

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	164.301	2614.465	1) Gujrat	-3.836	-68.718
2) Hydro	17.232	535.196	2) Madhya Pradesh	6.175	152.166
3) Gas	9.003	105.764	3) Chattisgarh	4.150	74.500
Total MSPGCL	190.536	3255.425	4) Maharashtra	192.423	2667.245
B) 1) APLM	69.397	1201.842	5) Goa (Amona)	-1.309	-26.147
2) JSWEL	20.775	304.405	Total	197.603	2799.046
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.841	474.020
4) RPL(AMT)	31.510	492.426	b) Mumbai Drawl	31.751	522.318
5) SWPGPL	8.255	145.574	c) MSEDCL Bilateral *	90.316	1114.667
6) Other IPP	32.309	547.324	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.841	473.912
C) 1) TPCL Thermal	15.749	250.605	Include PX	0.000	0.000
2) TPCL Hydro	3.053	55.860	Standby	0.000	0.108
3) TPCL Gas	3.531	53.082	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.394	185.723	1) MSEDCL	535.655	8426.395
D) STATE			2) Mumbai Discoms	65.478	1067.594
1) Thermal	353.690	5742.364	3) Other Discoms	8.712	143.162
(A1+C1+C4+(B1-B6))			TOTAL STATE	609.845	9637.151
2) Hydro (A2+C2)	20.285	591.056			
3) Gas (A3+B7+C3)	12.534	158.846			
4) Wind	16.315	206.662			
6) SOLAR	9.418	139.171			
TOTAL STATE	412.242	6838.099			

* 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 8 Hrs
MSPGCL Thermal	6964	6954	6836	7042
MSPGCL Hydro	616	582	639	427
MSPGCL Gas	412	409	283	423
MSPGCL Total Generation	7992	7945	7758	7892
Central Sector Receipt	9537	9576	8115	7025
WIND	437	461	684	397
CPP / IPP Thermal	6698	6671	6308	6953
CPP / IPP Gas	0	0	0	0
SOLAR	1222	1269	0	292
Exchange with Mumbai	-1793	-1781	-1280	-977
MSEDCL DEMAND MET	23830	23882	21316	21368
Load Shedding	0	0	0	0
MSEDCL DEMAND	23830	23882	21316	21368
TPCL GENERATION	828	824	1126	852
AEML GENERATION	486	489	486	468
MUMBAI DEMAND	3107	3094	2892	2297
OTHER DISCOM DEMAND	396	391	402	347
STATE DEMAND MET	27333	27367	24610	24012
STATE DEMAND	27333	27367	24610	24012
Frequency (Hz)	49.98	50.00	49.93	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.16 Hz at 17.59 Hrs	49.69 Hz at 05.39 Hrs	49.97	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/Apr/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.82	61.48	215	165
Unit 7	0.00	0.00	0	0
Unit 8	13.57	218.54	602	478
Unit 9	14.11	220.34	606	567
Unit 10	0.00	60.94	0	0
Total	32.49	561.29		
Bhusawal				
Unit 3	3.50	33.32	170	120
Unit 4	10.44	147.29	450	410
Unit 5	10.72	152.21	455	435
Total	24.66	332.82		
Parli				
Unit 6	5.08	64.93	237	175
Unit 7	4.98	64.51	227	169
Unit 8	3.32	54.10	150	132
Total	13.38	183.54		
Chandrapur				
Unit 3	3.44	70.38	148	128
Unit 4	3.23	63.72	160	124
Unit 5	7.30	132.98	315	290
Unit 6	7.34	107.58	315	290
Unit 7	9.12	141.10	400	336
Unit 8	10.67	168.78	470	418
Unit 9	10.30	163.18	441	414
Total	51.40	847.73		
Paras				
Unit 3	5.20	84.96	239	177
Unit 4	5.01	80.37	222	167
Total	10.21	165.33		
Khaparkheda				
Unit 1	2.94	50.45	140	85
Unit 2	3.42	52.55	155	125
Unit 3	3.83	61.88	186	138
Unit 4	3.34	59.99	158	110
Unit 5	11.30	174.42	478	455
Total	24.84	399.29		
Nasik				
Unit 3	4.03	60.63	191	124
Unit 4	3.29	63.85	180	0
Unit 5	0.00	0.00	0	0
Total	7.32	124.48		
Uran				
All Units	9.00	105.76	444	271
Total	9.00	105.76		
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)	0.10	2.01	23	0
Total	0.10	2.01		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.32	111.28	355	35
Stage 4	4.07	224.84	500	0
Stage 3	1.54	72.25	240	0
Total	8.93	408.38		
Hydro				
KDPH	0.82	13.56	34	34
VTRNA	0.80	12.06	60	0
TILLARI	0.52	7.33	58	0
BHIRA T.R.	0.16	2.63	77	0
SMLHY_PTN	5.90	88.18	257	234
GHATGHAR	0.00	1.06	0	0
Total	8.20	124.81		
Wind				
Total	16.32	206.66	0	0
Total	16.32	206.66		
CPP				
APML(Mus)	69.40	1201.84	0	0
JSWEL(Mus)	20.78	304.40	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.51	492.43	0	0
SWPGPL-Mus	8.26	145.57	0	0
Other(Mus)	32.31	547.32	0	0
Total	162.25	2691.57		
SOLAR				
Total	9.42	139.17	0	0
Total	9.42	139.17		
Tata				
Trombay 5	10.44	168.24	457	412
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.13	31.83	113	62
Trombay 7B	1.40	21.25	66	50
TATA Hydro	3.05	55.86	304	13
Trombay 8	5.30	82.36	234	180
Total	22.33	359.55		
AEML				
DTPS U-1&2	11.39	185.72	501	412
Total	11.39	185.72		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	164.30	2614.46	MSPGCL Total	190.54	3255.42
			MSPGCL Thml+Gas	173.30	2720.23	Koyna 1,2 & 4 Total	7.39	336.13
			MSPGCL Hydro	17.23	535.20	State Total	412.24	6838.10

