

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Jun/2023 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	165.023	1697.754	1) Gujrat	-3.264	-37.146
2) Hydro	5.854	197.497	2) Madhya Pradesh	4.547	65.333
3) Gas	4.516	54.886	3) Chattisgarh	2.760	32.890
Total MSPGCL	175.393	1950.137	4) Maharashtra	205.536	2374.342
B) 1) APLM	62.749	722.252	5) Goa (Amona)	-0.872	-15.957
2) JSWEL	21.752	269.477	Total	208.707	2419.462
3) VIPL	0.000	0.000	a) Mumbai Schedule	38.938	473.925
4) RPL(AMT)	31.401	339.882	b) Mumbai Drawl	42.265	523.433
5) SWPGPL	10.626	113.916	c) MSEDCL Bilateral *	106.691	1197.969
6) Other IPP	7.406	43.994	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	38.938	473.738
C) 1) TPCL Thermal	11.592	139.876	Include PX	0.000	0.000
2) TPCL Hydro	3.385	59.402	Standby	0.000	0.187
3) TPCL Gas	1.739	22.460	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.392	98.398	1) MSEDCL	506.611	5711.619
D) STATE			2) Mumbai Discoms	68.373	843.569
1) Thermal	319.941	3425.549	3) Other Discoms	10.425	117.512
(A1+C1+C4+(B1-B6))			TOTAL STATE	585.409	6672.700
2) Hydro (A2+C2)	9.239	256.899			
3) Gas (A3+B7+C3)	6.255	77.346			
4) Wind	26.355	317.604			
6) SOLAR	14.912	175.840			
TOTAL STATE	376.702	4253.238			

* 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 16 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	6362	6872	6965	7152
MSPGCL Hydro	187	129	364	303
MSPGCL Gas	177	177	193	196
MSPGCL Total Generation	6726	7178	7522	7651
Central Sector Receipt	9051	9121	7909	8974
WIND	1606	1881	1060	374
CPP / IPP Thermal	4580	5063	6505	5365
CPP / IPP Gas	0	0	0	0
SOLAR	1954	1087	0	534
Exchange with Mumbai	-2002	-2071	-1799	-1646
MSEDCL DEMAND MET	21450	21805	20752	20806
Load Shedding	0	0	0	0
MSEDCL DEMAND	21450	21805	20752	20806
TPCL GENERATION	528	619	755	549
AEML GENERATION	298	410	299	350
MUMBAI DEMAND	2828	3100	2853	2545
OTHER DISCOM DEMAND	465	454	445	446
STATE DEMAND MET	24743	25359	24050	23797
STATE DEMAND	24743	25359	24050	23797
Frequency (Hz)	49.95	49.97	49.97	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.21 Hz at 09.02 Hrs	49.73 Hz at 03.11 Hrs	49.98	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Daily and Progressive Generation,Maximum,Minimum for 11/Jun/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.43	51.58	190	165
