

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Feb/2022 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	157.337	1488.834	1) Gujrat	-5.989	-86.000
2) Hydro	9.181	131.515	2) Madhya Pradesh	4.673	59.854
3) Gas	7.092	70.998	3) Chattisgarh	7.450	66.620
Total MSPGCL	173.610	1691.347	4) Maharashtra	140.335	1397.830
B) 1) APLM	69.181	689.063	5) Goa (Amona)	-1.491	-15.415
2) JSWEL	15.138	144.316	Total	144.978	1422.889
3) VIPL	0.000	0.000	a) Mumbai Schedule	16.848	176.117
4) RPL(AMT)	26.180	276.018	b) Mumbai Drawl	20.157	207.712
5) SWPGPL	8.049	80.643	c) MSEDCL Bilateral *	70.576	674.379
6) Other IPP	40.917	399.583	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	16.848	175.897
C) 1) TPCL Thermal	10.467	89.202	Include PX	0.000	0.000
2) TPCL Hydro	3.004	37.771	Standby	0.000	0.220
3) TPCL Gas	4.340	33.090	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.080	100.106	1) MSEDCL	471.162	4589.869
D) STATE			2) Mumbai Discoms	48.050	467.882
1) Thermal	337.349	3267.765	3) Other Discoms	8.421	97.535
(A1+C1+C4+(B1-B6))			TOTAL STATE	527.633	5155.286
2) Hydro	12.185	169.286			
(A2+C2)					
3) Gas	11.432	104.088			
(A3+B7+C3)					
4) Wind	13.526	105.153			
6) SOLAR	8.161	86.104			
TOTAL STATE	382.653	3732.396			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	6984	6851	6974	5970
MSPGCL Hydro	471	554	371	281
MSPGCL Gas	299	275	287	291
MSPGCL Total Generation	7754	7680	7632	6542
Central Sector Receipt	7694	7488	5288	4753
WIND	795	272	228	917
CPP / IPP Thermal	6971	6829	7147	5619
CPP / IPP Gas	0	0	0	0
SOLAR	1028	1229	2	0
Exchange with Mumbai	-1134	-1151	-903	-824
MSEDCL DEMAND MET	22859	22113	19140	16756
Load Shedding	0	0	0	0
MSEDCL DEMAND	22859	22113	19140	16756
TPCL GENERATION	855	846	935	571
AEML GENERATION	492	453	498	319
MUMBAI DEMAND	2481	2450	2336	1714
OTHER DISCOM DEMAND	379	364	386	331
STATE DEMAND MET	25719	24927	21862	18801
STATE DEMAND	25719	24927	21862	18801
Frequency (Hz)	50.00	50.00	49.97	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.22 Hz at 17.03 Hrs	49.79 Hz at 15.54 Hrs	50.01	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 10/Feb/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.66	35.44	175	115
Unit 7	0.00	0.00	0	0
Unit 8	13.84	138.46	603	482
Unit 9	13.45	132.56	570	538
Unit 10	12.47	125.44	540	495
Total	43.43	431.90		
Bhusawal				
Unit 3	3.11	32.00	145	115
Unit 4	0.00	0.00	0	0
Unit 5	8.99	94.98	440	280
Total	12.10	126.98		
Parli				
Unit 6	3.93	39.63	188	143
Unit 7	3.88	39.54	194	144
Unit 8	3.87	37.48	183	140
Total	11.68	116.64		
Chandrapur				
Unit 3	3.67	10.64	181	116
Unit 4	3.37	4.03	155	120
Unit 5	8.29	80.61	395	290
Unit 6	7.59	77.51	335	268
Unit 7	8.62	81.07	420	282
Unit 8	10.75	103.23	460	380
Unit 9	9.98	100.53	435	355
Total	52.27	457.62		
Paras				
Unit 3	4.56	45.37	250	142
Unit 4	4.30	43.42	228	138
Total	8.86	88.79		
Khaparkheda				
Unit 1	3.16	32.14	150	120
Unit 2	2.11	2.11	135	0
Unit 3	3.68	38.03	178	127
Unit 4	3.59	29.40	175	126
Unit 5	9.94	105.44	450	310
Total	22.47	207.13		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.32	32.93	170	117
Unit 5	3.21	26.84	168	119
Total	6.52	59.77		
Uran				
All Units	7.09	71.00	313	275
Total	7.09	71.00		
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)	0.38	1.71	37	0
Total	0.38	1.71		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.82	24.34	365	35
Stage 4	0.00	22.95	0	0
Stage 3	0.26	10.30	80	0
Total	2.08	57.59		
Hydro				
KDPH	0.86	6.46	36	36
VTRNA	0.75	7.37	60	0
TILLARI	0.52	5.16	58	0
BHIRA T.R.	0.20	2.18	80	0
SMLHY_PTN	4.77	47.71	210	188
GHATGHAR	0.00	5.04	0	0
Total	7.10	73.93		
Wind				
Total	13.53	105.15	0	0
Total	13.53	105.15		
CPP				
APML(Mus)	69.18	689.06	0	0
JSWEL(Mus)	15.14	144.32	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	26.18	276.02	0	0
SWPGPL-Mus	8.05	80.64	0	0
Other(Mus)	40.92	399.58	0	0
Total	159.46	1589.62		
SOLAR				
Total	8.16	86.10	0	0
Total	8.16	86.10		
Tata				
Trombay 5	6.77	52.33	376	255
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.74	19.85	118	113
Trombay 7B	1.60	13.24	67	66
TATA Hydro	3.00	37.77	350	0
Trombay 8	3.70	36.87	222	130
Total	17.81	160.06		
AEMIL				
DTPS U-1&2	10.08	100.11	499	298
Total	10.08	100.11		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	157.34	1488.83	MSPGCL Total	173.61	1691.35
			MSPGCL Thml+Gas	164.43	1559.83	Koyna 1,2 & 4 Total	1.82	47.29
			MSPGCL Hydro	9.18	131.52	State Total	382.65	3732.40

