

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Jun/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	90.707	1295.652	1) Gujrat	7.940	46.271
2) Hydro	14.540	162.731	2) Madhya Pradesh	4.961	84.913
3) Gas	7.051	93.331	3) Chattisgarh	5.810	68.090
Total MSPGCL	112.298	1551.714	4) Maharashtra	131.643	1699.135
B) 1) APLM	30.816	365.631	5) Goa (Amona)	-1.630	-16.438
2) JSWEL	20.952	239.338	Total	148.724	1881.971
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.536	341.312
4) RPL(AMT)	26.624	310.677	b) Mumbai Drawl	22.731	305.136
5) SWPGPL	2.869	69.969	c) MSEDCL Bilateral *	37.464	460.167
6) Other IPP	7.443	99.162	Include PX	8.842	93.476
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.536	341.273
C) 1) TPCL Thermal	12.170	162.153	Include PX	10.633	183.115
2) TPCL Hydro	2.698	49.795	Standby	0.000	0.039
3) TPCL Gas	4.061	50.639	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.953	64.866	1) MSEDCL	375.535	4611.748
D) STATE			2) Mumbai Discoms	46.613	632.589
1) Thermal	196.534	2607.448	TOTAL STATE	422.148	5244.337
(A1+C1+C4+(B1-B6))					
2) Hydro	17.238	212.526			
(A2+C2)					
3) Gas	11.112	143.970			
(A3+B7+C3)					
4) Wind	41.757	319.619			
6) SOLAR	6.783	78.803			
TOTAL STATE	273.424	3362.366			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3801	3652	3778	3611
MSPGCL Hydro	592	956	1176	327
MSPGCL Gas	367	236	225	371
MSPGCL Total Generation	4760	4844	5179	4309
Central Sector Receipt	6787	6893	6073	5472
WIND	1774	1689	1852	1692
CPP / IPP Thermal	3741	3387	3962	3194
CPP / IPP Gas	0	0	0	0
SOLAR	732	833	0	0
Exchange with Mumbai	-890	-1105	-920	-870
MSEDCL DEMAND MET	16904	16541	16146	13797
Load Shedding	0	0	0	0
MSEDCL DEMAND	16904	16541	16146	13797
TPCL GENERATION	994	873	962	543
AEML GENERATION	250	233	240	147
MUMBAI DEMAND	2134	2211	2122	1560
STATE DEMAND MET	19038	18752	18268	15357
STATE DEMAND	19038	18752	18268	15357
Frequency (Hz)	49.98	49.96	50.00	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 08.02 Hrs	49.79 Hz at 05.53 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 12/Jun/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	0.00	3.87	0	0
Unit 9	13.12	53.58	600	500
Unit 10	11.04	135.94	510	417
Total	24.16	193.39		
Bhusawal				
Unit 3	0.00	9.52	0	0
Unit 4	0.00	103.37	0	0
Unit 5	0.00	73.02	0	0
Total	0.00	185.90		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	10.27	0	0
Total	0.00	10.27		
Chandrapur				
Unit 3	0.00	23.56	0	0
Unit 4	3.81	39.08	174	121
Unit 5	8.46	108.89	400	275
Unit 6	8.84	108.35	405	285
Unit 7	0.00	0.00	0	0
Unit 8	10.72	103.70	470	337
Unit 9	9.82	91.34	446	375
Total	41.65	474.92		
Paras				
Unit 3	0.00	42.62	0	0
Unit 4	0.00	47.54	0	0
Total	0.00	90.17		
Khaparkheda				
Unit 1	0.00	28.10	0	0
Unit 2	3.36	43.50	180	115
Unit 3	3.72	47.07	190	130
Unit 4	2.49	44.28	160	87
Unit 5	11.00	133.01	500	320
Total	20.57	295.94		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.33	45.06	197	125
Unit 5	0.00	0.00	0	0
Total	4.33	45.06		
Uran				
All Units	7.05	93.33	378	224
Total	7.05	93.33		
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)	0.46	4.37	23	16
Total	0.46	4.37		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.34	32.16	415	35
Stage 4	1.64	32.07	495	0
Stage 3	1.41	15.71	240	0
Total	6.39	79.94		
Hydro				
KDPH	0.00	1.50	0	0
VTRNA	0.88	9.33	60	0
TILLARI	0.52	7.28	58	0
BHIRA T.R.	0.16	3.01	73	0
SMLHY_PTN	4.82	58.32	211	180
GHATGHAR	1.77	3.36	250	0
Total	8.15	82.79		
Wind				
Total	41.76	319.62	0	0
Total	41.76	319.62		
CPP				
APML(Mus)	30.82	365.63	0	0
JSWEL(Mus)	20.95	239.34	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	26.62	310.68	0	0
SWPGPL-Mus	2.87	69.97	0	0
Other(Mus)	7.44	99.16	0	0
Total	88.70	1084.78		
SOLAR				
Total	6.78	78.80	0	0
Total	6.78	78.80		
Tata				
Trombay 5	7.95	105.09	431	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.55	32.00	115	72
Trombay 7B	1.51	18.64	66	52
Trombay 8	4.22	57.06	227	136
TATA Hydro	2.70	49.80	236	0
Total	18.93	262.59		
AEMIL				
DTPS U-1&2	4.95	64.87	252	146
Total	4.95	64.87		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	90.71	1295.65	MSPGCL Total	112.30	1551.71
			MSPGCL Thml+Gas	97.76	1388.98	Koyna 1,2 & 4 Total	4.98	64.23
			MSPGCL Hydro	14.54	162.73	State Total	273.42	3362.37

