

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Mar/2022 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	165.703	2314.055	1) Gujrat	-8.331	-104.869
2) Hydro	29.619	297.777	2) Madhya Pradesh	9.508	142.903
3) Gas	3.347	53.075	3) Chattisgarh	4.440	83.180
Total MSPGCL	198.669	2664.907	4) Maharashtra	168.999	2464.968
B) 1) APLM	76.281	1126.115	5) Goa (Amona)	-1.286	-18.629
2) JSWEL	22.049	300.208	Total	173.330	2567.553
3) VIPL	0.000	0.000	a) Mumbai Schedule	32.106	416.537
4) RPL(AMT)	25.662	377.542	b) Mumbai Drawl	35.622	453.660
5) SWPGPL	6.154	86.614	c) MSEDCL Bilateral *	68.437	1533.349
6) Other IPP	39.696	599.186	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	32.055	416.485
C) 1) TPCL Thermal	14.225	194.309	Include PX	0.000	5.604
2) TPCL Hydro	7.043	69.827	Standby	0.051	0.051
3) TPCL Gas	2.591	13.980	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.892	138.845	1) MSEDCL	511.570	7380.695
D) STATE			2) Mumbai Discoms	65.372	870.621
1) Thermal	355.662	5136.874	3) Other Discoms	9.023	131.124
(A1+C1+C4+(B1-B6))			TOTAL STATE	585.965	8382.440
2) Hydro	36.662	367.604			
(A2+C2)					
3) Gas	5.938	67.055			
(A3+B7+C3)					
4) Wind	5.357	127.559			
6) SOLAR	9.017	115.795			
TOTAL STATE	412.636	5814.887			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6867	6762	7129	6668
MSPGCL Hydro	1490	973	1983	1168
MSPGCL Gas	135	134	136	143
MSPGCL Total Generation	8492	7869	9248	7979
Central Sector Receipt	8718	8468	6597	6696
WIND	368	316	99	260
CPP / IPP Thermal	6979	6868	7199	7030
CPP / IPP Gas	0	0	0	0
SOLAR	1194	1221	0	0
Exchange with Mumbai	-1738	-1759	-1492	-1382
MSEDCL DEMAND MET	23605	22593	21252	20300
Load Shedding	0	0	0	0
MSEDCL DEMAND	23605	22593	21252	20300
TPCL GENERATION	1220	1189	1171	495
AEML GENERATION	241	244	246	247
MUMBAI DEMAND	3199	3192	2909	2124
OTHER DISCOM DEMAND	408	390	399	283
STATE DEMAND MET	27212	26175	24560	22707
STATE DEMAND	27212	26175	24560	22707
Frequency (Hz)	50.02	50.02	49.96	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.15 Hz at 12:02 Hrs	49.65 Hz at 21:08 Hrs	49.95	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 15/Mar/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.04	63.00	180	150
Unit 7	0.00	0.00	0	0
Unit 8	13.81	203.22	582	555
Unit 9	13.22	199.20	571	511
Unit 10	10.91	150.45	510	405
Total	41.98	615.87		
Bhusawal				
Unit 3	2.70	38.67	160	0
Unit 4	8.12	129.68	415	305
Unit 5	3.68	20.37	420	0
Total	14.49	188.72		
Parli				
Unit 6	5.55	68.62	250	180
Unit 7	5.05	66.38	245	29
Unit 8	3.86	49.05	175	149
Total	14.46	184.05		
Chandrapur				
Unit 3	0.00	44.44	0	0
Unit 4	4.07	58.96	174	166
Unit 5	8.82	109.06	380	355
Unit 6	9.56	59.23	420	380
Unit 7	9.53	134.41	432	305
Unit 8	11.18	111.31	478	452
Unit 9	10.85	154.03	464	439
Total	54.01	671.44		
Paras				
Unit 3	5.66	81.40	253	193
Unit 4	4.45	80.04	228	0
Total	10.11	161.45		
Khaparkheda				
Unit 1	3.48	50.44	155	130
Unit 2	3.70	52.74	160	150
