

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Apr/2022 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	166.316	4820.817	1) Gujrat	-2.732	-111.368
2) Hydro	30.484	845.640	2) Madhya Pradesh	8.105	262.372
3) Gas	5.331	186.535	3) Chattisgarh	3.990	132.880
Total MSPGCL	202.131	5852.992	4) Maharashtra	193.882	5159.905
B) 1) APLM	75.993	2009.370	5) Goa (Amona)	-1.405	-45.208
2) JSWEL	22.348	588.683	Total	201.840	5398.581
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.830	872.565
4) RPL(AMT)	25.768	895.567	b) Mumbai Drawl	41.495	983.832
5) SWPGPL	7.557	236.357	c) MSEDCL Bilateral *	72.246	2085.017
6) Other IPP	26.510	934.987	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.835	868.668
C) 1) TPCL Thermal	15.791	459.943	Include PX	0.000	0.858
2) TPCL Hydro	5.283	121.885	Standby	0.995	3.898
3) TPCL Gas	2.778	90.597	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.720	336.570	1) MSEDCL	539.808	15326.139
D) STATE			2) Mumbai Discoms	77.067	1992.834
1) Thermal	352.003	10282.294	3) Other Discoms	9.403	263.380
(A1+C1+C4+(B1-B6))			TOTAL STATE	626.278	17582.353
2) Hydro (A2+C2)	35.767	967.525			
3) Gas (A3+B7+C3)	8.109	277.132			
4) Wind	18.744	405.442			
6) SOLAR	9.815	251.372			
TOTAL STATE	424.438	12183.765			

* 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 8 Hrs
MSPGCL Thermal	7081	6908	6889	6973
MSPGCL Hydro	414	1492	1516	982
MSPGCL Gas	206	247	277	195
MSPGCL Total Generation	7700	8648	8682	8150
Central Sector Receipt	9785	9568	7690	7721
WIND	628	713	712	594
CPP / IPP Thermal	6546	6646	6637	6541
CPP / IPP Gas	0	0	0	0
SOLAR	1312	847	0	330
Exchange with Mumbai	-2182	-2271	-1631	-1386
MSEDCL DEMAND MET	23362	23743	21659	21530
Load Shedding	0	0	0	0
MSEDCL DEMAND	23362	23743	21659	21530
TPCL GENERATION	1025	1062	1130	811
AEML GENERATION	477	487	492	489
MUMBAI DEMAND	3684	3820	3253	2686
OTHER DISCOM DEMAND	427	407	432	421
STATE DEMAND MET	27474	27970	25344	24636
STATE DEMAND	27474	27970	25344	24636
Frequency (Hz)	49.89	49.90	49.90	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.23 Hz at 18.02 Hrs	49.57 Hz at 00.11 Hrs	49.91	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 29/Apr/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.70	119.46	205	185
Unit 7	0.00	0.00	0	0
Unit 8	12.77	387.49	607	355
Unit 9	13.70	395.85	584	545
Unit 10	13.52	176.54	602	520
Total	44.68	1079.35		
Bhusawal				
Unit 3	3.19	75.62	145	115
Unit 4	8.04	263.30	430	280
Unit 5	7.92	265.84	395	280
Total	19.15	604.75		
Parli				
Unit 6	0.00	120.03	0	0
Unit 7	5.23	131.68	227	191
Unit 8	3.28	96.64	157	124
Total	8.51	348.35		
Chandrapur				
Unit 3	4.14	121.28	177	171
Unit 4	3.70	109.42	160	150
Unit 5	8.95	240.18	380	360
Unit 6	0.07	215.35	66	0
Unit 7	9.80	260.21	425	341
Unit 8	10.81	304.96	462	436
Unit 9	9.77	293.84	431	379
Total	47.22	1545.23		
Paras				
Unit 3	4.92	152.15	224	178
Unit 4	4.87	145.03	227	160
Total	9.80	297.18		
Khaparkheda				
Unit 1	3.30	90.09	160	105
Unit 2	3.76	95.84	165	150
Unit 3	4.29	112.07	185	165
Unit 4	3.38	97.70	152	127
Unit 5	10.90	315.56	490	420
Total	25.64	711.26		
Nasik				
Unit 3	4.14	113.06	182	137
Unit 4	3.71	72.78	170	131
Unit 5	3.46	48.85	163	122
Total	11.31	234.70		
Uran				
All Units	5.33	186.54	277	187
Total	5.33	186.54		
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)	0.20	3.69	24	0
Total	0.20	3.69		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	7.08	182.56	520	40
Stage 4	11.78	320.57	1004	0
Stage 3	3.97	108.87	320	0
Total	22.84	611.99		
Hydro				
KDPH	0.37	21.86	16	16
VTRNA	0.87	23.14	60	0
TILLARI	0.61	14.21	58	0
BHIRA T.R.	0.36	5.68	80	0
SMLHY_PTN	4.92	157.72	228	192
GHATGHAR	0.30	7.35	125	0
Total	7.44	229.96		
Wind				
Total	18.74	405.44	0	0
Total	18.74	405.44		
CPP				
APML(Mus)	75.99	2009.37	0	0
JSWEL(Mus)	22.35	588.68	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.77	895.57	0	0
SWPGPL-Mus	7.56	236.36	0	0
Other(Mus)	26.51	934.99	0	0
Total	158.18	4664.96		
SOLAR				
Total	9.82	251.37	0	0
Total	9.82	251.37		
Tata				
Trombay 5	10.22	305.31	440	402
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.59	54.19	93	49
Trombay 7B	1.19	36.41	59	41
TATA Hydro	5.28	121.88	385	46
Trombay 8	5.57	154.63	239	228
Total	23.85	672.42		
AEMIL				
DTPS U-1&2	11.72	336.57	499	438
Total	11.72	336.57		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	166.32	4820.82	MSPGCL Total	202.13	5852.99
			MSPGCL Thml+Gas	171.65	5007.35	Koyna 1,2 & 4 Total	18.86	503.12
			MSPGCL Hydro	30.48	845.64	State Total	424.44	12183.76

