

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Jun/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	103.499	2761.863	1) Gujrat	-3.038	20.067
2) Hydro	10.801	370.795	2) Madhya Pradesh	4.276	183.086
3) Gas	6.496	198.062	3) Chattisgarh	4.890	163.280
Total MSPGCL	120.796	3330.720	4) Maharashtra	127.034	3793.352
B) 1) APLM	67.261	1331.231	5) Goa (Amona)	-1.062	-39.284
2) JSWEL	20.523	566.462	Total	132.100	4120.501
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.725	805.562
4) RPL(AMT)	24.880	706.134	b) Mumbai Drawl	27.653	721.536
5) SWPGPL	2.845	115.412	c) MSEDCL Bilateral *	27.776	1059.482
6) Other IPP	7.490	230.432	Include PX	-2.249	226.734
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.959	803.553
C) 1) TPCL Thermal	13.796	382.674	Include PX	17.743	435.824
2) TPCL Hydro	4.633	116.463	Standby	0.766	2.009
3) TPCL Gas	2.630	103.290	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.024	151.149	1) MSEDCL	370.234	10794.340
D) STATE			2) Mumbai Discoms	53.736	1475.106
1) Thermal	245.318	6245.357	TOTAL STATE	423.970	12269.446
(A1+C1+C4+(B1-B6))					
2) Hydro	15.434	487.258			
(A2+C2)					
3) Gas	9.126	301.352			
(A3+B7+C3)					
4) Wind	16.708	936.341			
6) SOLAR	5.284	178.643			
TOTAL STATE	291.870	8148.951			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4402	4632	4463	3786
MSPGCL Hydro	443	542	622	282
MSPGCL Gas	265	275	275	272
MSPGCL Total Generation	5110	5449	5360	4340
Central Sector Receipt	6485	6074	5047	5040
WIND	238	447	1226	686
CPP / IPP Thermal	5477	5272	5700	4334
CPP / IPP Gas	0	0	0	0
SOLAR	756	487	0	0
Exchange with Mumbai	-1495	-1374	-1069	-934
MSEDCL DEMAND MET	16571	16355	16264	13466
Load Shedding	0	0	0	0
MSEDCL DEMAND	16571	16355	16264	13466
TPCL GENERATION	1018	1017	1017	663
AEML GENERATION	249	249	250	144
MUMBAI DEMAND	2762	2640	2336	1741
STATE DEMAND MET	19333	18995	18600	15207
STATE DEMAND	19333	18995	18600	15207
Frequency (Hz)	49.98	49.97	49.90	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 18.04 Hrs	49.84 Hz at 19.47 Hrs	49.97	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 28/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	11.22	92.20	510	372
Unit 9	10.32	227.10	492	341
Unit 10	9.94	296.53	480	370
Total	31.48	615.82		
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	3.33	67.62	148	124
Unit 4	3.59	97.89	167	123
Unit 5	8.30	230.12	400	281
Unit 6	8.61	243.17	400	285
Unit 7	0.00	0.00	0	0
Unit 8	10.39	265.93	448	411
Unit 9	10.62	250.31	456	414
Total	44.84	1155.02		
Paras				
Unit 3	4.09	64.60	234	125
Unit 4	0.00	47.54	0	0
Total	4.09	112.14		
Khaparkheda				
Unit 1	0.00	28.10	0	0
Unit 2	3.16	76.08	180	115
Unit 3	3.51	85.04	193	130
Unit 4	3.64	84.40	205	130
Unit 5	10.45	307.56	490	305
Total	20.75	581.18		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	2.34	101.52	197	0
Unit 5	0.00	0.00	0	0
Total	2.34	101.52		
Uran				
All Units	6.50	198.06	293	264
Total	6.50	198.06		
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)	0.56	11.38	25	22
Total	0.56	11.38		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.88	74.06	380	40
Stage 4	0.46	65.51	185	0
Stage 3	1.20	40.76	160	0
Total	4.55	180.33		
Hydro				
KDPH	0.79	9.35	33	33
VTRNA	0.00	17.54	0	0
TILLARI	0.17	17.37	58	0
BHIRA T.R.	0.43	8.58	80	0
SMLHY_PTN	4.56	131.24	201	178
GHATGHAR	0.29	6.40	125	0
Total	6.25	190.46		
Wind				
Total	16.71	936.34	0	0
Total	16.71	936.34		
CPP				
APML(Mus)	67.26	1331.23	0	0
JSWEL(Mus)	20.52	566.46	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	24.88	706.13	0	0
SWPGPL-Mus	2.84	115.41	0	0
Other(Mus)	7.49	230.43	0	0
Total	123.00	2949.67		
SOLAR				
Total	5.28	178.64	0	0
Total	5.28	178.64		
Tata				
Trombay 5	9.31	251.40	469	280
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.47	63.66	68	52
Trombay 7B	1.16	39.63	52	43
Trombay 8	4.48	131.28	220	140
TATA Hydro	4.63	116.46	293	104
Total	21.06	602.43		
AEML				
DTPS U-1&2	5.02	151.15	250	143
Total	5.02	151.15		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	103.50	2761.86	MSPGCL Total	120.80	3330.72
			MSPGCL Thml+Gas	110.00	2959.92	Koyna 1,2 & 4 Total	3.35	139.58
			MSPGCL Hydro	10.80	370.80	State Total	291.87	8148.95