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/Jun/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	3768	244	378	4390	2136	3319	0	0	5530	5341	-1061	14125	0	14125	1778	15903	50.02
2	3794	242	372	4408	2173	3105	0	0	5294	5349	-970	14065	0	14065	1688	15753	50.03
3	3803	242	361	4406	2120	3179	0	0	5127	5088	-912	13881	0	13881	1604	15485	50.03
4	3611	327	371	4309	1692	3194	0	0	5174	5472	-870	13797	0	13797	1560	15357	50.00
5	3759	377	371	4507	1573	3467	0	0	5393	5530	-846	14231	0	14231	1536	15767	49.95
6	4013	271	361	4645	1480	3900	0	0	5866	5880	-658	15248	0	15248	1604	16852	49.97
7	3936	921	361	5218	1396	3920	0	70	6712	6888	-560	16932	0	16932	1641	18574	49.99
8	3930	982	373	5285	1329	3927	0	259	6625	6483	-674	16609	0	16609	1755	18364	50.07
9	3931	631	371	4933	1602	3935	0	533	6889	6828	-831	17000	0	17000	1929	18929	50.05
10	3801	592	367	4760	1774	3741	0	732	7042	6787	-890	16904	0	16904	2134	19038	49.98
11	3457	815	358	4630	1749	3484	0	840	7219	6932	-1017	16618	0	16618	2243	18861	49.99
12	3406	878	260	4544	1773	3355	0	869	7055	7125	-1069	16597	0	16597	2227	18824	49.98
13	3652	956	236	4844	1689	3387	0	833	6788	6893	-1105	16541	0	16541	2211	18752	49.96
14	3768	617	225	4610	1739	3697	0	745	6650	6748	-1159	16380	0	16380	2124	18504	50.02
15	3794	598	224	4616	1627	3768	0	721	6838	6711	-1142	16302	0	16302	2099	18400	49.98
16	3743	678	233	4654	1784	3663	0	596	6683	6832	-1132	16397	0	16397	2093	18490	49.98
17	3775	634	224	4633	1955	3858	0	389	6190	6299	-1135	16000	0	16000	2069	18068	50.01
18	3758	474	224	4456	2070	3976	0	174	6096	6115	-1003	15788	0	15788	2056	17844	50.07
19	3810	382	235	4427	1859	3942	0	22	5949	6145	-1031	15364	0	15364	2048	17412	49.99
20	3778	1176	225	5179	1852	3962	0	0	5843	6073	-920	16146	0	16146	2122	18268	50.00
21	3809	811	235	4855	1719	3989	0	0	5853	5950	-882	15631	0	15631	2096	17727	50.01
22	3839	646	225	4710	1601	3998	0	0	5764	5895	-975	15229	0	15229	2034	17263	49.98
23	3879	580	226	4685	1490	3984	0	0	5614	5866	-1011	15014	0	15014	2000	17014	50.02
24	3893	466	235	4594	1575	3952	0	0	5883	5494	-878	14737	0	14737	1962	16699	49.91
MUs	90.71	14.54	7.05	112.30	41.76	88.70	0.00	6.78	148.08	148.72	-22.73	375.54	0.00	375.54	46.61	422.15	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 12/Jun/2021

Position as on 6.30 Hrs of 13/Jun/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
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)	25/06/2021
AEML	AEML Unit 1	250	19/05/2021	09.52		Continued.	HP turbine replacement.	
MSPGCL	Khaparkhedda Unit 1	210	11/06/2021	23.58		Continued.	Annual Overhaul	
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	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Earth Fault.	
MSPGCL	Koradi Unit 6	210	27/04/2021	19.59		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
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.	
IPP	Adani U-4	660	16/05/2021	10.01		Continued.	Zero Schedule.	
IPP	Adani U-1	660	16/05/2021	17.57		Continued.	Zero Schedule By MSEDCL.	
IPP	Adani U-5	660	17/05/2021	12.05		Continued.	Zero schedule.	
MSPGCL	Nasik Unit 5	210	17/05/2021	12.50		Continued.	Zero schedule.	
IPP	SWPGPL U-4	135	08/06/2021	00.04		Continued.	Zero Schedule.	
IPP	SWPGPL U-3	135	08/06/2021	00.24		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	08/06/2021	00.30		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	08/06/2021	00.34		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit 3	210	08/06/2021	10.59		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit-8	660	08/06/2021	13.15		Continued.	Boiler Tube Leakage	
IPP	JSW (J) U4	300	09/06/2021	00.01		Continued.	CW Duct leakage	
MSPGCL	Paras Unit 3	250	10/06/2021	16.00		Continued.	Zero scheduled given by MSEDCL	
MSPGCL	Paras Unit 4	250	10/06/2021	17.00		Continued.	zero scheduled given by MSEDCL	
IPP	Dhariwal	300	11/06/2021	05.00	12/06/2021	04.02	Zero Schedule Given By MSEDCL.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 12/Jun/2021

