

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Jun/2022 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	163.071	2315.883	1) Gujrat	-7.195	-89.453
2) Hydro	10.528	173.827	2) Madhya Pradesh	4.783	51.099
3) Gas	3.458	65.075	3) Chattisgarh	2.100	31.610
Total MSPGCL	177.057	2554.785	4) Maharashtra	158.745	2379.056
B) 1) APLM	73.500	995.838	5) Goa (Amona)	-0.933	-13.168
2) JSWEL	19.146	243.504	Total	157.500	2359.144
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.706	476.130
4) RPL(AMT)	30.878	351.903	b) Mumbai Drawl	35.223	523.399
5) SWPGPL	9.109	115.203	c) MSEDCL Bilateral *	56.594	975.742
6) Other IPP	13.058	203.254	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.706	475.921
C) 1) TPCL Thermal	15.746	215.284	Include PX	0.000	0.000
2) TPCL Hydro	4.758	68.722	Standby	0.000	0.209
3) TPCL Gas	1.967	23.025	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.814	149.132	1) MSEDCL	468.258	6670.717
D) STATE			2) Mumbai Discoms	69.508	979.565
1) Thermal	336.322	4590.001	3) Other Discoms	9.613	132.076
(A1+C1+C4+(B1-B6))			TOTAL STATE	547.379	7782.358
2) Hydro (A2+C2)	15.286	242.549			
3) Gas (A3+B7+C3)	5.425	88.100			
4) Wind	22.276	368.639			
6) SOLAR	10.570	133.922			
TOTAL STATE	389.879	5423.211			

* 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 4 Hrs
MSPGCL Thermal	6788	6858	6652	6909
MSPGCL Hydro	392	271	380	361
MSPGCL Gas	140	138	141	145
MSPGCL Total Generation	7320	7267	7173	7415
Central Sector Receipt	7866	7854	6268	5514
WIND	397	659	2006	554
CPP / IPP Thermal	5835	6140	5960	6249
CPP / IPP Gas	0	0	0	0
SOLAR	1413	1103	0	0
Exchange with Mumbai	-2079	-1909	-1435	-905
MSEDCL DEMAND MET	20300	20707	19531	18516
Load Shedding	0	0	0	0
MSEDCL DEMAND	20300	20707	19531	18516
TPCL GENERATION	824	952	1106	892
AEML GENERATION	484	492	488	493
MUMBAI DEMAND	3387	3353	3029	2290
OTHER DISCOM DEMAND	452	407	441	311
STATE DEMAND MET	24139	24467	23001	21117
STATE DEMAND	24139	24467	23001	21117
Frequency (Hz)	49.93	49.93	49.93	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.2 Hz at 16.04 Hrs	49.78 Hz at 09.15 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 14/Jun/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.21	59.60	185	135
Unit 7	0.00	0.00	0	0
Unit 8	9.41	178.36	398	360
Unit 9	9.16	163.56	394	375
Unit 10	9.52	167.30	416	387
Total	32.31	568.82		
Bhusawal				
Unit 3	3.38	46.94	160	115
Unit 4	10.41	144.40	470	375
Unit 5	10.56	125.67	465	400
Total	24.36	317.01		
Parli				
Unit 6	4.91	66.80	249	145
Unit 7	4.58	59.09	234	140
Unit 8	3.12	43.74	135	126
Total	12.62	169.62		
Chandrapur				
Unit 3	3.07	40.26	160	124
Unit 4	2.97	42.14	133	118
Unit 5	8.65	118.86	370	340
Unit 6	9.32	127.79	405	340
Unit 7	7.81	112.00	345	285
Unit 8	10.60	149.69	470	420
Unit 9	10.66	100.23	465	406
Total	53.07	690.97		
Paras				
Unit 3	4.56	67.64	219	158
Unit 4	4.78	62.64	220	170
Total	9.34	130.29		
Khaparkheda				
Unit 1	3.22	43.92	145	115
Unit 2	3.13	48.72	140	120
Unit 3	4.26	57.46	183	164
Unit 4	0.00	13.16	0	0
Unit 5	10.05	150.32	450	365
Total	20.66	313.58		
Nasik				
Unit 3	3.80	53.08	185	124
Unit 4	3.53	38.37	180	123
Unit 5	3.40	34.14	170	118
Total	10.72	125.60		
Uran				
All Units	3.46	65.08	154	137
Total	3.46	65.08		
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)	0.38	4.27	40	0
Total	0.38	4.27		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.79	42.19	405	40
Stage 4	0.94	29.75	255	0
Stage 3	0.96	17.52	80	0
Total	4.69	89.46		
Hydro				
KDPH	0.48	7.08	20	20
VTRNA	0.00	0.00	0	0
TILLARI	0.30	2.07	58	0
BHIRA T.R.	0.20	3.94	80	0
SMLHY_PTN	4.48	66.00	215	167
GHATGHAR	0.00	1.01	0	0
Total	5.46	80.09		
Wind				
Total	22.28	368.64	0	0
Total	22.28	368.64		
CPP				
APML(Mus)	73.50	995.84	0	0
JSWEL(Mus)	19.15	243.50	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	30.88	351.90	0	0
SWPGPL-Mus	9.11	115.20	0	0
Other(Mus)	13.06	203.25	0	0
Total	145.69	1909.70		
SOLAR				
Total	10.57	133.92	0	0
Total	10.57	133.92		
Tata				
Trombay 5	10.24	139.92	448	371
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.06	14.44	49	43
Trombay 7B	0.90	8.59	40	36
TATA Hydro	4.76	68.72	366	29
Trombay 8	5.50	75.37	232	228
Total	22.47	307.03		
AEMIL				
DTPS U-1&2	11.81	149.13	501	475
Total	11.81	149.13		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	163.07	2315.88	MSPGCL Total	177.06	2554.78
			MSPGCL Thml+Gas	166.53	2380.96	Koyna 1,2 & 4 Total	3.73	71.94
			MSPGCL Hydro	10.53	173.83	State Total	389.88	5423.21

