

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/May/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	106.521	2190.867	1) Gujrat	5.429	-36.533
2) Hydro	12.892	402.064	2) Madhya Pradesh	8.620	192.505
3) Gas	0.000	159.666	3) Chattisgarh	3.230	98.170
Total MSPGCL	119.413	2752.597	4) Maharashtra	109.540	2380.002
B) 1) APLM	27.263	1083.087	5) Goa (Amona)	-0.327	-28.436
2) JSWEL	20.390	332.923	Total	126.492	2605.708
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.019	439.630
4) RPL(AMT)	23.869	523.471	b) Mumbai Drawl	17.629	407.667
5) SWPGPL	5.114	117.133	c) MSEDCL Bilateral *	27.205	616.902
6) Other IPP	8.620	234.469	Include PX	-0.816	72.502
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.019	439.630
C) 1) TPCL Thermal	15.422	264.362	Include PX	10.852	183.748
2) TPCL Hydro	5.911	70.380	Standby	0.000	0.000
3) TPCL Gas	0.000	70.751	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.534	195.054	1) MSEDCL	363.559	7731.500
D) STATE			2) Mumbai Discoms	50.496	1008.215
1) Thermal	218.733	4941.366	TOTAL STATE	414.055	8739.715
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	18.803	472.444			
3) Gas (A3+B7+C3)	0.000	230.417			
4) Wind	44.983	364.266			
6) SOLAR	5.044	125.513			
TOTAL STATE	287.563	6134.006			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4335	4158	4858	4308
MSPGCL Hydro	318	869	1239	225
MSPGCL Gas	0	0	0	0
MSPGCL Total Generation	4653	5027	6097	4533
Central Sector Receipt	5617	5368	5069	4876
WIND	2272	1941	1545	1948
CPP / IPP Thermal	3499	3471	3560	3457
CPP / IPP Gas	0	0	0	0
SOLAR	516	410	0	0
Exchange with Mumbai	-770	-822	-692	-501
MSEDCL DEMAND MET	15787	15395	15579	14313
Load Shedding	0	0	0	0
MSEDCL DEMAND	15787	15395	15579	14313
TPCL GENERATION	962	1014	1058	691
AEML GENERATION	501	502	451	503
MUMBAI DEMAND	2233	2338	2201	1695
STATE DEMAND MET	18020	17733	17780	16008
STATE DEMAND	18020	17733	17780	16008
Frequency (Hz)	50.05	50.02	49.96	49.86

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 10.00 Hrs	49.72 Hz at 04.24 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 18/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	8.57	202.80	526	300
Unit 9	9.26	125.14	578	296
Unit 10	7.85	180.47	390	200
Total	25.68	508.40		
Bhusawal				
Unit 3	0.00	13.68	0	0
Unit 4	8.12	167.44	495	285
Unit 5	8.10	195.12	495	280
Total	16.21	376.24		
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	3.17	45.82	150	125
Unit 4	0.00	0.00	0	0
Unit 5	7.64	114.71	410	273
Unit 6	7.36	164.24	410	280
Unit 7	0.00	0.00	0	0
Unit 8	10.04	142.59	492	282
Unit 9	9.21	139.62	451	280
Total	37.43	606.99		
Paras				
Unit 3	4.16	83.55	219	160
Unit 4	0.00	80.20	0	0
Total	4.16	163.74		
Khaparkheda				
Unit 1	2.72	46.65	125	100
Unit 2	0.00	0.00	0	0
Unit 3	3.71	68.64	200	135
Unit 4	3.53	51.73	195	125
Unit 5	9.71	156.61	465	295
Total	19.67	323.63		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.37	74.22	200	128
Unit 5	0.00	69.21	0	0
Total	3.37	143.42		
Uran				
All Units	0.00	159.67	0	0
Total	0.00	159.67		
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)	0.14	3.77	23	0
Total	0.14	3.77		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.22	85.66	470	35
Stage 4	2.99	142.68	509	0
Stage 3	1.13	50.67	222	0
Total	7.34	279.01		
Hydro				
KDPH	0.70	13.67	29	29
VTRNA	0.88	15.80	60	0
TILLARI	0.59	9.06	58	0
BHIRA T.R.	0.14	3.69	80	0
SMLHY_PTN	3.24	76.11	143	123
GHATGHAR	0.00	4.72	0	0
Total	5.55	123.05		
Wind				
Total	44.98	364.27	0	0
Total	44.98	364.27		
CPP				
APML(Mus)	27.26	1083.09	0	0
JSWEL(Mus)	20.39	332.92	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	23.87	523.47	0	0
SWPGPL-Mus	5.11	117.13	0	0
Other(Mus)	8.62	234.47	0	0
Total	85.26	2291.08		
SOLAR				
Total	5.04	125.51	0	0
Total	5.04	125.51		
Tata				
Trombay 5	10.63	175.38	482	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	44.76	0	0
Trombay 7B	0.00	25.99	0	0
Trombay 8	4.79	88.98	223	137
TATA Hydro	5.91	70.38	457	0
Total	21.33	405.49		
AEML				
DTPS U-1&2	11.53	195.05	503	288
Total	11.53	195.05		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	106.52	2190.87	MSPGCL Total	119.41	2752.60
			MSPGCL Thml+Gas	106.52	2350.53	Koyna 1,2 & 4 Total	6.21	228.34
			MSPGCL Hydro	12.89	402.06	State Total	287.56	6134.01