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 16/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	6869	1169	410	8448	1004	7166	0	0	7327	7505	-1242	22574	0	22574	2737	307	25618	49.90
2	6828	1138	430	8396	891	7241	0	0	7237	7237	-1127	22321	0	22321	2580	317	25218	49.94
3	6830	1000	421	8251	756	7245	0	0	7284	7440	-1037	22367	0	22367	2408	288	25063	49.99
4	6866	769	422	8057	725	7224	0	0	7498	7372	-902	22189	0	22189	2301	287	24777	49.94
5	6930	857	422	8209	639	7215	0	0	7716	7835	-877	22730	0	22730	2242	291	25263	49.94
6	7012	1178	421	8611	555	7232	0	0	7529	7524	-900	22687	0	22687	2300	335	25322	49.80
7	7007	851	444	8302	562	7201	0	44	7517	7481	-919	22333	0	22333	2270	338	24941	49.96
8	7042	427	423	7892	397	7086	0	292	7390	7025	-977	21368	0	21368	2297	347	24012	50.03
9	6820	441	430	7691	292	6540	0	602	7729	7779	-1214	21340	0	21340	2469	350	24159	50.01
10	6970	533	427	7930	331	6652	0	931	8261	8308	-1472	22310	0	22310	2755	370	25435	50.01
11	6886	541	424	7851	402	6794	0	1151	9165	8922	-1668	23073	0	23073	2985	379	26437	50.00
12	6964	616	412	7992	437	6831	0	1222	9518	9537	-1793	23830	0	23830	3107	396	27333	49.98
13	6954	582	409	7945	461	6803	0	1269	9627	9576	-1781	23882	0	23882	3094	391	27367	50.00
14	6896	443	410	7749	420	6770	0	1222	9699	9652	-1674	23743	0	23743	2982	396	27121	50.00
15	6910	508	400	7818	395	6739	0	1076	9856	9944	-1734	23849	0	23849	3026	389	27264	49.99
16	6916	620	399	7935	399	6433	0	843	10043	10021	-1712	23514	0	23514	3070	405	26989	49.95
17	6818	796	310	7924	514	6434	0	548	9291	9438	-1619	22827	0	22827	3045	412	26284	50.00
18	6813	751	282	7846	577	6431	0	201	8471	8259	-1422	21470	0	21470	2955	422	24847	50.00
19	6793	387	271	7451	611	6400	0	17	7985	7834	-1276	20623	0	20623	2858	414	23895	49.98
20	6836	639	283	7758	684	6441	0	0	7961	8115	-1280	21316	0	21316	2892	402	24610	49.93
21	6764	466	287	7517	1388	6435	0	0	7798	7343	-1242	21050	0	21050	2840	391	24281	50.04
22	6460	470	297	7227	1354	6314	0	0	7782	7613	-1234	20901	0	20901	2760	373	24034	50.02
23	6548	918	280	7746	1333	6150	0	0	7794	7933	-1308	21488	0	21488	2741	366	24595	49.96
24	6569	1132	289	7990	1188	6469	0	0	8141	7910	-1341	21869	0	21869	2764	347	24980	49.89
MUs	164.30	17.23	9.00	190.54	16.32	162.25	0.00	9.42	198.62	197.60	-31.75	535.65	0.00	535.65	65.48	8.71	609.84	49.97