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 10/Feb/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	5971	259	312	6542	500	5967	0	0	5423	5289	-649	17329	0	17329	1551	320	19200	50.01
2	5861	266	292	6419	679	5977	0	0	5519	5405	-556	17624	0	17624	1442	300	19366	50.01
3	6012	260	313	6585	824	6095	0	0	5429	5116	-495	17847	0	17847	1376	278	19501	50.03
4	5944	274	293	6511	927	5816	0	0	5369	5241	-468	17756	0	17756	1338	271	19365	50.05
5	6052	266	303	6621	886	5984	0	0	5396	5673	-484	18379	0	18379	1354	301	20034	50.08
6	6317	273	313	6903	834	6433	0	0	5527	5467	-547	18772	0	18772	1456	318	20546	50.02
7	6649	272	303	7224	959	6907	0	1	5708	5472	-548	19667	0	19667	1628	348	21643	50.01
8	6957	449	303	7709	1017	7098	0	83	5657	5817	-510	20851	0	20851	1855	363	23069	50.01
9	6995	617	303	7915	831	7085	0	390	6238	6427	-708	21569	0	21569	2122	371	24062	50.05
10	6979	400	300	7679	866	7137	0	762	7032	7228	-901	22394	0	22394	2350	377	25121	50.02
11	6984	471	299	7754	795	7101	0	1028	7911	7694	-1134	22859	0	22859	2481	379	25719	50.00
12	7031	504	297	7832	493	7024	0	1176	7985	7816	-1231	22731	0	22731	2494	379	25604	50.03
13	6851	554	275	7680	272	6959	0	1229	7600	7488	-1151	22113	0	22113	2450	364	24927	50.00
14	6713	469	284	7466	156	6955	0	1105	7127	7313	-1046	21592	0	21592	2323	357	24272	50.01
15	6612	410	283	7305	111	6879	0	1004	7510	7807	-1033	21713	0	21713	2331	360	24404	50.01
16	6874	395	284	7553	88	6949	0	781	7616	7463	-1170	21287	0	21287	2317	377	23981	49.96
17	7056	390	276	7722	70	6988	0	459	6954	6555	-1077	20335	0	20335	2318	382	23035	50.02
18	6961	377	286	7624	85	7016	0	141	5951	5416	-931	18964	0	18964	2317	387	21668	50.05
19	6974	371	287	7632	228	7279	0	2	5601	5288	-903	19140	0	19140	2336	386	21862	49.97
20	6983	406	297	7686	415	7241	0	0	5600	4962	-855	19070	0	19070	2353	379	21802	49.94
21	6675	345	298	7318	435	7072	0	0	5029	4724	-973	18204	0	18204	2212	372	20788	49.98
22	6110	392	290	6792	496	6034	0	0	5413	5261	-1005	17217	0	17217	2050	361	19628	50.00
23	5806	480	310	6596	642	5770	0	0	5421	5303	-958	16995	0	16995	1880	358	19233	50.01
24	5970	281	291	6542	917	5699	0	0	5309	4753	-824	16756	0	16756	1714	331	18801	50.00
MUs	157.34	9.18	7.09	173.61	13.53	159.46	0.00	8.16	148.32	144.98	-20.16	471.16	0.00	471.16	48.05	8.42	527.63	50.01