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 14/Jun/2022

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDC L DEM. MET	LOAD SHED DING	MSEDC L DEM. WITH LS	MUMBAI DEMAN D	OTHER DISCOM DEMAN D	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	6836	525	144	7505	1137	6299	0	0	5826	5754	-1216	19121	0	19121	2768	358	22247	49.97
2	6861	419	154	7434	908	6277	0	0	5605	5600	-1082	18789	0	18789	2568	348	21705	49.98
3	6910	561	143	7614	756	6250	0	0	5338	5340	-992	18650	0	18650	2402	318	21370	49.98
4	6909	361	145	7415	554	6249	0	0	5361	5514	-905	18516	0	18516	2290	311	21117	49.98
5	6892	506	145	7543	484	6254	0	0	5553	5807	-866	18896	0	18896	2231	326	21453	50.00
6	6879	674	154	7707	502	6305	0	4	5994	6131	-878	19410	0	19410	2272	361	22043	49.94
7	6923	888	145	7956	397	6292	0	79	6114	6087	-942	19493	0	19493	2296	376	22165	49.91
8	6961	438	144	7543	433	6208	0	356	6400	6462	-1210	19383	0	19383	2420	409	22212	50.00
9	6501	356	154	7011	469	5854	0	682	7281	7206	-1481	19305	0	19305	2704	436	22445	49.97
10	6517	388	142	7047	524	5417	0	1075	7754	7541	-1712	19443	0	19443	3013	449	22905	49.90
11	6608	447	142	7197	458	5492	0	1356	7910	8070	-1957	20172	0	20172	3262	444	23878	49.97
12	6788	392	140	7320	397	5835	0	1413	8199	7866	-2079	20300	0	20300	3387	452	24139	49.93
13	6776	349	139	7264	428	6115	0	1407	8006	7483	-1988	20281	0	20281	3367	428	24076	49.98
14	6664	318	137	7119	516	5837	0	1238	7673	7577	-1933	19942	0	19942	3284	412	23638	50.00
15	6858	271	138	7267	659	6140	0	1103	7799	7854	-1909	20707	0	20707	3353	407	24467	49.93
16	6953	267	139	7359	933	6222	0	896	7761	7265	-1914	20331	0	20331	3415	430	24176	50.01
17	6847	240	151	7238	1314	6166	0	622	7343	6952	-1875	19973	0	19973	3374	444	23791	50.07
18	6707	239	140	7086	1775	6074	0	274	6766	6443	-1773	19436	0	19436	3261	443	23140	50.05
19	6632	249	141	7022	1920	5791	0	65	6267	5967	-1590	18722	0	18722	3094	453	22269	50.02
20	6652	380	141	7173	2006	5960	0	0	6230	6268	-1435	19531	0	19531	3029	441	23001	49.93
21	6781	332	141	7254	1687	6123	0	0	5954	6139	-1413	19366	0	19366	2964	424	22754	50.02
22	6868	308	142	7318	1483	6159	0	0	5769	5942	-1320	19187	0	19187	2892	395	22474	50.01
23	6926	755	153	7834	1282	6195	0	0	5972	6159	-1366	19718	0	19718	2907	386	23011	49.96
24	6822	865	144	7831	1254	6177	0	0	6094	6073	-1387	19587	0	19587	2955	361	22903	50.00
MUs	163.07	10.53	3.46	177.06	22.28	145.69	0.00	10.57	158.97	157.50	-35.22	468.26	0.00	468.26	69.51	9.61	547.38	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.

