

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	114.862	1652.183	1) Gujrat	-11.264	-92.778
2) Hydro	10.267	228.229	2) Madhya Pradesh	3.179	93.140
3) Gas	4.651	74.400	3) Chattisgarh	3.340	61.570
Total MSPGCL	129.780	1954.812	4) Maharashtra	136.368	2212.551
B) 1) APML	65.409	1001.554	5) Goa (Amona)	-0.972	-10.061
2) JSWEL	18.108	287.263	Total	130.651	2264.422
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.020	452.877
4) RPL(AMT)	20.103	398.395	b) Mumbai Drawl	31.335	449.685
5) SWPGPL	7.318	86.265	c) MSEDCL Bilateral *	27.502	585.554
6) Other IPP	6.893	111.578	Include PX	-3.943	135.822
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.840	450.270
C) 1) TPCL Thermal	11.678	176.866	Include PX	17.537	214.632
2) TPCL Hydro	2.159	79.155	Standby	0.180	2.606
3) TPCL Gas	2.676	35.744	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.162	97.453	1) MSEDCL	375.290	6120.585
D) STATE			2) Mumbai Discoms	53.010	838.903
1) Thermal	249.533	3811.557	TOTAL STATE	428.300	6959.488
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	12.426	307.384			
3) Gas (A3+B7+C3)	7.327	110.144			
4) Wind	23.754	376.115			
6) SOLAR	4.609	89.866			
TOTAL STATE	297.649	4695.066			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	4800	4504	5204	4488
MSPGCL Hydro	390	388	730	276
MSPGCL Gas	252	250	112	254
MSPGCL Total Generation	5442	5142	6046	5018
Central Sector Receipt	6468	6468	5143	4673
WIND	776	617	1255	1228
CPP / IPP Thermal	5346	4438	5432	4183
CPP / IPP Gas	0	0	0	0
SOLAR	499	592	0	0
Exchange with Mumbai	-1628	-1471	-1436	-1099
MSEDCL DEMAND MET	16903	15786	16440	14003
Load Shedding	0	0	0	0
MSEDCL DEMAND	16903	15786	16440	14003
TPCL GENERATION	849	1001	681	529
AEML GENERATION	249	251	174	148
MUMBAI DEMAND	2726	2723	2291	1776
STATE DEMAND MET	19629	18509	18731	15779
STATE DEMAND	19629	18509	18731	15779
Frequency (Hz)	50.05	50.00	49.97	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 08.50 Hrs	49.82 Hz at 06.14 Hrs	49.99	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/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	11.54	140.74	503	438
Unit 9	0.00	98.54	0	0
Unit 10	9.60	98.40	470	325
Total	21.14	337.68		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.84	120.41	470	280
Unit 5	8.88	122.14	485	280
Total	17.72	242.55		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	22.08	0	0
Total	0.00	22.08		
Chandrapur				
Unit 3	3.31	49.35	150	123
Unit 4	3.38	33.14	165	115
Unit 5	8.18	114.20	385	280
Unit 6	7.98	107.77	375	280
Unit 7	6.28	13.59	279	232
Unit 8	10.10	152.09	466	370
Unit 9	0.51	138.21	271	243
Total	39.74	608.36		
Paras				
Unit 3	4.13	68.23	195	151
Unit 4	4.40	37.35	229	148
Total	8.53	105.58		
Khaparkheda				
Unit 1	2.82	7.76	135	100
Unit 2	3.18	35.68	170	115
Unit 3	3.77	41.52	210	130
Unit 4	3.75	41.99	210	130
Unit 5	10.56	158.30	495	410
Total	24.08	285.26		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	14.10	0	0
Unit 5	3.66	36.57	195	124
Total	3.66	50.67		
Uran				
All Units	4.65	74.40	256	112
Total	4.65	74.40		
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)	0.08	3.53	22	0
Total	0.08	3.53		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.00	49.29	285	35
Stage 4	1.19	63.83	252	0
Stage 3	1.50	32.18	80	0
Total	4.70	145.30		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	1.16	0	0
BHIRA T.R.	0.40	6.41	40	0
SMLHY_PTN	4.92	72.68	214	196
GHATGHAR	0.25	2.68	190	0
Total	5.57	82.93		
Wind				
Total	23.75	376.12	0	0
Total	23.75	376.12		
CPP				
APML(Mus)	65.41	1001.55	0	0
JSWEL(Mus)	18.11	287.26	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	20.10	398.40	0	0
SWPGPL-Mus	7.32	86.26	0	0
Other(Mus)	6.89	111.58	0	0
Total	117.83	1885.06		
SOLAR				
Total	4.61	89.87	0	0
Total	4.61	89.87		
Tata				
Trombay 5	7.73	145.65	460	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.49	19.73	63	62
Trombay 7B	1.19	16.01	50	49
Trombay 8	3.95	31.21	218	137
TATA Hydro	2.16	79.16	267	0
Total	16.51	291.76		
AEML				
DTPS U-1&2	5.16	97.45	252	147
Total	5.16	97.45		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	114.86	1652.18	MSPGCL Total	129.78	1954.81
			MSPGCL Thml+Gas	119.51	1726.58	Koyna 1,2 & 4 Total	3.20	113.12
			MSPGCL Hydro	10.27	228.23	State Total	297.65	4695.07

