

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Jul/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	97.823	97.823	1) Gujrat	4.407	4.407
2) Hydro	12.222	12.222	2) Madhya Pradesh	8.516	8.516
3) Gas	6.424	6.424	3) Chattisgarh	4.690	4.690
Total MSPGCL	116.469	116.469	4) Maharashtra	125.300	125.300
B) 1) APLM	74.539	74.539	5) Goa (Amona)	-1.218	-1.218
2) JSWEL	20.248	20.248	Total	141.695	141.695
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.419	29.419
4) RPL(AMT)	26.886	26.886	b) Mumbai Drawl	29.906	29.906
5) SWPGPL	2.878	2.878	c) MSEDCL Bilateral *	29.282	29.282
6) Other IPP	7.357	7.357	Include PX	2.346	2.346
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.419	29.419
C) 1) TPCL Thermal	10.720	10.720	Include PX	13.768	13.768
2) TPCL Hydro	8.233	8.233	Standby	0.000	0.000
3) TPCL Gas	2.280	2.280	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.971	5.971	1) MSEDCL	402.792	402.792
D) STATE			2) Mumbai Discoms	57.110	57.110
1) Thermal	246.422	246.422	TOTAL STATE	459.902	459.902
(A1+C1+C4+(B1-B6))					
2) Hydro	20.455	20.455			
(A2+C2)					
3) Gas	8.704	8.704			
(A3+B7+C3)					
4) Wind	35.899	35.899			
6) SOLAR	6.727	6.727			
TOTAL STATE	318.207	318.207			

* 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 4 Hrs
MSPGCL Thermal	3841	4109	3964	4188
MSPGCL Hydro	620	265	657	328
MSPGCL Gas	264	263	258	272
MSPGCL Total Generation	4725	4637	4879	4788
Central Sector Receipt	7078	6473	5668	5288
WIND	1721	1711	1507	1291
CPP / IPP Thermal	5339	5606	5720	4978
CPP / IPP Gas	0	0	0	0
SOLAR	622	563	0	0
Exchange with Mumbai	-1460	-1549	-1179	-931
MSEDCL DEMAND MET	18025	17440	16595	15414
Load Shedding	0	0	0	0
MSEDCL DEMAND	18025	17440	16595	15414
TPCL GENERATION	947	970	978	697
AEML GENERATION	249	247	248	250
MUMBAI DEMAND	2656	2766	2405	1878
STATE DEMAND MET	20681	20206	19000	17292
STATE DEMAND	20681	20206	19000	17292
Frequency (Hz)	49.95	50.04	50.02	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 13.24 Hrs	49.83 Hz at 09.08 Hrs	50.01	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 01/Jul/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	8.80	8.80	410	293
Unit 9	8.46	8.46	407	301
Unit 10	8.51	8.51	385	290
Total	25.77	25.77		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	3.28	3.28	147	111
Unit 4	3.56	3.56	160	143
Unit 5	9.38	9.38	410	375
Unit 6	3.50	3.50	400	0
Unit 7	0.00	0.00	0	0
Unit 8	11.04	11.04	477	440
Unit 9	10.87	10.87	465	427
Total	41.62	41.62		
Paras				
Unit 3	4.28	4.28	234	157
Unit 4	0.00	0.00	0	0
Total	4.28	4.28		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.34	3.34	180	105
Unit 3	3.85	3.85	205	130
Unit 4	3.93	3.93	205	130
Unit 5	11.46	11.46	500	450
Total	22.58	22.58		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.56	3.56	198	123
Unit 5	0.00	0.00	0	0
Total	3.56	3.56		
Uran				
All Units	6.42	6.42	280	258
Total	6.42	6.42		
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	0.46	26	11
Total	0.46	0.46		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.27	3.27	460	40
Stage 4	2.87	2.87	725	0
Stage 3	1.29	1.29	160	0
Total	7.43	7.43		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.46	0.46	58	0
BHIRA T.R.	0.43	0.43	80	0
SMLHY_PTN	3.90	3.90	172	137
GHATGHAR	0.00	0.00	0	0
Total	4.79	4.79		
Wind				
Total	35.90	35.90	0	0
Total	35.90	35.90		
CPP				
APML(Mus)	74.54	74.54	0	0
JSWEL(Mus)	20.25	20.25	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	26.89	26.89	0	0
SWPGPL-Mus	2.88	2.88	0	0
Other(Mus)	7.36	7.36	0	0
Total	131.91	131.91		
SOLAR				
Total	6.73	6.73	0	0
Total	6.73	6.73		
Tata				
Trombay 5	10.72	10.72	470	350
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.25	1.25	59	49
Trombay 7B	1.03	1.03	48	41
Trombay 8	0.00	0.00	0	0
TATA Hydro	8.23	8.23	432	148
Total	21.23	21.23		
AEML				
DTPS U-1&2	5.97	5.97	250	247
Total	5.97	5.97		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	97.82	97.82
MSPGCL Thml+Gas	104.25	104.25
MSPGCL Hydro	12.22	12.22