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/May/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	4197	205	0	4402	2262	3395	0	0	4984	4960	-603	14416	0	14416	1941	16357	50.02
2	4207	224	0	4431	1900	3553	0	0	5044	5007	-552	14339	0	14339	1843	16182	50.00
3	4243	204	0	4447	1937	3560	0	0	5093	4910	-507	14347	0	14347	1768	16115	50.00
4	4289	220	0	4509	1897	3372	0	0	5023	5145	-458	14465	0	14465	1720	16185	49.95
5	4308	225	0	4533	1948	3457	0	0	5004	4876	-501	14313	0	14313	1695	16008	49.86
6	4693	533	0	5226	1865	3735	0	0	5199	5162	-545	15443	0	15443	1736	17179	49.97
7	5113	256	0	5369	1955	3890	0	50	5345	5149	-566	15847	0	15847	1754	17601	50.06
8	4773	232	0	5005	2151	3820	0	168	5589	5443	-649	15938	0	15938	1840	17778	50.07
9	4302	351	0	4653	2098	3451	0	346	5553	5674	-757	15465	0	15465	2034	17499	50.01
10	4335	318	0	4653	2272	3499	0	516	5653	5617	-770	15787	0	15787	2233	18020	50.05
11	4044	315	0	4359	2201	3361	0	654	5757	5560	-699	15436	0	15436	2345	17781	50.04
12	3910	827	0	4737	2131	3111	0	742	5531	5577	-856	15442	0	15442	2412	17854	49.98
13	3759	890	0	4649	2274	3409	0	663	5480	5161	-876	15280	0	15280	2407	17687	49.94
14	3787	646	0	4433	2104	3466	0	567	5428	5442	-829	15183	0	15183	2350	17533	50.04
15	3943	685	0	4628	1976	3460	0	560	5438	5375	-845	15154	0	15154	2360	17514	50.03
16	4158	869	0	5027	1941	3471	0	410	5474	5368	-822	15395	0	15395	2338	17733	50.02
17	4136	527	0	4663	2072	3388	0	254	5617	5154	-811	14720	0	14720	2289	17009	50.05
18	3963	628	0	4591	1632	2966	0	103	5302	5527	-642	14177	0	14177	2215	16392	50.02
19	4164	1191	0	5355	1508	3241	0	11	5074	5207	-591	14731	0	14731	2161	16892	49.99
20	4858	1239	0	6097	1545	3560	0	0	5219	5069	-692	15579	0	15579	2201	17780	49.96
21	5048	881	0	5929	1398	3893	0	0	5320	5042	-1022	15240	0	15240	2183	17423	49.96
22	5354	718	0	6072	1256	4098	0	0	5469	5130	-986	15570	0	15570	2190	17760	49.95
23	5429	367	0	5796	1267	4115	0	0	5737	5551	-952	15777	0	15777	2232	18009	50.00
24	5508	341	0	5849	1393	3985	0	0	5675	5386	-1098	15515	0	15515	2249	17764	49.96
MUs	106.52	12.89	0.00	119.41	44.98	85.26	0.00	5.04	129.01	126.49	-17.63	363.56	0.00	363.56	50.50	414.05	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 18/May/2021

Position as on 6.30 Hrs of 19/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	Adani U-3	660	14/05/2021	17.29	18/05/2021	00.41	Low furnace pressure	
MSPGCL	Paras Unit 4	250	15/05/2021	12.36	19/05/2021	01.55	Coal mill problem.	
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.	
MSPGCL	Uran Unit 5	108	17/05/2021	11.52		Continued.	Due to jerk	
IPP	Adani U-5	660	17/05/2021	12.05		Continued.	Zero schedule.	
IPP	SWPGPL U-3	135	17/05/2021	12.13		Continued.	Scrapper conveyer problem.	
MSPGCL	Nasik Unit 5	210	17/05/2021	12.50		Continued.	Zero schedule.	
MSPGCL	Uran Unit B0	120	17/05/2021	20.15		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 18/May/2021

Position as on 6.30 Hrs of 19/May/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 8	108	17/05/2021	20.15		Continued.	Gas shortage	
MSPGCL	Uran Unit 6	108	17/05/2021	22.59		Continued.	Gas shortage.	
MSPGCL	Uran Unit A0	120	17/05/2021	22.59		Continued.	Gas shortage	
TPC-G	Trombay 7B	60	17/05/2021	23.29		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	17/05/2021	23.50		Continued.	Gas shortage	
IPP	SWPGPL U-4	135	18/05/2021	04.40	18/05/2021	08.23	Boiler Flame Loss	
MSPGCL	Khaparkheda Unit 4	210	19/05/2021	01.36		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/May/2021

