

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Jun/2021 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	107.185	2236.663	1) Gujrat	-1.346	22.080
2) Hydro	18.000	323.438	2) Madhya Pradesh	7.785	158.955
3) Gas	4.883	167.030	3) Chattisgarh	5.860	138.750
Total MSPGCL	130.068	2727.131	4) Maharashtra	128.759	3175.346
B) 1) APLM	66.310	985.636	5) Goa (Amona)	-1.803	-33.747
2) JSWEL	20.428	464.487	Total	139.255	3461.384
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.441	654.784
4) RPL(AMT)	29.850	592.543	b) Mumbai Drawl	28.846	587.886
5) SWPGPL	2.849	100.996	c) MSEDCL Bilateral *	35.079	902.250
6) Other IPP	9.416	189.691	Include PX	4.463	215.055
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.441	653.979
C) 1) TPCL Thermal	14.806	313.894	Include PX	16.633	352.505
2) TPCL Hydro	5.333	94.073	Standby	0.000	0.805
3) TPCL Gas	2.538	91.937	H) ENERGY CATERED (MUs)		
4) AEML Thermal	6.014	124.703	1) MSEDCL	409.400	8866.930
D) STATE			2) Mumbai Discoms	57.534	1212.489
1) Thermal	256.858	5008.613	TOTAL STATE	466.934	10079.419
(A1+C1+C4+(B1-B6))					
2) Hydro	23.333	417.511			
(A2+C2)					
3) Gas	7.421	258.967			
(A3+B7+C3)					
4) Wind	34.415	778.840			
6) SOLAR	5.655	154.108			
TOTAL STATE	327.682	6618.039			

* 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 24 Hrs
MSPGCL Thermal	4677	4701	4416	4400
MSPGCL Hydro	672	768	753	340
MSPGCL Gas	243	234	140	140
MSPGCL Total Generation	5592	5703	5309	4880
Central Sector Receipt	6323	6509	5520	4713
WIND	1716	1173	1482	1242
CPP / IPP Thermal	5562	5591	5602	5646
CPP / IPP Gas	0	0	0	0
SOLAR	631	770	0	0
Exchange with Mumbai	-1329	-1496	-1224	-1379
MSEDCL DEMAND MET	18495	18250	16689	15102
Load Shedding	0	0	0	0
MSEDCL DEMAND	18495	18250	16689	15102
TPCL GENERATION	1029	1051	933	833
AEML GENERATION	250	250	251	250
MUMBAI DEMAND	2608	2797	2408	2462
STATE DEMAND MET	21103	21047	19097	17564
STATE DEMAND	21103	21047	19097	17564
Frequency (Hz)	50.01	49.99	50.02	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 07:57 Hrs	49.77 Hz at 06:41 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 23/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	11.32	37.39	560	328
Unit 9	11.42	174.17	500	430
Unit 10	9.30	246.50	450	320
Total	32.04	458.06		
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	3.40	50.66	146	134
Unit 4	3.92	79.22	167	161
Unit 5	9.44	186.69	415	372
Unit 6	9.09	199.25	395	360
Unit 7	0.00	0.00	0	0
Unit 8	11.02	214.33	475	440
Unit 9	10.14	200.70	465	364
Total	47.01	930.85		
Paras				
Unit 3	1.71	44.34	230	0
Unit 4	0.00	47.54	0	0
Total	1.71	91.88		
Khaparkheda				
Unit 1	0.00	28.10	0	0
Unit 2	3.34	60.84	180	40
Unit 3	3.74	67.33	195	25
Unit 4	3.82	66.60	207	0
Unit 5	11.67	251.62	500	450
Total	22.56	474.48		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.86	85.22	177	118
Unit 5	0.00	0.00	0	0
Total	3.86	85.22		
Uran				
All Units	4.88	167.03	261	136
Total	4.88	167.03		
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)	0.53	9.92	24	21
Total	0.53	9.92		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.62	63.78	360	35
Stage 4	5.15	64.72	956	0
Stage 3	2.74	36.13	240	80
Total	11.51	164.63		
Hydro				
KDPH	0.79	5.39	33	33
VTRNA	0.40	17.54	59	0
TILLARI	0.58	15.63	58	0
BHIRA T.R.	0.42	6.42	80	0
SMLHY_PTN	4.26	109.06	187	168
GHATGHAR	0.03	4.76	33	0
Total	6.49	158.81		
Wind				
Total	34.42	778.84	0	0
Total	34.42	778.84		
CPP				
APML(Mus)	66.31	985.64	0	0
JSWEL(Mus)	20.43	464.49	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	29.85	592.54	0	0
SWPGPL-Mus	2.85	101.00	0	0
Other(Mus)	9.42	189.69	0	0
Total	128.85	2333.35		
SOLAR				
Total	5.66	154.11	0	0
Total	5.66	154.11		
Tata				
Trombay 5	10.51	205.12	453	394
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.42	57.41	81	50
Trombay 7B	1.12	34.52	55	41
Trombay 8	4.30	108.78	228	0
TATA Hydro	5.33	94.07	294	84
Total	22.68	499.90		
AEML				
DTPS U-1&2	6.01	124.70	251	250
Total	6.01	124.70		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	107.18	2236.66	MSPGCL Total	130.07	2727.13
			MSPGCL Thml+Gas	112.07	2403.69	Koyna 1,2 & 4 Total	8.77	128.50
			MSPGCL Hydro	18.00	323.44	State Total	327.68	6618.04