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	116.47	116.47
Koyna 1,2 & 4 Total	6.14	6.14
State Total	318.21	318.21

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/Jul/2021

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4274	301	271	4846	1482	5709	0	0	4845	4717	-1106	15648	0	15648	2231	17879	50.00
2	4235	291	280	4806	1561	5541	0	0	4922	4480	-977	15411	0	15411	2082	17493	50.01
3	4195	297	270	4762	1428	5058	0	0	5315	5284	-875	15656	0	15656	1960	17616	50.01
4	4188	328	272	4788	1291	4978	0	0	5391	5288	-931	15414	0	15414	1878	17292	49.96
5	4258	561	270	5089	1202	5252	0	0	5371	5258	-921	15880	0	15880	1846	17726	49.98
6	4416	578	270	5264	1270	5652	0	0	5575	5691	-953	16924	0	16924	1884	18808	49.99
7	4572	562	271	5405	1256	5696	0	51	6527	6388	-951	17845	0	17845	1932	19777	49.99
8	4477	390	270	5137	1329	5573	0	245	7005	6606	-1129	17761	0	17761	2085	19846	50.03
9	4244	320	277	4841	1618	5304	0	455	6973	6973	-1294	17897	0	17897	2370	20267	49.97
10	3841	620	264	4725	1721	5339	0	622	6810	7078	-1460	18025	0	18025	2656	20681	49.95
11	3966	559	264	4789	1638	5498	0	780	6644	6631	-1606	17730	0	17730	2831	20561	50.02
12	4110	353	273	4736	1627	5449	0	848	6833	6746	-1627	17779	0	17779	2853	20632	50.05
13	4019	312	261	4592	1724	5302	0	890	6868	6433	-1585	17356	0	17356	2816	20172	50.02
14	3923	296	262	4481	1677	5141	0	846	6716	6739	-1494	17390	0	17390	2725	20115	50.06
15	3937	361	261	4559	1693	5385	0	729	6448	6593	-1485	17474	0	17474	2715	20189	50.01
16	4109	265	263	4637	1711	5606	0	563	6520	6473	-1549	17440	0	17440	2766	20206	50.04
17	3818	193	263	4274	1840	5644	0	447	6297	6255	-1478	16982	0	16982	2690	19672	50.03
18	3767	197	264	4228	1724	5523	0	206	6092	5821	-1372	16130	0	16130	2579	18709	50.02
19	3830	190	265	4285	1573	5560	0	45	5910	5852	-1220	16094	0	16094	2418	18512	50.05
20	3964	657	258	4879	1507	5720	0	0	5540	5668	-1179	16595	0	16595	2405	19000	50.02
21	3978	1024	265	5267	1302	5749	0	0	5192	5326	-1154	16490	0	16490	2361	18851	50.00
22	3962	1431	267	5660	1229	5777	0	0	4949	4990	-1125	16531	0	16531	2324	18855	50.04
23	3916	1076	267	5259	1240	5724	0	0	5190	5285	-1158	16350	0	16350	2338	18688	49.98
24	3824	1060	276	5160	1256	5729	0	0	5083	5120	-1277	15988	0	15988	2365	18353	50.01
MUs	97.82	12.22	6.42	116.47	35.90	131.91	0.00	6.73	143.02	141.70	-29.91	402.79	0.00	402.79	57.11	459.90	50.01

