

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/May/2022 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	185.027	3037.359	1) Gujrat	-7.409	-106.417
2) Hydro	35.253	392.728	2) Madhya Pradesh	6.447	105.475
3) Gas	3.260	118.788	3) Chattisgarh	3.450	65.590
Total MSPGCL	223.540	3548.875	4) Maharashtra	195.696	3422.044
B) 1) APML	60.514	1179.234	5) Goa (Amona)	-0.833	-24.797
2) JSWEL	16.980	342.360	Total	197.351	3461.895
3) VIPL	0.000	0.000	a) Mumbai Schedule	35.354	623.827
4) RPL(AMT)	19.240	489.378	b) Mumbai Drawl	38.941	665.929
5) SWPGPL	9.456	151.188	c) MSEDCL Bilateral *	64.258	1302.516
6) Other IPP	18.536	382.755	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	35.314	623.706
C) 1) TPCL Thermal	14.953	262.106	Include PX	0.000	0.000
2) TPCL Hydro	6.379	72.592	Standby	0.040	0.121
3) TPCL Gas	0.762	53.174	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.139	204.447	1) MSEDCL	518.042	9357.071
D) STATE			2) Mumbai Discoms	72.176	1258.233
1) Thermal	335.845	6048.827	3) Other Discoms	9.680	169.441
(A1+C1+C4+(B1-B6))			TOTAL STATE	599.898	10784.745
2) Hydro (A2+C2)	41.632	465.320			
3) Gas (A3+B7+C3)	4.022	171.962			
4) Wind	14.057	474.340			
6) SOLAR	6.989	162.416			
TOTAL STATE	402.545	7322.865			

* 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 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	7585	7883	7753	7711
MSPGCL Hydro	1224	1906	1798	1738
MSPGCL Gas	130	140	130	150
MSPGCL Total Generation	8938	9928	9682	9600
Central Sector Receipt	9475	9118	7374	7118
WIND	319	268	671	733
CPP / IPP Thermal	5087	5314	5330	5315
CPP / IPP Gas	0	0	0	0
SOLAR	948	590	0	0
Exchange with Mumbai	-2122	-2053	-1420	-1157
MSEDCL DEMAND MET	22210	22735	21204	21277
Load Shedding	0	0	0	0
MSEDCL DEMAND	22210	22735	21204	21277
TPCL GENERATION	834	998	1192	781
AEML GENERATION	468	478	500	462
MUMBAI DEMAND	3424	3529	3112	2400
OTHER DISCOM DEMAND	435	431	432	332
STATE DEMAND MET	26070	26694	24748	24008
STATE DEMAND	26070	26694	24748	24008
Frequency (Hz)	50.01	49.83	49.88	49.79

