

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Jan/2021 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.066	775.158	1) Gujrat	3.657	16.554
2) Hydro	16.526	80.582	2) Madhya Pradesh	11.608	54.187
3) Gas	3.380	33.165	3) Chattisgarh	6.640	39.900
Total MSPGCL	154.972	888.905	4) Maharashtra	141.608	872.236
B) 1) APLM	27.813	149.083	5) Goa (Amona)	-1.057	-5.772
2) JSWEL	16.434	107.172	Total	162.456	977.105
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.332	106.589
4) RPL(AMT)	28.288	169.213	b) Mumbai Drawl	17.570	106.323
5) WPCL	8.006	48.030	c) MSEDCL Bilateral *	48.282	298.524
6) Other IPP	18.330	106.358	Include PX	19.004	123.253
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.332	106.589
C) 1) TPCL Thermal	13.466	79.728	Include PX	9.519	51.809
2) TPCL Hydro	4.903	23.731	Standby	0.000	0.000
3) TPCL Gas	0.000	3.381	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.812	58.635	1) MSEDCL	410.334	2426.556
D) STATE			2) Mumbai Discoms	45.751	271.798
1) Thermal	257.215	1493.377	TOTAL STATE	456.085	2698.354
(A1+C1+C4+(B1-B6))					
2) Hydro	21.429	104.313			
(A2+C2)					
3) Gas	3.380	36.546			
(A3+B7+C3)					
4) Wind	5.949	55.912			
6) SOLAR	5.656	31.101			
TOTAL STATE	293.629	1721.249			

* 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 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	5806	5619	5712	5629
MSPGCL Hydro	1244	1016	1198	98
MSPGCL Gas	140	140	140	140
MSPGCL Total Generation	7190	6776	7050	5866
Central Sector Receipt	8076	8190	6147	5371
WIND	105	75	150	391
CPP / IPP Thermal	4580	4562	4543	3413
CPP / IPP Gas	0	0	0	0
SOLAR	900	881	0	0
Exchange with Mumbai	-807	-762	-741	-702
MSEDCL DEMAND MET	20044	19722	17150	14340
Load Shedding	0	0	0	0
MSEDCL DEMAND	20044	19722	17150	14340
TPCL GENERATION	1070	1076	1042	432
AEML GENERATION	500	500	499	284
MUMBAI DEMAND	2377	2338	2282	1418
STATE DEMAND MET	22422	22060	19432	15758
STATE DEMAND	22422	22060	19432	15758
Frequency (Hz)	50.00	50.06	50.00	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 13.01 Hrs	49.87 Hz at 04.10 Hrs	50.01	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 06/Jan/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.96	16.74	130	115
Unit 7	2.39	14.04	114	80
Unit 8	12.85	76.35	640	451
Unit 9	13.13	73.58	595	500
Unit 10	11.43	21.63	520	400
Total	42.75	202.34		
Bhusawal				
Unit 3	3.70	10.04	175	135
Unit 4	0.28	41.63	165	0
Unit 5	0.00	0.00	0	0
Total	3.98	51.68		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.11	29.33	250	155
Unit 7	4.99	30.66	248	151
Unit 8	5.30	31.68	250	150
Total	15.40	91.68		
Chandrapur				
Unit 3	4.02	24.12	173	127
Unit 4	3.82	22.91	165	140
Unit 5	9.93	53.03	431	275
Unit 6	9.58	39.12	420	290
Unit 7	7.45	43.94	326	285
Unit 8	0.00	0.00	0	0
Unit 9	11.62	69.35	495	466
Total	46.43	252.47		
Paras				
Unit 3	2.97	29.86	251	0
Unit 4	5.78	34.37	252	203
Total	8.75	64.23		
Khaparkheda				
Unit 1	2.80	17.86	130	100
Unit 2	2.90	22.70	175	80
Unit 3	4.28	16.52	180	175
Unit 4	4.32	26.10	203	170
Unit 5	0.00	8.74	0	0
Total	14.32	91.92		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.43	20.84	196	121
Unit 5	0.00	0.00	0	0
Total	3.43	20.84		
Uran				
All Units	3.38	33.16	150	130
Total	3.38	33.16		
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)	0.28	2.31	24	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.28	2.31		
Koyna				
Stage 1-2	3.67	20.54	435	40
Stage 4	7.41	32.74	787	0
Stage 3	2.53	11.04	160	0
Total	13.61	64.31		
Hydro				
KDPH	0.44	2.66	19	19
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.39	1.57	40	0
RNGR+BHTSA	0.36	2.16	15	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.36	2.16	15	14
SMLHY_PTN	0.22	1.32	10	9
GHATGHAR	1.14	6.39	250	0
Total	2.92	16.27		
Wind				
Total	5.95	55.91	0	0
Total	5.95	55.91		
CPP				
APML(Mus)	27.81	149.08	0	0
JSWEL(Mus)	16.43	107.17	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	28.29	169.21	0	0
WPCL(Mus)	8.01	48.03	0	0
Other(Mus)	18.33	106.36	0	0
Total	98.87	579.86		
SOLAR				
Total	5.66	31.10	0	0
Total	5.66	31.10		
Tata				
Trombay 5	8.90	52.76	464	275
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	1.88	0	0
Trombay 7B	0.00	1.50	0	0
Trombay 8	4.56	26.97	231	136
TATA Hydro	4.90	23.73	417	0
Total	18.37	106.84		
AEML				
DTPS U-1&2	9.81	58.64	500	282
Total	9.81	58.64		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.07	775.16	MSPGCL Total	154.97	888.90
			MSPGCL Thml+Gas	138.45	808.32	Koyna 1,2 & 4 Total	11.08	53.27
			MSPGCL Hydro	16.53	80.58	State Total	293.63	1721.25