Unit 8	13.32	74.61	586	505
Unit 9	14.23	60.31	601	563
Unit 10	12.67	142.95	545	500
Total	44.65	329.45		
Bhusawal				
Unit 3	3.16	25.29	150	120
Unit 4	10.00	108.39	460	355
Unit 5	10.68	117.12	485	355
Total	23.84	250.80		
Parli				
Unit 6	3.11	51.14	240	0
Unit 7	4.21	52.59	234	119
Unit 8	3.84	47.14	192	144
Total	11.17	150.88		
Chandrapur				
Unit 3	3.61	30.43	162	123
Unit 4	2.72	39.36	158	0
Unit 5	0.00	0.00	0	0
Unit 6	8.81	79.80	405	290
Unit 7	9.49	103.42	438	296
Unit 8	9.62	119.19	453	299
Unit 9	10.86	123.37	499	317
Total	45.10	495.58		
Paras				
Unit 3	4.62	54.71	221	149
Unit 4	2.85	54.79	230	0
Total	7.47	109.50		
Khaparkheda				
Unit 1	3.00	32.39	140	110
Unit 2	2.93	32.31	140	107
Unit 3	4.08	35.01	185	134
Unit 4	3.97	44.80	185	123
Unit 5	11.19	118.81	470	460
Total	25.16	263.33		
Nasik				
Unit 3	0.00	10.09	0	0
Unit 4	3.83	44.60	178	118
Unit 5	3.79	43.54	173	125
Total	7.63	98.24		
Uran				
All Units	4.52	54.89	202	167
Total	4.52	54.89		
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)	0.05	1.03	17	0
Total	0.05	1.03		
Koyna				
Stage 1-2	1.54	45.91	245	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	0.00	81.22	0	0
Stage 3	0.49	29.11	160	0
Total	2.04	156.24		
Hydro				
KDPH	0.20	4.03	9	8
VTRNA	1.23	12.33	61	0
TILLARI	0.00	1.04	0	0
BHIRA T.R.	0.30	4.07	80	0
SMLHY_PTN	2.03	18.56	117	62
GHATGHAR	0.00	0.19	0	0
Total	3.77	40.23		
Wind				
Total	26.36	317.60	0	0
Total	26.36	317.60		
CPP				
APML(Mus)	62.75	722.25	0	0
JSWEL(Mus)	21.75	269.48	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.40	339.88	0	0
SWPGPL-Mus	10.63	113.92	0	0
Dhariwal	0.00	0.00	0	0
IEPL	5.31	18.21	270	152
Other(Mus)	2.09	25.79	0	0
Total	133.93	1489.52		
SOLAR				
Total	14.91	175.84	0	0
Total	14.91	175.84		
Tata				
Trombay 5	7.62	91.60	418	268
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.92	12.21	44	36
Trombay 7B	0.82	10.25	39	33
TATA Hydro	3.38	59.40	379	4
Trombay 8	3.97	48.28	228	129
Total	16.72	221.74		
AEML				
DTPS U-1&2	9.39	98.40	501	298
Total	9.39	98.40		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	165.02	1697.75	MSPGCL Total	175.39	1950.14
			MSPGCL Thml+Gas	169.54	1752.64	Koyna 1,2 & 4 Total	1.54	127.13
			MSPGCL Hydro	5.85	197.50	State Total	376.70	4253.24

