

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/May/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	118.253	1889.414	1) Gujrat	-5.665	-34.358
2) Hydro	24.742	361.957	2) Madhya Pradesh	8.701	170.585
3) Gas	9.365	143.548	3) Chattisgarh	6.450	85.900
Total MSPGCL	152.360	2394.919	4) Maharashtra	139.903	2074.623
B) 1) APML	43.673	1011.243	5) Goa (Amona)	-1.774	-27.372
2) JSWEL	18.373	274.827	Total	147.615	2269.378
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.680	367.800
4) RPL(AMT)	31.349	458.616	b) Mumbai Drawl	25.504	341.348
5) SWPGPL	2.848	100.905	c) MSEDCL Bilateral *	34.330	537.669
6) Other IPP	11.801	208.565	Include PX	8.192	76.866
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.680	367.800
C) 1) TPCL Thermal	13.463	224.411	Include PX	12.308	149.861
2) TPCL Hydro	3.144	61.154	Standby	0.000	0.000
3) TPCL Gas	4.320	64.203	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.709	165.483	1) MSEDCL	422.847	6692.974
D) STATE			2) Mumbai Discoms	56.140	856.600
1) Thermal	249.469	4333.464	TOTAL STATE	478.987	7549.574
(A1+C1+C4+(B1-B6))					
2) Hydro	27.886	423.111			
(A2+C2)					
3) Gas	13.685	207.751			
(A3+B7+C3)					
4) Wind	33.747	206.523			
6) SOLAR	6.585	109.346			
TOTAL STATE	331.372	5280.195			

* 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 24 Hrs
MSPGCL Thermal	5137	4833	4765	4404
MSPGCL Hydro	556	915	920	475
MSPGCL Gas	404	376	365	335
MSPGCL Total Generation	6097	6124	6050	5214
Central Sector Receipt	6798	7212	6041	5350
WIND	1592	1799	1696	2066
CPP / IPP Thermal	4481	4453	4403	3963
CPP / IPP Gas	0	0	0	0
SOLAR	867	493	0	0
Exchange with Mumbai	-1221	-1529	-1379	-1306
MSEDCL DEMAND MET	18614	18552	16811	15287
Load Shedding	0	0	0	0
MSEDCL DEMAND	18614	18552	16811	15287
TPCL GENERATION	743	728	827	846
AEML GENERATION	314	286	286	501
MUMBAI DEMAND	2278	2543	2492	2653
STATE DEMAND MET	20892	21095	19303	17940
STATE DEMAND	20892	21095	19303	17940
Frequency (Hz)	49.94	50.01	49.96	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 18.01 Hrs	49.71 Hz at 13.46 Hrs	50	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 15/May/2021

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	11.66	177.13	561	357
Unit 9	11.28	98.48	575	360
Unit 10	10.26	156.47	510	331
Total	33.21	432.08		
Bhusawal				
Unit 3	0.00	13.68	0	0
Unit 4	0.00	145.85	0	0
Unit 5	10.95	172.30	500	295
Total	10.95	331.83		
Parli				
Unit 6	0.00	17.62	0	0
Unit 7	0.00	24.02	0	0
Unit 8	0.00	26.80	0	0
Total	0.00	68.44		
Chandrapur				
Unit 3	3.48	36.47	160	120
Unit 4	0.00	0.00	0	0
Unit 5	9.99	92.94	425	410
Unit 6	9.58	142.76	415	320
Unit 7	0.00	0.00	0	0
Unit 8	7.02	118.00	350	275
Unit 9	7.00	116.03	357	275
Total	37.08	506.20		
Paras				
Unit 3	5.17	72.42	236	160
Unit 4	2.96	80.20	250	0
Total	8.14	152.62		
Khaparkheda				
Unit 1	2.48	38.67	120	90
Unit 2	0.00	0.00	0	0
Unit 3	4.18	58.14	185	140
Unit 4	3.95	41.61	182	135
Unit 5	10.58	130.79	500	375
Total	21.19	269.20		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.82	64.58	194	125
Unit 5	3.87	64.46	196	124
Total	7.69	129.04		
Uran				
All Units	9.36	143.55	434	326
Total	9.36	143.55		
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)	0.34	2.98	25	0
Total	0.34	2.98		
Koyana				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.97	74.52	470	40
Stage 4	9.83	135.28	1005	0
Stage 3	3.52	46.53	240	80
Total	18.32	256.33		
Hydro				
KDPH	0.72	11.53	30	30
VTRNA	0.91	13.54	59	0
TILLARI	0.52	7.34	58	0
BHIRA T.R.	0.13	3.35	80	0
SMLHY_PTN	4.14	66.43	188	146
GHATGHAR	0.00	3.43	0	0
Total	6.42	105.63		
Wind				
Total	33.75	206.52	0	0
Total	33.75	206.52		
CPP				
APML(Mus)	43.67	1011.24	0	0
JSWEL(Mus)	18.37	274.83	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.35	458.62	0	0
SWPGPL-Mus	2.85	100.90	0	0
Other(Mus)	11.80	208.56	0	0
Total	108.04	2054.16		
SOLAR				
Total	6.58	109.35	0	0
Total	6.58	109.35		
Tata				
Trombay 5	9.01	148.87	482	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.74	40.85	117	110
Trombay 7B	1.58	23.36	66	65
Trombay 8	4.46	75.54	230	135
TATA Hydro	3.14	61.15	343	0
Total	20.93	349.77		
AEMIL				
DTPS U-1&2	9.71	165.48	503	284
Total	9.71	165.48		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	118.25	1889.41	MSPGCL Total	152.36	2394.92
			MSPGCL Thml+Gas	127.62	2032.96	Koyna 1,2 & 4 Total	14.80	209.80
			MSPGCL Hydro	24.74	361.96	State Total	331.37	5280.20

