

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Feb/2022 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	164.926	2285.954	1) Gujrat	-8.513	-127.458
2) Hydro	17.621	209.024	2) Madhya Pradesh	4.870	81.077
3) Gas	10.345	110.117	3) Chattisgarh	7.100	103.010
Total MSPGCL	192.892	2605.095	4) Maharashtra	145.969	2105.006
B) 1) APLM	57.807	1009.444	5) Goa (Amona)	-1.091	-21.206
2) JSWEL	14.361	213.960	Total	148.335	2140.429
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.259	282.682
4) RPL(AMT)	30.400	423.542	b) Mumbai Drawl	24.279	325.577
5) SWPGPL	8.727	122.835	c) MSEDCL Bilateral *	72.097	1018.340
6) Other IPP	41.177	604.901	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.259	282.462
C) 1) TPCL Thermal	10.051	140.356	Include PX	0.000	0.000
2) TPCL Hydro	4.324	53.466	Standby	0.000	0.220
3) TPCL Gas	4.205	52.790	H) ENERGY CATERED (MUs)		
4) AEML Thermal	6.786	134.445	1) MSEDCL	477.616	6951.828
D) STATE			2) Mumbai Discoms	49.645	706.636
1) Thermal	334.235	4935.437	3) Other Discoms	8.303	123.942
(A1+C1+C4+(B1-B6))			TOTAL STATE	535.564	7782.406
2) Hydro (A2+C2)	21.945	262.490			
3) Gas (A3+B7+C3)	14.550	162.907			
4) Wind	8.144	151.835			
6) SOLAR	8.355	129.306			
TOTAL STATE	387.229	5641.975			

* 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 20 Hrs	D. Night Minimum at 1 Hrs
MSPGCL Thermal	7138	7113	7169	6250
MSPGCL Hydro	1310	803	663	321
MSPGCL Gas	450	426	432	423
MSPGCL Total Generation	8898	8342	8264	6994
Central Sector Receipt	8026	7602	5436	5255
WIND	186	108	430	571
CPP / IPP Thermal	6381	6483	6428	5650
CPP / IPP Gas	0	0	0	0
SOLAR	1098	1220	0	0
Exchange with Mumbai	-1378	-1405	-966	-800
MSEDCL DEMAND MET	22945	22109	19348	17457
Load Shedding	0	0	0	0
MSEDCL DEMAND	22945	22109	19348	17457
TPCL GENERATION	920	844	1105	575
AEML GENERATION	283	284	283	282
MUMBAI DEMAND	2581	2533	2354	1657
OTHER DISCOM DEMAND	394	369	375	308
STATE DEMAND MET	25920	25011	22077	19422
STATE DEMAND	25920	25011	22077	19422
Frequency (Hz)	49.95	49.97	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.18 Hz at 16.04 Hrs	49.73 Hz at 14.51 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 15/Feb/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.08	54.49	180	140
Unit 7	0.00	0.00	0	0
Unit 8	13.66	207.98	606	506
Unit 9	13.84	199.14	608	535
Unit 10	12.28	188.85	521	490
Total	43.85	650.47		
Bhusawal				
Unit 3	3.28	48.45	165	120
Unit 4	1.65	1.65	290	0
Unit 5	10.76	147.44	475	410
Total	15.70	197.54		
Parli				
Unit 6	4.18	59.28	186	150
Unit 7	4.03	59.24	187	144
Unit 8	3.92	56.85	180	142
Total	12.13	175.36		
Chandrapur				
Unit 3	4.11	29.47	188	120
Unit 4	3.80	22.01	180	126
Unit 5	7.42	117.96	340	280
Unit 6	6.99	113.46	305	268
Unit 7	8.37	121.21	394	294
Unit 8	11.00	155.34	466	450
Unit 9	9.39	150.03	423	344
Total	51.08	709.49		
Paras				
Unit 3	5.24	69.84	252	141
Unit 4	5.14	66.32	246	144
Total	10.38	136.16		
Khaparkheda				
Unit 1	3.04	46.92	155	90
Unit 2	3.31	17.56	160	115
Unit 3	3.80	55.60	190	129
Unit 4	3.62	46.21	175	124
Unit 5	10.56	155.89	470	401
Total	24.32	322.19		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.85	50.78	191	120
Unit 5	3.63	43.98	185	116
Total	7.48	94.76		
Uran				
All Units	10.34	110.12	461	415
Total	10.34	110.12		
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)	0.35	3.34	26	0
Total	0.35	3.34		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.96	37.74	460	35
Stage 4	4.42	36.62	989	0
Stage 3	1.62	16.38	240	0
Total	9.00	90.73		
Hydro				
KDPH	0.43	10.16	18	18
VTRNA	0.72	10.88	60	0
TILLARI	0.00	6.73	0	0
BHIRA T.R.	0.24	2.94	80	0
SMLHY_PTN	6.26	79.01	271	254
GHATGHAR	0.96	8.57	250	0
Total	8.62	118.29		
Wind				
Total	8.14	151.84	0	0
Total	8.14	151.84		
CPP				
APML(Mus)	57.81	1009.44	0	0
JSWEL(Mus)	14.36	213.96	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	30.40	423.54	0	0
SWPGPL-Mus	8.73	122.84	0	0
Other(Mus)	41.18	604.90	0	0
Total	152.47	2374.68		
SOLAR				
Total	8.36	129.31	0	0
Total	8.36	129.31		
Tata				
Trombay 5	6.56	85.72	342	254
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.64	32.01	117	76
Trombay 7B	1.57	20.78	67	55
TATA Hydro	4.32	53.47	380	0
Trombay 8	3.49	54.64	206	133
Total	18.58	246.61		
AEMIL				
DTPS U-1&2	6.79	134.44	284	281
Total	6.79	134.44		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	164.93	2285.95	MSPGCL Total	192.89	2605.10
			MSPGCL Thml+Gas	175.27	2396.07	Koyna 1,2 & 4 Total	7.38	74.35
			MSPGCL Hydro	17.62	209.02	State Total	387.23	5641.98

