

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Jan/2023 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	150.473	2163.520	1) Gujrat	-2.180	-71.944
2) Hydro	4.896	204.955	2) Madhya Pradesh	0.534	51.326
3) Gas	5.898	70.896	3) Chattisgarh	4.020	86.030
Total MSPGCL	161.267	2439.371	4) Maharashtra	169.560	2658.281
B) 1) APLM	46.110	763.976	5) Goa (Amona)	-1.418	-24.221
2) JSWEL	16.921	290.255	Total	170.516	2699.472
3) VIPL	0.000	0.000	a) Mumbai Schedule	17.961	330.023
4) RPL(AMT)	31.037	340.808	b) Mumbai Drawl	21.238	389.239
5) SWPGPL	8.793	119.776	c) MSEDCL Bilateral *	63.692	1084.565
6) Other IPP	46.180	701.792	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.961	330.023
C) 1) TPCL Thermal	10.831	172.722	Include PX	0.000	0.000
2) TPCL Hydro	1.408	50.177	Standby	0.000	0.000
3) TPCL Gas	2.131	35.830	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.365	132.948	1) MSEDCL	468.541	7125.516
D) STATE			2) Mumbai Discoms	43.973	780.915
1) Thermal	318.710	4685.797	3) Other Discoms	9.302	144.194
(A1+C1+C4+(B1-B6))			TOTAL STATE	521.816	8050.625
2) Hydro	6.304	255.132			
(A2+C2)					
3) Gas	8.029	106.726			
(A3+B7+C3)					
4) Wind	4.707	117.127			
6) SOLAR	13.550	186.372			
TOTAL STATE	351.300	5351.154			

* 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	6828	6525	6624	5363
MSPGCL Hydro	806	122	276	101
MSPGCL Gas	244	240	244	253
MSPGCL Total Generation	7878	6887	7144	5717
Central Sector Receipt	8880	8633	6311	5641
WIND	106	104	164	91
CPP / IPP Thermal	7069	6469	6367	5631
CPP / IPP Gas	0	0	0	0
SOLAR	1751	1979	0	0
Exchange with Mumbai	-1224	-1174	-997	-814
MSEDCL DEMAND MET	24064	22506	18564	15866
Load Shedding	0	0	0	0
MSEDCL DEMAND	24064	22506	18564	15866
TPCL GENERATION	530	523	533	1046
AEML GENERATION	308	304	420	500
MUMBAI DEMAND	2062	2001	1950	2360
OTHER DISCOM DEMAND	396	392	426	400
STATE DEMAND MET	26522	24899	20939	18626
STATE DEMAND	26522	24899	20939	18626
Frequency (Hz)	50.07	50.02	50.04	50.06

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.33 Hz at 17.03 Hrs	49.75 Hz at 17.53 Hrs	50.03	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/Jan/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.76	72.08	215	155
Unit 7	0.00	0.00	0	0
Unit 8	13.96	198.88	657	497
Unit 9	12.70	97.14	565	498
Unit 10	12.48	191.74	571	431
Total	43.90	559.84		
Bhusawal				
Unit 3	3.26	23.01	165	115
Unit 4	9.38	152.63	490	280
Unit 5	8.91	108.20	460	280
Total	21.56	283.84		
Parli				
Unit 6	4.13	64.58	227	143
Unit 7	0.00	13.70	0	0
Unit 8	0.00	52.59	0	0
Total	4.13	130.87		
Chandrapur				
Unit 3	3.42	50.76	170	122
Unit 4	3.14	35.06	145	118
Unit 5	7.02	95.00	315	270
Unit 6	8.18	127.76	405	282
Unit 7	0.00	0.00	0	0
Unit 8	10.34	161.85	495	276
Unit 9	10.70	163.35	500	331
Total	42.79	633.77		
Paras				
Unit 3	5.12	74.15	234	158
Unit 4	4.85	58.53	241	130
Total	9.96	132.68		
Khaparkheda				
Unit 1	2.96	40.30	140	115
Unit 2	3.02	40.48	141	116
Unit 3	3.55	51.14	180	127
Unit 4	2.71	42.86	127	97
Unit 5	9.94	149.47	470	275
Total	22.18	324.24		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.18	50.29	159	117
Unit 5	2.77	47.98	162	0
Total	5.95	98.28		
Uran				
All Units	5.90	70.90	253	237
Total	5.90	70.90		
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)	0.21	5.82	43	0
Total	0.21	5.82		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.39	62.10	510	40
Stage 4	0.00	68.20	0	0
Stage 3	0.49	28.15	130	0
Total	2.88	158.44		
Hydro				
KDPH	0.00	3.13	0	0
VTRNA	0.00	0.04	0	0
TILLARI	0.00	4.41	0	0
BHIRA T.R.	0.12	3.12	40	0
SMLHY_PTN	1.46	20.74	63	59
GHATGHAR	0.22	9.26	125	0
Total	1.80	40.70		
Wind				
Total	4.71	117.13	0	0
Total	4.71	117.13		
CPP				
APML(Mus)	46.11	763.98	0	0
JSWEL(Mus)	16.92	290.26	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.04	340.81	0	0
SWPGPL-Mus	8.79	119.78	0	0
Other(Mus)	46.18	701.79	0	0
Total	149.04	2216.61		
SOLAR				
Total	13.55	186.37	0	0
Total	13.55	186.37		
Tata				
Trombay 5	7.10	114.18	476	264
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.15	20.58	90	44
Trombay 7B	0.98	15.25	60	38
TATA Hydro	1.41	50.18	352	3
Trombay 8	3.73	58.54	238	131
Total	14.37	258.73		
AEML				
DTPS U-1&2	8.36	132.95	502	292
Total	8.36	132.95		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	150.47	2163.52	MSPGCL Total	161.27	2439.37
			MSPGCL Thml+Gas	156.37	2234.42	Koyna 1,2 & 4 Total	2.39	130.29
			MSPGCL Hydro	4.90	204.96	State Total	351.30	5351.15

