

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	164.503	2941.043	1) Gujrat	-3.813	-75.831
2) Hydro	25.517	575.504	2) Madhya Pradesh	7.745	168.043
3) Gas	6.694	117.464	3) Chattisgarh	4.290	83.000
Total MSPGCL	196.714	3634.011	4) Maharashtra	209.714	3067.689
B) 1) APML	44.324	1307.445	5) Goa (Amona)	-1.646	-28.930
2) JSWEL	22.174	344.581	Total	216.290	3213.971
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.347	530.594
4) RPL(AMT)	31.673	555.515	b) Mumbai Drawl	33.904	585.248
5) SWPGPL	6.340	158.191	c) MSEDCL Bilateral *	97.949	1298.918
6) Other IPP	31.750	610.853	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.347	530.485
C) 1) TPCL Thermal	16.259	282.460	Include PX	0.000	0.000
2) TPCL Hydro	5.145	62.795	Standby	0.000	0.108
3) TPCL Gas	1.723	57.249	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.215	207.623	1) MSEDCL	535.898	9485.419
D) STATE			2) Mumbai Discoms	68.246	1195.384
1) Thermal	328.238	6407.711	3) Other Discoms	9.147	161.011
(A1+C1+C4+(B1-B6))			TOTAL STATE	613.291	10841.814
2) Hydro (A2+C2)	30.662	638.299			
3) Gas (A3+B7+C3)	8.417	174.713			
4) Wind	20.256	248.870			
6) SOLAR	9.428	158.241			
TOTAL STATE	397.001	7627.834			

* 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 4 Hrs
MSPGCL Thermal	6777	6749	6847	6897
MSPGCL Hydro	538	1855	2026	625
MSPGCL Gas	281	397	414	143
MSPGCL Total Generation	7596	9001	9287	7665
Central Sector Receipt	11551	10297	7762	7619
WIND	317	392	686	1689
CPP / IPP Thermal	5488	5500	5484	5580
CPP / IPP Gas	0	0	0	0
SOLAR	1256	823	0	0
Exchange with Mumbai	-1982	-1743	-1313	-972
MSEDCL DEMAND MET	23937	23981	21606	21437
Load Shedding	0	0	0	0
MSEDCL DEMAND	23937	23981	21606	21437
TPCL GENERATION	902	1090	1208	789
AEML GENERATION	483	490	468	454
MUMBAI DEMAND	3367	3323	2989	2215
OTHER DISCOM DEMAND	419	422	431	273
STATE DEMAND MET	27723	27726	25026	23925
STATE DEMAND	27723	27726	25026	23925
Frequency (Hz)	50.01	49.71	49.87	49.89

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.13 Hz at 10.00 Hrs	49.51 Hz at 23.08 Hrs	49.92	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/Apr/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.88	71.07	210	200
Unit 7	0.00	0.00	0	0
Unit 8	14.07	246.52	605	533
Unit 9	13.76	248.01	590	552
Unit 10	0.00	60.94	0	0
Total	32.71	626.54		
Bhusawal				
Unit 3	3.62	40.63	165	140
Unit 4	10.14	168.02	450	400
Unit 5	9.94	172.88	450	370
Total	23.70	381.54		
Parli				
Unit 6	5.21	75.36	240	163
Unit 7	5.25	74.84	230	185
Unit 8	3.26	60.67	150	132
Total	13.72	210.86		
Chandrapur				
Unit 3	3.51	77.32	148	145
Unit 4	3.27	70.16	142	130
Unit 5	7.34	147.63	310	300
Unit 6	8.49	123.84	372	325
Unit 7	8.34	158.15	380	295
Unit 8	10.37	189.90	465	397
Unit 9	10.17	183.76	442	372
Total	51.49	950.77		
Paras				
Unit 3	5.74	96.17	249	231
Unit 4	5.11	90.36	225	202
Total	10.85	186.54		
Khaparkheda				
Unit 1	3.24	56.73	165	95
Unit 2	3.64	59.58	155	135
Unit 3	4.33	70.08	188	175
Unit 4	1.60	62.65	89	0
Unit 5	10.74	196.51	470	430
Total	23.55	445.56		
Nasik				
Unit 3	4.27	68.71	189	160
Unit 4	0.00	63.85	0	0
Unit 5	4.20	6.67	188	151
Total	8.47	139.23		
Uran				
All Units	6.69	117.46	421	133
Total	6.69	117.46		
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)	0.13	2.26	31	0
Total	0.13	2.26		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	6.00	119.04	520	40
Stage 4	8.04	236.34	1000	0
Stage 3	2.84	76.46	320	0
Total	16.87	431.84		
Hydro				
KDPH	0.79	15.14	33	33
VTRNA	0.84	13.74	59	0
TILLARI	0.52	8.37	58	0
BHIRA T.R.	0.10	2.85	57	0
SMLHY_PTN	5.33	98.77	233	203
GHATGHAR	0.93	2.52	144	0
Total	8.52	141.40		
Wind				
Total	20.26	248.87	0	0
Total	20.26	248.87		
CPP				
APML(Mus)	44.32	1307.44	0	0
JSWEL(Mus)	22.17	344.58	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.67	555.52	0	0
SWPGPL-Mus	6.34	158.19	0	0
Other(Mus)	31.75	610.85	0	0
Total	136.26	2976.58		
SOLAR				
Total	9.43	158.24	0	0
Total	9.43	158.24		
Tata				
Trombay 5	10.70	189.36	477	419
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.22	34.51	114	0
Trombay 7B	0.50	22.74	66	0
TATA Hydro	5.14	62.80	371	96
Trombay 8	5.56	93.10	240	211
Total	23.13	402.50		
AEML				
DTPS U-1&2	11.22	207.62	498	400
Total	11.22	207.62		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	164.50	2941.04	MSPGCL Total	196.71	3634.01
			MSPGCL Thml+Gas	171.20	3058.51	Koyna 1,2 & 4 Total	14.03	355.39
			MSPGCL Hydro	25.52	575.50	State Total	397.00	7627.83