Unit 3	0.53	59.21	180	0
Unit 4	4.18	59.78	190	156
Unit 5	10.88	158.04	480	400
Total	22.76	380.23		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.45	61.04	195	160
Unit 5	3.44	51.27	160	122
Total	7.89	112.31		
Uran				
All Units	3.35	53.08	154	122
Total	3.35	53.08		
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)	0.18	2.93	38	0
Total	0.18	2.93		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	7.28	67.18	510	50
Stage 4	10.63	90.44	1010	0
Stage 3	3.67	33.69	320	0
Total	21.58	191.30		
Hydro				
KDPH	0.86	10.17	36	36
VTRNA	0.00	0.00	0	0
TILLARI	0.46	1.45	58	0
BHIRA T.R.	0.44	3.88	80	0
SMLHY_PTN	6.10	88.04	273	209
GHATGHAR	0.00	0.00	0	0
Total	7.87	103.54		
Wind				
Total	5.36	127.56	0	0
Total	5.36	127.56		
CPP				
APML(Mus)	76.28	1126.12	0	0
JSWEL(Mus)	22.05	300.21	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.66	377.54	0	0
SWPGPL-Mus	6.15	86.61	0	0
Other(Mus)	39.70	599.19	0	0
Total	169.84	2489.66		
SOLAR				
Total	9.02	115.80	0	0
Total	9.02	115.80		
Tata				
Trombay 5	9.11	132.76	443	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.45	8.41	109	44
Trombay 7B	1.14	5.57	65	38
TATA Hydro	7.04	69.83	448	0
Trombay 8	5.12	61.55	242	131
Total	23.86	278.12		
AEML				
DTPS U-1&2	5.89	138.84	249	241
Total	5.89	138.84		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	165.70	2314.06	MSPGCL Total	198.67	2664.91
			MSPGCL Thml+Gas	169.05	2367.13	Koyna 1,2 & 4 Total	17.90	157.61
			MSPGCL Hydro	29.62	297.78	State Total	412.64	5814.89

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 15/Mar/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 DEMAND	OTHER DISCOM DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	6972	918	139	8029	235	7080	0	0	6497	6706	-1308	20422	0	20422	2586	320	23328	49.92
2	6843	1245	142	8230	285	7034	0	0	6591	6619	-1411	20480	0	20480	2378	277	23135	49.93
3	6759	1303	152	8214	212	7033	0	0	6759	6694	-1459	20404	0	20404	2224	290	22918	49.95
4	6668	1168	143	7979	260	7030	0	0	6772	6696	-1382	20300	0	20300	2124	283	22707	49.99
5	6720	1281	143	8144	260	7034	0	0	6672	6650	-1310	20487	0	20487	2068	291	22846	49.99
6	6819	1623	143	8585	246	7078	0	0	6539	6585	-1122	21038	0	21038	2122	334	23494	49.97
7	6822	2192	154	9168	195	7089	0	11	6426	6624	-1046	21650	0	21650	2187	391	24228	49.88
8	6856	2058	144	9058	168	7126	0	200	6638	6939	-1039	22053	0	22053	2304	399	24756	49.98
9	6953	1393	142	8488	115	7050	0	581	7163	7257	-1291	21783	0	21783	2554	417	24754	49.99
10	6933	1398	149	8480	145	7081	0	881	7757	7747	-1615	22288	0	22288	2860	431	25579	49.94
11	6925	1406	135	8466	274	7057	0	1102	8334	8180	-1684	22965	0	22965	3099	430	26494	49.93
12	6867	1490	135	8492	368	6979	0	1194	8685	8718	-1738	23605	0	23605	3199	408	27212	50.02
13	6762	973	134	7869	316	6868	0	1221	8738	8468	-1759	22593	0	22593	3192	390	26175	50.02
14	6715	559	133	7407	287	6816	0	1156	8801	8858	-1739	22383	0	22383	3103	402	25888	50.02
