

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/May/2022 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	160.387	318.660	1) Gujrat	-4.677	-9.054
2) Hydro	20.025	32.509	2) Madhya Pradesh	7.916	12.476
3) Gas	6.143	12.255	3) Chattisgarh	4.420	7.540
Total MSPGCL	186.555	363.424	4) Maharashtra	190.744	361.002
B) 1) APML	71.764	136.527	5) Goa (Amona)	-1.998	-3.552
2) JSWEL	14.974	36.956	Total	196.405	368.412
3) VIPL	0.000	0.000	a) Mumbai Schedule	37.196	71.674
4) RPL(AMT)	27.302	55.894	b) Mumbai Drawl	41.036	76.612
5) SWPGPL	9.274	17.323	c) MSEDCL Bilateral *	80.283	157.828
6) Other IPP	25.740	51.561	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	37.196	71.674
C) 1) TPCL Thermal	14.585	27.634	Include PX	0.000	0.000
2) TPCL Hydro	3.265	4.903	Standby	0.000	0.000
3) TPCL Gas	2.468	5.388	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.657	22.843	1) MSEDCL	522.031	1019.393
D) STATE			2) Mumbai Discoms	73.011	137.380
1) Thermal	335.683	667.398	3) Other Discoms	9.390	18.247
(A1+C1+C4+(B1-B6))			TOTAL STATE	604.432	1175.020
2) Hydro	23.290	37.412			
(A2+C2)					
3) Gas	8.611	17.643			
(A3+B7+C3)					
4) Wind	30.403	64.003			
6) SOLAR	10.040	20.152			
TOTAL STATE	408.027	806.608			

* 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 8 Hrs
MSPGCL Thermal	6488	6430	6402	6639
MSPGCL Hydro	914	1202	1376	460
MSPGCL Gas	247	247	267	257
MSPGCL Total Generation	7648	7878	8045	7356
Central Sector Receipt	10150	10647	7755	7513
WIND	652	738	1323	1247
CPP / IPP Thermal	6190	6249	6269	5828
CPP / IPP Gas	0	0	0	0
SOLAR	1320	1155	0	345
Exchange with Mumbai	-2283	-2246	-1607	-1412
MSEDCL DEMAND MET	23254	24008	21331	20475
Load Shedding	0	0	0	0
MSEDCL DEMAND	23254	24008	21331	20475
TPCL GENERATION	802	827	1008	634
AEML GENERATION	443	474	494	474
MUMBAI DEMAND	3528	3547	3109	2520
OTHER DISCOM DEMAND	424	414	454	401
STATE DEMAND MET	27206	27968	24894	23396
STATE DEMAND	27206	27968	24894	23396
Frequency (Hz)	49.86	50.01	49.95	50.06