State Load Despatch Center, Airoli (MSETCL) Statement-VI

Details of Generating Unit Outages/Trippings for 14/Jun/2022

Position as on 6.30 Hrs of 15/Jun/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Khaparkheda Unit 4	210	05/06/2022	00:07		Continued.	Annual Overhaul	
MSPGCL	Koyna STG-IV Unit-2	250	13/06/2022	00:00		Continued.	Commissioning and installation of New TSLG governor	30/06/2022
IPP	RPL(AMT) U-5	270	15/06/2022	00:00		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)	
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.	31/03/2023
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
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.	31/03/2023
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
IPP	JSW (J) U1	300	16/03/2022	23:16		Continued.	Turbine Vibration	15/06/2022
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	
MSPGCL	Uran Unit 5	108	11/06/2022	14:29		Continued.	Gas shortage	
MSPGCL	Ghatghar Unit-2	125	12/06/2022	11:45	14/06/2022	12:30	CW Pump having heavy Vibration and Water leakage.	
MSPGCL	Uran Unit 6	108	13/06/2022	00:25		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	13/06/2022	00:25		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 7	500	15/06/2022	05:01		Continued.	Turbine Gland steam temperature not maintained	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 14/Jun/2022

Statement-VII

Position as on 6.30 Hrs of 15/Jun/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV TIEBAY Outages/Trippings							
TIE BAY (708) of KORADI - 3 CKT - 2 & EKTUNI CKT - 2 @ AKOLA 2	IntraState	14/06/2022	10:12	14/06/2022	14:11	PO	Circuit Breaker SF6 gas analysis
765 KV ICT Outages/Trippings							
765/400KV 500MVA SPARE ICT UNIT @ EKTUNI	IntraState	14/06/2022	09:57	14/06/2022	18:53	PO	"Diagnostic Testing of CT, CB & Routine Maintenance "
400 KV LINE Outages/Trippings							
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	08/06/2022	16:32			HT	Load management
BUS COUPLER @ LONIKAND-1	IntraState	13/06/2022	19:09	14/06/2022	04:50	EO	To attend hotspots on 29A Y ph (temp:158deg) and B ph (temp:>160deg)
400 KV ICT Outages/Trippings							
400/220 KV 3X105 MVA ICT - 2 @ NAGOTHANE	IntraState	06/06/2022	12:33			PO	For CB replacement work. ICT will be in service through TBC.
400/220/33 KV 500 MVA ICT - 3 @ DHULE	IntraState	13/06/2022	20:05	14/06/2022	05:35	T	TRIPPED ON NDR
400/220/33 KV 500MVA ICT - 1 @ KORADI 2	IntraState	14/06/2022	11:19	14/06/2022	15:32	PO	1) Premonsoon maintenance work & 2) Tan delta measurement of Synchronising CVT.
220 KV LINE Outages/Trippings							
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	cABLE FAULT
EKLAHARA(GCR)(NASIK)-BABLESHWAR 2	IntraState	27/04/2022	12:21			EO	Shifting of 220kv GCR-BBLR-2 line on 220kv TBC bay.
MUDSHINGI - CHIKODI	IntraState	06/06/2022	09:18	14/06/2022	21:50	PO	Line reorientation work from D/C towers (Loc. 320 to 312 to M/C-9)) to M/C towers (Guide-D/C- M/C 3 to M/C 9) .
PHURSUNGI-PARVATI	IntraState	13/06/2022	10:18	14/06/2022	18:05	PO	CB overhauling work
AAREY - AEML SAKI CKT - 2	IntraState	13/06/2022	10:31			PO	Repair / restoration of 220 kv R-Phase cable with additional Joint.
BHUGAON - WARDHA (PG)	IntraState	14/06/2022	09:44			PO	Routine line maintenance work
PADGHE - TEMGHAR - 2	IntraState	15/06/2022	00:11			PO	Bunching of 220KV Padgha-Temghar -1 & 2 line at Loc no. 80 and jumper removing at Loc. no.80 & 81 for diversion of 220KV Padgha-Temghar 2 line bay to 220KV Padgha-Temghar-1 line bay at Padgha S/s by availing simultaneous outages on 220KV Padgha-Temghar -1 & 2 line.
PADGHE - TEMGHAR - 1	IntraState	15/06/2022	00:39	15/06/2022	03:47	PO	Bunching of 220KV Padgha-Temghar -1 & 2 line at Loc no. 80 and jumper removing at Loc. no.80 & 81 for diversion of 220KV Padgha-Temghar 2 line bay to 220KV Padgha-Temghar-1 line bay at Padgha S/s by availing simultaneous outages on 220KV Padgha-Temghar -1 & 2 line.
BUS SECTION-4 @ TEMGHAR	IntraState	15/06/2022	04:38	15/06/2022	04:57	PO	For closing Bus section isolator 3 at 220kv Temghar ss(Reason: As Padgha Temghar 2 line will be under outage, taken by Line sub dn. kalwa hence there will be single source of 220kv Kalwa Temghar line on 220kv Bus section 4)

