

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Apr/2019 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	154.835	3493.558	1) Gujrat	0.443	21.586
2) Hydro	25.731	489.895	2) Madhya Pradesh	15.624	387.099
3) Gas	6.844	158.913	3) Chattisgarh	4.710	104.420
Total MSPGCL	187.410	4142.366	4) Maharashtra	123.991	2890.395
B) 1) APML	76.564	1648.957	5) Goa (Amona)	-0.594	-11.902
2) JSWEL	20.811	550.809	Total	144.174	3391.598
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.770	693.358
4) RPL(AMT)	3.737	300.346	b) Mumbai Drawl	30.646	753.749
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	19.023	425.143
6) Other IPP	12.086	302.727	Include PX	-1.345	-105.486
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.770	693.358
C) 1) TPCL Thermal	16.296	339.054	Include PX	21.701	490.168
2) TPCL Hydro	4.976	87.431	Standby	0.000	0.000
3) TPCL Gas	4.311	101.071	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.626	241.776	1) MSEDCL	436.458	10148.520
D) STATE			2) Mumbai Discoms	67.855	1523.087
1) Thermal	295.955	6877.227	TOTAL STATE	504.313	11671.607
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	30.707	577.326			
3) Gas (A3+B7+C3)	11.155	259.984			
4) Wind	15.267	396.819			
6) SOLAR	7.055	168.647			
TOTAL STATE	360.139	8280.003			

* 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	6392	6486	6521	5993
MSPGCL Hydro	1448	1892	1666	276
MSPGCL Gas	278	269	283	291
MSPGCL Total Generation	8118	8647	8470	6560
Central Sector Receipt	6521	6513	5927	5554
WIND	278	285	509	1126
CPP / IPP Thermal	4786	4672	4672	4684
CPP / IPP Gas	0	0	0	0
SOLAR	918	618	0	0
Exchange with Mumbai	-1576	-1612	-1268	-1107
MSEDCL DEMAND MET	19045	19123	18310	16817
Load Shedding	0	0	0	0
MSEDCL DEMAND	19045	19123	18310	16817
TPCL GENERATION	1320	1308	1202	679
AEML GENERATION	495	500	500	375
MUMBAI DEMAND	3391	3420	2970	2161
STATE DEMAND MET	22436	22543	21280	18978
STATE DEMAND	22436	22543	21280	18978
Frequency (Hz)	50.00	49.93	49.94	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 17.04 Hrs	49.71 Hz at 22.14 Hrs	49.99	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 24/Apr/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.22	84.06	185	160
Unit 7	0.00	0.00	0	0
Unit 8	9.60	163.80	482	300
Unit 9	10.50	110.70	508	333
Unit 10	10.18	241.42	477	330
Total	34.50	599.98		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.95	236.45	505	450
Unit 5	11.92	261.29	505	420
Total	23.86	497.74		
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	5.81	122.82	249	219
Total	5.81	122.82		
Chandrapur				
Unit 3	4.64	104.65	195	190
Unit 4	4.26	101.66	181	175
Unit 5	9.80	234.96	410	403
Unit 6	0.00	0.00	0	0
Unit 7	10.32	249.21	440	420
Unit 8	11.43	259.33	483	460
Unit 9	11.24	262.67	480	445
Total	51.70	1212.48		
Paras				
Unit 3	6.08	141.02	255	250
Unit 4	5.51	135.94	240	220
Total	11.59	276.96		
Khaparkheda				
Unit 1	0.00	83.04	0	0
Unit 2	2.40	73.95	130	90
Unit 3	3.39	82.51	155	135
Unit 4	3.32	97.05	145	135
Unit 5	8.87	249.20	415	345
Total	17.99	585.75		
Nasik				
Unit 3	0.00	26.10	0	0
Unit 4	4.76	78.22	206	160
Unit 5	4.61	93.49	204	161
Total	9.38	197.82		
Uran				
All Units	6.84	158.91	301	268
Total	6.84	158.91		
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)	0.02	2.22	21	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	2.22		
Koyna				
Stage 1-2	6.32	141.87	520	45
Stage 4	11.73	196.77	936	0
Stage 3	3.66	74.24	268	0
Total	21.71	412.88		
Hydro				
KDPH	0.82	20.51	34	34
VTRNA	0.97	23.32	61	0
TILLARI	0.40	8.14	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.25	4.39	40	0
RNGR+BHTSA	0.27	6.66	12	11
BHANDARDRA	0.00	0.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.48	9.76	21	20
GHATGHAR	0.83	3.62	250	0
Total	4.02	77.02		
Wind				
Total	15.27	396.82	0	0
Total	15.27	396.82		
CPP				
APML(Mus)	76.56	1648.96	0	0
JSWEL(Mus)	20.81	550.81	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	3.74	300.35	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	12.09	302.73	0	0
Total	113.20	2802.84		
SOLAR				
Total	7.06	168.65	0	0
Total	7.06	168.65		
Tata				
Trombay 5	10.89	217.35	477	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.74	63.98	117	93
Trombay 7B	1.57	37.09	67	59
Trombay 8	5.40	121.71	235	198
TATA Hydro	4.98	87.43	435	0
Total	25.58	527.56		
AEML				
DTPS U-1&2	11.63	241.78	501	375
Total	11.63	241.78		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	154.84	3493.56	MSPGCL Total	187.41	4142.37
			MSPGCL Thml+Gas	161.68	3652.47	Koyna 1,2 & 4 Total	18.06	338.64
			MSPGCL Hydro	25.73	489.90	State Total	360.14	8280.00