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.11 Hz at 13.00 Hrs	49.6 Hz at 23.01 Hrs	49.93	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 18/May/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.78	72.05	165	150
Unit 7	0.00	0.00	0	0
Unit 8	14.00	238.86	608	567
Unit 9	12.38	219.36	551	408
Unit 10	13.76	233.87	610	535
Total	43.91	764.14		
Bhusawal				
Unit 3	3.40	56.68	150	120
Unit 4	11.20	133.05	495	370
Unit 5	10.42	158.76	470	385
Total	25.01	348.48		
Parli				
Unit 6	3.95	64.30	238	0
Unit 7	5.17	70.54	223	158
Unit 8	3.10	45.47	136	125
Total	12.23	180.31		
Chandrapur				
Unit 3	4.23	67.50	180	175
Unit 4	3.29	63.64	147	131
Unit 5	8.91	154.06	380	360
Unit 6	9.61	141.93	405	395
Unit 7	9.01	162.82	390	351
Unit 8	11.20	175.67	472	461
Unit 9	10.30	180.93	440	415
Total	56.54	946.53		
Paras				
Unit 3	5.10	75.94	243	145
Unit 4	4.90	79.20	224	178
Total	10.00	155.14		
Khaparkheda				
Unit 1	2.82	52.24	125	95
Unit 2	3.63	64.27	155	150
Unit 3	4.28	61.21	184	172
Unit 4	3.52	62.00	162	129
Unit 5	11.27	200.45	475	440
Total	25.52	440.17		
Nasik				
Unit 3	4.15	69.44	181	132
Unit 4	3.91	69.96	180	144
Unit 5	3.75	63.19	178	125
Total	11.82	202.59		
Uran				
All Units	3.26	118.79	150	120
Total	3.26	118.79		
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	1.95	23	0
Total	0.17	1.95		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.93	80.98	505	40
Stage 4	17.31	123.38	1008	290
Stage 3	5.18	45.80	320	80
Total	28.42	250.15		
Hydro				
KDPH	0.68	8.98	29	29
VTRNA	0.80	14.98	59	0
TILLARI	0.00	8.24	0	0
BHIRA T.R.	0.31	3.25	80	0
SMLHY_PTN	4.61	97.54	239	156
GHATGHAR	0.25	7.64	120	0
Total	6.66	140.63		
Wind				
Total	14.06	474.34	0	0
Total	14.06	474.34		
CPP				
APML(Mus)	60.51	1179.23	0	0
JSWEL(Mus)	16.98	342.36	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	19.24	489.38	0	0
SWPGPL-Mus	9.46	151.19	0	0
Other(Mus)	18.54	382.76	0	0
Total	124.73	2544.92		
SOLAR				
Total	6.99	162.42	0	0
Total	6.99	162.42		
Tata				
Trombay 5	9.62	171.82	436	284
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.76	32.10	115	0
Trombay 7B	0.00	21.07	0	0
TATA Hydro	6.38	72.59	445	73
Trombay 8	5.33	90.29	236	160
Total	22.09	387.87		
AEML				
DTPS U-1&2	11.14	204.45	501	353
Total	11.14	204.45		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	185.03	3037.36	MSPGCL Total	223.54	3548.88
			MSPGCL Thml+Gas	188.29	3156.15	Koyna 1,2 & 4 Total	23.24	204.36
			MSPGCL Hydro	35.25	392.73	State Total	402.54	7322.86

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/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	7819	1572	130	9522	1087	5348	0	0	7988	7933	-1452	22089	0	22089	2991	348	25428	49.93
2	7847	1264	150	9262	1170	5227	0	0	7820	7773	-1303	21806	0	21806	2792	322	24920	49.90
3	7859	1322	130	9312	1029	5134	0	0	7660	7537	-1275	21430	0	21430	2599	306	24336	49.81
4	7839	1426	140	9404	912	5147	0	0	7724	7630	-1357	21423	0	21423	2470	313	24206	49.93
5	7711	1738	150	9600	733	5315	0	0	7336	7118	-1157	21277	0	21277	2400	332	24008	49.79
6	7649	1948	130	9728	633	5234	0	0	7191	7540	-1105	21671	0	21671	2411	358	24440	49.77
7	7560	2020	150	9730	464	5097	0	46	7525	7841	-1291	21491	0	21491	2410	397	24298	50.01
8	7573	1306	130	9008	398	5074	0	216	8242	8930	-1627	21570	0	21570	2506	430	24506	50.03
9	7543	718	140	8402	404	5007	0	457	8937	8693	-1791	20737	0	20737	2766	435	23938	49.98
10	7598	1058	150	8806	308	5079	0	681	8908	8936	-1921	21451	0	21451	3094	438	24984	49.98
11	7482	1238	120	8840	289	5095	0	829	9311	9463	-2107	21959	0	21959	3324	451	25734	50.00
12	7585	1224	130	8938	319	5087	0	948	9506	9475	-2122	22210	0	22210	3424	435	26070	50.01
13	7700	974	140	8814	288	5064	0	978	9781	9373	-2062	22012	0	22012	3448	444	25904	50.00
14	7699	1062	130	8890	248	4892	0	867	9747	10007	-2024	22451	0	22451	3368	430	26248	50.01
15	7814	1564	120	9498	256	5114	0	791	9688	9435	-2097	22584	0	22584	3459	414	26456	49.82
16	7883	1906	140	9928	268	5314	0	590	9385	9118	-2053	22735	0	22735	3529	431	26694	49.83
17	7724	1890	130	9744	276	5317	0	381	8979	8847	-2019	22092	0	22092	3477	454	26022	49.98
18	7708	1768	130	9606	475	5145	0	178	8460	8250	-1754	21460	0	21460	3325	439	25224	49.99
19	7634	1328	130	9092	611	5320	0	27	7534	7366	-1460	20518	0	20518	3140	438	24096	49.95
20	7753	1798	130	9682	671	5330	0	0	7331	7374	-1420	21204	0	21204	3112	432	24748	49.88
21	7782	1478	140	9400	790	5341	0	0	7141	7132	-1390	20836	0	20836	3052	437	24324	49.96
22	7726	1232	140	9098	978	5354	0	0	7046	7151	-1382	20776	0	20776	3003	422	24202	49.95
23	7782	1446	130	9358	774	5342	0	0	7417	7272	-1370	20974	0	20974	3009	402	24384	49.86
24	7757	1972	150	9878	676	5349	0	0	7504	7157	-1402	21286	0	21286	3065	372	24724	49.85
MUs	185.03	35.25	3.26	223.54	14.06	124.73	0.00	6.99	198.16	197.35	-38.94	518.04	0.00	518.04	72.17	9.68	599.90	49.93

