

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Apr/2021 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	156.097	2095.549	1) Gujrat	0.247	20.706
2) Hydro	9.698	331.064	2) Madhya Pradesh	12.756	215.899
3) Gas	6.839	82.505	3) Chattisgarh	3.720	57.120
Total MSPGCL	172.634	2509.118	4) Maharashtra	146.887	2146.035
B) 1) APML	69.766	878.171	5) Goa (Amona)	-1.252	-17.685
2) JSWEL	10.932	183.005	Total	162.358	2422.075
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.102	336.617
4) RPL(AMT)	26.853	431.027	b) Mumbai Drawl	28.470	331.714
5) SWPGPL	5.445	120.061	c) MSEDCL Bilateral *	38.309	689.013
6) Other IPP	16.839	310.604	Include PX	11.027	270.406
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.102	336.503
C) 1) TPCL Thermal	14.608	216.436	Include PX	6.991	83.366
2) TPCL Hydro	3.574	43.087	Standby	0.000	0.114
3) TPCL Gas	2.696	40.925	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.967	161.743	1) MSEDCL	452.060	6809.537
D) STATE			2) Mumbai Discoms	59.315	793.907
1) Thermal	310.507	4396.596	TOTAL STATE	511.375	7603.444
(A1+C1+C4+(B1-B6))					
2) Hydro	13.272	374.151			
(A2+C2)					
3) Gas	9.535	123.430			
(A3+B7+C3)					
4) Wind	9.344	179.551			
6) SOLAR	6.359	107.639			
TOTAL STATE	349.017	5181.367			

* 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 19 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	6765	6658	6287	5784
MSPGCL Hydro	494	895	266	402
MSPGCL Gas	272	281	275	297
MSPGCL Total Generation	7531	7834	6828	6483
Central Sector Receipt	7896	8264	5953	5540
WIND	144	183	324	1030
CPP / IPP Thermal	5770	5318	4895	4891
CPP / IPP Gas	0	0	0	0
SOLAR	962	592	9	0
Exchange with Mumbai	-1241	-1183	-1173	-1149
MSEDCL DEMAND MET	21062	21008	16836	16795
Load Shedding	0	0	0	0
MSEDCL DEMAND	21062	21008	16836	16795
TPCL GENERATION	948	1073	1016	981
AEML GENERATION	500	501	285	501
MUMBAI DEMAND	2689	2757	2474	2631
STATE DEMAND MET	23751	23765	19310	19426
STATE DEMAND	23751	23765	19310	19426
Frequency (Hz)	49.99	49.86	50.03	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 06.02 Hrs	49.74 Hz at 14.52 Hrs	50	% 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 14/Apr/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.29	12.45	170	120
Unit 7	3.09	28.75	141	118
Unit 8	10.85	150.86	550	371
Unit 9	8.41	128.49	400	310
Unit 10	7.36	62.94	334	300
Total	33.01	383.49		
Bhusawal				
Unit 3	3.36	35.84	190	120
Unit 4	10.94	129.74	475	280
Unit 5	11.06	163.47	500	290
Total	25.36	329.06		
Parli				
Unit 6	5.16	76.47	245	197
Unit 7	4.97	78.91	248	169
Unit 8	5.09	69.54	223	198
Total	15.22	224.92		
Chandrapur				
Unit 3	3.35	16.23	152	115
Unit 4	0.00	0.00	0	0
Unit 5	9.68	133.99	435	276
Unit 6	8.71	129.05	402	274
Unit 7	0.00	0.00	0	0
Unit 8	11.73	163.77	495	480
Unit 9	10.88	153.65	460	440
Total	44.36	596.70		
Paras				
Unit 3	4.76	72.96	240	161
Unit 4	5.43	76.45	253	154
Total	10.19	149.40		
Khaparkheda				
Unit 1	2.67	38.91	120	105
Unit 2	2.78	39.57	130	100
Unit 3	3.44	50.19	165	135
Unit 4	3.30	46.78	158	122
Unit 5	9.12	128.85	440	311
Total	21.30	304.30		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.32	51.72	198	124
Unit 5	3.33	55.97	196	125
Total	6.65	107.68		
Uran				
All Units	6.84	82.50	308	272
Total	6.84	82.50		
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)	0.17	0.76	23	0
Total	0.17	0.76		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.81	73.36	330	40
Stage 4	1.16	114.36	250	0
Stage 3	0.61	40.92	80	0
Total	3.58	228.64		
Hydro				
KDPH	0.86	12.10	36	36
VTRNA	0.73	12.93	60	0
TILLARI	0.46	5.28	58	0
BHIRA T.R.	0.14	2.04	67	0
SMLHY_PTN	3.92	67.43	183	152
GHATGHAR	0.00	2.65	0	0
Total	6.12	102.43		
Wind				
Total	9.34	179.55	0	0
Total	9.34	179.55		
CPP				
APML(Mus)	69.77	878.17	0	0
JSWEL(Mus)	10.93	183.00	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	26.85	431.03	0	0
SWPGPL-Mus	5.44	120.06	0	0
Other(Mus)	16.84	310.60	0	0
Total	129.84	1922.87		
SOLAR				
Total	6.36	107.64	0	0
Total	6.36	107.64		
Tata				
Trombay 5	9.68	142.78	478	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.53	23.93	73	62
Trombay 7B	1.17	17.00	51	48
Trombay 8	4.93	73.66	235	138
TATA Hydro	3.57	43.09	274	0
Total	20.88	300.45		
AEML				
DTPS U-1&2	9.97	161.74	502	285
Total	9.97	161.74		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	156.10	2095.55	MSPGCL Total	172.63	2509.12
			MSPGCL Thml+Gas	162.94	2178.05	Koyna 1,2 & 4 Total	2.97	187.71
			MSPGCL Hydro	9.70	331.06	State Total	349.02	5181.37