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/Apr/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	6878	571	142	7591	1448	6106	0	0	8223	8601	-1358	22060	0	22060	2659	329	25048	49.88
2	6877	578	142	7597	1572	5737	0	0	8409	8285	-1185	21702	0	21702	2493	304	24499	49.89
3	6875	615	142	7632	1659	5710	0	0	7970	8245	-1033	21942	0	21942	2336	271	24549	49.94
4	6897	625	143	7665	1689	5709	0	0	7730	7619	-972	21437	0	21437	2215	273	23925	49.89
5	6914	493	133	7540	1440	5695	0	0	8198	8347	-952	21770	0	21770	2176	300	24246	49.98
6	6906	764	143	7813	1351	5703	0	0	8401	9159	-1012	22679	0	22679	2254	335	25268	49.98
7	6916	640	144	7700	1118	5704	0	49	8411	8606	-1037	21753	0	21753	2291	386	24431	49.99
8	6895	945	165	8005	709	5668	0	282	8355	8425	-1158	21534	0	21534	2417	398	24348	50.02
9	6850	613	213	7676	475	5700	0	624	8333	8684	-1453	21296	0	21296	2708	410	24414	50.02
10	6793	635	231	7659	345	5674	0	935	9540	9883	-1708	22379	0	22379	3034	409	25822	50.01
11	6779	555	260	7594	336	5622	0	1159	10839	10889	-1858	23319	0	23319	3274	424	27016	50.04
12	6777	538	281	7596	317	5618	0	1256	11510	11551	-1982	23937	0	23937	3367	419	27723	50.01
13	6844	469	291	7604	347	5605	0	1305	11486	11428	-1993	23884	0	23884	3347	412	27643	50.00
14	6816	495	297	7608	412	5586	0	1199	11098	11244	-1893	23761	0	23761	3235	394	27390	49.98
15	6791	994	357	8142	417	5570	0	1029	10938	10844	-1802	23797	0	23797	3299	402	27499	49.86
16	6749	1855	397	9001	392	5633	0	823	10327	10297	-1743	23981	0	23981	3323	422	27726	49.71
17	6804	2005	398	9207	431	5630	0	532	9656	9377	-1654	23096	0	23096	3276	427	26799	49.74
18	6751	1963	421	9135	544	5632	0	214	8444	8281	-1492	21880	0	21880	3168	433	25481	49.86
19	6792	1598	411	8801	577	5610	0	21	7674	7647	-1298	20928	0	20928	3008	430	24366	49.94
20	6847	2026	414	9287	686	5616	0	0	7924	7762	-1313	21606	0	21606	2989	431	25026	49.87
21	6842	1518	405	8765	1173	5646	0	0	7738	7660	-1263	21580	0	21580	2885	401	24866	49.90
22	6946	1191	391	8528	1079	5678	0	0	7524	7624	-1229	21286	0	21286	2820	394	24500	49.93
23	6960	1626	390	8976	912	5701	0	0	7829	7895	-1238	21861	0	21861	2821	385	25067	49.78
24	7004	2204	383	9591	827	5710	0	0	7938	7938	-1278	22429	0	22429	2851	360	25640	49.77
MUs	164.50	25.52	6.69	196.71	20.26	136.26	0.00	9.43	214.50	216.29	-33.90	535.90	0.00	535.90	68.25	9.15	613.29	49.92