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 18/May/2022

Position as on 6.30 Hrs of 19/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	15/06/2022
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-1	270	11/05/2022	21:00		Continued.	Coal Shortage	
MSPGCL	Uran Unit B0	120	13/05/2022	01:34		Continued.	excitation fault (unit out due to gas shortage from 02:30hrs of dt.13.05.2022)	
MSPGCL	Uran Unit 8	108	13/05/2022	01:34		Continued.	excitation fault (unit out due to gas shortage from 02:30hrs of dt.13.05.2022)	
MSPGCL	Uran Unit 5	108	16/05/2022	12:59		Continued.	Gas shortage	
IPP	RPL(AMT) U-2	270	16/05/2022	23:53		Continued.	Coal Shortage	
TPC-G	Trombay 7B	60	16/05/2022	23:59		Continued.	Non availability of APM gas.	19/05/2022
TPC-G	Trombay 7A	120	17/05/2022	00:14	18/05/2022	16:58	Non availability of APM gas.	19/05/2022
IPP	Adani U-2	660	17/05/2022	06:31		Continued.	Withdrawn	22/05/2022
MSPGCL	Parli Unit 6	250	18/05/2022	04:20	18/05/2022	07:32	Furnace Pressure High	
TPC-G	Trombay 7A	120	19/05/2022	02:26		Continued.	Gas shortage	
IPP	SWPGPL U-3	135	19/05/2022	03:00		Continued.	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/May/2022