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 29/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	7064	1836	193	9092	972	6606	0	0	7918	8341	-1740	22945	0	22945	3218	327	26490	49.82
2	7070	1910	194	9174	1009	6616	0	0	7876	7760	-1584	22652	0	22652	3005	323	25980	49.84
3	6955	1938	203	9096	948	6624	0	0	7500	7691	-1413	22650	0	22650	2815	297	25762	49.76
4	6732	2020	192	8944	881	6589	0	0	7461	7607	-1351	22367	0	22367	2678	303	25348	49.90
5	6751	2176	193	9120	975	6598	0	0	7389	7711	-1301	22810	0	22810	2598	292	25700	49.95
6	6969	1788	193	8950	958	6608	0	0	7410	7783	-1289	22661	0	22661	2644	350	25654	49.82
7	6964	1096	193	8254	862	6557	0	50	7448	8362	-1301	22380	0	22380	2612	404	25396	49.92
8	6973	982	195	8150	594	6541	0	330	7565	7721	-1386	21530	0	21530	2686	421	24636	49.99
9	6851	428	206	7486	517	6368	0	657	8088	8489	-1666	21403	0	21403	2974	448	24824	49.98
10	6907	700	195	7802	569	6401	0	975	8736	8920	-1890	22346	0	22346	3307	431	26084	49.88
11	7045	542	187	7774	566	6513	0	1214	9562	9484	-2113	23005	0	23005	3565	433	27002	49.98
12	7081	414	206	7700	628	6546	0	1312	9731	9785	-2182	23362	0	23362	3684	427	27474	49.89
13	7029	414	187	7630	711	6535	0	1348	9646	9857	-2178	23487	0	23487	3703	416	27606	49.95
14	6985	392	226	7604	699	6561	0	1289	9680	9871	-2130	23485	0	23485	3607	408	27500	50.00
15	6959	780	257	7996	683	6567	0	1075	9815	9957	-2247	23630	0	23630	3758	401	27788	49.87
16	6908	1492	247	8648	713	6646	0	847	9430	9568	-2271	23743	0	23743	3820	407	27970	49.90
17	6911	1590	267	8768	740	6647	0	495	8697	8558	-2041	22750	0	22750	3693	417	26860	49.86
18	6902	974	246	8122	709	6685	0	200	7951	8202	-1812	21663	0	21663	3467	442	25572	49.99
19	6911	864	247	8022	694	6653	0	23	6995	7576	-1636	20895	0	20895	3262	437	24594	50.01
20	6889	1516	277	8682	712	6637	0	0	7122	7690	-1631	21659	0	21659	3253	432	25344	49.90
21	6806	1646	256	8708	735	6649	0	0	7260	7559	-1588	21636	0	21636	3203	427	25266	49.94
22	6876	1374	247	8498	840	6663	0	0	7331	7410	-1544	21458	0	21458	3145	409	25012	49.92
23	6915	1588	267	8770	960	6672	0	0	7678	8039	-1580	22478	0	22478	3158	384	26020	49.81
24	6863	2022	257	9142	1069	6694	0	0	7742	7899	-1621	22813	0	22813	3212	369	26394	49.93
MUs	166.32	30.48	5.33	202.13	18.74	158.18	0.00	9.81	196.03	201.84	-41.49	539.81	0.00	539.81	77.07	9.40	626.28	49.91

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 29/Apr/2022

Position as on 6.30 Hrs of 30/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 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	
IPP	SWPGPL U-2	135	26/04/2022	21:24	29/04/2022	12:04	ID Fan Vibration High	
MSPGCL	Uran Unit A0	120	27/04/2022	22:22	29/04/2022	13:12	DUE TO CARD FAULT	
MSPGCL	Parli Unit 6	250	28/04/2022	05:35		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-3	270	28/04/2022	16:15		Continued.	BOTTOM ASH EVACUATION PROBLEM.	
MSPGCL	Chandrapur Unit 6	500	29/04/2022	00:15		Continued.	Boiler Tube Leakage	
MSPGCL	Koyna STG-IV Unit-1	250	29/04/2022	05:36	29/04/2022	07:10	TRIPPED DUE TO NUMERICAL PROTECTION OPERATED	29/04/2022
MSPGCL	Koyna STG-IV Unit-2	250	29/04/2022	05:36	29/04/2022	10:10	TRIPPED DUE TO NUMERICAL PROTECTION OPERATED	
MSPGCL	Koyna STG-IV Unit-4	250	29/04/2022	05:36	29/04/2022	09:35	TRIPPED DUE TO NUMERICAL PROTECTION OPERATED	
MSPGCL	Koyna STG-IV Unit-3	250	29/04/2022	05:36	29/04/2022	09:10	TRIPPED DUE TO NUMERICAL PROTECTION OPERATED	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 29/Apr/2022

