

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Apr/2022 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	173.055	4474.799	1) Gujrat	-1.602	-105.894
2) Hydro	28.549	788.224	2) Madhya Pradesh	7.941	246.084
3) Gas	5.849	176.660	3) Chattisgarh	4.480	124.850
Total MSPGCL	207.453	5439.683	4) Maharashtra	183.993	4779.868
B) 1) APLM	75.309	1857.547	5) Goa (Amona)	-1.831	-42.334
2) JSWEL	22.101	544.026	Total	192.981	5002.574
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.075	806.877
4) RPL(AMT)	31.661	839.834	b) Mumbai Drawl	37.890	901.856
5) SWPGPL	6.320	222.468	c) MSEDCL Bilateral *	66.561	1946.339
6) Other IPP	28.686	880.393	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.441	805.297
C) 1) TPCL Thermal	15.951	428.420	Include PX	0.000	0.858
2) TPCL Hydro	5.721	109.997	Standby	0.634	1.580
3) TPCL Gas	3.352	85.419	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.712	313.116	1) MSEDCL	540.927	14244.860
D) STATE			2) Mumbai Discoms	74.626	1838.815
1) Thermal	364.795	9560.603	3) Other Discoms	9.454	244.624
(A1+C1+C4+(B1-B6))			TOTAL STATE	625.007	16328.299
2) Hydro	34.270	898.221			
(A2+C2)					
3) Gas	9.201	262.079			
(A3+B7+C3)					
4) Wind	15.014	371.745			
6) SOLAR	8.746	233.070			
TOTAL STATE	432.026	11325.718			

* 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 21 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	7220	7218	7374	7218
MSPGCL Hydro	446	1658	1175	478
MSPGCL Gas	255	234	266	256
MSPGCL Total Generation	7920	9110	8815	7952
Central Sector Receipt	9504	9310	7419	7286
WIND	606	538	407	830
CPP / IPP Thermal	6850	6803	6914	6876
CPP / IPP Gas	0	0	0	0
SOLAR	1107	741	0	294
Exchange with Mumbai	-2041	-2169	-1472	-1229
MSEDCL DEMAND MET	23524	23907	21672	21594
Load Shedding	0	0	0	0
MSEDCL DEMAND	23524	23907	21672	21594
TPCL GENERATION	1034	1157	1144	819
AEML GENERATION	484	481	497	492
MUMBAI DEMAND	3559	3807	3113	2540
OTHER DISCOM DEMAND	423	426	411	416
STATE DEMAND MET	27506	28140	25196	24550
STATE DEMAND	27506	28140	25196	24550
Frequency (Hz)	49.91	49.79	49.86	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.14 Hz at 18:01 Hrs	49.45 Hz at 14:40 Hrs	49.86	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 27/Apr/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.35	110.65	195	165
Unit 7	0.00	0.00	0	0
Unit 8	12.61	361.54	565	453
Unit 9	13.32	368.45	572	469
Unit 10	13.74	149.22	605	530
Total	44.02	989.84		
Bhusawal				
Unit 3	3.12	68.98	145	115
Unit 4	7.34	245.31	355	280
Unit 5	7.23	248.04	360	280
Total	17.70	562.33		
Parli				
Unit 6	3.57	118.81	239	0
Unit 7	5.30	121.14	234	209
Unit 8	3.22	90.15	141	126
Total	12.10	330.09		
Chandrapur				
Unit 3	4.11	112.99	180	160
Unit 4	3.70	102.05	158	149
Unit 5	8.89	222.35	375	350
Unit 6	8.55	206.94	395	290
Unit 7	8.37	241.27	390	300
Unit 8	11.13	283.36	490	392
Unit 9	10.31	274.41	443	406
Total	55.06	1443.38		
Paras				
Unit 3	4.42	142.42	212	159
Unit 4	4.86	135.26	230	165
Total	9.28	277.68		
Khaparkheda				
Unit 1	3.10	83.90	150	115
Unit 2	3.60	88.36	160	130
Unit 3	4.35	103.47	187	175
Unit 4	3.30	90.93	152	125
Unit 5	11.09	293.39	480	450
Total	25.43	660.05		
Nasik				
Unit 3	4.10	104.72	195	141
Unit 4	1.40	65.25	177	0
Unit 5	3.97	41.45	193	116
Total	9.47	211.42		
Uran				
All Units	5.85	176.66	277	117
Total	5.85	176.66		
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	3.31	23	0
Total	0.10	3.31		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.96	169.79	520	40
Stage 4	10.41	298.25	1005	0
Stage 3	3.81	101.72	320	0
Total	20.18	569.76		
Hydro				
KDPH	0.37	21.12	16	16
VTRNA	0.90	21.38	59	0
TILLARI	0.57	13.10	58	0
BHIRA T.R.	0.16	5.00	77	0
SMLHY_PTN	5.47	147.73	241	217
GHATGHAR	0.79	6.83	125	0
Total	8.26	215.15		
Wind				
Total	15.01	371.74	0	0
Total	15.01	371.74		
CPP				
APML(Mus)	75.31	1857.55	0	0
JSWEL(Mus)	22.10	544.03	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.66	839.83	0	0
SWPGPL-Mus	6.32	222.47	0	0
Other(Mus)	28.69	880.39	0	0
Total	164.08	4344.27		
SOLAR				
Total	8.75	233.07	0	0
Total	8.75	233.07		
Tata				
Trombay 5	10.39	284.87	456	397
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.00	51.27	114	49
Trombay 7B	1.35	34.15	68	41
TATA Hydro	5.72	110.00	434	29
Trombay 8	5.56	143.55	242	211
Total	25.02	623.84		
AEML				
DTPS U-1&2	11.71	313.12	499	463
Total	11.71	313.12		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	173.06	4474.80	MSPGCL Total	207.45	5439.68
			MSPGCL Thml+Gas	178.90	4651.46	Koyna 1,2 & 4 Total	16.37	468.04
			MSPGCL Hydro	28.55	788.22	State Total	432.03	11325.72