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 10/Feb/2022

Position as on 6.30 Hrs of 11/Feb/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Khaparkheda Unit 2	210	09/12/2021	01:49	10/02/2022	03:55	CHP coal feeding problem(Converted to Annual Overhaul 00:00Hrs Dt. 18.12.2021)	
MSPGCL	Koyna Unit 5	80	20/12/2021	08:40		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 4	500	13/01/2022	00:00		Continued.	Annual Overhaul	
MSPGCL	Nasik Unit 3	210	26/01/2022	20:26		Continued.	Annual Overhaul	
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)	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
IPP	JSW (J) U1	300	02/09/2021	08.41		Continued.	Turbine vibrations high.	
MSPGCL	Ghatghar Unit-1	125	10/11/2021	23:55		Continued.	Static frequency controller disconnecting switch short circuit problem	10/03/2022
IPP	JSW (J) U3	300	15/01/2022	07:46		Continued.	non availability of load schedule.	
MSPGCL	Uran Unit 5	108	03/02/2022	16:54		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 10/Feb/2022

Statement-VII

Position as on 6.30 Hrs of 11/Feb/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/Tripping							
POLE-1 BASE AC FILTER Z1-Z2(200MVAR) @ CHANDRAPUR HVDC	IntraState	09/02/2022	22:36	10/02/2022	03:25	EO	for urgent attending hotspot of temprature 240 deg and hotspot having temprature in between 100 -150 deg.
400 KV TIEBAY Outages/Tripping							
TIE BAY (412) OF BABHALESHWAR CKT - 1 @ EKTUNI	IntraState	10/02/2022	11:00	10/02/2022	17:01	PO	"Daignostic Testing & Routine Maintenance"
400 KV MAINBAY Outages/Tripping							
MAIN BAY - 404 CHD SWITCHING CKT2 @ CHANDRAPUR 2	IntraState	11/02/2022	08:57			PO	Daignostic testing and allied bay maintenance work
400 KV LR Outages/Tripping							
400KV KORADI-BHUSAWAL (Koradi end)	IntraState	11/02/2022	10:10			PO	Bus-1 Y ph PG isolator hotspot attending work and CB Y ph pole hotspot attending work by maintenance unit koradi.
400 KV LINE Outages/Tripping							
DHULE - SSNNL CKT - 2	InterState	10/02/2022	12:49	10/02/2022	17:55	PO	Replacement of damaged earthwire, replacement of PID suspicious disc insulator strings and other routine maintenance work.400kV SSNNL Ckt-1 A/R switch will be kept on non auto mode.
PARLI(MS) - PARLI (PG) CKT -2	InterState	10/02/2022	14:52	10/02/2022	18:24	HT	Hotspot in Line Isolator at Parli PG end
DHULE - SSNNL CKT - 1	InterState	11/02/2022	08:28			PO	Replacement of damaged earthwire, replacement of PID suspicious disc insulator strings and other routine maintenance work.400kV SSNNL Ckt-2 A/R switch will be kept on non auto mode.
THAPTI TANDA - WALUJ	IntraState	01/02/2022	13:01			PO	TOWER HEIGHT RAISING FOR MUMBAI -NAGPUR SAMRUDDHI HIGHWAY CROSSING . DISMANTLING OF LOC 155(DA+0) AND 156(DA+0) .ERECTION OF NEW TOWERS AT LOC 155(DD+9) AND LOC 156(DD+9) RESTRINGING FROM LOC 155 TO 156.
DEEPNAGAR - THAPTI TANDA	IntraState	01/02/2022	13:11			PO	TOWER HEIGHT RAISING FOR MUMBAI -NAGPUR SAMRUDDHI HIGHWAY CROSSING . DISMANTLING OF LOC 155(DA+0) AND 156(DA+0) .ERECTION OF NEW TOWERS AT LOC 155(DD+9) AND LOC 156(DD+9) RESTRINGING FROM LOC 155 TO 156.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	04/02/2022	14:43			HT	H/T TO CONTROL 400KV TALEGAON PG -CHAKAN LINE LOADING.
PADGHE - NAGOTHANE CKT - 2	IntraState	10/02/2022	11:06			EO	Attending problem of R & Y ph A bus PG isolator . Yph A bus PG isolator Rotary found broken , hence Hot line work for opening of Isolator .
PADGHE - NAGOTHANE CKT - 2	IntraState	10/02/2022	11:06	10/02/2022	17:32	HT	Isolator Problem at Padghe end
PARLI-SOLAPUR (LAMBOTI)	IntraState	10/02/2022	14:12	10/02/2022	18:07	PO	Hardware Tightening & Fitting work