15	6885	390	133	7408	261	6826	0	1086	9238	9030	-1814	22410	0	22410	3193	387	25990	49.97
16	6889	637	134	7660	273	6985	0	840	8835	8703	-1850	22198	0	22198	3287	413	25898	49.95
17	6943	963	122	8028	221	7040	0	533	7928	7727	-1742	21394	0	21394	3245	413	25052	49.91
18	7074	1000	134	8208	175	7041	0	197	7301	7130	-1662	20671	0	20671	3105	418	24194	49.90
19	7196	947	134	8277	117	7154	0	15	6656	6539	-1530	20150	0	20150	2950	422	23522	49.87
20	7129	1983	136	9248	99	7199	0	0	6420	6597	-1492	21252	0	21252	2909	399	24560	49.96
21	7013	1365	148	8526	157	7270	0	0	6336	6307	-1429	20410	0	20410	2812	421	23643	49.97
22	7044	1004	139	8187	192	7337	0	0	6305	6276	-1434	20182	0	20182	2584	376	23142	49.89
23	7070	1040	139	8249	252	7311	0	0	6319	5976	-1384	20038	0	20038	2609	366	23013	49.86
24	6846	1283	140	8269	244	7324	0	0	6499	6304	-1382	20414	0	20414	2679	345	23438	49.90
MUs	165.70	29.62	3.35	198.67	5.36	169.84	0.00	9.02	174.21	173.33	-35.62	511.57	0.00	511.57	65.37	9.02	585.97	49.95

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 15/Mar/2022

Position as on 6.30 Hrs of 16/Mar/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Nasik Unit 3	210	26/01/2022	20:26		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)	
MSPGCL	Ghatghar Unit-1	125	17/02/2022	21:55		Continued.	SFC HEAVY FAULT	
MSPGCL	Uran Unit A0	120	21/02/2022	21:57		Continued.	Gas shortage	
IPP	SWPGPL U-4	135	25/02/2022	16:47		Continued.	Turbine Vibration	
MSPGCL	Bhusawal Unit 5	500	03/03/2022	06:05	15/03/2022	11:20	Flame Failure	
IPP	RPL(AMT) U-1	270	07/03/2022	02:39		Continued.	Generator Protection operated	
MSPGCL	Ghatghar Unit-2	125	11/03/2022	01:25		Continued.	TRIPPED ON SFC HEAVY FAULT WHILE TAKING ON PUMPING MODE.(PUMPING TRIAL CARRIED OUT SUCCESSFULLY FROM 20:35HRS TO 22:35HRS DT.10/03/22)	
MSPGCL	Chandrapur Unit 3	210	11/03/2022	08:43		Continued.	WITHDRAWN FOR ATTENDING HPCV-I STEAM LEAKAGE WORK	
MSPGCL	Uran Unit 5	108	14/03/2022	00:00		Continued.	Gas shortage	
AEML	AEML Unit 1	250	14/03/2022	12:32		Continued.	Due to tripping of all 220 kV lines at dahanu.	
MSPGCL	Paras Unit 4	250	15/03/2022	00:31	15/03/2022	03:10	Furnace Pressure High	
MSPGCL	Khaparkheda Unit 3	210	15/03/2022	03:27		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	15/03/2022	19:38		Continued.	Coal Shortage	
MSPGCL	Parli Unit 7	250	15/03/2022	23:10		Continued.	Furnace Pressure High	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 16/Mar/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
CHANDRAPUR - PADGHE HVDC POLE 2	IntraState	12/03/2022	15:01			T	Pole-2 tripped at Padghe end. Black smoke observed near pole 2, B phase converter transformer's 3A bushing - turret. Fire looked external and it was extinguished in 10-15 minutes using fire tenders and fire hydrant
400 KV ICT Outages/Trippings							
400/220/33KV 500 MVA ICT - 1 @ KUDUS	IntraState	08/03/2022	06:01	15/03/2022	23:03	T	Buccholz Relay Optd.