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/Jan/2021

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5678	108	150	5936	464	3385	0	0	5473	5540	-789	14536	0	14536	1516	16052	49.99
2	5629	98	140	5866	391	3413	0	0	5670	5371	-702	14340	0	14340	1418	15758	50.00
3	5389	102	140	5632	419	3423	0	0	5835	5703	-655	14522	0	14522	1356	15878	50.00
4	5203	102	140	5446	346	3401	0	0	5845	5951	-614	14530	0	14530	1317	15846	49.99
5	5522	112	150	5784	356	3401	0	0	6084	6232	-618	15156	0	15156	1321	16476	49.99
6	5584	138	140	5862	290	3611	0	0	6843	6837	-697	15902	0	15902	1401	17304	49.98
7	5757	138	150	6044	385	4083	0	5	7340	7058	-607	16968	0	16968	1518	18486	49.98
8	5770	730	140	6640	380	4369	0	59	7416	7377	-456	18368	0	18368	1709	20078	49.99
9	5743	1440	150	7334	265	4576	0	270	7213	7208	-613	19040	0	19040	1974	21014	49.98
10	5802	1656	140	7598	285	4584	0	539	7122	7364	-716	19654	0	19654	2197	21852	49.94
11	5772	1512	140	7424	175	4572	0	784	7550	7885	-787	20054	0	20054	2333	22386	50.00
12	5806	1244	140	7190	105	4580	0	900	8011	8076	-807	20044	0	20044	2377	22422	50.00
13	5619	1016	140	6776	75	4562	0	881	8155	8190	-762	19722	0	19722	2338	22060	50.06
14	5622	714	130	6466	76	4406	0	837	8220	8147	-655	19276	0	19276	2227	21504	50.11
15	5622	762	130	6514	79	4227	0	720	8354	8396	-737	19200	0	19200	2207	21406	50.04
16	5654	918	150	6722	118	4180	0	407	8320	8236	-701	18962	0	18962	2201	21162	50.01
17	5640	878	130	6648	104	4398	0	216	7499	7205	-606	17964	0	17964	2198	20162	50.04
18	5708	1164	140	7012	171	4500	0	38	6460	6237	-607	17352	0	17352	2181	19532	50.00
19	5712	1198	140	7050	150	4543	0	0	5982	6147	-741	17150	0	17150	2282	19432	50.00
20	5734	892	140	6766	208	4563	0	0	5966	6212	-721	17028	0	17028	2231	19258	49.98
21	5558	564	140	6262	276	4193	0	0	5922	5864	-946	15648	0	15648	2095	17744	50.00
22	5440	642	140	6222	280	4078	0	0	5811	6001	-1112	15470	0	15470	1945	17414	50.02
23	5558	284	150	5992	276	3924	0	0	5860	5717	-1035	14874	0	14874	1781	16654	50.00
24	5544	114	130	5788	275	3899	0	0	5779	5502	-886	14578	0	14578	1628	16206	50.03
MUs	135.07	16.53	3.38	154.97	5.95	98.87	0.00	5.66	162.73	162.46	-17.57	410.33	0.00	410.33	45.75	456.09	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 06/Jan/2021