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 01/Jul/2021

Position as on 6.30 Hrs of 02/Jul/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
AEML	AEML Unit 1	250	19/05/2021	09.52		Continued.	HP turbine replacement.	
MSPGCL	Khaparkheda 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 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	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.	
MSPGCL	Nasik Unit 5	210	17/05/2021	12.50		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	Paras Unit 4	250	10/06/2021	17.00		Continued.	zero scheduled given by MSEDCL	
MSPGCL	Bhusawal Unit 4	500	11/06/2021	16.11	02/07/2021	17.12	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 5	500	11/06/2021	16.35	02/07/2021	16.25	Zero Schedule By MSEDCL	
IPP	JSW (J) U2	300	20/06/2021	04.30		Continued.	Generator maintenance work.	
IPP	SWPGPL U-2	135	25/06/2021	01.22		Continued.	ID Fan High Vibration.(unit under zero schedule from 04.00 hrs on dt. 25.06.2021.)	
TPC_G	Trombay 8	250	29/06/2021	09.12		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 6	108	29/06/2021	22.18		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 6	500	01/07/2021	08.57		Continued.	Boiler Tube Leakage	
MSPGCL	Koyna STG-IV Unit-4	250	01/07/2021	19.57	01/07/2021	20.45	Sensor Malfuction	
MSPGCL	Koyna STG-IV Unit-3	250	01/07/2021	20.03	02/07/2021	00.00	Shaft seal water circulation loss.	
MSPGCL	Khaparkheda Unit 3	210	02/07/2021	00.00		Continued.	Zero schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/Jul/2021

Position as on 6.30 Hrs of 02/Jul/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 2	210	02/07/2021	00.00		Continued.	Zero schedule.	
MSPGCL	Khaparkheda Unit 4	210	02/07/2021	00.00		Continued.	Zero schedule.	
MSPGCL	Uran Unit 5	108	02/07/2021	13.33		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	02/07/2021	13.36		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 02/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage	
500 KV LINE Outages/Trippings								
Chandrapur - Padghe Hvdc Pole 1	IntraState	02/07/2021	21.26			Continued.	PO	Oil topup at pole 1 Y-Phases convertor transformer.
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
Bableshwar- Aurangabad (Waluj)	IntraState	23/06/2021	09.26			Continued.	PO	Samruddhi expressway crossing 400kv line diversion work.
Khadka-Aurangabad (Waluj)	IntraState	30/06/2021	21.32	01/07/2021	09.49		HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	01/07/2021	21.07	02/07/2021	09.14		HT	Over Voltage
Bus Coupler @ Padgha	IntraState	02/07/2021	10.21	02/07/2021	20.40		PO	Attending Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	02/07/2021	18.30			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.(FTC DT 16/08/2021 At 14.42)
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	01/07/2021	03.50	01/07/2021	13.47		T	Tripped on OSR
400/220/33 Kv 500 MVA ICT-III @Parali (Girwali)	IntraState	01/07/2021	09.24	01/07/2021	19.39		PO	ICT Unit bushing and winding C & Tan delta measurement work.
400/220 Kv 315 Mva Ict 1 @Chakan	IntraState	01/07/2021	10.21	01/07/2021	19.26		PO	Outage for oil top up in ICT-1 R-ph unit due to low oil level.
400/220 Kv 500 MVA ICT-IV @Kalwa	IntraState	01/07/2021	22.07	01/07/2021	23.54		EO	Attending Hot Spot on B Ph LV bushing connecting jumper.
167MVA 400/220 SPARE ICT @ Parali (Girwali)	IntraState	02/07/2021	10.18	02/07/2021	17.01		PO	Jumper tightening work of 21nos. of location (cut point).
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)
MSETCL Borivli Aarey 1	IntraState	17/06/2021	13.25			Continued.	T	Distance Protection (Charged only from Aarey end).10/Jul/2021 19.56 Soak Test.
Kalmeshwar - JSW	IntraState	01/07/2021	07.33	01/07/2021	18.15		PO	Tan delta and capacitance measurement of CTS and CB timing. CRM of CB.
Kandalgaon - Sona Alloys	IntraState	01/07/2021	09.00	01/07/2021	18.00		PO	Damage conductor work
Mulund - GIS Bhandup	IntraState	01/07/2021	09.37			Continued.	PO	project work of bay strengthening on 200kv Mulund-Bhandup GIS line bay at 220kv Mulund substation
Kalwa - Mulund 1	IntraState	01/07/2021	09.39			Continued.	PO	project work of bay strengthening on 220kv Mulund-Bhandup GIS line bay along with replacement of C&R panel of 220 kalwa-1 at 220kv Mulund substation.
Chandrapur GCR - Sicom I	IntraState	01/07/2021	09.51	01/07/2021	16.27		PO	Routine Maintenance Work
Mumewadi -Halkarni ckt-II	IntraState	01/07/2021	10.25	01/07/2021	17.30		PO	Siemens make CB Overhauling work.
Uran - Kharghar I	IntraState	01/07/2021	10.40			Continued.	PO	Construction work.
CHAKAN (400 KV)- Chinchwad2	IntraState	01/07/2021	11.00	01/07/2021	20.16		PO	Routine Maintenance Work
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	02/07/2021	04.14	02/07/2021	04.58		T	Distance Protection
Wpcl-Warora 1	IntraState	02/07/2021	10.05	02/07/2021	16.37		PO	Jumper tightening work of 21 nos. of location (cut point).
Koradi-Ambazari-I	IntraState	02/07/2021	10.12	02/07/2021	14.46		PO	Replacement of flashover string at various location.