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 27/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	6971	2002	257	9230	590	6932	0	0	7528	7951	-1494	22874	0	22874	3058	336	26268	49.80
2	7085	2062	277	9424	578	6917	0	0	7539	7666	-1312	22961	0	22961	2839	313	26112	49.93
3	7102	1948	246	9296	622	6923	0	0	7409	7406	-1191	22754	0	22754	2648	303	25704	49.92
4	7088	1874	257	9218	709	6909	0	0	7323	7022	-1105	22443	0	22443	2511	311	25264	49.89
5	7063	1748	247	9058	899	6913	0	0	7336	7236	-1037	22738	0	22738	2428	332	25498	49.94
6	7120	1688	277	9084	1014	6936	0	0	7441	7310	-1051	22931	0	22931	2470	362	25764	49.91
7	7188	1384	247	8820	935	6918	0	51	7282	7491	-1130	22694	0	22694	2449	390	25534	49.92
8	7218	478	256	7952	830	6876	0	294	7344	7286	-1229	21594	0	21594	2540	416	24550	49.98
9	7135	389	247	7771	657	6592	0	586	7837	7789	-1424	21552	0	21552	2799	418	24770	49.92
10	7110	651	267	8028	793	6264	0	870	8421	8532	-1677	22373	0	22373	3133	437	25943	49.89
11	7119	434	245	7798	737	6746	0	1088	9223	9070	-1867	23138	0	23138	3388	435	26960	49.89
12	7220	446	255	7920	606	6850	0	1107	9636	9504	-2041	23524	0	23524	3559	423	27506	49.91
13	7175	400	244	7820	524	6831	0	1208	9546	9427	-2152	23237	0	23237	3635	420	27292	49.88
14	7155	458	254	7868	647	6832	0	1125	9380	9549	-2141	23465	0	23465	3665	414	27544	49.88
15	7241	1182	242	8666	525	6824	0	1006	9737	9499	-2261	23834	0	23834	3761	424	28020	49.61
16	7218	1658	234	9110	538	6803	0	741	9431	9310	-2169	23907	0	23907	3807	426	28140	49.79
17	7212	942	264	8418	460	6788	0	459	8686	8782	-1951	22518	0	22518	3670	438	26626	49.86
18	7277	1338	245	8860	467	6864	0	190	7926	7846	-1722	22072	0	22072	3459	433	25964	49.91
19	7293	778	245	8316	423	6834	0	21	7374	7494	-1539	21108	0	21108	3225	441	24774	49.80
20	7400	1250	246	8896	369	6889	0	0	7312	7308	-1520	21512	0	21512	3175	429	25117	49.84
21	7374	1175	266	8815	407	6914	0	0	7211	7419	-1472	21672	0	21672	3113	411	25196	49.86
22	7396	1070	247	8714	450	6893	0	0	7186	7162	-1437	21386	0	21386	3056	396	24838	49.81
23	7445	1364	167	8976	508	6892	0	0	7558	7584	-1433	22146	0	22146	3072	382	25600	49.76
24	7450	1826	117	9392	726	6937	0	0	7674	7339	-1535	22494	0	22494	3166	366	26026	49.73
MUs	173.05	28.55	5.85	207.45	15.01	164.08	0.00	8.75	193.34	192.98	-37.89	540.93	0.00	540.93	74.63	9.45	625.01	49.86