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/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	4071	1186	250	5507	1338	4837	0	0	5369	5338	-1096	15924	0	15924	2298	18222	50.01
2	4090	1252	250	5592	1379	4837	0	0	5170	5150	-951	16007	0	16007	2131	18138	50.03
3	4249	726	250	5225	1269	4857	0	0	5458	5317	-831	15837	0	15837	2000	17837	50.00
4	4389	642	239	5270	1252	4843	0	0	5288	5137	-778	15724	0	15724	1902	17626	49.98
5	4507	824	250	5581	1306	4869	0	0	5291	5263	-745	16274	0	16274	1866	18140	49.97
6	4459	997	242	5698	1455	4823	0	0	5745	5852	-770	17058	0	17058	1901	18959	50.00
7	4526	1528	261	6315	1234	4861	0	73	6641	6674	-764	18393	0	18393	1911	20304	49.90
8	4577	522	251	5350	1258	5414	0	245	7009	6855	-845	18277	0	18277	2055	20332	50.02
9	4618	612	223	5453	1472	5534	0	438	6601	6660	-1115	18442	0	18442	2327	20769	50.00
10	4677	672	243	5592	1716	5562	0	631	6480	6323	-1329	18495	0	18495	2608	21103	50.01
11	4703	529	223	5455	1424	5564	0	730	6533	6491	-1501	18163	0	18163	2792	20955	50.02
12	4704	527	245	5476	1409	5538	0	832	6607	6447	-1502	18200	0	18200	2819	21019	49.98
13	4701	768	234	5703	1173	5591	0	770	6516	6509	-1496	18250	0	18250	2797	21047	49.99
14	4626	500	213	5339	1268	5617	0	641	6304	6347	-1447	17765	0	17765	2735	20500	50.02
15	4479	651	204	5334	1502	5606	0	590	6336	6536	-1486	18082	0	18082	2771	20853	50.03
16	4452	996	194	5642	1758	5618	0	359	6204	6260	-1509	18128	0	18128	2795	20923	50.01
17	4479	699	142	5320	2127	5626	0	236	6151	5936	-1455	17790	0	17790	2718	20508	50.02
18	4285	488	136	4909	1967	5605	0	98	5893	5893	-1357	17115	0	17115	2577	19692	49.97
19	4449	582	137	5168	1663	5584	0	12	5627	5295	-1235	16487	0	16487	2435	18922	50.01
20	4416	753	140	5309	1482	5602	0	0	5549	5520	-1224	16689	0	16689	2408	19097	50.02
21	4434	958	138	5530	1304	5603	0	0	5157	5111	-1359	16189	0	16189	2403	18592	49.97
22	4430	790	139	5359	1189	5609	0	0	5046	4810	-1322	15645	0	15645	2394	18039	49.99
23	4464	458	139	5061	1228	5607	0	0	5120	4818	-1350	15364	0	15364	2432	17796	49.96
24	4400	340	140	4880	1242	5646	0	0	5168	4713	-1379	15102	0	15102	2462	17564	50.02
MUs	107.18	18.00	4.88	130.07	34.42	128.85	0.00	5.65	141.26	139.25	-28.85	409.40	0.00	409.40	57.54	466.94	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 23/Jun/2021