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/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	4098	256	272	4626	669	4536	0	0	4903	5194	-1153	13872	0	13872	1964	15836	50.04
2	3796	271	293	4360	957	4365	0	0	5060	5392	-1029	14045	0	14045	1840	15885	50.02
3	3786	282	272	4340	686	4334	0	0	4872	5040	-934	13466	0	13466	1741	15207	49.99
4	3778	279	274	4331	727	4309	0	0	4896	5116	-897	13586	0	13586	1670	15256	50.02
5	3865	276	272	4413	677	4297	0	0	4898	5316	-891	13812	0	13812	1656	15468	49.99
6	4201	341	273	4815	765	4442	0	0	5398	5861	-928	14955	0	14955	1705	16660	50.01
7	4243	350	272	4865	728	4566	0	29	6087	6262	-961	15489	0	15489	1761	17250	49.97
8	4228	536	282	5046	479	4605	0	175	5971	6993	-1111	16187	0	16187	1935	18122	50.04
9	4385	875	272	5532	451	4784	0	366	5887	6493	-1367	16259	0	16259	2206	18465	50.00
10	4639	972	269	5880	385	5311	0	553	6061	5932	-1430	16631	0	16631	2510	19141	49.98
11	4444	529	267	5240	236	5548	0	706	6541	6209	-1464	16476	0	16476	2710	19186	49.95
12	4402	443	265	5110	238	5477	0	756	6495	6485	-1495	16571	0	16571	2762	19333	49.98
13	4477	410	265	5152	184	5344	0	772	6486	6265	-1457	16260	0	16260	2728	18988	49.93
14	4485	296	264	5045	322	5180	0	633	6271	6077	-1368	15889	0	15889	2638	18527	50.02
15	4632	542	275	5449	447	5272	0	487	6162	6074	-1374	16355	0	16355	2640	18995	49.97
16	4582	268	267	5117	565	5509	0	385	5990	6014	-1295	16295	0	16295	2633	18928	50.05
17	4507	267	265	5039	938	5533	0	275	5703	5539	-1267	16057	0	16057	2549	18606	50.05
18	4305	308	265	4878	1073	5571	0	134	5526	5250	-1200	15706	0	15706	2456	18162	49.97
19	4237	280	267	4784	1225	5647	0	13	5489	5065	-1096	15638	0	15638	2356	17994	50.01
20	4463	622	275	5360	1226	5700	0	0	5216	5047	-1069	16264	0	16264	2336	18600	49.90
21	4542	651	264	5457	1139	5707	0	0	4700	4247	-1008	15542	0	15542	2285	17827	49.81
22	4570	562	267	5399	1074	5687	0	0	4487	4158	-972	15346	0	15346	2249	17595	49.82
23	4481	752	269	5502	873	5658	0	0	4223	4046	-953	15126	0	15126	2217	17343	49.90
24	4353	433	270	5056	644	5616	0	0	4294	4025	-934	14407	0	14407	2189	16596	49.95
MUs	103.50	10.80	6.50	120.80	16.71	123.00	0.00	5.28	131.62	132.10	-27.65	370.23	0.00	370.23	53.74	423.97	49.97

