

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Jun/2022 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	165.859	2634.699	1) Gujrat	-2.750	-95.493
2) Hydro	12.768	198.045	2) Madhya Pradesh	7.622	63.870
3) Gas	3.412	71.919	3) Chattisgarh	3.150	37.660
Total MSPGCL	182.039	2904.663	4) Maharashtra	157.870	2706.781
B) 1) APML	75.906	1147.124	5) Goa (Amona)	-1.029	-15.314
2) JSWEL	17.476	280.010	Total	164.863	2697.504
3) VIPL	0.000	0.000	a) Mumbai Schedule	34.274	543.793
4) RPL(AMT)	25.767	403.254	b) Mumbai Drawl	37.795	598.417
5) SWPGPL	9.306	133.764	c) MSEDCL Bilateral *	72.369	1121.899
6) Other IPP	12.632	228.995	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	34.274	543.584
C) 1) TPCL Thermal	15.074	245.785	Include PX	0.000	0.000
2) TPCL Hydro	4.337	77.884	Standby	0.000	0.209
3) TPCL Gas	1.924	26.873	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.756	171.453	1) MSEDCL	477.296	7624.672
D) STATE			2) Mumbai Discoms	69.883	1120.413
1) Thermal	332.776	5245.084	3) Other Discoms	9.351	150.864
(A1+C1+C4+(B1-B6))			TOTAL STATE	556.530	8895.949
2) Hydro (A2+C2)	17.105	275.929			
3) Gas (A3+B7+C3)	5.336	98.792			
4) Wind	27.278	425.543			
6) SOLAR	9.175	153.096			
TOTAL STATE	391.670	6198.444			

* 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 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6830	6726	6990	7030
MSPGCL Hydro	558	294	823	360
MSPGCL Gas	139	138	141	144
MSPGCL Total Generation	7527	7158	7954	7534
Central Sector Receipt	8533	8161	5971	6084
WIND	256	1559	1762	1096
CPP / IPP Thermal	5659	5616	5984	6077
CPP / IPP Gas	0	0	0	0
SOLAR	1295	714	0	0
Exchange with Mumbai	-2006	-2061	-1455	-1241
MSEDCL DEMAND MET	20855	20715	19791	19254
Load Shedding	0	0	0	0
MSEDCL DEMAND	20855	20715	19791	19254
TPCL GENERATION	866	874	1097	733
AEML GENERATION	445	474	446	391
MUMBAI DEMAND	3317	3409	2998	2365
OTHER DISCOM DEMAND	409	432	425	296
STATE DEMAND MET	24581	24556	23214	21915
STATE DEMAND	24581	24556	23214	21915
Frequency (Hz)	49.92	50.02	49.99	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.15 Hz at 05:06 Hrs	49.72 Hz at 17:52 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 16/Jun/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.20	68.06	180	160
Unit 7	0.00	0.00	0	0
Unit 8	12.91	199.28	564	490
Unit 9	11.20	182.07	508	440
Unit 10	12.60	187.58	555	470
Total	40.91	637.00		
Bhusawal				
Unit 3	3.22	53.78	160	115
Unit 4	8.91	163.74	425	330
Unit 5	9.90	145.13	440	360
Total	22.02	362.65		
Parli				
Unit 6	5.46	77.38	250	182
Unit 7	4.98	69.04	231	137
Unit 8	3.10	50.02	136	125
Total	13.54	196.45		
Chandrapur				
Unit 3	3.11	46.48	137	128
Unit 4	2.92	48.02	128	112
Unit 5	8.48	135.87	370	290
Unit 6	9.49	146.56	410	363
Unit 7	0.00	113.41	0	0
Unit 8	10.93	171.66	476	440
Unit 9	10.76	122.02	458	436
Total	45.69	784.04		
Paras				
Unit 3	5.40	77.06	243	209
Unit 4	5.33	72.92	233	211
Total	10.73	149.98		
Khaparkheda				
Unit 1	3.40	50.74	155	115
Unit 2	3.62	55.70	160	120
Unit 3	4.30	66.06	183	174
Unit 4	0.00	13.16	0	0
Unit 5	10.82	171.78	475	400
Total	22.13	357.44		
Nasik				
Unit 3	3.99	60.97	179	139
Unit 4	3.99	45.97	180	142
Unit 5	2.84	40.20	160	0
Total	10.82	147.14		
Uran				
All Units	3.41	71.92	154	137
Total	3.41	71.92		
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)	0.17	4.66	23	0
Total	0.17	4.66		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.78	47.84	490	40
Stage 4	2.36	33.90	649	0
Stage 3	1.41	20.07	160	0
Total	6.55	101.82		
Hydro				
KDPH	0.39	7.95	20	0
VTRNA	0.00	0.00	0	0
TILLARI	0.41	2.82	58	0
BHIRA T.R.	0.25	4.45	77	0
SMLHY_PTN	4.87	75.08	216	190
GHATGHAR	0.14	1.27	100	0
Total	6.05	91.57		
Wind				
Total	27.28	425.54	0	0
Total	27.28	425.54		
CPP				
APML(Mus)	75.91	1147.12	0	0
JSWEL(Mus)	17.48	280.01	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.77	403.25	0	0
SWPGPL-Mus	9.31	133.76	0	0
Other(Mus)	12.63	229.00	0	0
Total	141.09	2193.15		
SOLAR				
Total	9.18	153.10	0	0
Total	9.18	153.10		
Tata				
Trombay 5	9.67	159.59	438	275
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.04	16.51	44	43
Trombay 7B	0.89	10.36	37	36
TATA Hydro	4.34	77.88	382	57
Trombay 8	5.40	86.19	230	199
Total	21.34	350.54		
AEMIL				
DTPS U-1&2	10.76	171.45	489	390
Total	10.76	171.45		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	165.86	2634.70	MSPGCL Total	182.04	2904.66
			MSPGCL Thml+Gas	169.27	2706.62	Koyna 1,2 & 4 Total	5.14	81.74
			MSPGCL Hydro	12.77	198.04	State Total	391.67	6198.44