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 15/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	6250	321	423	6994	571	5745	0	0	5513	5255	-800	17457	0	17457	1657	308	19422	50.00
2	6229	313	415	6957	431	5866	0	0	5538	5500	-698	17776	0	17776	1554	280	19610	49.97
3	6316	317	435	7068	347	5931	0	0	5594	5441	-631	17888	0	17888	1483	268	19639	49.97
4	6453	311	415	7179	352	6095	0	0	5488	5550	-590	18329	0	18329	1442	257	20028	50.00
5	6538	316	430	7284	375	6323	0	0	5503	5548	-603	18647	0	18647	1457	280	20384	50.01
6	6901	382	420	7703	412	6441	0	0	5738	5627	-695	19181	0	19181	1551	307	21039	49.99
7	7093	1188	427	8708	369	6541	0	22	5565	5092	-665	19724	0	19724	1729	343	21796	49.94
8	7131	2023	461	9615	279	6581	0	175	5625	5685	-693	21273	0	21273	1934	369	23576	49.98
9	7182	2027	449	9658	210	6446	0	539	6358	6442	-936	21993	0	21993	2207	366	24566	50.02
10	7123	1568	445	9136	213	6465	0	859	7453	7356	-1235	22429	0	22429	2437	365	25231	49.98
11	7138	1310	450	8898	186	6509	0	1098	8131	8026	-1378	22945	0	22945	2581	394	25920	49.95
12	7142	1091	418	8651	156	6569	0	1254	8204	8021	-1456	22812	0	22812	2605	383	25800	49.94
13	7113	803	426	8342	108	6611	0	1220	7964	7602	-1405	22109	0	22109	2533	369	25011	49.97
14	7090	499	427	8016	214	6513	0	1107	7572	7636	-1305	21817	0	21817	2380	364	24561	49.97
15	6866	776	415	8057	317	6490	0	939	7966	7740	-1339	21831	0	21831	2373	373	24577	49.88
16	6814	726	425	7965	305	6509	0	684	8186	7773	-1332	21536	0	21536	2366	368	24270	49.92
17	6916	597	427	7940	406	6584	0	359	7309	7132	-1286	20762	0	20762	2354	373	23489	49.97
18	7083	524	429	8036	396	6579	0	99	6135	5971	-1147	19541	0	19541	2348	393	22282	49.98
19	7177	462	430	8069	391	6539	0	0	5633	5493	-982	19131	0	19131	2356	379	21866	49.96
20	7169	663	432	8264	430	6559	0	0	5588	5436	-966	19348	0	19348	2354	375	22077	49.99
21	7148	415	444	8007	470	6534	0	0	5100	4990	-1144	18484	0	18484	2229	373	21086	49.99
22	6866	356	431	7653	456	6406	0	0	5329	4631	-1089	17706	0	17706	2069	351	20126	50.01
23	6555	312	431	7298	422	5852	0	0	5305	5253	-1013	17467	0	17467	1899	345	19711	49.97
24	6633	321	440	7394	328	5784	0	0	5263	5135	-891	17430	0	17430	1747	320	19497	50.00
MUs	164.93	17.62	10.34	192.89	8.14	152.47	0.00	8.36	152.06	148.33	-24.28	477.62	0.00	477.62	49.65	8.30	535.56	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 15/Feb/2022