400/220/33 KV 500MVA ICT - 1 @ KHAPARKHEDA	IntraState	15/03/2022	10:59	15/03/2022	17:18	PO	For attending oil leakage from ICT & general routine maintenance. Isolator alignment
400/220/33KV 315MVA ICT - 3 @ LONIKAND	IntraState	15/03/2022	18:44	15/03/2022	19:57	EO	For attending the Hot spot at Bph 29D isolator (CT side) LV side (220kV side). Hot spot temp- 210 DC.
220 KV TIEBAY Outages/Trippings							
BUS SECTION BREAKER @ SHIRSUPHAL	IntraState	15/03/2022	12:12	15/03/2022	21:25	PO	DIAGNOSTIC TESTING & RELAY TESTING WORK
220 KV MAINBAY Outages/Trippings							
BUS COUPLER @ LAMBOTI	IntraState	15/03/2022	13:04	15/03/2022	14:28	PO	For dew point measurement of SF6 CB
MAIN BUS @ SAWANTWADI	IntraState	15/03/2022	15:55	15/03/2022	17:24	PO	220kV Main & allied bay equipments maintenance.
220 KV LINE Outages/Trippings							
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	CABLE FAULT
MUDSHINGI - CHIKODI	IntraState	07/03/2022	10:22			PO	For SSN to DSN insulator string conversion at tower location no M/C-13,14,15 220kv CB overhauling work by agency
TROMBAY - MULUND	IntraState	15/03/2022	05:44	15/03/2022	09:19	EO	For attending sparking at Yph of 72 no location inside BARC
LAMBOTI - SOLAPUR 2(BALE) CKT - 1	IntraState	15/03/2022	10:25	15/03/2022	11:13	PO	For dew point measurement of SF6 CB
KARAD - MUDSHINGI CKT - 4	IntraState	15/03/2022	10:47	15/03/2022	13:47	PO	Replacement of Yph trip ckt coil & for replacement of TSR relays
LAMBOTI - KARKAMB	IntraState	15/03/2022	11:21	15/03/2022	12:09	PO	For dew point measurement of SF6 gas of CB
LAMBOTI - PANDHARPUR	IntraState	15/03/2022	12:17	15/03/2022	12:56	PO	For dew point measurement of SF6 gas
BIDRI - SAWANTWADI	IntraState	15/03/2022	12:22	15/03/2022	14:29	T	TRIPPED ON DIST.PROTN
EKLAHARE (OCR) - NAVASARI CKT - 2	IntraState	15/03/2022	12:49	15/03/2022	18:32	PO	For safety purpose due to OPGW stringing work on 220kV Navsari-Atul line and Navsari-Ambheta line.
OSMANABAD - BARSHI	IntraState	15/03/2022	14:12	15/03/2022	16:48	PO	Quarterly bay maintenance and Annual relay testing work
PUSAD - WARDHA (PG)	IntraState	15/03/2022	16:04	15/03/2022	17:13	T	Distance Protection
LONIKAND 2 - BHOSARI	IntraState	15/03/2022	16:13	15/03/2022	18:00	EO	To attend the hot spot at R phase, loc 07 MSJ. (Mid Span Joint) temp is 100 degree.
THEUR-JEJURI	IntraState	15/03/2022	20:10	15/03/2022	21:37	T	Distance Protection Operated.
BOMBAY DYEING - SAHARA	IntraState	15/03/2022	22:20	16/03/2022	02:50	EO	Emergency work of replacement of Y ph bus isolator jumper
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.

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 15/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 16/Mar/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/22 KV 50 MVA PTR 1 @ KANDALGAON	IntraState	14/12/2021	16:55			EO	For dismantling said 50MVA T/f 1 at 220 kV K'gaon S/s
220/132 KV 200 MVA ICT 3 @ BABHLESHWAR	IntraState	20/12/2021	22:45			T	Tripped on Diferrential protection and Declare faulty
220/132 KV 100 MVA ICT 1 @ LONIKAND 2	IntraState	01/03/2022	18:17			T	Differential Protection
110 KV LINE Outages/Tripping							
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 shfiting 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 shfiting these lines on new Multicircuit Towers between Darave to Vashi.

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