Statement-VII

Position as on 6.30 Hrs of 30/Apr/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/Trippings							
TIE BAY - 402 OF BUS REACTOR @ ALKUD	IntraState	29/04/2022	15:25			EO	For breaker replacement work
400 KV MAINBAY Outages/Trippings							
400/6.9KV 63MVA STN T/F 3	InterState	29/04/2022	05:23	29/04/2022	19:58	EO	Station Transformer-3 Bay Control Unit (BCU) replacement and testing work. Bay Control Unit (BCU) relay status and parameters not updating in SCADA and HMI. The suspected faulty BCU to be changed on immediately.
400 KV LINE Outages/Trippings							
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	20/04/2022	11:23	29/04/2022	16:40	HT	HT for Load Management
TBC @ CHAKAN	IntraState	27/04/2022	13:16			EO	Replacement of R, Y and B phases of 89C PG isolators of 400 KV TBC is to be done as their operating mechanisms are mechanically jammed and are difficult to dislodge.
DEEPNAGAR - AURANGABAD (WALUJ)	IntraState	28/04/2022	21:34			T	TRIPPED ON DIST PROTECTION
BABHALESHWAR - PADGHE CKT - 2	IntraState	29/04/2022	05:07	29/04/2022	08:13	EO	"To attend Hot-Spot at jumpers of Cut-point Towers. Loc. No. 857. under 500kV HVDC TL O&M Sub Division, Padghe. To attend Hot-Spot at jumpers of Cut-point Towers. Loc. No. 734; 813 under 500kV HVDC TL O&M Sub Division, Junner. In the Thermovision scanning, the Hot-spot at location no. 857; 734 & 813 are identified. At Loc 857, Y- phase, BBLR side temp recorded is 145.4 C; at Loc 734, Y - phase, BBLR side temp recorded is 84.4 C; at Loc 813, R- phase, BBLR side temp recorded is 80.1 C."
PARLI - KUMBHARGAON (NANDED) CKT - 1	IntraState	29/04/2022	14:12	29/04/2022	18:44	EO	Hotspot of 393 Deg C is observed at Y phase Ct of 400kV Nanded Circuit-1 at Girwali
CHANDRAPUR 2 - WARORA CKT-2	IntraState	29/04/2022	15:06	29/04/2022	17:26	T	DP
400 KV BR Outages/Trippings							
400KV 125MVAR BUS REACTOR @ CHANDRAPUR 2	InterState	29/04/2022	12:27	29/04/2022	14:58	EO	For Change the tempreture Settings of WTI & OTI of 125 MVAR, 400 KV Bus Reactor
80 MVAR Bus reactor @ Talandge	IntraState	24/04/2022	18:45			T	Differential Trip
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.
WAGHIVALI - DHARAVI 7	IntraState	29/04/2022	06:14	29/04/2022	08:30	PO	TREE TRIMMING
KALWA - AIROLI KNOWLEDGE PARK	IntraState	29/04/2022	12:14	29/04/2022	14:58	PO	Wave trap bottom jumper cutting & fixing work which was observed deteriorated during visual inspection.
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.

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 29/Apr/2022

Statement-VII

Position as on 6.30 Hrs of 30/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 @ 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 Differential 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	29/04/2022	08:06	29/04/2022	08:10	EO	Bird Nest removing at 22 KV Bus section-II Isolator gantry
220/110 KV 200 MVA ICT 2 @ MUDSHINGI	IntraState	29/04/2022	10:00	29/04/2022	18:02	PO	For 1)Transformer diagnostic testing work 2) Premansoon maintenance of ICT
220/132KV 100MVA ICT -1 @ LONI DEOKAR	IntraState	29/04/2022	14:00	29/04/2022	16:50	PO	TESTING & PRE MONSOON WORK
220/132 KV 150 MVA ICT 1 @ SATANA	IntraState	29/04/2022	14:14	29/04/2022	20:30	EO	Required To Attend Red Hot On 220 / 132 KV 150 MVA ICT No 02 LV Side , On 132 KV Bus To Isolator Y PH Isolator Side Clamp by Hot Line Method
220/132KV 100MVA ICT -2 @ LONI DEOKAR	IntraState	29/04/2022	16:52	29/04/2022	18:33	PO	TESTING & PRE MONSOON MAINTENANCE WORK.
220/22 KV 50 MVA PTR 2 @ KALWA	IntraState	29/04/2022	17:14	29/04/2022	18:37	EO	Bird nest removal.
110 KV LINE Outages/Trippings							
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.
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.
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