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 15/Jan/2023

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	5611	101	248	5960	355	5740	0	0	6364	6274	-691	17271	0	17271	1551	367	19189	50.00
2	5451	102	248	5801	537	5665	0	0	6483	6538	-611	17573	0	17573	1414	357	19344	50.01
3	5350	107	250	5707	365	5638	0	0	6591	6999	-559	17839	0	17839	1363	311	19513	50.02
4	5404	101	248	5753	512	5606	0	0	6600	6768	-561	17758	0	17758	1358	320	19436	50.04
5	5858	106	250	6214	306	5713	0	0	6832	7010	-555	18354	0	18354	1350	334	20038	50.01
6	6447	103	248	6798	277	5866	0	0	6925	7072	-622	19019	0	19019	1421	371	20812	50.01
7	6903	103	248	7254	254	6474	0	6	6873	6840	-696	19750	0	19750	1505	382	21637	50.04
8	6960	241	247	7448	241	6741	0	171	7040	7306	-791	20721	0	20721	1614	394	22730	50.03
9	7067	346	253	7666	179	7005	0	692	7169	7463	-993	21613	0	21613	1803	399	23815	50.08
10	6999	652	245	7896	121	7038	0	1281	7880	8288	-1110	23132	0	23132	1941	382	25455	50.07
11	6828	806	244	7878	106	7069	0	1751	8519	8880	-1224	24064	0	24064	2062	396	26522	50.07
12	6679	353	240	7272	100	6992	0	1981	8642	8868	-1197	23622	0	23622	2053	394	26069	50.03
13	6525	122	240	6887	104	6469	0	1979	8673	8633	-1174	22506	0	22506	2001	392	24899	50.02
14	6413	109	238	6760	102	6147	0	1937	8173	8413	-1113	21867	0	21867	1893	379	24139	50.02
15	6674	101	240	7015	101	6193	0	1706	7996	8086	-1038	21668	0	21668	1818	395	23881	50.06
16	6713	100	237	7050	110	6257	0	1231	7925	8017	-988	21271	0	21271	1779	406	23456	50.04
17	6667	106	241	7014	141	6333	0	675	7639	7210	-969	19992	0	19992	1762	412	22166	50.03
18	6422	152	240	6814	162	6234	0	140	6900	6878	-948	18864	0	18864	1788	416	21068	50.02
19	6624	276	244	7144	164	6367	0	0	6637	6311	-997	18564	0	18564	1950	426	20939	50.04
20	6339	280	245	6864	94	6276	0	0	6390	6381	-971	18218	0	18218	2009	425	20653	50.01
21	6022	174	250	6446	113	6080	0	0	5846	5567	-870	16912	0	16912	2191	424	19527	50.00
22	5771	142	250	6163	82	5810	0	0	5769	5584	-880	16353	0	16353	2477	406	19236	50.01
23	5383	112	251	5746	90	5697	0	0	5878	5489	-866	15744	0	15744	2510	412	18666	50.05
24	5363	101	253	5717	91	5631	0	0	5639	5641	-814	15866	0	15866	2360	400	18626	50.06
MUs	150.47	4.90	5.90	161.27	4.71	149.04	0.00	13.55	169.38	170.52	-21.24	468.54	0.00	468.54	43.97	9.30	521.82	50.03