Statement-VII

Position as on 6.30 Hrs of 19/May/2021

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	18/05/2021	14.36		Continued.	HT	Over Voltage
Babhleshwar - RIPL(Nashik)	IntraState	18/03/2021	15.48		Continued.	PO	Hot spot attending.
karad -kolhapur-I	IntraState	16/05/2021	17.39	18/05/2021	10.22	HT	Over Voltage
Kala Kudus Ckt-II	IntraState	17/05/2021	18.50	18/05/2021	00.02	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	18/05/2021	01.53	19/05/2021	05.57	HT	Over Voltage
Padghe - Nagothane - I	IntraState	18/05/2021	01.53	18/05/2021	10.33	HT	Over Voltage
Karad - Talandge Ckt 2	IntraState	18/05/2021	12.56		Continued.	EO	Attending Hot Spot On 29D B PH Isolator Clamp line side.(18/05/2021 RFC 15:35).
karad -kolhapur-II	IntraState	18/05/2021	12.56	18/05/2021	15.35	EO	Attending Hot Spot On Isolator.
Koradi 2-IEPL	IntraState	18/05/2021	16.23	18/05/2021	22.37	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 315 Mva Ict -2 @New Koyana	IntraState	18/05/2021	11.24	18/05/2021	14.25	EO	Sparking Observed At 29B Bus Isolator.
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)
Borivali - Tarapur	InterState	17/05/2021	16.32		Continued.	T	Distance Protection(18/05/2021 Trial failed 18:24).
Boisar(MS) - Boisar (PG) - I	InterState	18/05/2021	04.14	18/05/2021	13.01	T	Distance Protection
Trombay - Mulund	IntraState	17/05/2021	15.14	18/05/2021	18.00	T	Distance Protection
Temghar - Kalwa	IntraState	18/05/2021	01.45	18/05/2021	03.36	T	Y-PH PT burst at Temghar.
Padgha-Temghar-II	IntraState	18/05/2021	01.45	18/05/2021	03.36	T	Y-PH PT burst at Temghar.
Goregaon Versova Line 2	IntraState	18/05/2021	02.56	18/05/2021	06.35	T	Distance Protection
512 Khadki- Century Enka	IntraState	18/05/2021	09.57	18/05/2021	12.32	EO	Due to Compressor Problem CB in Lock out position.
Jejuri-Phursungi ckt-2	IntraState	18/05/2021	10.30	18/05/2021	12.06	PO	Attending Hot spot by Tightning NutBolt by Hotline L.N.-2, B Phase, Theur Side-70 degree L.N.-2, B Phase, Jejuri Side-63degree & L.N.-71 ,Y Phase, Phursungi Side-51 Degree.
Theur-Phursungi ckt-2	IntraState	18/05/2021	10.35	18/05/2021	12.10	PO	Attending Hot spot by Tightning NutBolt by Hotline L.N.-2, B Phase, Theur Side-70 degree L.N.-2, B Phase, Jejuri Side-63degree & L.N.-71 ,Y Phase, Phursungi Side-51 Degree.
Pedambe-Nerle	IntraState	18/05/2021	14.45	18/05/2021	19.45	EO	BUS Isolator Problem.
Eklahara-(Ocr)(Nashik)-Navasari I	IntraState	18/05/2021	15.21		Continued.	T	Distance Protection(18/05/2021 Trial failed 17:21 hrs.)
Dahanu Ghodbunder Line 1	IntraState	18/05/2021	16.11	18/05/2021	17.20	EO	Removal of foreign material (Cloth) hanging on insulator and tower structure no. LS 51.
Adlabs - Pedambe	IntraState	18/05/2021	17.00	18/05/2021	19.40	EO	BUS Isolator Problem.
Pedhambe - Oni	IntraState	18/05/2021	17.08	18/05/2021	19.55	PO	BUS Isolator Problem.
Pedambe-Pophali	IntraState	18/05/2021	17.17	18/05/2021	19.35	EO	BUS Isolator Problem.
Main bus section-II @ Pedambe	IntraState	18/05/2021	17.25	18/05/2021	20.15	EO	BUS Isolator Problem.

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 18/May/2021

Statement-VII

Position as on 6.30 Hrs of 19/May/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Dahanu Ghodbunder Line 2	IntraState	18/05/2021	17.31	18/05/2021	18.14	EO	Removal of foreign material (Cloth) hanging on insulator and tower structure no. LS 51.
Nalasopara-Boisar	IntraState	18/05/2021	19.30	18/05/2021	20.58	EO	For Safety Purpose To Attend Decapping On Multi CKT Tower.
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.
220/132kv 100MVA ICT @ KALWAN (BHENDI)	IntraState	18/05/2021	11.10	18/05/2021	12.32	PO	For diagnostic testing & pre monsoon maintenance work.
220/33kv 125 Mva Transformer 5 @Aarey R/S	IntraState	18/05/2021	13.01	18/05/2021	17.15	EO	Attaining Transformer Buchholz relay alarm.