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/May/2021

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	5004	1718	412	7134	739	4729	0	0	6553	6164	-976	17790	0	17790	2562	20352	49.94
2	4990	1713	423	7126	812	4761	0	0	6291	5996	-831	17864	0	17864	2382	20246	50.02
3	4906	1674	413	6993	870	4753	0	0	6009	5634	-752	17498	0	17498	2242	19740	50.01
4	4885	1653	414	6952	891	4708	0	0	5924	5501	-741	17311	0	17311	2143	19454	50.00
5	4891	1753	434	7078	893	4745	0	0	5950	5813	-689	17840	0	17840	2085	19925	50.00
6	4948	1468	414	6830	854	4703	0	0	6901	6697	-699	18385	0	18385	2091	20476	50.04
7	5011	1356	414	6781	766	4671	0	62	7418	7122	-640	18762	0	18762	2018	20780	50.03
8	5197	1318	425	6940	883	4570	0	257	6912	6626	-643	18633	0	18633	2027	20660	50.03
9	5262	1146	412	6820	1022	4578	0	464	6517	6019	-630	18273	0	18273	2107	20380	49.99
10	5300	725	402	6427	1195	4578	0	693	6561	6373	-783	18483	0	18483	2223	20706	50.03
11	5290	512	410	6212	1353	4534	0	825	6791	6170	-870	18224	0	18224	2283	20507	50.04
12	5137	556	404	6097	1592	4481	0	867	7126	6798	-1221	18614	0	18614	2278	20892	49.94
13	4788	865	392	6045	1717	4432	0	904	6733	6540	-1356	18282	0	18282	2338	20620	49.96
14	4788	883	377	6048	1908	4453	0	844	6480	6423	-1357	18319	0	18319	2330	20649	49.93
15	4834	1010	356	6200	1899	4444	0	663	6786	6836	-1436	18606	0	18606	2443	21049	49.92
16	4833	915	376	6124	1799	4453	0	493	7136	7212	-1529	18552	0	18552	2543	21095	50.01
17	4946	816	380	6142	1579	4463	0	349	6567	6705	-1459	17779	0	17779	2515	20294	50.02
18	4952	1156	379	6487	1784	4402	0	142	5769	5801	-1311	17305	0	17305	2405	19710	50.00
19	4880	470	374	5724	1937	4390	0	22	5508	5478	-1260	16291	0	16291	2366	18657	50.03
20	4765	920	365	6050	1696	4403	0	0	5561	6041	-1379	16811	0	16811	2492	19303	49.96
21	4987	680	375	6042	1656	4498	0	0	5604	4975	-1097	16074	0	16074	2525	18599	49.98
22	4758	375	353	5486	1860	4329	0	0	6031	5443	-1247	15871	0	15871	2517	18388	50.01
23	4497	585	326	5408	1976	4003	0	0	5962	5898	-1292	15993	0	15993	2572	18565	49.98
24	4404	475	335	5214	2066	3963	0	0	5975	5350	-1306	15287	0	15287	2653	17940	50.01
MUs	118.25	24.74	9.36	152.36	33.75	108.04	0.00	6.58	153.07	147.62	-25.50	422.85	0.00	422.85	56.14	478.99	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 15/May/2021