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 28/Jun/2021

Position as on 6.30 Hrs of 29/Jun/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 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.	
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		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 5	500	11/06/2021	16.35		Continued.	Zero Schedule By MSEDCL	
IPP	JSW (J) U2	300	20/06/2021	04.30		Continued.	Generator maintenance work.	
MSPGCL	Uran Unit 6	108	23/06/2021	16.10	29/06/2021	12.40	Gas shortage	
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.)	
MSPGCL	Nasik Unit 4	210	28/06/2021	16.45	28/06/2021	22.43	Rotor Earth fault.	
MSPGCL	Nasik Unit 4	210	28/06/2021	23.45	29/06/2021	16.52	HP heaters level high.	
TPC_G	Trombay 8	250	29/06/2021	09.12		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	29/06/2021	19.58		Continued.	Generator Protection operated	
MSPGCL	Uran Unit 6	108	29/06/2021	22.18		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Jun/2021

Statement-VII

Position as on 6.30 Hrs of 29/Jun/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
Warora -IEPL	IntraState	18/06/2021	07.28	29/06/2021	17.06	PO	Shifting of Line on Newly erected Tower
Bableshwar- Aurangabad (Waluj)	IntraState	23/06/2021	09.26		Continued.	PO	Samruddhi expressway crossing 400kv line diversion work.
Khadka-Aurangabad (Waluj)	IntraState	26/06/2021	22.24	28/06/2021	09.58	HT	Over Voltage
Karad-Jaigad - I	IntraState	27/06/2021	20.01	28/06/2021	09.36	HT	Over Voltage
Padghe - Nagothane - II	IntraState	28/06/2021	09.00	28/06/2021	14.47	PO	For R ph jumper replacement work at loc no 1.
Khadka-Aurangabad (Waluj)	IntraState	28/06/2021	22.02	29/06/2021	08.11	HT	Over Voltage
Karad - Jaigad - II	IntraState	28/06/2021	22.14	29/06/2021	07.38	HT	Over Voltage
karad -kolhapur-I	IntraState	28/06/2021	23.22	29/06/2021	07.40	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	29/06/2021	05.07	29/06/2021	12.29	T	Distance Protection
Karad - Talandge Ckt 2	IntraState	29/06/2021	12.45	29/06/2021	17.08	EO	attending Hot Spot on 29 A Y ph PG isolator Bus-I Quadruple spacer by Hot Line Unit, Ogalewadi.
Khadka-Aurangabad (Waluj)	IntraState	29/06/2021	21.11		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	29/06/2021	22.54		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	29/06/2021	22.55		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)
400/220kv 315 Mva ICT I @Karad	IntraState	28/06/2021	08.29	28/06/2021	11.33	PO	To attend DC leakage in FD(Fire Detector) on to body of R ph unit of ICT-I unit.
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	29/06/2021	21.35	29/06/2021	23.12	T	tripped On Jerk.
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.
BHIRA (T) - KARANJADE CKT - 8	IntraState	21/06/2021	07.16		Continued.	PO	Conductor replacement in span 136 -137 DECC work.
Pophali - Nerale	IntraState	28/06/2021	09.50	28/06/2021	15.50	EO	To Attend Hot Spot At Pophali End. Requesting Since Saturday.
Chandrapur(MIDC)-Ballarshah II	IntraState	28/06/2021	11.10	28/06/2021	14.40	HT	Abnormal Sound From BPH CC.
Chandrapur GCR - Cpurrytss1	IntraState	28/06/2021	11.32	28/06/2021	16.44	PO	Testing Work.
Uran - Apta IV	IntraState	28/06/2021	11.43	28/06/2021	16.45	PO	For Y-ph CT replacement and relay testing work.
Karad(400kv) -Nigade	IntraState	28/06/2021	12.50	28/06/2021	15.19	PO	For extension of New PT metering core, CT Tan Delta and routine maintenance.
Sonkhar - Trombay	IntraState	28/06/2021	14.43	28/06/2021	18.47	T	Distance Protection
Flagship-Chinchwad	IntraState	29/06/2021	07.50	29/06/2021	08.10	EO	Bird Nest Removal.
Malharpeth - Karad(400kv)	IntraState	29/06/2021	10.13	29/06/2021	15.11	PO	For extension of new PT metering core, CT Tan Delta and routine maintenance.