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/Jan/2023

Position as on 6.30 Hrs of 16/Jan/2023

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna STG-IV Unit-1	250	02/12/2022	18:20		Continued.	Annual Overhaul	01/02/2023
MSPGCL	Parli Unit 7	250	03/01/2023	22:16		Continued.	Annual Overhaul	31/01/2023
IPP	JSW (J) U4	300	04/01/2023	23:45		Continued.	NO SCHEDULE	
FORCED OUTAGE								
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	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	07/02/2023
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	20/04/2022	00:35		Continued.	Stator Earth Fault	28/02/2023
MSPGCL	Uran Unit A0	120	07/09/2022	16:30		Continued.	TURBINE TRIPPED ON HIGH VIBRATIONS	
MSPGCL	Uran Unit 5	108	12/11/2022	13:23		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 7	500	29/11/2022	09:30		Continued.	DUE TO MAIN TURBINE GLAND SEALING PRESSURE HIGH.	20/01/2023
MSPGCL	Nasik Unit 3	210	07/12/2022	21:25		Continued.	Boiler Tube Leakage. Unit on tolling from 22:00Hrs Dtd 09.12.2022	
IPP	Adani U-1	660	12/01/2023	11:02		Continued.	APH-B Hot PA below leakage.	15/01/2023
MSPGCL	Parli Unit 8	250	14/01/2023	08:51		Continued.	Lube oil system problem	18/01/2023
MSPGCL	Nasik Unit 5	210	15/01/2023	21:18		Continued.	ID Fan Problem	
MSPGCL	Chandrapur Unit 5	500	16/01/2023	00:14		Continued.	Loss of fuel	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/Jan/2023

Statement-VII

Position as on 6.30 Hrs of 16/Jan/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV MAINBAY Outages/Trippings							
400KV MAIN BAY 413 OF SPARE BAY @ CHANDRAPUR 2	InterState	23/06/2022	20:33			EO	for requirement of trip coil material from 400 kv spare bay 413 CB and utilise it in 400 kv Warora Ckt 2 CB 425
400 KV LINE Outages/Trippings							
KOLHAPUR - KOLHAPUR (PG) CKT - 1	InterState	28/11/2022	10:12			PO	For reconductoring of Moose conductor with HTLS conductor for sytem improvement. Same is approved by Ministry of Power (MOP) vide their office memorandum dt 01.12.2021 . AR to be kept in non Auto mode for 400KV-KOLHAPUR-MS-KOLHAPUR GIS-2.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	08/11/2022	07:32	15/01/2023	07:45	HT	For Load Management
LONIKAND 2 - KARJAT CKT - 2	IntraState	15/01/2023	12:42	15/01/2023	20:00	PO	Cold line washing of insulator strings
JAIGAD - KARAD CKT - 1	IntraState	15/01/2023	21:22			HT	H/T TO CONTROL O/V
PADGHE - KALWA CKT - 2	IntraState	15/01/2023	21:45	16/01/2023	04:55	PO	Removal of Tapping of 400KV Kalwa-Padgha-2 line on 400KV Kharghar-Talegaon Line to normalize the Network.
KHARGHAR - TALEGAON (PG)	IntraState	15/01/2023	21:45	16/01/2023	02:54	PO	Removal of Tapping of 400KV Kalwa-Padgha-II line on 400KV Kharghar-Talegaon Line to normalise the network.
400 KV ICT Outages/Trippings							
400/220/33KV SPARE ICT @ KORADI 2	IntraState	27/12/2022	09:20		Continued.	PO	SFRA , DFRA test & tan delta measurement - spare ICT.
220 KV MAINBAY Outages/Trippings							
220KV WARORA(400KV)-WARORA CKT 2	IntraState	15/01/2023	10:09	15/01/2023	18:23	HT	Attending SF6 leakage of CB
220 KV LINE Outages/Trippings							
EKLAHARE (OCR) - NAVASARI CKT - 2	IntraState	18/12/2022	22:52			HT	To control overloading
VANKUSWADE - KDPH	IntraState	14/01/2023	18:00			PO	For Erection & Stringing of In line Multi Circuit tower (Loc No.1 to 7) of new 220kv Karad-Koyana Line and Re stringing of existing 220kv D/C KDPH LILO line.
TROMBAY - SALSETTE CKT - 1	IntraState	15/01/2023	00:32	15/01/2023	06:23	PO	For shifting to 22KV TDS ROW
BUS SECTION-6 @ TROMBAY	IntraState	15/01/2023	07:15	15/01/2023	11:25	PO	For Bus CVT testing and Bus 4 CT testing
BOISAR - VERSOVA	IntraState	15/01/2023	13:01	15/01/2023	13:34	T	Tripped on Distance protection
AAREY - AEML BORIVALI	IntraState	15/01/2023	13:37	15/01/2023	14:26	T	TRIPPED ONLY AT BORIVALI END
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	15/01/2023	16:22	15/01/2023	17:32	T	TRIPPED ON DISTANCE PROTECTION
KALWA - COLOURCHEM	IntraState	15/01/2023	16:33	15/01/2023	17:21	T	TRIPPED ON DISTANCE PROTECTION
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 100MVA PTR 1 @ KHAREPATAN	IntraState	22/09/2022	16:35			T	ICT bursted
220 / 110 / 22kv 250 MVA ICT 2 @ SALSETTE	IntraState	10/11/2022	10:35			EO	For attending to abnormal Nosie from ICT
220/22 KV 50 MVA PTR 1 @ ANANDNAGAR	IntraState	23/12/2022	09:30		Continued.	PO	For TF Diagnostic Testing work , HV CT Tandelta , HV & LV Breaker CRM, Timing and R&M work

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Jan/2023

Statement-VII

Position as on 6.30 Hrs of 16/Jan/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 KV 200 MVA ICT 1	IntraState	15/01/2023	10:52	15/01/2023	17:55	PO	Annual Diagnostic Tests

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