Position as on 6.30 Hrs of 16/May/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)	
MSPGCL	Koyna Unit 6	80	22/04/2021	12.00		Continued.	UGC Oil Cooler Leakage.(Converted to Capital Overhaul from 08.00Hrs DT.23-4-2021)	21/06/2021
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
PGPL	PGPL U2	126	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	Koyna Unit 11	80	19/01/2021	10.05		Continued.	Tripped on stator earth fault (will not be available till dt.24.05.21)	
MSPGCL	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Earth Fault.	
IPP	JSW (J) U4	300	11/04/2021	03.02		Continued.	NO SCHEDULE.	
MSPGCL	Khaparkheda Unit 2	210	15/04/2021	16.54		Continued.	Critical coal stock position	
MSPGCL	Koradi Unit 6	210	27/04/2021	19.59		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	04/05/2021	20.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 6	250	04/05/2021	20.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	05/05/2021	19.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	06/05/2021	19.45		Continued.	Zero Schedule	
IPP	SWPGPL U-3	135	11/05/2021	18.00	15/05/2021	20.35	Zero schedule	
IPP	SWPGPL U-4	135	11/05/2021	18.30	15/05/2021	23.55	Zero schedule	
IPP	Adani U-2	660	12/05/2021	22.35	16/05/2021	04.35	Air Preheater Bellow Leakage.	
MSPGCL	Bhusawal Unit 4	500	13/05/2021	17.11	16/05/2021	01.34	Boiler Tube Leakage	
IPP	Adani U-3	660	14/05/2021	17.29		Continued.	Low furnace pressure	
MSPGCL	Paras Unit 4	250	15/05/2021	12.36		Continued.	Coal mill problem.	
IPP	Adani U-4	660	16/05/2021	10.01		Continued.	Zero Schedule.	
MSPGCL	Paras Unit 3	250	16/05/2021	16.18	16/05/2021	19.15	Furnace Pressure High	
IPP	Adani U-1	660	16/05/2021	17.57		Continued.	Zero Schedule By MSEDCL.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/May/2021