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 14/Apr/2021

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	6537	301	296	7134	404	5548	0	0	6386	6370	-1164	18292	0	18292	2602	20894	49.99
2	6530	305	287	7122	468	5509	0	0	6199	5835	-1090	17844	0	17844	2451	20295	49.99
3	6509	284	277	7070	289	5304	0	0	6109	5960	-1027	17596	0	17596	2306	19902	49.94
4	6524	405	307	7236	168	5455	0	0	6046	6234	-1079	18014	0	18014	2100	20114	49.94
5	6543	284	278	7105	108	5730	0	0	6502	6536	-1099	18380	0	18380	2034	20414	50.03
6	6477	239	288	7004	137	5810	0	0	7292	7188	-1160	18979	0	18979	2101	21080	50.02
7	6757	245	308	7310	197	5865	0	30	7751	7366	-957	19811	0	19811	2134	21945	50.07
8	6910	234	277	7421	289	5884	0	185	7389	7247	-927	20099	0	20099	2109	22208	50.02
9	6714	257	297	7268	234	5897	0	489	7618	7340	-1337	19891	0	19891	2228	22119	50.00
10	6867	484	285	7636	234	5858	0	719	7511	7697	-1453	20691	0	20691	2418	23109	49.98
11	7053	554	275	7882	230	5596	0	893	7851	7480	-1396	20685	0	20685	2595	23280	49.98
12	6765	494	272	7531	144	5770	0	962	8354	7896	-1241	21062	0	21062	2689	23751	49.99
13	6698	645	282	7625	113	5644	0	920	8179	7728	-1138	20892	0	20892	2702	23594	50.04
14	6707	657	272	7636	111	5378	0	822	7895	7773	-1115	20605	0	20605	2672	23277	50.01
15	6658	895	281	7834	183	5318	0	592	8166	8264	-1183	21008	0	21008	2757	23765	49.86
16	6730	599	273	7602	331	5656	0	423	8245	7828	-1198	20642	0	20642	2785	23427	50.00
17	6534	364	283	7181	682	5296	0	229	8156	7191	-1265	19314	0	19314	2699	22013	49.99
18	6270	431	274	6975	936	5001	0	86	6514	6060	-1247	17811	0	17811	2576	20387	50.01
19	6287	266	275	6828	324	4895	0	9	6003	5953	-1173	16836	0	16836	2474	19310	50.03
20	6464	311	305	7080	296	4855	0	0	6078	5766	-1223	16774	0	16774	2510	19284	50.01
21	6323	323	277	6923	450	4883	0	0	6089	5375	-1288	16343	0	16343	2533	18876	50.00
22	5842	321	286	6449	906	4892	0	0	6048	5725	-1400	16572	0	16572	2536	19108	50.00
23	5784	402	297	6483	1030	4891	0	0	6121	5540	-1149	16795	0	16795	2631	19426	49.99
24	5614	398	287	6299	1080	4900	0	0	6178	6006	-1161	17124	0	17124	2673	19797	50.00
MUs	156.10	9.70	6.84	172.63	9.34	129.84	0.00	6.36	168.68	162.36	-28.47	452.06	0.00	452.06	59.32	511.38	50.00