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/Apr/2022

Position as on 6.30 Hrs of 17/Apr/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna Unit 7	80	16/04/2022	08:15	16/04/2022	14:45	Preventive Maintenance Work	16/04/2022
MSPGCL	Koyna Unit 8	80	17/04/2022	07:50	17/04/2022	14:35	Preventive Maintenance Work	17/04/2022
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)	
MSPGCL	Ghatghar Unit-1	125	17/02/2022	21:55	17/04/2022	12:15	SFC HEAVY FAULT	
IPP	JSW (J) U1	300	16/03/2022	23:16		Continued.	Turbine Vibration	
MSPGCL	Nasik Unit 5	210	22/03/2022	23:40	17/04/2022	04:53	Coal Shortage	17/04/2022
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		Continued.	Gas shortage	
MSPGCL	Nasik Unit 4	210	16/04/2022	20:58		Continued.	Condenser Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	17/04/2022	04:51	17/04/2022	06:57	Furnace Pressure High	17/04/2022
MSPGCL	Khaparkheda Unit 4	210	17/04/2022	11:36		Continued.	ID Fan bearing temp.high	
MSPGCL	Uran Unit B0	120	17/04/2022	11:52		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	17/04/2022	11:52		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	17/04/2022	18:23		Continued.	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/Trippings for 16/Apr/2022

Statement-VII

Position as on 6.30 Hrs of 17/Apr/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV TBC Outages/Trippings							
POLE-2 BASE AC FILTER Z1-Z2(200MVAR) @ CHANDRAPUR HVDC	IntraState	16/04/2022	20:02	16/04/2022	23:48	EO	to attend the oil leakage of Pole II Z2 Filter B Phase 245 kV CT
POLE-1 BASE AC FILTER Z1-Z2(200MVAR) @ CHANDRAPUR HVDC	IntraState	16/04/2022	23:57	17/04/2022	03:18	EO	to attend the oil leakage of Pole I Z2 Filter R Phase 245 kV CT
POLE-1 BASE AC FILTER Z1-Z2(200MVAR) @ CHANDRAPUR HVDC	IntraState	16/04/2022	23:57	17/04/2022	02:46	EO	to attend the oil leakage of Pole I Z2 Filter R Phase 245 kV CT
400 KV LINE Outages/Trippings							
DHULE - KHANDWA CKT - 2	InterState	16/04/2022	09:16	16/04/2022	19:07	PO	PG isolator Servicing & overhauling work
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	29/03/2022	13:28			T	HT FOR LOAD MANAGEMENT
JAIGAD - NEW KOYNA CKT - 1	IntraState	16/04/2022	09:20	16/04/2022	18:48	PO	Diagnostic testing & Relay testing work & Routine maint. Work
KARAD - LONIKAND I	IntraState	16/04/2022	16:58	16/04/2022	19:41	EO	For CB antipumping feature checking on the basis of occurrence on dtd. 09.02.2022 in view of multiple unwanted closing of CB R pole at 400kV Lonikand-I SS.
220 KV LINE Outages/Trippings							
NALASOPARA - BOISAR PG	InterState	17/04/2022	11:15	17/04/2022	17:05	EO	Attending Hot Spot at Loc no.113 (R-Ph PGCIL side, R & B-Ph Nalasopara side), Loc no. 115(R-Ph Nalasopara side), Loc no.106 (R & B-Ph PGCIL side, R & Y-Ph Nalasopara side), Loc no.92(R-Ph Nalasopara side), Loc no. 84(B-Ph PGCIL side), Loc no.13(Y-Ph Nalasopara side), Loc no.12(B-Ph PGCIL side)
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			PO	Erection of tower at Loc No.72
SALSETTE - SAKI -7	IntraState	16/04/2022	07:14	16/04/2022	09:20	PO	TREE TRIMMING IN SPAN 27-28
MAHAPE - RELIANCE GIS	IntraState	16/04/2022	09:01	16/04/2022	15:46	PO	For installation of repaired line differential relay and bay maintenance work.
LAMBOTI - PANDHARPUR	IntraState	16/04/2022	09:27	16/04/2022	13:16	T	LINE TRIPPED ONLY AT LAMBOTI END.WAVETRAP JUMPER OPENED AT LAMBOTI.
NEW KOYNA - NIWALI	IntraState	16/04/2022	09:43	16/04/2022	19:32	PO	For cold washing of insulator strings from Loc no 01 to 53(Niwali LILO Line), 56 to 195.
PARGAON(KATHAPUR)-LONIKAND	IntraState	16/04/2022	16:52	16/04/2022	20:40	PO	Replacement of Disc Insulator String at Loc No 342 & to attend Hot Spot at Loc No 04,5,274,285,333,348 & 365 (All Hot Spot between 70-100 Degree Cel)
BABLESHWAR -BHENDA	IntraState	16/04/2022	17:46	16/04/2022	21:16	T	Distance Protection