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.29 Hz at 08.02 Hrs	49.73 Hz at 18.52 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 02/May/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.21	8.50	200	115
Unit 7	0.00	0.00	0	0
Unit 8	13.31	27.22	595	522
Unit 9	13.30	26.77	590	510
Unit 10	12.88	26.10	575	492
Total	43.70	88.59		
Bhusawal				
Unit 3	3.04	5.86	140	115
Unit 4	3.39	11.38	395	0
Unit 5	8.98	16.80	435	305
Total	15.40	34.02		
Parli				
Unit 6	5.33	9.18	250	154
Unit 7	0.20	1.00	107	0
Unit 8	3.24	6.50	146	129
Total	8.77	16.68		
Chandrapur				
Unit 3	4.34	8.19	189	150
Unit 4	3.80	7.29	169	124
Unit 5	8.95	17.14	385	310
Unit 6	0.00	0.00	0	0
Unit 7	9.44	17.84	420	357
Unit 8	11.47	22.83	492	453
Unit 9	10.17	20.35	441	403
Total	48.16	93.65		
Paras				
Unit 3	3.80	7.89	217	98
Unit 4	3.92	7.99	218	136
Total	7.73	15.88		
Khaparkheda				
Unit 1	3.08	5.76	145	110
Unit 2	3.70	7.21	160	130
Unit 3	4.18	8.11	186	147
Unit 4	3.40	6.77	158	123
Unit 5	11.01	21.81	475	418
Total	25.37	49.66		
Nasik				
Unit 3	3.76	7.20	182	126
Unit 4	3.82	6.18	180	139
Unit 5	3.68	6.80	184	122
Total	11.25	20.18		
Uran				
All Units	6.14	12.26	267	246
Total	6.14	12.26		
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)	0.11	0.13	24	0
Total	0.11	0.13		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.32	6.74	495	40
Stage 4	5.79	7.19	991	0
Stage 3	2.18	3.20	218	0
Total	12.30	17.12		
Hydro				
KDPH	0.49	0.86	30	16
VTRNA	0.85	1.69	60	0
TILLARI	0.58	1.18	58	0
BHIRA T.R.	0.11	0.26	57	0
SMLHY_PTN	5.32	10.31	237	199
GHATGHAR	0.26	0.96	110	0
Total	7.61	15.26		
Wind				
Total	30.40	64.00	0	0
Total	30.40	64.00		
CPP				
APML(Mus)	71.76	136.53	0	0
JSWEL(Mus)	14.97	36.96	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	27.30	55.89	0	0
SWPGPL-Mus	9.27	17.32	0	0
Other(Mus)	25.74	51.56	0	0
Total	149.05	298.26		
SOLAR				
Total	10.04	20.15	0	0
Total	10.04	20.15		
Tata				
Trombay 5	9.51	18.46	419	339
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.36	3.06	71	49
Trombay 7B	1.10	2.33	53	41
TATA Hydro	3.26	4.90	284	9
Trombay 8	5.08	9.18	230	159
Total	20.32	37.92		
AEML				
DTPS U-1&2	11.66	22.84	499	443
Total	11.66	22.84		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	160.39	318.66	MSPGCL Total	186.56	363.42
			MSPGCL Thml+Gas	166.53	330.92	Koyna 1,2 & 4 Total	10.12	13.92
			MSPGCL Hydro	20.02	32.51	State Total	408.03	806.61

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 02/May/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	7067	278	267	7612	2056	6504	0	0	7201	7016	-1668	21191	0	21191	2970	328	24490	50.00
2	7158	274	257	7688	1909	6142	0	0	6818	6870	-1521	20774	0	20774	2784	315	23872	50.00
3	7152	276	256	7684	1943	6518	0	0	6518	6118	-1387	20600	0	20600	2607	276	23484	49.99
4	7083	278	257	7618	1960	6474	0	0	6469	6579	-1286	21050	0	21050	2473	295	23818	50.02
5	7061	282	257	7600	1800	6377	0	0	6690	6552	-1213	20821	0	20821	2407	296	23524	50.02
6	7086	302	267	7656	1619	6384	0	0	6960	6957	-1228	21057	0	21057	2451	331	23838	50.01
7	6982	310	256	7548	1556	6327	0	65	7199	6925	-1247	20788	0	20788	2424	386	23598	50.04
8	6639	460	257	7356	1247	5828	0	345	7238	7513	-1412	20475	0	20475	2520	401	23396	50.06
9	6831	404	267	7502	842	5930	0	677	7375	7431	-1577	20381	0	20381	2825	424	23630	50.08
10	6593	700	247	7540	762	5745	0	997	8472	8994	-1880	21729	0	21729	3179	429	25337	50.04
11	6627	616	256	7498	783	5660	0	1240	9916	10058	-2159	22651	0	22651	3420	430	26500	49.98
12	6488	914	247	7648	652	6190	0	1320	10291	10150	-2283	23254	0	23254	3528	424	27206	49.86
13	6513	574	267	7354	664	6230	0	1309	10628	10589	-2222	23493	0	23493	3521	432	27446	49.94
14	6519	724	247	7490	744	6288	0	1284	10155	10208	-2142	23466	0	23466	3462	406	27334	50.04
15	6430	1202	247	7878	738	6249	0	1155	10313	10647	-2246	24008	0	24008	3547	414	27968	50.01
16	6433	1748	257	8438	883	6273	0	878	10114	10032	-2277	23811	0	23811	3593	417	27820	49.92
17	6462	1708	246	8416	1042	6271	0	533	9133	9241	-2046	23023	0	23023	3536	434	26993	49.89
18	6483	1405	257	8145	1266	6279	0	211	8392	8197	-1851	21799	0	21799	3361	448	25608	50.02
19	6403	668	247	7318	1403	6173	0	26	7770	7836	-1637	20666	0	20666	3125	453	24244	49.96
20	6402	1376	267	8045	1323	6269	0	0	7629	7755	-1607	21331	0	21331	3109	454	24894	49.95
21	6428	1074	247	7749	1455	6248	0	0	7437	7604	-1555	21066	0	21066	3041	435	24542	49.99
22	6434	821	256	7511	1387	6264	0	0	7347	7489	-1486	20743	0	20743	3003	422	24168	49.93
23	6519	1678	267	8464	1243	6288	0	0	7559	7744	-1521	21837	0	21837	3036	381	25254	49.92
24	6594	1952	247	8793	1126	6143	0	0	7877	7900	-1585	22017	0	22017	3089	360	25466	49.90
MUs	160.39	20.02	6.14	186.55	30.40	149.05	0.00	10.04	195.50	196.41	-41.04	522.03	0.00	522.03	73.01	9.39	604.43	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 02/May/2022