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/Jul/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	4508	312	253	5073	1341	4304	0	0	4790	4814	-1219	14313	0	14313	1899	16212	50.00
2	4488	276	254	5018	1228	4183	0	0	4776	4673	-1099	14003	0	14003	1776	15779	50.00
3	4276	332	244	4852	1030	4435	0	0	4845	4897	-1014	14200	0	14200	1689	15889	49.99
4	4251	405	255	4911	851	4471	0	0	4910	5073	-967	14339	0	14339	1643	15982	49.99
5	4436	357	256	5049	817	4610	0	0	4917	5096	-962	14610	0	14610	1639	16249	50.02
6	4644	291	245	5180	691	5251	0	0	5062	5186	-1020	15288	0	15288	1696	16984	49.96
7	5162	400	255	5817	612	5351	0	35	5681	5611	-990	16436	0	16436	1775	18211	49.97
8	5244	525	253	6022	538	5404	0	183	5811	5790	-933	17004	0	17004	1965	18969	49.94
9	5191	319	244	5754	744	5411	0	281	6068	6163	-1171	17182	0	17182	2262	19444	50.01
10	5059	343	253	5655	741	5436	0	436	6426	6351	-1577	17042	0	17042	2533	19575	50.04
11	4800	390	252	5442	776	5346	0	499	6729	6468	-1628	16903	0	16903	2726	19629	50.05
12	4570	541	240	5351	754	4796	0	542	6909	6378	-1498	16323	0	16323	2785	19108	49.99
13	4504	388	250	5142	617	4438	0	592	6718	6468	-1471	15786	0	15786	2723	18509	50.00
14	4432	354	194	4980	872	4201	0	531	6562	6655	-1572	15667	0	15667	2584	18251	50.03
15	4463	364	119	4946	1059	4157	0	607	6468	6657	-1658	15768	0	15768	2581	18349	50.00
16	4433	363	120	4916	1385	4270	0	471	6370	6042	-1633	15451	0	15451	2562	18013	50.02
17	4449	376	122	4947	1210	4495	0	292	6067	5973	-1533	15384	0	15384	2462	17846	50.00
18	4612	546	120	5278	1282	4598	0	122	5686	5559	-1428	15411	0	15411	2376	17787	49.96
19	5010	604	122	5736	1280	5241	0	18	5308	4954	-1424	15805	0	15805	2315	18120	50.01
20	5204	730	112	6046	1255	5432	0	0	5099	5143	-1436	16440	0	16440	2291	18731	49.97
21	5357	696	122	6175	1467	5511	0	0	4461	4123	-1224	16052	0	16052	2279	18331	50.02
22	5354	364	121	5839	1228	5529	0	0	4097	4284	-1187	15693	0	15693	2201	17894	49.99
23	5278	573	122	5973	1065	5492	0	0	4121	4058	-1348	15240	0	15240	2149	17389	49.91
24	5137	418	123	5678	911	5469	0	0	4318	4235	-1343	14950	0	14950	2099	17049	50.00
MUs	114.86	10.27	4.65	129.78	23.75	117.83	0.00	4.61	132.20	130.65	-31.33	375.29	0.00	375.29	53.01	428.30	49.99