Position as on 6.30 Hrs of 13/Jun/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 4	500	11/06/2021	16.11		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 5	500	11/06/2021	16.35		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit 8	108	12/06/2021	11.17	13/06/2021	17.38	Bus 1 Tripped on LBB	
MSPGCL	Uran Unit B0	120	12/06/2021	11.17	13/06/2021	22.33	Bus 1 Tripped on LBB	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Jun/2021

Statement-VII

Position as on 6.30 Hrs of 13/Jun/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 - Tirora - I	IntraState	11/06/2021	10.11		Continued.	PO	Attending The SF6 Gas Leakage In Circuit Breaker At 765 KV APML/TIRORA SS.
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
Khadka-Aurangabad (Waluj)	IntraState	11/06/2021	18.09	13/06/2021	06.17	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	12/06/2021	05.22	12/06/2021	10.04	EO	To attend Hot Spot
Solapur - Parli(PG) I	IntraState	12/06/2021	18.24	13/06/2021	07.30	T	Distance Protection
Karad-Jaigad - I	IntraState	13/06/2021	01.58		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	13/06/2021	02.03	13/06/2021	11.48	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	13/06/2021	09.42	13/06/2021	14.14	EO	Replacement of Old jumper
Akola II - RPL(Rattanindia) Ckt-II	IntraState	13/06/2021	14.45	13/06/2021	21.02	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.(FTC DT 16/08/2021 At 14.42)
400/220/33 kv 315 MVA ICT-I @Chandrapur GCR	IntraState	09/06/2021	09.55		Continued.	PO	Pre-Monsoon Maintenance Work.
400/220/33 Kv 600 MVA ICT 4 @Padghe	IntraState	11/06/2021	11.09	12/06/2021	16.28	PO	Tripping wire connection of 220KV Bus Bar and Pre-Monsoon Maintenance work
400/220/33 Kv 600 MVA ICT 4 @Padghe	IntraState	12/06/2021	12.43	12/06/2021	16.28	EO	Oil Top Up in R & B-ph Unit.
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)
MSETCL Borivli Aarey 2	IntraState	07/06/2021	09.05		Continued.	PO	In Pointing Y-Ph Cable Sheath Fault Between Section JC-14 To JC-16.(sock test at 22.54 dt.03/07/21)
220 KV VIRODA - AMALNER	IntraState	12/06/2021	08.12	12/06/2021	14.37	PO	Replacement of Bhel make disc insulator strings at various locations.
Mururd - Tuljapur	IntraState	12/06/2021	10.49	12/06/2021	13.34	PO	1) Replacement of DI at loc no.113 R phase, 2) Signature analysis of line.
Eklahara(Gcr)(Nasik)- Bableshtar 2	IntraState	12/06/2021	10.50	12/06/2021	20.38	PO	Samaruddhi Expressway in line Monopole Erection work at loc no.104A,105 on 220KV BBLR Ckt 1&2
Eklahara(Gcr)(Nasik)- Bableshtar-I	IntraState	12/06/2021	10.52	12/06/2021	20.36	PO	Samaruddhi Expressway in line Monopole Erection work at loc no.104A,105 on 220KV BBLR Ckt 1&2
Uran - Apta III	IntraState	12/06/2021	11.17	12/06/2021	12.01	T	Bus 1 Tripped on LBB
Uran - Ongc Uran	IntraState	12/06/2021	11.17	12/06/2021	12.50	T	Bus 1 Tripped on LBB
Uran - Kharghar I	IntraState	12/06/2021	11.17	12/06/2021	12.02	T	Bus 1 Tripped on LBB
Uran - Apta II	IntraState	12/06/2021	11.17	12/06/2021	12.01	T	Bus 1 Tripped on LBB
Ambazari-Abhijeet	IntraState	12/06/2021	12.52	12/06/2021	15.00	EO	Attending repair work of damaged conductor on B-ph line side.
Vankuswadi- Ajinkyatara	IntraState	12/06/2021	15.55	12/06/2021	19.45	PO	Breaker trip circuit relay & wiring replacement work in control & relay panel.

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 12/Jun/2021

Statement-VII

Position as on 6.30 Hrs of 13/Jun/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Chandrapur(MIDC)-Ballarshah II	IntraState	13/06/2021	17.16	13/06/2021	18.47	T	Distance Protection
Midc Chandrapur-Gadchandur	IntraState	13/06/2021	17.16		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 KV 150MVA ICT I @ Boisar	IntraState	17/05/2021	11.19		Continued.	T	ICT Failed due to internal fault.
220/33kv 100mva Transformer 1 @Versova R/S	IntraState	12/06/2021	10.30	12/06/2021	12.08	PO	Premonsoon Maintenance of Transformer, NGT and Bay equipments