Position as on 6.30 Hrs of 24/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	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-4	135	08/06/2021	00.04	24/06/2021	19.49	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 3	250	10/06/2021	16.00	23/06/2021	12.52	Zero scheduled given by MSEDCL	
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	
MSPGCL	Uran Unit 5	108	17/06/2021	02.42	24/06/2021	08.52	Stator earth fault.	
MSPGCL	Khaparkheda Unit 3	210	17/06/2021	02.54	23/06/2021	00.34	Zero Schedule.	
MSPGCL	Khaparkheda Unit 4	210	17/06/2021	15.54	23/06/2021	01.40	Zero Schedule.	
IPP	JSW (J) U2	300	20/06/2021	04.30		Continued.	Generator maintenance work.	
MSPGCL	Paras Unit 3	250	23/06/2021	13.07	23/06/2021	14.52	Loss of AC Supply.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 23/Jun/2021

Position as on 6.30 Hrs of 24/Jun/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 6	108	23/06/2021	16.10		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	23/06/2021	16.10	24/06/2021	13.38	Gas shortage	
TPC_G	Trombay 8	250	23/06/2021	20.20	23/06/2021	23.58	PA Fan problem	
IPP	RPL(AMT) U-2	270	24/06/2021	10.00	24/06/2021	17.36	Hotspot On Isolator.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Jun/2021

Statement-VII

Position as on 6.30 Hrs of 24/Jun/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400KV 1500MVA ICT II @ Aurangabad (Ektuni)	IntraState	22/06/2021	20.34	23/06/2021	06.11	HT	Heavy spark on R PH LV (400 KV) equipment isolator.
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 Khandwa I	InterState	24/06/2021	09.33	24/06/2021	21.20	PO	PG Work At Dhule End.
Akola Wardha li	InterState	24/06/2021	12.05	24/06/2021	19.09	EO	Tie Bay Of 400KV Akla-2 Line For Attending Maintenance Bay Isolator(41689B) Issue.
Warora -IEPL	IntraState	18/06/2021	07.28		Continued.	PO	Shifting of Line on Newly erected Tower
koaradi II - Wardha(PG)	IntraState	18/06/2021	08.26		Continued.	PO	Shifting of Line on Newly erected Tower
Karad - Jaigad - II	IntraState	22/06/2021	13.26	23/06/2021	08.17	PO	For Replacement Of Energy Meter.
Taptitanda Waluj	IntraState	22/06/2021	20.49	23/06/2021	07.05	HT	Control Loading of 1500MVA ict 2 at ektuni ss.
karad -kolhapur-II	IntraState	22/06/2021	23.12	23/06/2021	11.33	HT	Over Voltage
Deepnagar Taptitanda	IntraState	23/06/2021	06.11	23/06/2021	06.47	HT	hand trip for load management.
Bableshwar- Aurangabad (Waluj)	IntraState	23/06/2021	09.26		Continued.	PO	Samruddhi expressway crossing 400kv line diversion work.
Karad-Jaigad - I	IntraState	24/06/2021	02.25	24/06/2021	08.52	HT	Over Voltage
Bus Coupler @ Padgha	IntraState	24/06/2021	16.11	24/06/2021	20.21	PO	Replacement Of B Bus B-Phase PG Isolator As Cooper Profile Found Burn.
Khadka-Aurangabad (Waluj)	IntraState	24/06/2021	20.27		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	24/06/2021	21.52		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 KV 315 MVA ICT-I @ Nagothane	IntraState	23/06/2021	09.15	23/06/2021	18.30	PO	CTR AMC work
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	23/06/2021	10.00	23/06/2021	18.33	PO	Diagnostic testing work.
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	24/06/2021	09.15	24/06/2021	17.28	PO	CTR AMC Work.
400/220/33 Kv 315 Mva Ict 2 @Parali (Girwali)	IntraState	24/06/2021	21.17		Continued.	T	Distance Protection
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.
Badnera - Nandgaonpeth	IntraState	22/06/2021	05.34		Continued.	HT	To control AKOLA ICTS.
Badnera - Amravati	IntraState	22/06/2021	05.34		Continued.	HT	To control AKOLA ICTS.
Aurangabad (waluj)-Taptitanda ckt-1	IntraState	23/06/2021	04.55	23/06/2021	06.32	PO	Load management.
Dahanu-Viraj	IntraState	23/06/2021	08.32	23/06/2021	18.31	PO	ADTPS - Annual maintenance breaker pole overhauling & testing. Bay 03 overhauling of isolator-A.