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

Statement-VII

Position as on 6.30 Hrs of 17/Apr/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
THEUR-PHURSUNGI CKT II	IntraState	16/04/2022	18:12	16/04/2022	21:39	PO	1) Replacement of Flashover string at L.N.-16- R Phase,28 R Phase 2) Fixing & Tightening of Nutbolt at various locations 3) Double Jumping at L.N.-1(R Phase) & 2 (B phase) due to Hotspot L.N.-1, R Phase, Phursungi Side Temp-58.3 Degree L.N.-2,B Phase ,Theur Side Temp-50 Degree
PADGHE - JAMBHUL 1	IntraState	17/04/2022	03:18	17/04/2022	05:55	PO	Soak test of 220kV, 2000 sqmm. EHV cable between Loc No. 44 & 43 of 220kV Padgha - PAL Line
SIEMENS - RELIANCE GIS	IntraState	17/04/2022	05:36	17/04/2022	15:05	T	Diff. Protection.
KHARGHAR - BORIVALI CKT - 2	IntraState	17/04/2022	05:37	17/04/2022	15:10	T	Tripped on Dist. Protection
MAIN BUS SECTION - 1 @ PEDAMBE	IntraState	17/04/2022	07:50	17/04/2022	18:15	PO	For all bays M.B. isolator P/M work
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
220/132 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
220/22KV 50 MVA PTR - 3 @ AKP	IntraState	16/04/2022	08:28	16/04/2022	18:14	PO	HV CT (R, Y, B PH) replacement work.
220 / 110 / 22kV 250MVA ICT 1 @ BORIVALI (TATA)	IntraState	16/04/2022	10:08	16/04/2022	13:35	PO	project work-copper bus replacement
220/132 KV 200 MVA ICT 1@ RANJANGAON	IntraState	16/04/2022	11:50	16/04/2022	16:30	PO	for replacement of HV Side R-ph CT having high Tan-delta value
220/100 KV 200 MVA ICT 4 @ PADGHE	IntraState	16/04/2022	12:10	16/04/2022	18:28	EO	For arresting oil leakage by replacing CFT Terminal points
220/132KV 200MVA ICT 6 @ EKLAHARE (GCR)	IntraState	16/04/2022	14:03	16/04/2022	15:50	EO	Attending red hot spot having temprature 148 Degree R Phase HV Bushing
220 / 110 / 33kV 250MVA AT 2 @ BACKBAY	IntraState	17/04/2022	08:40	17/04/2022	19:23	PO	FOR REPLACEMENT OF HYDRAULIC CYLINDERS OF 220 KV BREAKER
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 shfting 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 shfting these lines on new Multicircuit Towers between Darave to Vashi.

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