IntraState	16/04/2019	07.55	16/04/2019	12.04	PO	Removal and refitting of Corona shieldform line side Isolator
400/220 Kv 315 MVA ICT -I @New Koyna	IntraState	16/04/2019	08.48	16/04/2019	18.06	PO	CTR Fire Extinguisher system 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.
PARLY (PG) - OSMANABAD	InterState	16/04/2019	10.42	16/04/2019	14.59	EO	To attend Hot Spot
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	For Bunching of Conductor At Loc No.86 Disconnecting of Jumper At Loc No.86 To 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading.
Koradi II - Kawlewada	IntraState	16/04/2019	01.47	17/04/2019	02.06	T	Distance Protection Zone 1
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	16/04/2019	05.58	16/04/2019	06.25	T	Distance protection at Z-1, 5.9KA, 23.6KM.
Trombay - Kalwa	IntraState	16/04/2019	06.35	16/04/2019	08.13	EO	To attend Hot Spot
Kandalgaon - Sona Alloys	IntraState	16/04/2019	08.45	16/04/2019	19.18	PO	Cold line Cleaning of Insulators
Mumewadi -Halkarni I	IntraState	16/04/2019	09.32	16/04/2019	17.03	PO	Replacement of Faulty Disc Insulators
Topworth - Kharghar	IntraState	16/04/2019	11.31	16/04/2019	18.02	PO	Line Maintenance work
Talandage(400kv) - Five Star Midc	IntraState	16/04/2019	12.06	16/04/2019	15.49	EO	To attend problem in CB
Balapur-Akola li	IntraState	16/04/2019	20.46	17/04/2019	01.29	T	Distance Protection Zone 1
Balapur-Akola I	IntraState	16/04/2019	20.46	17/04/2019	01.29	T	Distance Protection Zone 1
Taptitanda- Jalna ckt- I	IntraState	16/04/2019	22.40	17/04/2019	00.01	HT	Chattering sound in CC due to heavy stormy weather
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	17/04/2019	05.03	17/04/2019	05.17	T	Distance Protection Zone 1
220 KV ICT Outages/Trippings							

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/2019

Statement-VII

Position as on 6.30 Hrs of 17/Apr/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Bucchohz Trip.
220/110 Kv 200 MVA ICT-III @Kolhapur-II (Mudshingi)	IntraState	05/04/2019	10.03		Continued.	PO	Quarterly Maintainance Work
220/100 Kv 100 Mva Vijai lct 1 @Jambhul	IntraState	14/04/2019	09.53	16/04/2019	00.03	PO	Replacement of HV CB due to Air leakage problem
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	07/03/2019	15.40		Continued.	HT	Hand trip From Pench end for system requirement.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.