Position as on 6.30 Hrs of 03/May/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	03/05/2022
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	
MSPGCL	Uran Unit 5	108	20/04/2022	16::27		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 6	500	29/04/2022	00:15	03/05/2022	09:52	Boiler Tube Leakage	02/05/2022
MSPGCL	Parli Unit 7	250	01/05/2022	05:22	02/05/2022	21:39	Boiler Tube Leakage	
IPP	JSW (J) U3	300	02/05/2022	01:46	03/05/2022	18:54	Withdrawn	
IPP	RPL(AMT) U-1	270	02/05/2022	07:15		Continued.	CW line below leakage	
MSPGCL	Bhusawal Unit 4	500	02/05/2022	11:00		Continued.	Boiler Tube Leakage	
IPP	SWPGPL U-4	135	03/05/2022	06:15	03/05/2022	11:50	Turbine Vibration high	
IPP	Adani U-1	660	03/05/2022	06:16	03/05/2022	23:36	APH Problem.	
MSPGCL	Parli Unit 6	250	03/05/2022	12:13		Continued.	Boiler Tube Leakage	
IPP	JSW (J) U3	300	03/05/2022	19:08	03/05/2022	21:41	cooling water line leakage.	
MSPGCL	Chandrapur Unit 8	500	03/05/2022	23:52		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 02/May/2022