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/Jun/2023

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDC L DEM. MET	Load Shedding		MSEDC L DEM. WITH LS	MUMBAI DEMAND	OTHER DISCOM DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS						Planned	*Transmission Constraint					
1	7132	552	201	7885	818	6559	0	0	8373	8734	-1745	21843	0	1	21843	3317	408	25568	49.95
2	7187	363	201	7751	712	6578	0	0	8453	8699	-1638	21720	463	80	22183	3149	382	25714	49.98
3	7161	227	201	7589	486	6565	0	0	8869	8893	-1615	21548	0	16	21548	2963	370	24881	49.89
4	7115	195	201	7511	471	6080	0	0	9799	8896	-1477	21132	0	0	21132	2823	349	24304	49.91
5	7062	207	202	7471	457	5603	0	0	9495	9637	-1426	21366	0	0	21366	2748	376	24490	49.98
6	7042	226	202	7470	393	6134	0	0	9070	9179	-1318	21455	265	124	21720	2728	403	24851	49.99
7	6951	227	198	7376	334	5856	0	131	10160	9635	-1443	21456	0	12	21456	2594	433	24483	50.00
8	7152	303	196	7651	374	5365	0	534	9067	8974	-1646	20806	0	0	20806	2545	446	23797	50.03
9	7139	276	194	7609	761	5078	0	1168	8915	8699	-1708	21145	0	0	21145	2590	462	24197	50.06
10	6561	231	181	6973	1138	4654	0	1610	8937	8626	-1793	20752	0	0	20752	2642	456	23850	50.01
11	6069	190	176	6435	1410	4540	0	1886	9032	9201	-1968	21047	0	0	21047	2747	457	24251	49.96
12	6362	187	177	6726	1606	4580	0	1954	8963	9051	-2002	21450	0	0	21450	2828	465	24743	49.95
13	6343	154	174	6671	1591	4571	0	1974	8875	9008	-2034	21339	0	0	21339	2871	442	24652	49.98
14	6596	129	172	6897	1665	4565	0	1844	8693	9164	-2131	21558	0	0	21558	2923	446	24927	50.02
15	6970	123	172	7265	1698	5088	0	1520	8800	8533	-2098	21561	0	0	21561	3034	445	25040	50.00
16	6872	129	177	7178	1881	5063	0	1087	9105	9121	-2071	21805	0	0	21805	3100	454	25359	49.97
17	6864	193	167	7224	1888	5012	0	757	8517	8488	-1952	20950	0	0	20950	3059	467	24476	49.99
18	6868	216	174	7258	1789	5313	0	378	8023	7537	-1814	19997	0	0	19997	2864	464	23325	50.03
19	6808	267	181	7256	1370	5335	0	69	7901	7802	-1643	19713	0	0	19713	2661	476	22850	50.00
20	6852	272	186	7310	1401	5809	0	0	8337	8118	-1825	20340	0	0	20340	2724	473	23537	49.93
21	6931	311	192	7434	1054	6127	0	0	7903	8205	-1871	20501	0	40	20501	2779	448	23728	49.89
22	6965	364	193	7522	1060	6505	0	0	7682	7909	-1799	20752	0	44	20752	2853	445	24050	49.97
23	7026	334	196	7556	966	6600	0	0	8637	8251	-1677	21263	0	0	21263	2926	433	24622	49.93
24	6995	178	202	7375	1032	6354	0	0	9114	8347	-1571	21112	0	0	21112	2905	425	24442	49.99
MUs	165.02	5.85	4.52	175.39	26.35	133.93	0.00	14.91	210.72	208.71	-42.26	506.61	0.73	0.32	507.34	68.37	10.43	586.14	49.98

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

*Load Shedding due to Transmission Constraint :-

1)ELR done due to state overdrwal, 2) LTS operated due to overloading of 220KV Jejuri Lonand Line.3) ELR done due to overloading of 220KV Nasik-BBLSR-I.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 11/Jun/2023

Position as on 6.30 Hrs of 12/Jun/2023

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
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	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)	
CENT.SECTOR	Tarapur 1	160	08/01/2020	10:37		Continued.	Refueling. While refueling preparation, some repair works identified which are being executed before refueling.	01/04/2024
CENT.SECTOR	Tarapur 2	160	13/07/2020	04:38		Continued.	For cleaning of clogged basket strainer of cooling water system due to heavy ingress of debris from sea. The outage extended for repair and re-fueling.	01/05/2024
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	31/07/2023
MSPGCL	Uran Unit A0	120	07/09/2022	16:30		Continued.	TURBINE TRIPPED ON HIGH VIBRATIONS	23/07/2023
MSPGCL	Uran Unit 5	108	12/11/2022	13:23		Continued.	Material replacement work.	01/03/2024
MSPGCL	Chandrapur Unit 5	500	22/05/2023	19:00		Continued.	Stator Earth Fault	27/06/2023
MSPGCL	Uran Unit 6	108	01/06/2023	19:57		Continued.	No Schedule	
MSPGCL	Koyna STG-IV Unit-1	250	05/06/2023	16:30		Continued.	The KGSC Stg-4 Unit No-1(250MW) not available due to foreign material impact at Guide vane no 4	13/06/2023
MSPGCL	Nasik Unit 3	210	08/06/2023	11:40		Continued.	Tolling Agreement with IEPL synchronised at 9:19 Hrs	
MSPGCL	Parli Unit 6	250	10/06/2023	21:36	11/06/2023	06:16	Drum Level low	
MSPGCL	Paras Unit 4	250	11/06/2023	13:46		Continued.	Boiler Tube Leakage	14/06/2023
MSPGCL	Chandrapur Unit 4	210	11/06/2023	18:51		Continued.	SUSPECTED BTL AT AB-4 ELEVATION	13/06/2023