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 14/Apr/2021

Position as on 6.30 Hrs of 15/Apr/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Chandrapur Unit 4	210	16/03/2021	08.08		Continued.	Boiler Tube Leakage(converted to Capital overhaul)	
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage. (NO PPA From 20.05.2019)	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal shortage.(NO PPA From 20.05.2019)	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 21-01-2021).	
MSPGCL	Koyana Unit 11	80	19/01/2021	10.05		Continued.	Tripped on stator earth fault (will not be available till dt.18.04.21)	
IPP	JSW (J) U1	300	01/02/2021	18.00		Continued.	Due to turbine vibration high	
MSPGCL	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Earth Fault.	
MSPGCL	Uran Unit 5	108	02/04/2021	23.19		Continued.	Gas shortage	
IPP	JSW (J) U4	300	11/04/2021	03.02		Continued.	NO SCHEDULE.	
MSPGCL	Koyana STG-IV Unit-1	250	12/04/2021	10.10		Continued.	Outage For Turbine Guide Bearing Oil Temperature RTD Sensor Work.	
IPP	SWPGPL U-2	135	13/04/2021	12.15		Continued.	Conveyor Belt Problem.	
MSPGCL	Ghatghar Unit-2	125	14/04/2021	00.00		Continued.	Maintenance work	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 15/Apr/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Ektuni - Akola II Ckt I	IntraState	06/04/2021	06.46		Continued.	PO	Nagpur-Mumbai Express Highway Work.
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	07/04/2021	13.27	14/04/2021	01.30	EO	H/T at Padghe end
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
Koradi Satpur	InterState	14/04/2021	15.18	14/04/2021	16.25	T	Distance Protection
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	18/03/2021	15.48		Continued.	EO	Attending Hot Spot
New Koyna -Koyna Stage IV-I	IntraState	14/04/2021	09.13	14/04/2021	18.46	PO	Bus Conductor replacement work
Akola - Bhusawal	IntraState	14/04/2021	15.13	14/04/2021	16.58	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement of existing 315 MVA ICT by 3*167 MVA ICT.
400/220 KV 500MVA ICT-IV @ Babhaleshwar	IntraState	13/04/2021	23.45	14/04/2021	18.29	EO	To attend Hot Spot
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	14/04/2021	14.52	14/04/2021	17.07	PO	Hot Line washing work of ICT Bay
400/220/33 Kv 315 Mva ICT I @ Akola (M)	IntraState	15/04/2021	00.47	15/04/2021	04.12	T	Buccholz Protection Optd
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
Solapur(PG)- Jeur	InterState	14/04/2021	12.11	14/04/2021	19.53	PO	Quarterly Maintenance Work
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	25/03/2021	10.28		Continued.	PO	Railway crossing tower erection work
Hinganghat - Bhugaon	IntraState	09/04/2021	13.49		Continued.	PO	Work of diversion from LOC 226 to 235 of 220KV wardha-warora & bhugaon hinganghat D/C line being carried out by VIDC under supervision of MSETCL.
Warora - Wardha	IntraState	09/04/2021	14.03		Continued.	PO	Work of diversion from LOC 226 to 235 of 220KV Wardha-Warora & Bhugaon-Hinganghat
Kharghar-Borivali ckt I	IntraState	12/04/2021	18.44		Continued.	T	Distance Protection
Kanhan-Bhandara I	IntraState	13/04/2021	12.19	14/04/2021	00.47	EO	To attend Hot Spot
Virur - Gadchiroli	IntraState	14/04/2021	09.27	14/04/2021	09.54	T	Distance Protection
Chandrapur(MIDC)-Ballarshah II	IntraState	14/04/2021	09.58	14/04/2021	15.10	PO	Tightening suspension clamp Nut Bolts of Pilot String
Vita - Ghatnandre	IntraState	14/04/2021	11.00	14/04/2021	13.51	PO	To attend CT leakage
Trombay Dharavi 5	IntraState	14/04/2021	11.47	14/04/2021	19.53	PO	For ARR commissioning work
Trombay - Mulund	IntraState	14/04/2021	12.40	14/04/2021	20.57	PO	For Safety purpose for dismantling of existing Tower
KORADI 2 - KAULEWADA CKT - II	IntraState	14/04/2021	13.40	14/04/2021	15.25	PO	To attend Hot Spot
Wardha-Yeotmal	IntraState	14/04/2021	19.25	14/04/2021	21.05	T	Distance Protection
220 KV JALKOT - NANDED (KUMBHARGAON) CKT - 1	IntraState	14/04/2021	19.28	14/04/2021	22.22	T	Distance Protection
Karad - Kadegaon	IntraState	14/04/2021	21.05	14/04/2021	22.56	EO	Removing of Plastic paper trapped on conductor
Karad - Kadegaon	IntraState	14/04/2021	22.59		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Ict 1 @South Solapur (Kumbhari)	IntraState	14/04/2021	11.20	14/04/2021	14.20	PO	Quarterly Maintenance Work
220/132 Kv 200 Mva Bbl Ict 2	IntraState	14/04/2021	20.35	14/04/2021	20.53	T	HV and LV Backup Protection

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 14/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 15/Apr/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Waghala Nanded							
220/132 kV 200 MVA ICT- I @ Nanded	IntraState	14/04/2021	20.35	14/04/2021	20.50	T	HV and LV Backup Protection
220/132kV 200MVA ICT-III @ Nanded	IntraState	14/04/2021	20.35	14/04/2021	20.55	T	HV and LV Backup Protection