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 16/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	6963	375	144	7482	1788	6102	0	0	6083	6383	-1406	19999	0	19999	2920	350	23269	50.01
2	6994	484	143	7621	1508	6060	0	0	5965	6237	-1314	19789	0	19789	2707	323	22819	50.05
3	7047	521	154	7722	1209	6053	0	0	5821	5975	-1169	19491	0	19491	2491	299	22281	49.94
4	7030	360	144	7534	1096	6077	0	0	6126	6084	-1241	19254	0	19254	2365	296	21915	49.95
5	7036	526	142	7704	891	6069	0	0	6055	6319	-1158	19511	0	19511	2287	314	22112	49.98
6	7045	1114	143	8302	698	6063	0	3	6384	6540	-1155	20112	0	20112	2309	339	22760	50.05
7	7101	1318	151	8570	494	6052	0	84	6650	6780	-1177	20418	0	20418	2349	385	23152	49.98
8	7079	572	141	7792	386	5809	0	312	7372	7507	-1421	19981	0	19981	2438	404	22823	50.02
9	6953	397	140	7490	442	5703	0	586	7623	7817	-1666	19939	0	19939	2719	433	23091	50.03
10	6788	515	140	7443	332	6140	0	876	7818	7830	-1729	20468	0	20468	3067	424	23959	50.03
11	6819	626	140	7585	247	5670	0	1124	8201	8100	-1873	20416	0	20416	3227	437	24080	49.99
12	6830	558	139	7527	256	5659	0	1295	8722	8533	-2006	20855	0	20855	3317	409	24581	49.92
13	6853	475	137	7465	343	5650	0	1319	8487	8245	-2017	20589	0	20589	3300	416	24305	49.96
14	6747	326	137	7210	528	5697	0	1154	8373	8369	-1887	20677	0	20677	3248	394	24319	50.00
15	6732	328	137	7197	853	5697	0	985	8599	8331	-1966	20693	0	20693	3322	404	24419	49.92
16	6726	294	138	7158	1559	5616	0	714	8509	8161	-2061	20715	0	20715	3409	432	24556	50.02
17	6611	334	138	7083	1922	5572	0	518	7608	7161	-1941	19885	0	19885	3274	430	23589	49.92
18	6762	286	148	7196	2135	5710	0	162	6670	6104	-1888	19006	0	19006	3168	413	22587	49.93
19	6761	292	139	7192	2172	5862	0	43	5587	5350	-1680	18522	0	18522	3057	417	21996	49.94
20	6815	979	138	7932	1808	5822	0	0	5530	5424	-1460	19093	0	19093	3049	433	22575	49.89
21	6990	823	141	7954	1762	5984	0	0	5897	5971	-1455	19791	0	19791	2998	425	23214	49.99
22	7039	366	143	7548	1908	6024	0	0	6065	5633	-1386	19330	0	19330	2935	397	22662	49.99
23	7055	348	152	7555	1600	6002	0	0	6145	5822	-1369	19211	0	19211	2953	399	22563	49.93
24	7083	551	143	7777	1341	5994	0	0	6229	6187	-1370	19551	0	19551	2977	378	22906	49.98
MUs	165.86	12.77	3.41	182.04	27.28	141.09	0.00	9.17	166.52	164.86	-37.79	477.30	0.00	477.30	69.89	9.35	556.53	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 16/Jun/2022