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Jun/2023

Statement-VII

Position as on 6.30 Hrs of 12/Jun/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LR Outages/Trippings							
400 KV KARAD - SOLAPUR (PG) LR	IntraState	05/06/2023	10:58			PO	Overhauling of 400 kV CGL make SF CB by M/s Ajaydeep Power Corporation,Aurangabad
400 KV LINE Outages/Trippings							
TALANDGE - KOLHAPUR (PG) CKT - 2	InterState	20/03/2023	07:49			PO	For reconductoring of Moose conductor with HTLS conductor for sytem improvement. AR to be kept in non Auto mode for 400KV-KOLHAPUR-MS-KOLHAPUR GIS -1
DHULE - SSNNL CKT - 1	InterState	11/06/2023	11:20	11/06/2023	14:09	T	TRIPPED ON OVER VOLTAGE
DHULE - SSNNL CKT - 2	InterState	11/06/2023	11:20	11/06/2023	13:41	T	Tripped from Dhule end only
KHADKA- DEEPNAGAR CKT 2	IntraState	25/05/2023	10:02				Servicing &overhauling of 400kv areva make kdk ckt-2 main c.b. mechanism.
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	04/06/2023	23:37	11/06/2023	14:58	HT	HT for load management
PADGHE - NAGOTHANE CKT - 2	IntraState	08/06/2023	13:08			PO	Work of shifting/height raising of various EHV (220/110KV) transmission lines infringing in Samruddhi crossing . 1) Erection of 5 no. of Monopple 2) Stringing of 6.nos. of spans between location nos. 310-313
TBC 2 @ CHANDRAPUR	IntraState	12/06/2023	08:48			PO	Replacement of problematic old BHEL make 400kV quad break CB of TBC-2 bay with new siemens ltd make 400kV Quad CB.
400 KV ICT Outages/Trippings							
STATION TF No 3 @ CHANDRAPUR GCR	IntraState	01/03/2023	15:07			PO	1) Oil filtration work 2) Testing of Station transformer 3) Preventive maintenance work.
400/220 KV 3X105 MVA ICT - 1 @ KHARGHAR	IntraState	11/06/2023	03:55	11/06/2023	06:18	PO	Pre monsoon Maintenance work
400/220 KV 3X200 MVA ICT - 2 @ KALWA	IntraState	11/06/2023	06:56	11/06/2023	08:50	PO	Premonsoon work ,polythene wrapping on PRV,Buchhloz, & OSR.
400/220 KV 315MVA ICT - 1 @ KARAD	IntraState	12/06/2023	08:34			PO	For alignment of 220 kV Bus-I Isolator by opening jumps from Bus-I with the help of Hot Line Unit,Ogalewadi as there is hotspot in Y ph Isolator jaw towards Bus side. Temp-160 degree.
220 KV MAINBAY Outages/Trippings							
220 KV WANI - PANDHARKAWDA CKT I BAY (TEST CHARGED)	IntraState	02/06/2023	10:10			HT	For rectification of punch points of 220kv wani- pandharkawada line ph-i line.
220 KV LINE Outages/Trippings							
PANCHALI TSS - BOISAR (PG)	InterState	11/06/2023	14:47	11/06/2023	18:36	T	Tripped on distance protection
EKLAHARE (OCR) - NAVASARI CKT - 1	IntraState	10/02/2023	09:45			PO	Breaker overhauling work. (RFC AT 21:23 HRS DT.10/02/2023 AND KEPT OPENED FOR LOAD MANAGEMENT)
EKLAHARE (OCR) - PADGHE	IntraState	05/03/2023	08:55			HT	For load management
AAREY - AEML SAKI CKT - 1	IntraState	28/05/2023	17:23			T	Tripped on Differential protection.