Position as on 6.30 Hrs of 16/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	Koyna Unit 5	80	20/12/2021	08:40		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 4	500	13/01/2022	00:00	15/02/2022	14:40	Annual Overhaul	15/02/2022
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 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)	
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.	
IPP	Adani U-3	660	13/02/2022	15:16		Continued.	Due to APH-B hot PA below leakage.	
IPP	JSW (J) U4	300	14/02/2022	16:08		Continued.	No Schedule	
IPP	RPL(AMT) U-3	270	16/02/2022	00:00		Continued.	Coal Shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/Feb/2022

Statement-VII

Position as on 6.30 Hrs of 16/Feb/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV BUSBAR Outages/Trippings							
BUS - II @ KORADI - 3	IntraState	15/02/2022	08:49	15/02/2022	17:32	PO	Annual Maintenance of Bus Equipments
500 KV TBC Outages/Trippings							
POLE-1 BASE AC FILTER Z1-Z2(200MVAR) @ CHANDRAPUR HVDC	IntraState	15/02/2022	15:22	15/02/2022	20:21	EO	for urgent attending hotspot of temprature 256 deg and hotspot having temprature in between 100 -150 deg.
400 KV MAINBAY Outages/Trippings							
MAIN BUS - 2 @ ALKUD	IntraState	15/02/2022	10:58	15/02/2022	16:23	PO	QM Work
400 KV LINE Outages/Trippings							
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.
400 KV WALUJ (400 KV) - BABHALESHWAR CKT	IntraState	14/02/2022	16:43	15/02/2022	00:16	EO	To Attend Low vertical clearance betn OPGW & R-Ph Conductor of newly constructed tower crossing.
DHULE - DHULE(BDTCL) CKT - 2	IntraState	15/02/2022	12:03	15/02/2022	12:59	T	DT Received at Dhule End.
400 KV ICT Outages/Trippings							
500 MVA 400/220 KV ICT - I @ CHANDRAPUR 2	IntraState	15/02/2022	10:21	15/02/2022	15:45	PO	Daignostic testing and allied bay maintenance work
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	15/02/2022	20:20	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	15/02/2022	19:56	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
WAGHIVALI - DHARAVI 8	IntraState	14/02/2022	22:37	15/02/2022	03:34	PO	INSTALLATION OF PRESSURE SWITCH
NIWALI - PAWAS LINE	IntraState	15/02/2022	09:07	15/02/2022	20:02	PO	For overhauling & servicing of Siemens make CB at Pawas end.

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 15/Feb/2022

Statement-VII

Position as on 6.30 Hrs of 16/Feb/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
GOREGAON - AAREY CKT - 2	IntraState	15/02/2022	09:20			PO	Under MMRC Line Diversion scheme for Metro-3 project 220kV Outdoor termination of 220kV AEML Aarey and overhead connection at MMRC pylon yard .
ANANDNAGAR - PALAVA	IntraState	15/02/2022	11:21	15/02/2022	17:57	PO	1) 220kV PT testing 2) 220kV CT tan delta measurement
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.
220/132KV 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 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 Diferential protection and Declare faulty
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
220/100 KV 200 MVA ICT 3 @ PADGHE	IntraState	14/02/2022	09:39			PO	1. Retrofitting of REF relay for MTAMC work 2. Diagnostic testing work 3. Anticorrosive painting work
220/33kV 125 MVA TF 5 @ VERSOVA (AEML)	IntraState	15/02/2022	06:34	15/02/2022	21:24	T	TRIPPED ON DIFFERENTIAL PROTECTION
220/22KV 50 MVA PTR - 3 @ AKP	IntraState	15/02/2022	09:11	15/02/2022	11:09	PO	HV CT (R, Y, B ph) Tan delta Verification work & LV CB Overhauling work.
220/22 KV 50 MVA PTR 2	IntraState	15/02/2022	09:26	15/02/2022	18:32	PO	HV Differential relay replacement work
220/33 kV 50 MVA PTR 1 @ VIRAJ	IntraState	15/02/2022	10:16	15/02/2022	17:06	PO	Bushing Tan Delta, Winding Tan delta, WRM, 10 kV Ext, DFR, PI, HV CT Tan Delta, HV CB Timing. kV GIS Fdr 1 SF6 CB leakage attending work by M/s L&T.
220 KV BUSBAR Outages/Tripping							
GIS BUS - 1 @ KARANJADE	IntraState	15/02/2022	08:59			PO	BUS-1 EXTENSION FOR REACTOR CONNECTION

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