Statement-VII

Position as on 6.30 Hrs of 03/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV TIEBAY Outages/Tripping							
TIE BAY - 402 OF BUS REACTOR @ ALKUD	IntraState	29/04/2022	15:25	03/05/2022	22:15	EO	For breaker replacement work
400 KV LINE Outages/Tripping							
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	30/04/2022	11:21			HT	HT for Load Management
CHANDRAPUR - KHAPERKHEDA	IntraState	02/05/2022	15:58	02/05/2022	18:38	EO	Replacement of hanger rod assembly and scissor assembly of R-ph PG-1 Isolator (Bus-1 Isolator) by hot line technique.
LONIKAND I - KOYNA STAGE-IV	IntraState	02/05/2022	17:27	02/05/2022	20:09	EO	To attend the leakage in safety valve in Circuit Breaker by shifting the line on 400kV TBC.
KHADKA-AURANGABAD	IntraState	03/05/2022	14:55	03/05/2022	17:02	EO	Hot spot attending work at 89C PG isolator R-ph
400 KV BR Outages/Tripping							
80 MVar Bus reactor @ Talandge	IntraState	24/04/2022	18:45			T	Differential Trip
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.
BOISAR II - TARAPUR	IntraState	30/04/2022	11:32			PO	Replacement of existing 0.5 ACSR MOOSE Conductor at loc. No. 11- 28, replacement of heavily Rusted Hardware , heavily rusted earth-wire and all insulator strings of the line
TALANDGE - MUDSHINGI CKT - 1	IntraState	02/05/2022	16:45	02/05/2022	21:27	EO	To attend hot of R phase jump observed in Thermovision scanning at tower loc. no. 305 . Hot spot temperature is 130 degree.
TEMGHAR - KALWA	IntraState	03/05/2022	06:15	03/05/2022	09:50	EO	To attend hot spot at Loc No. 2 (129 deg.C).
NERLE- POPHALI	IntraState	03/05/2022	10:10	03/05/2022	17:35	PO	1) Cold washing of insulator strings from Loc no. 1-15 2) CC/WT installation at Pophali end.
KARAD -MUDSHINGI CKT- 4	IntraState	03/05/2022	14:55	03/05/2022	19:47	PO	For replacement of Flashover R phase Polymer insulator string observed at tower loc no. 101 & 102 during petrolling on dt. 09.04.2022
LONIKAND (400 KV)-THEUR II	IntraState	03/05/2022	16:44	03/05/2022	17:41	EO	to attend hot spot on 29A Iso Temp=120 Degree C
LONIKAND (400 KV)-THEUR II	IntraState	03/05/2022	18:57			EO	Shifting of Bus from Bus-A to Bus-B through TBC due to Hot Spot On 29 A iso
LONIKAND (400 KV)-THEUR I	IntraState	03/05/2022	19:31			EO	Shifting of Bus from Bus-B to Bus-A through TBC due to Hot Spot On 220kV Theur-II ckt 29 A Iso
TALANDGE - MUDSHINGI CKT - 2	IntraState	03/05/2022	19:49	03/05/2022	22:44	EO	To attend hotspot on Rph CT, temp >160 deg cet.
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
220/132 KV 200 MVA ICT 3 @ BABHLESHWAR	IntraState	20/12/2021	22:45			T	Tripped on Diferrential protection and Declare faulty

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 02/May/2022

Statement-VII

Position as on 6.30 Hrs of 03/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 KV 100 MVA ICT 1 @ LONIKAND 2	IntraState	01/03/2022	18:17			T	Differential Protection
220/22 KV 50 MVA PTR 1 @ MAHAD	IntraState	02/05/2022	08:56	02/05/2022	19:34	PO	Transformer Painting Work & Diagnosis test by Testing team K'gaon and R&M work.
220/132-110/11KV 200MVA VID ICT 1 @ MIRAJ	IntraState	02/05/2022	10:00	02/05/2022	15:25	PO	To check auxiliary protection, QMW
220/33KV 100 MVA TF 3 @ AAREY	IntraState	02/05/2022	11:34	02/05/2022	13:01	EO	For checking of false alarm of SF6 low alarm
220/110 KV 100 MVA PTR 3	IntraState	02/05/2022	12:15	02/05/2022	17:47		Pre-monsoon maintenance work.
220/33KV 125 MVA TF 3 @ SAKI (AEML)	IntraState	02/05/2022	14:23	02/05/2022	16:18	EO	REPLACEMENT OF DAMAGED NGR
220/22 KV 50 MVA PTR 1 @ MAHAD	IntraState	03/05/2022	08:07	03/05/2022	19:05	PO	Transformer Painting Work & Diagnosis test by Testing team K'gaon and R&M work.
220 KV BUSBAR Outages/Trippings							
BUS SECTION - 1 @ PIGASUS	IntraState	02/05/2022	18:07	02/05/2022	23:22	EO	phasing out test by project & testing authorities
110 KV LINE Outages/Trippings							
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 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