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 11/Jun/2023

Statement-VII

Position as on 6.30 Hrs of 12/Jun/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
MAHAD-KALAMBANI(TSS)	IntraState	10/06/2023	19:32			PO	1) Erection of 06 nos cross-arm on 02 nos monopole. 2) Stringing of 03 nos conductor on new erected monopole. 3) Stringing of 03 nos conductor both sides of 02 nos erected monopole. 4) Dismantling of old conductor and tower (02 nos)
CHAKAN - CHINCHWAD 2	IntraState	11/06/2023	10:26	11/06/2023	18:06	PO	1) Stringing of earth wire between loc no-23-25. 2) Replacement of damaged conductor at loc at loc no-20-21 (B ph).
GHATGHAR - BAPGAON	IntraState	11/06/2023	14:26	11/06/2023	15:19	T	Tripped on distance protection
GIS BHANDUP - BORIVALI	IntraState	11/06/2023	14:47	11/06/2023	15:28	T	Bus fault at Borivali s/s due to bad weather
AEML BORIVALI -MSETCL BORIVALI CKT -2	IntraState	11/06/2023	14:47	11/06/2023	15:58	T	Bus fault at Borivali s/s due to bad weather
KHARGHAR - BORIVALI CKT - 2	IntraState	11/06/2023	14:47	11/06/2023	16:54	T	Bus fault at Borivali s/s due to bad weather
BORIVALI - BOISAR (PG)	IntraState	11/06/2023	14:47	11/06/2023	22:27	T	Bus fault at Borivali s/s due to bad weather
TATA BORIVLI MSETCL BORIVLI - 4	IntraState	11/06/2023	14:47	11/06/2023	16:02	T	Bus fault at Borivali s/s due to bad weather
GORAI -MSETCL BORIVALI CKT -2	IntraState	11/06/2023	14:47	11/06/2023	16:00	T	Bus fault at Borivali s/s due to bad weather
BORIVALI - TARAPUR	IntraState	11/06/2023	14:47	12/06/2023	03:17	T	Bus fault at Borivali s/s due to bad weather
AAREY - MSETCL BORIVALI CKT - 2	IntraState	11/06/2023	14:47	11/06/2023	15:59	T	Bus fault at Borivali s/s due to bad weather
WAGHIVALI - DHARAVI 7	IntraState	11/06/2023	15:06	11/06/2023	20:00	PO	FOR INSULATOR REPLACEMENT
220 KV ICT Outages/Trippings							
220 / 110 / 22kV 250 MVA ICT 1 @ SALSETTE	IntraState	12/10/2020	11:35			T	Tripped due to Grid disturbance.
220 / 110 / 22kV 250 MVA ICT 2 @ SALSETTE	IntraState	10/11/2022	10:35			EO	For attending to abnormal Noise from ICT
220/100 KV 200 MVA ICT 1 @ BORIVALI	IntraState	11/06/2023	14:47	11/06/2023	16:09	T	Bus fault at Borivali s/s due to bad weather
132 KV LINE Outages/Trippings							
RISOD-YELDARI	IntraState	20/04/2023	17:57			HT	TO CONTROL LOADING ON RISOD - MALEGAON CKT
110 KV LINE Outages/Trippings							
SALSETTE POWAI	IntraState	27/03/2023	11:04			PO	Replacement of tower number 77 & 78 for TDS project work.
TATA BORIVLI MSETCL BORIVLI 1	IntraState	11/06/2023	09:44	11/06/2023	13:53	PO	repair sleeve compression on C Ph conductor in span 28-29
KALWA KALYAN	IntraState	11/06/2023	21:56	12/06/2023	05:17	PO	Tower foundation work under vicinity of line at loc. 156A (Bullet Train Project)
BHIRA (T) - DAVDI	IntraState	12/06/2023	07:02			PO	FOR WORK IN VICINITY AT BHIRA
110 KV BUSBAR Outages/Trippings							
ZONE 2 (BUS SECTION 2&3) @ KHOPOLI	IntraState	11/06/2023	07:30	11/06/2023	14:20	PO	R/M AND TESTING

HT : Hand Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage