

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	165.350	2479.405	1) Gujrat	-7.618	-112.487
2) Hydro	39.043	336.820	2) Madhya Pradesh	10.102	153.005
3) Gas	3.745	56.820	3) Chattisgarh	4.430	87.610
Total MSPGCL	208.138	2873.045	4) Maharashtra	170.763	2635.731
B) 1) APLM	68.479	1194.594	5) Goa (Amona)	-1.259	-19.888
2) JSWEL	23.580	323.788	Total	176.418	2743.971
3) VIPL	0.000	0.000	a) Mumbai Schedule	32.805	449.342
4) RPL(AMT)	25.694	403.236	b) Mumbai Drawl	36.262	489.922
5) SWPGPL	6.400	93.014	c) MSEDCL Bilateral *	71.093	1604.442
6) Other IPP	40.172	639.358	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	32.737	449.223
C) 1) TPCL Thermal	14.194	208.503	Include PX	0.000	5.604
2) TPCL Hydro	7.618	77.445	Standby	0.068	0.119
3) TPCL Gas	2.872	16.852	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.859	144.704	1) MSEDCL	520.839	7901.534
D) STATE			2) Mumbai Discoms	66.805	937.426
1) Thermal	349.728	5486.602	3) Other Discoms	8.806	139.930
(A1+C1+C4+(B1-B6))			TOTAL STATE	596.450	8978.890
2) Hydro (A2+C2)	46.661	414.265			
3) Gas (A3+B7+C3)	6.617	73.672			
4) Wind	8.392	135.951			
6) SOLAR	8.634	124.429			
TOTAL STATE	420.032	6234.919			

* 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 5 Hrs
MSPGCL Thermal	6918	6883	6847	6961
MSPGCL Hydro	1762	1797	2203	1109
MSPGCL Gas	134	132	214	143
MSPGCL Total Generation	8814	8812	9264	8213
Central Sector Receipt	8379	8476	6701	7277
WIND	515	578	512	222
CPP / IPP Thermal	7131	6396	6713	6997
CPP / IPP Gas	0	0	0	0
SOLAR	1134	1157	0	0
Exchange with Mumbai	-1881	-1874	-1518	-1312
MSEDCL DEMAND MET	23693	23132	21273	21099
Load Shedding	0	0	0	0
MSEDCL DEMAND	23693	23132	21273	21099
TPCL GENERATION	1153	1153	1184	557
AEML GENERATION	241	247	248	245
MUMBAI DEMAND	3275	3274	2950	2114
OTHER DISCOM DEMAND	399	413	399	298
STATE DEMAND MET	27367	26819	24622	23511
STATE DEMAND	27367	26819	24622	23511
Frequency (Hz)	49.92	49.93	49.85	49.96