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/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	6379	121	289	6789	1064	4734	0	0	6223	6224	-1269	17542	0	17542	2657	20199	50.03
2	6358	232	300	6890	1158	4719	0	0	6064	5951	-1102	17616	0	17616	2451	20067	50.07
3	6097	171	289	6557	1198	4684	0	0	5888	5884	-1126	17197	0	17197	2271	19468	50.05
4	5993	276	291	6560	1126	4684	0	0	5655	5554	-1107	16817	0	16817	2161	18978	50.02
5	6190	200	291	6681	1079	4704	0	0	5720	5736	-1059	17141	0	17141	2107	19248	50.01
6	6318	730	301	7349	984	4672	0	0	5656	5681	-839	17847	0	17847	2167	20014	50.00
7	6388	1135	292	7815	948	4790	0	30	5880	5741	-803	18521	0	18521	2195	20716	50.00
8	6532	545	291	7368	798	4776	0	217	5907	5832	-913	18078	0	18078	2331	20409	50.01
9	6576	522	288	7386	697	4821	0	499	6026	5816	-1111	18108	0	18108	2627	20735	50.00
10	6601	876	284	7761	450	4808	0	734	6194	6287	-1317	18723	0	18723	2992	21715	50.01
11	6463	1256	282	8001	346	4799	0	909	6364	6478	-1492	19041	0	19041	3264	22305	50.01
12	6392	1448	278	8118	278	4786	0	918	6476	6521	-1576	19045	0	19045	3391	22436	50.00
13	6429	1506	268	8203	257	4813	0	954	6495	6257	-1569	18915	0	18915	3390	22305	49.98
14	6455	993	277	7725	385	4794	0	861	6409	6240	-1506	18499	0	18499	3306	21805	49.94
15	6434	1958	277	8669	261	4644	0	774	6448	6298	-1568	19078	0	19078	3379	22457	49.91
16	6486	1892	269	8647	285	4672	0	618	6667	6513	-1612	19123	0	19123	3420	22543	49.93
17	6508	1862	281	8651	294	4738	0	381	6417	6345	-1505	18904	0	18904	3317	22221	49.98
18	6673	1550	282	8505	283	4641	0	148	6262	6329	-1427	18479	0	18479	3200	21679	50.05
19	6626	989	285	7900	282	4583	0	12	6096	5933	-1301	17409	0	17409	3036	20445	49.96
20	6521	1666	283	8470	509	4672	0	0	5772	5927	-1268	18310	0	18310	2970	21280	49.94
21	6602	1589	287	8478	510	4706	0	0	5378	5345	-1298	17741	0	17741	2905	20646	50.04
22	6614	1215	285	8114	609	4649	0	0	5581	5545	-1263	17654	0	17654	2809	20463	49.91
23	6602	1494	287	8383	708	4670	0	0	5649	5755	-1270	18246	0	18246	2725	20971	49.89
24	6598	1505	287	8390	758	4639	0	0	5988	5982	-1345	18424	0	18424	2784	21208	49.99
MUs	154.84	25.73	6.84	187.41	15.27	113.20	0.00	7.06	145.21	144.17	-30.65	436.46	0.00	436.46	67.85	504.31	49.99