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/Apr/2022

Position as on 6.30 Hrs of 19/Apr/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 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	
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	
MSPGCL	Koradi Unit-10	660	07/04/2022	08:08		Continued.	Condenser Cleaning work.	
IPP	SWPGPL U-3	135	16/04/2022	15:52		Continued.	APH problem	
MSPGCL	Uran Unit 6	108	16/04/2022	16:22	18/04/2022	12:43	Gas shortage	
MSPGCL	Nasik Unit 4	210	16/04/2022	20:58		Continued.	Condenser Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	17/04/2022	11:36	18/04/2022	03:43	ID Fan bearing temp.high	
MSPGCL	Uran Unit 8	108	17/04/2022	11:52	18/04/2022	07:07	Gas shortage	
MSPGCL	Uran Unit B0	120	17/04/2022	11:52	18/04/2022	09:45	Gas shortage	
TPC-G	Trombay 7A	120	17/04/2022	18:23	18/04/2022	12:41	Gas shortage	
TPC-G	Trombay 7B	60	17/04/2022	18:23		Continued.	Gas shortage	

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

Statement-VII

Position as on 6.30 Hrs of 19/Apr/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LR Outages/Tripping							
Pole-1 Non base AC filter Z3 (120 MVAR) @ Chandrapur HVDC	IntraState	18/04/2022	08:02			PO	For Refurbishment & RTV Coating of AC Filter Air Core reactor through Expert Agency as per OEM M/s Trench Austria guidelines hence this work to be carried out on top priority to avoid Failure of Air Core Reactor
400 KV MAINBAY Outages/Tripping							
BUS COUPLER @ KOLHAPUR-III (TALANDGE)-400 KV	IntraState	18/04/2022	16:31	18/04/2022	21:50	PO	QM Work
400 KV LINE Outages/Tripping							
DHULE - KHANDWA CKT - 1	InterState	18/04/2022	13:43	18/04/2022	20:03	PO	PG isolator Maint work
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	29/03/2022	13:28			T	HT FOR LOAD MANAGEMENT
GT-10 @ KORADI-2	IntraState	18/04/2022	12:35	18/04/2022	12:35		1)diagnostic testing of Bay Equipments(CT, CB, CVT etc.) & 2) tightening of jumper connected to 400kv Main Bus 1(using hot line method)
BABHALESHWAR - PADGHE CKT-1	IntraState	18/04/2022	20:32	18/04/2022	23:06	EO	To attend Hot spot at Cut point Tower Loc No.108 and 141 under 400kv R.S(O&M) Division Babhaleshwar
GT-10 @ KORADI-2	IntraState	19/04/2022	07:20				Replacement of damaged jumper conductor of Bph Line CT at Bay 401
220 KV MAINBAY Outages/Tripping							
MAIN BUS @ PAWAS	IntraState	18/04/2022	09:55	18/04/2022	17:45	PO	For routine maintenance of 220kv bus isolators, Cleaning of main bus Insulators & replacement of rusted isolator structure GI pipes of Section Isolator work at 220kv Pawas S/s.
220 KV LINE Outages/Tripping							
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	cABLE FAULT
TROMBAY (M) - CHEMBUR CKT - 3	IntraState	13/04/2022	13:25			PO	Bunching work at Loc No. 723 & 62
TROMBAY - MULUND	IntraState	14/04/2022	09:00	18/04/2022	21:20	PO	Erection of tower at Loc No.72
ALEPHATA-PARGAON(KATHAPUR)	IntraState	18/04/2022	13:38	18/04/2022	18:22	EO	Work of attending Hot Spot at Loc No 1,2,207,217,233,245 &263 (All Hot Spot between 65-95 Degree Cel)
BUS SECTION BREAKER	IntraState	18/04/2022	15:13	18/04/2022	15:31	EO	for raising SF6 gas pressure as pressure of gas is low.
LONAND - KANDALGAON (SONA ALLOY TAP)	IntraState	18/04/2022	17:02	18/04/2022	17:30	T	TRIPPED ON DIST.PROTN.
LONAND - KANDALGAON (SONA ALLOY TAP)	IntraState	18/04/2022	17:02	18/04/2022	17:30	T	TRIPPED ON DIST.PROTN.
BOISAR II - VIRAJ	IntraState	19/04/2022	00:25			HT	HT due to opening of jumper at Boisar end
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
220/132 KV 100 MVA ICT 1 @ LONIKAND 2	IntraState	01/03/2022	18:17			T	Differential Protection
220/33 kv 50 MVA CGL PTR 1 @ MUDSHINGI	IntraState	18/04/2022	10:08	18/04/2022	17:49	PO	Quarterly maint & diagnostic testing work.

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

Statement-VII

Position as on 6.30 Hrs of 19/Apr/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 @ PADGHE	IntraState	18/04/2022	13:20	18/04/2022	21:56	PO	For commissioning of new Air cell & installation of Drive mechanism of OLTC for 220/22Kv 50MVA BHEL Make tf
220/22 KV 50 MVA PTR 3 @ LONIKAND	IntraState	18/04/2022	22:45	19/04/2022	00:15	EO	Checking & calibration of Temperature meters due to rise in temperature.
110 KV LINE Outages/Trippings							
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.
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.

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