Position as on 6.30 Hrs of 17/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	20/07/2022
MSPGCL	Koyana 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	25/07/2022
MSPGCL	Koyana Unit 9	80	15/06/2022	08:00		Continued.	Capital Overhaul	30/09/2022
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)	
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	22/10/2022
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	15/07/2022
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	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	22/06/2022
MSPGCL	Nasik Unit 5	210	16/06/2022	13:15	16/06/2022	17:35	due to sudden closed of ESV & IV Valves	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 16/Jun/2022

Statement-VII

Position as on 6.30 Hrs of 17/Jun/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Tripping							
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	08/06/2022	16:32			HT	Load management
BABLESHWAR- AURANGABAD (WALUJ)	IntraState	16/06/2022	09:08	16/06/2022	18:24	PO	Chemical Cleaning of Insulator string and Routine Line maintenance work
LONIKAND II - LONIKAND I (INTERCONNECTOR) - 2	IntraState	16/06/2022	17:48	16/06/2022	23:30	PO	Half yearly DT and maintenance work
400 KV ICT Outages/Tripping							
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.
400/220KV 315 MVA ICT - 2 @ NEW KOYNA	IntraState	15/06/2022	18:20	16/06/2022	01:00	EO	For attending hotspot
431 BAY OF 167 MVA SPARE ICT @ KORADI II	IntraState	16/06/2022	11:23			PO	1) Premonsoon maintenance work& 2) Routine Bay Maintenance.
400/132 KV 200 MVA ICT - 1 @ KHADKA	IntraState	16/06/2022	11:43			EO	400/132 KV 200 MVA ICT-1 HV side Red hot found on connecting clamp of Y phase Auxiliary BUS PG Isolator and IPS tube of Transformer side isolator.
400/220 KV 315MVA ICT - 2 @ KARAD	IntraState	16/06/2022	11:44	16/06/2022	18:12	PO	For replacement of Bus-1 R ph PG isolator operating assembly due to jammed old assembly
220 KV MAINBAY Outages/Tripping							
TBC @ PARVATI	IntraState	15/06/2022	10:20	16/06/2022	16:17	PO	CB overhauling work
220 KV LINE Outages/Tripping							
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.
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.
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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Jun/2022

Statement-VII

Position as on 6.30 Hrs of 17/Jun/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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 NHSRCL 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
FLAGSHIP-CHINCHWAD	IntraState	16/06/2022	09:04	16/06/2022	17:50	PO	1) Half yearly bay maintenance work. 2) Y and B ph Bottom CT painting work.
BUS SECTION - 1 @ KHAREPATAN	IntraState	16/06/2022	09:23	16/06/2022	13:58	PO	For chemical washing of bus & Line insulator strings in 220 KV bus section- I at Kharepatan end by agency.
KHARGHAR - NERUL	IntraState	16/06/2022	09:50	16/06/2022	14:15	EO	To attend hotspot on R phase bus side conductor crimp and Y phase bus side jaw
PHALTAN MIDC - CSSK BHAVANI NAGAR	IntraState	16/06/2022	09:55	16/06/2022	14:40	PO	For CT Tan delta measurement & configuration of Busbar PU relay at 220 kV Phaltan MIDC S/S
PANDHARPUR - MALINAGAR	IntraState	16/06/2022	11:12	16/06/2022	18:23	PO	Outage is required for changing / replacement of faulty string at loc no. LILO Portion - 76, 79, 81, 82.
BOMBAY DYEING - SAHARA	IntraState	16/06/2022	12:15	16/06/2022	19:20	PO	Replacement of flashover strings loc-89,92,94 and cold washing loc 92-97
BUS SECTION - 2 @ KHAREPATAN	IntraState	16/06/2022	15:20	16/06/2022	17:19	PO	For Chemical washing of bus & line insulators strings in the 220 KV bus section- II at Kharepatan end by agency.
PHALTAN MIDC - WALCHANDNAGAR	IntraState	16/06/2022	16:00	16/06/2022	17:55	PO	Busbar PU relay replacement work of Walchandnagar bay at 220 kV Phaltan MIDC S/s
JAMBHUL - ANANDNAGAR	IntraState	17/06/2022	07:05			PO	1)Routine Maintenance works 2)CT Capacitance & Tan Delta Test 3)Premonsoon Maintenance Work
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.
220/22 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
220/22KV 50MVA PTR 2 @ RANJANGAON	IntraState	16/06/2022	10:10	16/06/2022	15:00	PO	For HV side 29D Isolator Box replacement & general bay maintenance
220/132-110KV 200MVA ICT 2 @ MIRAJ	IntraState	16/06/2022	10:54	16/06/2022	15:04	PO	For relay testing work
220/33 KV 50MVA PTR @ KALWAN	IntraState	16/06/2022	12:25	16/06/2022	21:05	PO	Relay testing and SCADA Upgrading
110 KV LINE Outages/Trippings							

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Jun/2022

Statement-VII

Position as on 6.30 Hrs of 17/Jun/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.
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 shfting these lines on new Multicircuit Towers between Darave to Vashi.

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