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 23/Jun/2021

Statement-VII

Position as on 6.30 Hrs of 24/Jun/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Waluj-Padegaon I	IntraState	23/06/2021	11.33	24/06/2021	17.30	PO	Reorientation of line at 220kv padegaon s/s for 2nd ckt stringing of padegaon-sawangi line.
Kamba - Kolshet	IntraState	23/06/2021	12.11	23/06/2021	19.06	PO	Online stringing of OPGW cable on 220Kv Kamba-Kolshet line.
Uran - Kharghar 2	IntraState	23/06/2021	13.27		Continued.	PO	To carry out the new inline tower erection at loc no.47 for height raising work.
Padghe - Temghar	IntraState	23/06/2021	23.06	24/06/2021	03.04	EO	Attending Hot Spot
Chandrapur GCR -MIDC (Chandrapur)	IntraState	24/06/2021	08.58	24/06/2021	17.29	PO	Diagnostic Testing Work.
Koradi-Ambazari-I	IntraState	24/06/2021	09.26	24/06/2021	16.46	PO	For Replacement Of Flashover Strings At Various Location.
BHUGAON WARORA CKT-I	IntraState	24/06/2021	10.38	24/06/2021	14.37	PO	For Tan Delta Measurement Of CT, CC.
Lamboti - Solapur li(Bale) Ckt- I	IntraState	24/06/2021	10.54	24/06/2021	15.46	PO	220KV Lamboti-Solapur Ckt 1 29D Isolator Motorized Box Replacement Work.
Wani-Warora	IntraState	24/06/2021	11.30	24/06/2021	15.01	EO	Attending Hot Spot
Tambati - Adlabs	IntraState	24/06/2021	14.35	24/06/2021	17.48	EO	Attending Hot Spot
Bus section-I @ Tambati	IntraState	24/06/2021	14.36	24/06/2021	17.27	EO	Outage Required On 220KV Tambati-Adlabs And 220/100KV 100MVA ICT-1 Floor Attending Hotspots On 220KV Tambati-Adlabs Line.
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Cgl Ict 1 @Bale (Solapur 2)	IntraState	23/06/2021	10.36	23/06/2021	13.42	PO	Outage is required for Tan delta of CT, Bushing & Winding to be taken.
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	24/06/2021	07.40	24/06/2021	11.07	PO	For Safety Purpose For Shifting Winching, Of 550MVA, 100/220KV PTR Under 100KV Bus Section-2.
220/100 Kv 200 MVA ICT II @Kolshet	IntraState	24/06/2021	07.40	24/06/2021	11.07	PO	For Safety Purpose For Shifting Winching, Of 550MVA, 100/220KV PTR Under 100KV Bus Section-2.
220/100 Kv 100 Mva Emco Ict 1 @Tambati	IntraState	24/06/2021	14.33	24/06/2021	17.29	EO	Attending Hot Spot

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