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 16/Mar/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.96	66.96	170	160
Unit 7	0.00	0.00	0	0
Unit 8	14.33	217.55	606	560
Unit 9	13.83	213.02	602	502
Unit 10	10.74	161.19	505	385
Total	42.85	658.72		
Bhusawal				
Unit 3	0.00	38.67	0	0
Unit 4	10.86	140.54	475	415
Unit 5	10.70	31.07	465	415
Total	21.56	210.28		
Parli				
Unit 6	4.46	73.08	195	182
Unit 7	0.00	66.38	0	0
Unit 8	3.64	52.69	172	148
Total	8.11	192.16		
Chandrapur				
Unit 3	0.00	44.44	0	0
Unit 4	4.08	63.04	173	168
Unit 5	8.94	118.00	385	335
Unit 6	9.38	68.60	416	380
Unit 7	9.32	143.73	430	289
Unit 8	10.74	122.06	475	398
Unit 9	10.56	164.58	448	428
Total	53.02	724.46		
Paras				
Unit 3	5.00	86.40	243	163
Unit 4	4.80	84.84	227	180
Total	9.79	171.24		
Khaparkheda				
Unit 1	3.48	53.92	155	130
Unit 2	3.54	56.29	160	125
Unit 3	0.00	59.21	0	0
Unit 4	4.10	63.89	185	145
Unit 5	11.06	169.10	485	430
Total	22.19	402.41		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.39	65.43	195	160
Unit 5	3.44	54.71	160	122
Total	7.82	120.13		
Uran				
All Units	3.74	56.82	215	132
Total	3.74	56.82		
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)	0.09	3.02	33	0
Total	0.09	3.02		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	7.65	74.82	510	40
Stage 4	18.52	108.95	1005	426
Stage 3	5.45	39.14	320	80
Total	31.62	222.92		
Hydro				
KDPH	0.86	11.03	36	36
VTRNA	0.00	0.00	0	0
TILLARI	0.00	1.45	0	0
BHIRA T.R.	0.46	4.34	80	0
SMLHY_PTN	6.02	94.06	270	234
GHATGHAR	0.00	0.00	0	0
Total	7.34	110.88		
Wind				
Total	8.39	135.95	0	0
Total	8.39	135.95		
CPP				
APML(Mus)	68.48	1194.59	0	0
JSWEL(Mus)	23.58	323.79	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.69	403.24	0	0
SWPGPL-Mus	6.40	93.01	0	0
Other(Mus)	40.17	639.36	0	0
Total	164.32	2653.99		
SOLAR				
Total	8.63	124.43	0	0
Total	8.63	124.43		
Tata				
Trombay 5	8.82	141.58	392	320
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.64	10.05	110	56
Trombay 7B	1.23	6.81	66	47
TATA Hydro	7.62	77.44	448	0
Trombay 8	5.37	66.92	242	131
Total	24.68	302.80		
AEMIL				
DTPS U-1&2	5.86	144.70	249	215
Total	5.86	144.70		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	165.35	2479.40	MSPGCL Total	208.14	2873.04
			MSPGCL Thml+Gas	169.10	2536.22	Koyna 1,2 & 4 Total	26.17	183.78
			MSPGCL Hydro	39.04	336.82	State Total	420.03	6234.92

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 16/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	6918	1500	139	8557	225	7250	0	0	6630	6594	-1392	20916	0	20916	2645	319	23880	49.94
2	6940	1607	151	8698	242	7094	0	0	6995	6696	-1320	21110	0	21110	2460	300	23870	49.92
3	6928	1245	142	8315	213	7073	0	0	7107	7108	-1440	20982	0	20982	2291	287	23560	49.98
4	6960	1103	142	8205	200	7043	0	0	7212	7295	-1366	21097	0	21097	2172	280	23549	49.97
5	6961	1109	143	8213	222	6997	0	0	6852	7277	-1312	21099	0	21099	2114	298	23511	49.96
6	6985	1687	153	8825	266	7201	0	0	6735	6850	-1134	21681	0	21681	2154	327	24162	49.96
7	7017	1970	143	9130	270	7290	0	14	6657	6708	-1053	22008	0	22008	2218	351	24577	49.90
8	7026	1966	143	9135	224	7267	0	179	6818	6757	-1122	22074	0	22074	2330	366	24770	50.00
9	6994	1448	152	8594	159	7094	0	518	7474	7355	-1312	22011	0	22011	2592	397	25000	50.01
10	6979	1420	138	8537	184	7119	0	839	8103	7943	-1543	22670	0	22670	2910	409	25989	50.00
11	6944	1653	136	8733	242	7228	0	1043	8302	8217	-1803	23251	0	23251	3162	409	26822	49.93
12	6918	1762	134	8814	515	7131	0	1134	8539	8379	-1881	23693	0	23693	3275	399	27367	49.92
13	6883	1797	132	8812	578	6396	0	1157	8693	8476	-1874	23132	0	23132	3274	413	26819	49.93
14	6798	1127	132	8057	475	6376	0	1150	9002	9039	-1730	22985	0	22985	3160	382	26527	50.03
15	6731	1312	138	8181	411	6393	0	1030	9016	8728	-1846	22506	0	22506	3258	391	26155	49.98
16	6749	1614	146	8509	372	6349	0	834	8006	8689	-1885	22465	0	22465	3352	403	26220	49.96
17	6790	1776	204	8770	344	6508	0	523	7242	8051	-1826	21966	0	21966	3293	404	25663	49.92
18	6784	2051	215	9050	278	6570	0	200	6691	7052	-1740	20998	0	20998	3142	412	24552	49.98
19	6802	1942	215	8959	292	6678	0	13	6496	6610	-1585	20563	0	20563	2984	404	23951	49.91
20	6847	2203	214	9264	512	6713	0	0	6424	6701	-1518	21273	0	21273	2950	399	24622	49.85
21	6823	1732	208	8763	637	6772	0	0	6272	6257	-1440	20598	0	20598	2836	391	23825	49.93
22	6871	1486	138	8495	610	6727	0	0	6316	6243	-1375	20327	0	20327	2744	373	23444	49.94
23	6854	1548	138	8540	508	6717	0	0	6475	6493	-1349	20548	0	20548	2730	361	23639	49.94
24	6848	1985	149	8982	413	6338	0	0	6578	6900	-1416	20886	0	20886	2759	331	23976	49.88
MUs	165.35	39.04	3.74	208.14	8.39	164.32	0.00	8.63	174.64	176.42	-36.26	520.84	0.00	520.84	66.81	8.81	596.45	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 16/Mar/2022