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 01/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 02/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Padghe - Wada	IntraState	02/07/2021	10.39	02/07/2021	18.24	PO	Replace Faulty Insulator string
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	02/07/2021	10.48		Continued.	PO	CB overhauling.
Nagothane-Wadkhal-I	IntraState	02/07/2021	11.32	02/07/2021	15.44	EO	Attending Hot Spot
Butibori - Purti	IntraState	02/07/2021	11.42	02/07/2021	16.07	PO	Replacement of BPH CT for high tan delta value.
Abhijeet-Wardha-Ii	IntraState	02/07/2021	12.16	02/07/2021	17.53	PO	Relay testing work at 220KV abhijit S/S end by testing division nagpur.
Vankuswadi- Ajinkyatara	IntraState	02/07/2021	14.15	02/07/2021	18.40	PO	Replacement work
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	02/07/2021	17.55	02/07/2021	18.07	PO	To Reconnect HT LIS Consumer
220 KV ICT Outages/Trippings							
220/132kv 100MVA ICT-II @ Alephata	IntraState	01/07/2021	10.13	01/07/2021	13.40	PO	LV circuit breaker drive mechanism overhauling work.
220/132kv 200mva Emco ICT-1 @Kurkumbh	IntraState	01/07/2021	11.25	01/07/2021	15.30	PO	Relay testing work
220/132 Kv 200 Mva Cgl Ict 3 @Babhleshwar	IntraState	02/07/2021	10.38	02/07/2021	14.45	PO	Attending Oil Leakage
220/132 kV 200 Mva ICT-II @Boisar-Ii	IntraState	02/07/2021	11.44	02/07/2021	14.04	PO	Pre-monsoon maintenance work
220/132kv 200mva Vijai Ptr 2 @Lonand	IntraState	02/07/2021	12.47	02/07/2021	13.42	EO	Remove Kite from HV R ph LA
220/132 Kv 150 MVA ICT @Boisar-II	IntraState	02/07/2021	15.39	02/07/2021	19.11	PO	Pre-monsoon maintenance work

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