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 28/Jun/2021

Statement-VII

Position as on 6.30 Hrs of 29/Jun/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
New Koyna - Loteparshuram	IntraState	29/06/2021	10.24	29/06/2021	13.12	EO	Emergency outage on 50 MVA TF 1 & 220 KV New Koyna Line for replacing earth wire.
Chandrapur GCR - Cpur Rly Tss 2	IntraState	29/06/2021	10.34	29/06/2021	14.20	PO	For drilling holes, cable in warding, glanding & dressing at CP/RP panel, fixing of MFM METER & CMR RELAY on panel for MTAMC.
Peth- Mudshingi -I	IntraState	29/06/2021	11.03	29/06/2021	14.45	PO	Relay testing work.
Tuljapur-Lamboti(Tap to Vairag s/st.)	IntraState	29/06/2021	11.13	29/06/2021	17.19	PO	For alignment of 89 A isolator of 220 Kv Tuljapur ckt-2
Maisal-Jath I	IntraState	29/06/2021	11.21	29/06/2021	17.48	PO	String replacement & earth bond fixing.
Satana-Gangapur	IntraState	29/06/2021	11.22	29/06/2021	18.35	PO	Replacements of Jumpers with Jump cone at location No. 183,184,185,186,187,188,194,201,202,204,205,206,207&211.
220 KV JALKOT - NANDED (KUMBHARGAON) CKT - 2	IntraState	29/06/2021	12.52	29/06/2021	16.49	PO	Relay Routine Testing.
Sadawaghapur Karad Ckt 2	IntraState	29/06/2021	14.07	29/06/2021	18.46	PO	Replacement of R ph LA, CB timing and CRM test on CB.
Lamboti -Solapur li(Bale) Ckt- II	IntraState	29/06/2021	21.35	29/06/2021	22.50	T	Distance Protection
Lamboti - Solapur li(Bale) Ckt- I	IntraState	29/06/2021	21.35		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132KV 100MVA -1@Alephata	IntraState	28/06/2021	09.32	28/06/2021	15.51	PO	For LV Circuit Breaker Drive Mechanism overhauling work.
220/132-110kv 100mva Imp Ptr 2 @Wathar	IntraState	28/06/2021	09.57	28/06/2021	20.11	PO	Quarterly Maintenance Work & Diagnostic testing work.
220/100 Kv 200 MVA ICT I @Pal-Dombivali	IntraState	28/06/2021	10.05	28/06/2021	13.45	PO	Rectification of DC Leakage on OSR cable.
220/132 kv 100 MVA ICT II@Malegaon	IntraState	28/06/2021	10.14	28/06/2021	17.30	PO	Diagnostic Testing Work.
220/100 Kv 200 Mva Vijai Ict 3 @Trombay	IntraState	28/06/2021	14.59	28/06/2021	23.15	HT	Heavy sparking observed in tata yard.

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