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 27/Apr/2022

Position as on 6.30 Hrs of 28/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	03/05/2022
MSPGCL	Nasik Unit 4	210	16/04/2022	20:58	27/04/2022	13:15	Condenser Tube Leakage (Unit 4 was not available due to Critical coal stock since from Unit 5 synchronization 04:53 hrs. of 17.04.2022)	24/04/2022
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	
IPP	SWPGPL U-2	135	26/04/2022	21:24		Continued.	ID Fan Vibration High	
MSPGCL	Parli Unit 6	250	26/04/2022	21:30	27/04/2022	07:12	Furnace Pressure High	
MSPGCL	Uran Unit 6	108	27/04/2022	22:22	28/04/2022	00:55	DUE TO CARD FAULT	
MSPGCL	Uran Unit A0	120	27/04/2022	22:22		Continued.	DUE TO CARD FAULT	
MSPGCL	Parli Unit 6	250	28/04/2022	05:35		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 27/Apr/2022

Statement-VII

Position as on 6.30 Hrs of 28/Apr/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV MAINBAY Outages/Tripping							
TBC @ KARAD	IntraState	27/04/2022	09:45	27/04/2022	20:14	PO	For replacement of 400 kV Tension Disc Insulator Strings by Hot Line Unit Ogalewadi & Kolhapur on trial basis on 400 kV TBC Bus which is free.
400 KV LINE Outages/Tripping							
DHULE - SSNNL CKT - 1	InterState	27/04/2022	18:02	27/04/2022	21:53	T	Tripped on OV
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	20/04/2022	11:23			HT	HT for Load Management
DEEPNAGAR - AURANGABAD (WALUJ)	IntraState	27/04/2022	06:22	27/04/2022	16:36	PO	For replacement of Faulty Dead end & Mid span joint & Faulty insulator strings by Long Rod porcelain detected in PID at various LOCs
400 KV ICT Outages/Tripping							
400/220/33 KV 500 MVA ICT - 1 @ LAMBOTI	IntraState	27/04/2022	10:19	27/04/2022	18:04	PO	Pre-monsoon Activities to be carried out. Routine maintenance & Diagnostic testing work.
400 KV BR Outages/Tripping							
80 MVAr Bus reactor @ Talandge	IntraState	24/04/2022	18:45			T	Differential Trip
220 KV TBC Outages/Tripping							
TBC @ BHOSARI 2	IntraState	27/04/2022	10:30	27/04/2022	16:40	PO	Replacement of 220 KV EHV CT of R & Y Ph under LE scheme
220 KV MAINBAY Outages/Tripping							
METERING BAY (CONSUMER) - 2 @ SERUM	IntraState	26/04/2022	16:15			PO	Replacement of 06 Nos. Of 75/5 A CT by New 100/5A CT.(Main and check) for metering bay-02.
220 KV LINE Outages/Tripping							
PARLI (OLD GCR) - PARLY (PG) CKT 1	InterState	27/04/2022	22:48	28/04/2022	02:47	HT	HAND TRIPPED DUE TO O/D AT LOW FREQUENCY