Statement-VII

Position as on 6.30 Hrs of 19/May/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 - 712 OF 765/400KV ICT-2 AND BUS RECTOR @ EKTUNI	IntraState	18/05/2022	10:36	18/05/2022	17:07	PO	Diagnostic Testing of CB & Routine Maintenance
400 KV LINE Outages/Trippings							
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	15/05/2022	23:42			HT	For Load Management on Mumbai Supply Lines during the Outage of HVDC Pole-2
JAIGAD - NEW KOYNA CKT - 1	IntraState	16/05/2022	09:23			PO	C.B. Overhauling work Shifting on TBC
TBC @ CHAKAN	IntraState	17/05/2022	20:14			EO	Replacement of R, Y and B phases of 89B PG isolators of 400 KV TBC is to be done as their operating mechanisms are mechanically jammed and are difficult to dislodge.
NAGOTHANE - DABHOL CKT - 1	IntraState	18/05/2022	01:15	18/05/2022	02:41	T	A/& successful at Nagothane end Tripped at Dabhol end
NEW KOYNA - DABHOL CKT - 2	IntraState	18/05/2022	12:37	18/05/2022	15:50	EO	Removing of cutted Earthwire between loc no. 11-12
BABHALESHWAR - PADGHE CKT - 2	IntraState	18/05/2022	17:17	18/05/2022	17:51	T	Distance Protection
KHARGHAR - TALEGAON (PG)	IntraState	19/05/2022	03:00	19/05/2022	07:29	EO	Chemical cleaning of insulators in the fog prone region.
BABLESHWAR- AURANGABAD (WALUJ)	IntraState	19/05/2022	05:31	19/05/2022	06:54	T	DP
400 KV ICT Outages/Trippings							
400/132 KV 200 MVA ICT - 1 @ KHADKA	IntraState	16/05/2022	06:36	18/05/2022	13:31	PO	for OLTC overhauling and Pre monsoon Maintenance work
400/220 KV 315MVA ICT - 2 @ KARAD	IntraState	18/05/2022	16:06	18/05/2022	17:47	EO	Emergency outage for attending hot spot at 220 kV Side R & B ph CT clamp Temp-140 & 195 degree resp
220 KV TIEBAY Outages/Trippings							
MAIN BUS SECTIONALIZER -1 @ GHODBUNDER (GIS)	IntraState	18/05/2022	08:25	18/05/2022	16:29	PO	Annual maintenance of AIS Main Bus-1 side isolators and equipments.
220 KV TBC Outages/Trippings							
TBC @ VERSOVA (AEML)	IntraState	18/05/2022	09:34	18/05/2022	18:13	PO	For safety purpose during outage of TR-5
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.
PHURSUNGI-PARVATI	IntraState	18/05/2022	00:45	18/05/2022	06:02	PO	flashover disc replacement
JEJURI-PHURSUNGI 1	IntraState	18/05/2022	01:15	18/05/2022	06:08	PO	flashover disc replacement at loc no. 12 R phase cp jejuri phur ckt I both ckt ob multi ckt(Top-jejuri phursungi ckt I and bottom parvati phursungi. 2) fixing of repair sleeve between loc no. 83 to 84 to 85 parvati -phursungi
MAIN BUS - 1 @ GHODBUNDER	IntraState	18/05/2022	08:28	18/05/2022	16:25		Annual maintenance of AIS Main Bus-1 side isolators and equipments
LAMBOTI - KARKAMB	IntraState	18/05/2022	12:31	18/05/2022	14:59	PO	For replacement of CT Jump Nut & Bolts and attending repetitive hotspot.
BORIVALI - TARAPUR	IntraState	18/05/2022	14:36			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.

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/May/2022

Statement-VII

Position as on 6.30 Hrs of 19/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
EKLAHARE (GCR) - PIMPALGAON CKT - 1	IntraState	18/05/2022	15:03			EO	Disconnection of Main bus isolator jump and Reconnection of jump by Hot line unit Nashik. (Main Bus isolator alignment work to be carried out) work carried out in emergency.
DASTURI-KANDALGAON LINE	IntraState	18/05/2022	18:40	19/05/2022	03:47	PO	Outage tree cutting work at various location and other line premonsoon maintenance work.
TROMBAY - CARNAC - 7	IntraState	18/05/2022	22:32	18/05/2022	02:41	PO	REPLACEMENT OF GOD ARM AT TROMBAY
TROMBAY CARNAC - 6	IntraState	18/05/2022	23:08	19/05/2022	03:34	EO	for replacement of transfer bus GOD arm
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 dismantling said 50MVA T/f 1 at 220 kV K'gaon S/s
220/33kV 125 MVA TF 5 @ VERSOVA (AEML)	IntraState	18/05/2022	09:33	18/05/2022	17:44	PO	Annual & premonsoon maintenance of Transformer, NGT & bay equipments
220/132KV 100MVA PTR 2 @ KHAREPATAN	IntraState	18/05/2022	09:42	18/05/2022	19:55	PO	For replacement of Y & B ph LV side bushings.
220/132-110 KV 100MVA ICT No-01 @ OGLEWADI	IntraState	18/05/2022	10:01	18/05/2022	12:26	PO	Premonsoon maintenance work
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 - MANKHURD	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringing of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shifting these lines on new Multicircuit Towers between Darave to Vashi.
WAGHIVALI - CHEMBUR	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringing of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shifting these lines on new Multicircuit Towers between Darave to Vashi.

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