Position as on 6.30 Hrs of 17/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	
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	Khaparkhedda 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	
IPP	Adani U-3	660	16/03/2022	11:54		Continued.	Primary Duct Leakage	
MSPGCL	Uran Unit 6	108	16/03/2022	21:00	17/03/2022	06:28	Gas shortage	
IPP	JSW (J) U1	300	16/03/2022	23:16		Continued.	Turbine Vibration	

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

Statement-VII

Position as on 6.30 Hrs of 17/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 minjutes using fire tenders and fire hydrant
CHANDRAPUR - PADGHE HVDC POLE 1	IntraState	16/03/2022	23:24	17/03/2022	04:57	EO	Attending RED HOT at pole-1 base filter Z11- Z2 at jumper connecting to Capacitor bushing
400 KV LINE Outages/Trippings							
PADGHE - NAGOTHANE CKT - 1	IntraState	16/03/2022	14:14	16/03/2022	15:47	T	TRIPPED ON DIST. PROTN.
BABHALESHWAR - PADGHE CKT-1	IntraState	16/03/2022	14:56	16/03/2022	15:58	T	TRIPPED ON DIST. PROTN.
400 KV ICT Outages/Trippings							
400/220/33 KV 315MVA ICT - 2 @ CHAKAN	IntraState	16/03/2022	22:28	17/03/2022	04:51	EO	To replace LV 220kV B ph CT due to oil leakage
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
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
BOMBAY DYEING - SAHARA	IntraState	16/03/2022	12:02	16/03/2022	13:21	T	TRIPPED ON DIST. PROTN.
SAHARA-URSE	IntraState	16/03/2022	12:02	16/03/2022	12:26	T	R-B Ph fault, CB TRIP,
TALANDGE - SAWANTWADI	IntraState	16/03/2022	12:26	16/03/2022	15:23	PO	For C & Tan delta testing of line CTs & bay maintenance work at Sawanwadi end.
BABLESHWAR- ALEPHATA CKT - 1	IntraState	16/03/2022	14:55	16/03/2022	16:03	T	LTS OPERATED DUE TO 400KV PADGHE-BBLE-1 TRIPPED ON DIST.PROTN.
BABHALESHWAR - UTECH SUGAR	IntraState	16/03/2022	14:55	16/03/2022	16:03	T	LTS OPERATED DUE TO 400KV PADGHE-BBLE-1 TRIPPED ON DIST.PROTN.
BIDRI - SAWANTWADI	IntraState	16/03/2022	16:10	16/03/2022	18:40	PO	For C & Tan delta testing of line CTs & bay maintenance work at Sawanwadi end.
PEDHAMBE ONI LINE	IntraState	17/03/2022	01:13	17/03/2022	02:26	T	Breaker Problem at Pedambe
NIWALI - PAWAS LINE	IntraState	17/03/2022	01:13			T	tripped on Dist prot
KHAREPATAN -PAWAS LINE	IntraState	17/03/2022	01:13	17/03/2022	07:47	T	tripped on Dist prot
TROMBAY - SALSETTE CKT - 1	IntraState	17/03/2022	05:27	17/03/2022	07:09	EO	Ttree in vicinity of 220kV Trombay -Salsette-1 line in span 55-56, which required emergency trimming
ADLABS - PEDAMBE	IntraState	17/03/2022	07:31			T	A/R sucessful at Adlab end
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
220/132 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
132 KV LINE Outages/Trippings							
MANSAR-PENCH	InterState	16/03/2022	09:44	16/03/2022	17:44	PO	Routine Maintenance work.

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

Statement-VII

Position as on 6.30 Hrs of 17/Mar/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
110 KV LINE Outages/Trippings							
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