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Feb/2022

Statement-VII

Position as on 6.30 Hrs of 11/Feb/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
DEEPNAGAR - AURANGABAD (WALUJ)	IntraState	11/02/2022	09:14			PO	Routine Maintenance work
400 KV ICT Outages/Trippings							
400/11kV STN-4B @ DEEPNAGAR	IntraState	03/02/2022	12:57			PO	Oil Filtration and other allied works of STN - 4B at 2 x 500MW , BTPS, Deepnagar, MSPGCL
400/220/33 KV 500MVA ICT - 1 @ KORADI 2	IntraState	10/02/2022	09:18	10/02/2022	19:21	PO	33kV BPI excavation work associated with rapid restoration scheme near 33KV Side of ICT1.
400/220KV 105 MVA SPARE ICT @ KARAD	IntraState	10/02/2022	09:56	10/02/2022	15:28	PO	For REF & Backup Relay Testing
400/220/33KV 315MVA ICT - 3 @ LONIKAND	IntraState	10/02/2022	12:08	10/02/2022	21:08	PO	Half yearly DT & Maintenance
400/220/33 KV 500MVA ICT - 2 @ KORADI 2	IntraState	11/02/2022	09:42			PO	33kV BPI excavation work associated with rapid restoration scheme near 33KV side of ICT2
400 KV BR Outages/Trippings							
BUS REACTOR AT 400 KV KORADI S/S	IntraState	10/02/2022	10:39	10/02/2022	18:34	PO	retrofitting of bus reactor trip Relay under MTAMC project
400KV 125MVAR BUS REACTOR @ KARAD	IntraState	11/02/2022	09:36				For Bushing and Winding Tan Delta
220 KV LINE Outages/Trippings							
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	cABLE FAULT
GHODBUNDER - MSETCL BOISAR	IntraState	04/02/2022	13:40			T	TRIPPED ON DIST.PROTN.
KARAD - VITA CKT- 1	IntraState	07/02/2022	08:36			PO	For tower erection of Loc.no.23-24 and stringing work between Loc.no.22-23-24-25 in respect of modification of EHV lines crossing Pune � Miraj Railway electrification work
KARAD - VITA CKT- 2	IntraState	07/02/2022	08:40			PO	For tower erection of Loc.no.23-24 and stringing work between Loc.no.22-23-24-25 in respect of modification of EHV lines crossing Pune � Miraj Railway electrification work
TAMBATI - ADLABS	IntraState	08/02/2022	10:32			PO	CB Pole overhauling work by agency and attending B ph CT oil leakage at 220KV Tambati substation end and attending Y ph CT oil leakage at 220KV Adlab substation
HINJAWADI I- CHINCHWAD	IntraState	10/02/2022	11:44	10/02/2022	21:18	PO	220KV Bus post insulator replacement work
BHOSARI- BHOSARI 2	IntraState	10/02/2022	11:57	10/02/2022	20:11	PO	Due to high Tan delta values of CT replacement work as per LE Scheme
TATA BORIVLI MSETCL BORIVLI - 4	IntraState	10/02/2022	12:07	10/02/2022	19:10	PO	UNLOADING 220 KV GIS BAYS IN VICINITY
PADGHE - PAL DOMBIVALI	IntraState	11/02/2022	08:05			PO	Erection of new 220kV D/C tower of type 60+ 6 (1 no) between existing Loc No. 44 and related stringing work for cut point formation.
PADGHE - JAMBHUL 1	IntraState	11/02/2022	08:10			PO	Erection of new 220kV D/C tower of type 60+ 6 (1 no) between existing Loc No. 44 and related stringing work for cut point formation.

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/Feb/2022

Statement-VII

Position as on 6.30 Hrs of 11/Feb/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
URAN - ONGC URAN	IntraState	11/02/2022	10:15			PO	"1. Relay testing work at ONGC end 2. bay maintenance work At Uran End."
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.
220/132KV 100 MVA ICT NO 2 @ MAGARPATTA	IntraState	01/12/2021	14:32			PO	Replacement of existing 100 MVA ICT 02 by new 200 MVA ICT 02
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
220/132-110KV 200MVA ICT 2 @ MIRAJ	IntraState	28/01/2022	12:10			PO	Dismantling of bus post insulator jump of 220kV Main bus by hot line unit for erection of new bus post isolator
220/22 KV 50 MVA PTR 3 @ MAHAPE	IntraState	10/02/2022	09:39	10/02/2022	16:22	PO	HV Breaker mechanism overhauling of Areva Make GL 314 work by agency.
220/100 KV 100 MVA ICT 1 @ VASAI-II	IntraState	10/02/2022	10:11	10/02/2022	19:54	PO	For Attending oil leakage by Goodwill agency and commissioning of REC670 relay by testing unit.
220/33 KV 50 MVA 1 PTR @ SHIRSUPHAL	IntraState	10/02/2022	10:35	10/02/2022	14:01	PO	DIAGNOSTIC TESTING WORK
220/33 KV 50 MVA 2 PTR @ SHIRSUPHAL	IntraState	10/02/2022	14:50	10/02/2022	17:16	PO	DIAGNOSTIC TESTING WORK
220/22 KV 50 MVA PTR 2 @ PADGHE	IntraState	11/02/2022	09:58			PO	1. Retrofitting of REF relay for MTAMC work 2. Diagnostic testing work 3. Anticorrosive Painting work

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