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 24/Apr/2019

Position as on 6.30 Hrs of 25/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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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	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 3	210	19/04/2019	12.22		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-1	270	20/04/2019	00.01		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	21/04/2019	00.01		Continued.	Zero Schedule.	
CENT.SECTOR	Tarapur 1	160	21/04/2019	13.00		Continued.	Steam Isolation Problem.	
MSPGCL	Khaparkheda Unit 1	210	23/04/2019	20.32		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-2	270	24/04/2019	00.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-3	270	24/04/2019	14.01		Continued.	Furnace Pressure High	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 25/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	23/04/2019	12.37	24/04/2019	11.57	T	Distance Protection Zone-1, R-E, 2.328KA, 137KM, After Patrolling Line Was Kept For RFC Due To High Voltage.
Chandrapur-II - Warora - I	InterState	24/04/2019	07.05	24/04/2019	19.30	PO	Tightening of Conductor, Earthwire Hardware.
Dhule Sar'Sarovar II	InterState	24/04/2019	18.07		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	22/04/2019	09.54	24/04/2019	19.15	PO	Retrofitting Work Of Relay.
Khadka-Aurangabad (Waluj)	IntraState	23/04/2019	17.16	24/04/2019	09.37	HT	Over Voltage
Akola II - Akola I Ckt-I	IntraState	24/04/2019	08.44	24/04/2019	14.28	PO	Restranging Work.
New Koyna - Koyna Stage IV-II	IntraState	24/04/2019	09.09	24/04/2019	18.49	PO	Cold Washing & String Replacement Work.
Main Bus II @ Alkud	IntraState	24/04/2019	11.18	24/04/2019	16.09	PO	Quarterly Maintenance Work
Deepnagar Waluj 1	IntraState	24/04/2019	12.49	24/04/2019	18.53	PO	Chemical Washing of Insulator Disc At Waluj S/S.
Bhusawal-Aurangabad	IntraState	24/04/2019	18.56		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	24/04/2019	19.38		Continued.	PO	Retrofitting Work of Relays.
Deepnagar - Aurangabad	IntraState	24/04/2019	20.50		Continued.	T	Distance Protection, R-Phase, Zone-1, 124KM, Waluj End 2.57KA.
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 500MVA ICT 2@koradi 2	IntraState	24/04/2019	06.57	24/04/2019	14.39	PO	Diagnostic Testing 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.
Nasik Navsari I	InterState	24/04/2019	08.31	24/04/2019	17.45	PO	Maintenance Work. Getco Work.
Solapur (Pg) South Solapur li	InterState	24/04/2019	11.51	24/04/2019	13.39	PO	Quarterly Maintenance Work
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.
Kalwa-Salsette-IV	IntraState	23/04/2019	22.12	24/04/2019	03.14	PO	Replacement of B Phase CVT
Vankuswadi- Ajinkyatara	IntraState	24/04/2019	08.15	24/04/2019	18.55	PO	Cold Line Cleaning of Insulator.
OSMANABAD BARSHI	IntraState	24/04/2019	08.34	24/04/2019	12.45	PO	Line Maintenance work
Sawantwadi-Bidri	IntraState	24/04/2019	09.10	24/04/2019	20.04	PO	Tree Cutting Work.
Parli New Tps - Beed Ckt 2	IntraState	24/04/2019	09.54	24/04/2019	17.48	PO	Dismantalling of Old Towers Due To Railway Crossing.
Parli New Tps - Beed Ckt 1	IntraState	24/04/2019	09.54	24/04/2019	17.50	PO	Dismantalling of Old Towers Due To Railway Crossing.
Mudshingi-Belewadi	IntraState	24/04/2019	10.05	24/04/2019	12.15	PO	Quarterly Maintenance Work
Paranda-Barshi	IntraState	24/04/2019	10.05	24/04/2019	14.00	PO	Tan Delta Measurment of CTs

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 24/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 25/Apr/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Tembhurni - Jeur	IntraState	24/04/2019	10.55	24/04/2019	14.08	PO	Quarterly Maintenance Work
BHUGAON WARORA CKT-II	IntraState	24/04/2019	12.09	24/04/2019	14.26	PO	Relay Testing.
Patoda-Manjarsumba	IntraState	24/04/2019	12.10	24/04/2019	16.39	PO	Relay Testing.
Ranjangaon-Lonikand	IntraState	24/04/2019	12.37	24/04/2019	14.56	T	Distance Protection, C-Phase Ground.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Bucchohz Trip.
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.
Parbhani-Gangakhed	IntraState	24/04/2019	11.45	24/04/2019	12.03	T	Differential protection, P-Z1,B PH,2.68KA,16.32KM, G-Z1,B PH,1.59KA,35.2KM.

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