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	cABLE FAULT
KALWA - MULUND 2	IntraState	27/04/2022	00:18	27/04/2022	03:36	PO	Removal Y Phase 2000A wave trap and installation of 1250A wave trap on Y Phase.
KHARGHAR - TOPWORTH	IntraState	27/04/2022	08:08	27/04/2022	13:28	PO	For charging of 220kV Cable (KK line) for soak test from proposed Khandeshwar GIS to proposed Panvel Timber market93km)
LAMBOTI - VAIRAG	IntraState	27/04/2022	09:24	27/04/2022	19:32	PO	Outage is required for 1. Fixing of Bird Diverter 2. Replacement of Flashover string at Loc no. 58 - R ph
NERLE- POPHALI	IntraState	27/04/2022	11:34	27/04/2022	13:10	T	DP
EKLAHARA(GCR)(NASIK)-BABLESHWAR 2	IntraState	27/04/2022	12:21			EO	Shifting of 220kV GCR-BBLR-2 line on 220kV TBC bay.
SOUTH SOLAPUR (KUMBHARI) - SOLAPUR (PG) CKT - 2	IntraState	27/04/2022	12:29	27/04/2022	16:51	PO	An outage is required for Quarterly Maintenance
NERLE- POPHALI	IntraState	27/04/2022	13:30			T	Tripped on Overcurrent.
WARDHA - WARDHA (PG)	IntraState	27/04/2022	22:26	28/04/2022	02:48	HT	HAND TRIPPED DUE TO O/D AT LOW FREQUENCY
GHODBUNDER - MSETCL BOISAR	IntraState	27/04/2022	23:48	28/04/2022	05:28	HT	HAND TRIPPED FOR LOAD MANAGEMENT TO AVAILED 220KV BOISAR-BOISAR PG-2 E/O
BOISAR - VERSOVA	IntraState	27/04/2022	23:51	28/04/2022	04:14	HT	HAND TRIPPED FOR LOAD MANAGEMENT TO AVAILED 220KV BOISAR-BOISAR PG-2 E/O

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Apr/2022

Statement-VII

Position as on 6.30 Hrs of 28/Apr/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
BOISAR II - BOISAR (PG) CKT - 2	IntraState	28/04/2022	00:01	28/04/2022	05:23	EO	Major Hot spot attending work 1.Bph D-Isolator jumper at clamp crimping point-285 0C (Image no.IR000167) 2. Yph D-Isolator jumper at clamp crimping point-98.3 0C (Image no.IR000165) 3. Yph CT stud & clamp -67.9 0C (Image no.IR000163)
WALUJ - CHITEGAON I	IntraState	28/04/2022	00:22	28/04/2022	02:55	HT	HAND TRIPPED DUE TO O/D AT LOW FREQUENCY
APTA - BOMBAY DYEING	IntraState	28/04/2022	05:27	28/04/2022	07:45	PO	Attending of red hot spot at Loc no. 210 & LILO 6
TROMBAY - SALSETTE CKT - 1	IntraState	28/04/2022	05:59			PO	TREE TRIMMING
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
220/33 KV 50 MVA 1 PTR @ SHIRSUPHAL	IntraState	27/04/2022	09:51	27/04/2022	16:03	PO	PRE MONSOON MAINTENANCE WORK
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