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 14/Jun/2022

Statement-VII

Position as on 6.30 Hrs of 15/Jun/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
BOISAR - VERSOVA	IntraState	15/06/2022	06:51			PO	Bunching on Tower no BTL 16, to facilitate Modification / relocation of existing tower no BTL 13 to BTL 15 for NHRCL projectNote: Post bunching of line, the configuration of line will change as below:1.220 kV Dahanu - Virar and 220 kV Viraj - Versova. 2.MSETCL Boisar will be disconnected from the AEML Versova and MSETCL Viraj for a period of 10 days (i.e.from 15/06/2022 to 24/06/2022). 3.Normalization of bunching shall be carried out on 25/06/2022
BOISAR II - VIRAJ	IntraState	15/06/2022	07:06			PO	Bunching on Tower no BTL 16, to facilitate Modification / relocation of existing tower no BTL 13 to BTL 15 for NHRCL projectNote: Post bunching of line, the configuration of line will change as below:1.220 kV Dahanu - Virar and 220 kV Viraj - Versova. 2.MSETCL Boisar will be disconnected from the AEML Versova and MSETCL Viraj for a period of 10 days (i.e.from 15/06/2022 to 24/06/2022). 3.Normalization of bunching shall be carried out on 25/06/2022
220 KV ICT Outages/Tripping							
220 / 110 / 22kV 250 MVA ICT 1 @ SALSETTE	IntraState	12/10/2020	11:35			T	Tripped due to Grid disturbance.
220/22 KV 50 MVA PTR 1 @ KANDALGAON	IntraState	14/12/2021	16:55			EO	For dismantailing said 50MVA T/f 1 at 220 kV K'gaon S/s
110 KV LINE Outages/Tripping							
DHARAVI VIKHROLI	IntraState	30/08/2021	00:03			PO	Shifting of OPGW and stringing of conductor of 220 kV Trombay-Dharavi- Salsette line and replacement and shifting of conductor of Dharavi Powai and Dharavi Vikhroli line on new tower and dismantling old towers in section 32 to 38. 110 KV Vikhroli Powai line will be formed for dual feed to Vikhroli and Powai.
DHARAVI POWAI	IntraState	30/08/2021	00:03			PO	Shifting of OPGW and stringing of conductor of 220 kV Trombay-Dharavi- Salsette line and replacement and shifting of conductor of Dharavi Powai and Dharavi Vikhroli line on new tower and dismantling old towers in section 32 to 38. 110 KV Vikhroli Powai line will be formed for dual feed to Vikhroli and Powai.
WAGHIVALI - CHEMBUR	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfting these lines on new Multicircuit Towers between Darave to Vashi.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Jun/2022

Statement-VII

Position as on 6.30 Hrs of 15/Jun/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
WAGHIVALI - MANKHURD	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfiting these lines on new Multicircuit Towers between Darave to Vashi.

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