Statement-VII

Position as on 6.30 Hrs of 16/May/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							
Koradi-III - Akola-II ckt-I	IntraState	16/05/2021	14.05	16/05/2021	15.34	T	Distance Protection
Koradi III - Akola II- ckt-II	IntraState	16/05/2021	14.05	16/05/2021	14.41	T	Distance Protection
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	13/05/2021	20.45		Continued.	HT	Over Voltage(RFC 16.00)
Dabhol Nagothane I	InterState	16/05/2021	18.12		Continued.	T	Distance Protection, Z-2, Y-PH, 3.785KA,132.4KM From NAGOTHANE.
Babhleshwar - RIPL(Nashik)	IntraState	18/03/2021	15.48		Continued.	PO	Hot spot attending.
Khadka-Aurangabad (Waluj)	IntraState	14/05/2021	20.00	15/05/2021	06.25	HT	Over Voltage
Akola - Bhusawal	IntraState	15/05/2021	08.35	15/05/2021	13.20	PO	Work of strings replacement detected faulty in PID testing are to be replaced by availing outage 400 kV Akola- Khadka (Bhusawal) line.
Padghe - Kalwa- I	IntraState	16/05/2021	06.18	16/05/2021	09.07	EO	Replacement of decapped insulator string at Loc.No.1041 B-ph
karad -kolhapur-I	IntraState	16/05/2021	17.39		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	16/05/2021	18.11		Continued.	HT	Over Voltage
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.
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	15/05/2021	20.45	16/05/2021	00.35	HT	Hot spot on HVCT R phases.
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	15/05/2021	23.52	16/05/2021	01.52	T	Trip on NDR.
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	16/05/2021	00.10	16/05/2021	02.48	EO	Sparking At LV Side B-PH Isolator.
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	16/05/2021	02.10	16/05/2021	02.48	HT	Sparking on LV B-isloetor.
400/220/33 Kv 500 MVA ICT-III @Parali (Girwali)	IntraState	16/05/2021	16.02		Continued.	T	Tripped on NDR.
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)
Mahalakshmi Amona	InterState	16/05/2021	04.33	16/05/2021	07.35	HT	Over Voltage
Mahalakshmi Amona	InterState	16/05/2021	04.48	16/05/2021	07.35	T	Over Voltage
Mahalakshmi Amona	InterState	16/05/2021	16.20	16/05/2021	20.22	T	Over Voltage
Tillari Amona	InterState	16/05/2021	18.00	16/05/2021	19.29	T	Over Voltage
Nagothane - Ipcl	IntraState	15/05/2021	02.49	15/05/2021	12.32	T	Distance Protection
Cable Borivli Aarey 1	IntraState	15/05/2021	09.06	15/05/2021	17.58	PO	Attending OFC/DTS unhealthy core rectification along the Cable route.
Cable Borivli Aarey 2	IntraState	15/05/2021	09.29	15/05/2021	18.05	PO	Attending OFC/DTS unhealthy core rectification along the Cable route.
Bombay Dyeing - Sahara	IntraState	15/05/2021	11.30	15/05/2021	14.20	PO	Cold line Chemical cleaning of disc insulator from LILO Loc no. 6 to 22. Jumper nut bolt tightening & routine maintenance work.
Kharepatan -Pawas Line	IntraState	15/05/2021	15.37	15/05/2021	17.25	T	Heavy lightening rain.
Niwali - Pawas Line	IntraState	15/05/2021	15.37	15/05/2021	23.45	T	Heavy lightening rain.
Nagothane - Ipcl	IntraState	16/05/2021	02.20	16/05/2021	10.30	T	Distance 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 15/May/2021

Statement-VII

Position as on 6.30 Hrs of 16/May/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Karad - Vita Ckt- I	IntraState	16/05/2021	14.59	16/05/2021	17.21	HT	HT Due To Sparking On B-PH CT At VITA End.
Parli(U-VIII) GCR CKT	IntraState	16/05/2021	15.41		Continued.	T	R PH LA Burst.
Pedambe-Pophali	IntraState	16/05/2021	16.00	16/05/2021	16.45	T	BUS BAR Operated At PEDAMBE.
Pophali - Pedambe II	IntraState	16/05/2021	16.00	16/05/2021	17.15	T	BUS BAR Operated At PEDAMBE.
Pedambe-Nerle	IntraState	16/05/2021	16.00	16/05/2021	17.20	T	BUS BAR Operated At PEDAMBE.
New Koyana - Pedambe	IntraState	16/05/2021	16.00	16/05/2021	16.33	T	BUS BAR Operated At PEDAMBE.
Mahad - Pedambe	IntraState	16/05/2021	16.00	16/05/2021	16.57	T	BUS BAR Operated At PEDAMBE.
Adlabs - Pedambe	IntraState	16/05/2021	16.00		Continued.	T	BUS BAR Operated At PEDAMBE.
Pedhambe - Oni	IntraState	16/05/2021	16.00	16/05/2021	17.25	T	BUS BAR Operated At PEDAMBE.
220 KV ICT Outages/Trippings							
220/22 Kv 50 Mva Emco Ptr 2 @Colourchem	IntraState	15/05/2021	12.05		Continued.	T	Trip on differential protection.
220/132 Kv 100 Mva Ict 1 @Tuljapur	IntraState	15/05/2021	22.30	16/05/2021	18.25	T	Differential protection
220/22 Kv 50 Mva Cgl Ptr 3 @Nalasopara	IntraState	16/05/2021	07.35	16/05/2021	08.25	EO	Pre-monsoon Plastic wrapping in view of forecasted cyclone.
220/22kV 100MVA T/F-I @ Nalasopara	IntraState	16/05/2021	09.20	16/05/2021	10.40	EO	Plastic wrapping in view of forecasted cyclone.
220/132 Kv 200 Mva Bbl Ict 4 @Padegaon	IntraState	16/05/2021	14.30	16/05/2021	22.06	T	Differential protection

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