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/Jul/2021

Position as on 6.30 Hrs of 16/Jul/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	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	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	Bhusawal Unit 3	210	08/06/2021	00.34		Continued.	Zero Schedule.	
MSPGCL	Uran Unit 6	108	29/06/2021	22.18		Continued.	Gas shortage	
MSPGCL	Nasik Unit 4	210	04/07/2021	11.03		Continued.	Boiler Tube Leakage(Converted into to Zero Schedule from 20.00Hrs DT.06-07-2021)	
IPP	JSW (J) U3	300	09/07/2021	12.12		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 9	660	11/07/2021	12.10		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 8	250	12/07/2021	18.00		Continued.	Zero Schedule.	
AEML	AEML Unit 1	250	13/07/2021	12.43		Continued.	Turbine balancing work.	
MSPGCL	Koyana Unit 8	80	14/07/2021	08.00		Continued.	Preventive Maintenance Work	
IPP	RPL(AMT) U-3	270	15/07/2021	00.00		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 9	500	15/07/2021	02.00		Continued.	Annual Overhaul	
MSPGCL	Uran Unit 8	108	15/07/2021	13.45		Continued.	Gas shortage	
MSPGCL	Uran Unit B0	120	15/07/2021	13.45		Continued.	Gas shortage	
MSPGCL	Khaparkheda Unit 1	210	15/07/2021	23.57		Continued.	Zero schedule	
MSPGCL	Khaparkheda Unit 2	210	16/07/2021	00.12		Continued.	Zero schedule	
MSPGCL	Khaparkheda Unit 3	210	16/07/2021	00.29		Continued.	Zero schedule	
MSPGCL	Khaparkheda Unit 4	210	16/07/2021	02.00		Continued.	Zero schedule	

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

Statement-VII

Position as on 6.30 Hrs of 16/Jul/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
Chandrapur II - Dhariwal -I	InterState	15/07/2021	08.08	15/07/2021	11.18	EO	Attending Hot Spot
Khadka - Bableshtar	IntraState	06/07/2021	10.29		Continued.	PO	Samruddhi Expressway crossing 400kv Tower Erection ,stringing and dismantling work.
Girwali - Lonikand 1	IntraState	14/07/2021	09.29		Continued.	PO	Dismantling / De-stringing, tower erection and stringing work between span 258-259 for LILO arrangement to proposed 400kv karjat station.
Deepnagar - Aurangabad	IntraState	15/07/2021	08.40	15/07/2021	17.59	PO	Replacement of faulty disc insulator string.
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.
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)
EKLAHARE (OCR) Nasik Navsari II	InterState	15/07/2021	13.31	15/07/2021	17.56	PO	Replacement of SEMs Meters due to time drift issue.
Chikhli-Jalna-I	IntraState	12/07/2021	08.59	15/07/2021	11.10	PO	To facilitate lct outage at 400kv akola S/ST.
Chikhli-Jalna-II	IntraState	12/07/2021	08.59	15/07/2021	11.10	PO	To facilitate lct 1 outage at 400kv akola S/ST.
Chakan (400kv)-Bridgestone	IntraState	15/07/2021	09.29	15/07/2021	18.29	PO	LILO line for taking 220kv line-2 at 220kv Volkswagon SS in service & work of jumpering from bus section iso to existing bus & the stringing work loc 31-32 M/C line.
Chakan (400kv)-Volkswagon	IntraState	15/07/2021	09.32	15/07/2021	16.46	PO	LILO line for taking 220kv line-2 at 220kv Volkswagon SS in service & work of jumpering from bus section iso to existing bus & the stringing work loc 31-32 M/C line.
Trombay - Mulund	IntraState	15/07/2021	09.51	15/07/2021	18.46	PO	Stringing of OPGW cable from loc no.65 to 73.
Butibori - Khaperkheda	IntraState	15/07/2021	11.14	15/07/2021	14.06	PO	Diagnostic testing and commissioning of PT selection panel work.
Eklahara-(Ocr)(Nashik)-Navasari I	IntraState	15/07/2021	13.31	15/07/2021	15.28	PO	Replacement of SEMs Meters due to time drift issue.
Phulambri-Bhokardan	IntraState	15/07/2021	20.05	15/07/2021	20.50	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva lct 2 @Tuljapur	IntraState	15/07/2021	10.52	15/07/2021	18.32	PO	Side work and Testing of HV CB.
220/132 Kv lct 1 200 Mva @Parbhani	IntraState	15/07/2021	11.35	15/07/2021	14.32	T	Distance Protection

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