Position as on 6.30 Hrs of 07/Jan/2021

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-2	250	23/11/2020	08.00		Continued.	Capital Overhaul	
MSPGCL	Chandrapur Unit-8	500	20/12/2020	00.00		Continued.	Annual Overhaul	
MSPGCL	Khaparkhedda Unit 5	500	01/01/2021	23.13		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
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	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
IPP	JSW (J) U2	300	01/11/2020	04.44		Continued.	No Schedule	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	Economizer Tube Leakage. (Zero Schedule from 18:45hrs of 05.12.2020)	
IPP	Adani U-4	660	15/12/2020	23.48		Continued.	Zero schedule.	
IPP	Adani U-1	660	16/12/2020	10.58		Continued.	Withdrawal For RSD.	
IPP	Adani U-3	660	23/12/2020	23.59		Continued.	Turbine Bearing Vibration.	
MSPGCL	Bhusawal Unit 5	500	24/12/2020	21.15		Continued.	Due to clinker formed inside the bottom ash hopper	
TPC-G	Trombay 7B	60	02/01/2021	14.06		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	02/01/2021	14.27		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 4	500	04/01/2021	20.16	06/01/2021	21.44	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	04/01/2021	22.02		Continued.	Gas shortage	
MSPGCL	Paras Unit 3	250	06/01/2021	12.07		Continued.	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 07/Jan/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Dhule Sar'Sarovar I	InterState	05/01/2021	09.46	06/01/2021	06.02	PO	Replacement of Damaged Earthwire(RFC 19.40Hrs)
Kolhapur Solapur (PG) II	InterState	06/01/2021	09.20	06/01/2021	09.45	PO	Reactor AMP & PRD Oil Leakage attending Works. Line outage Shall be Facilitated for Taking Out & Of L.R.
Dhule Sar'Sarovar II	InterState	06/01/2021	17.39		Continued.	HT	Over Voltage
Lonikand 1 - Talegaon(Pgcil)	IntraState	31/12/2020	10.17		Continued.	PO	1)Erection of 89A(N+27) & 90A(N+27); 2) loc no. 89A to 90A stringing; 3) loc no. 89A to 82 stringing;4) loc no. 90 to 92 stringing; 5)Dismantling of old towers 89 & 90
Khadka-Aurangabad (Waluj)	IntraState	05/01/2021	23.41	06/01/2021	07.33	HT	Over Voltage
Ektuni-Bableswhar ckt I	IntraState	06/01/2021	10.44	06/01/2021	19.40	PO	Faulty disc,Corona Ring Replacement, jumper Nut-Bolt Tightening.
Karad-Jaigad - I	IntraState	06/01/2021	12.06	06/01/2021	17.17	T	To attend Hot Spot At Karad End.
Taptitanda Waluj	IntraState	06/01/2021	12.44	06/01/2021	16.08	PO	CB Diagnostic Testing.
Karad - Jaigad - II	IntraState	06/01/2021	21.38		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	06/01/2021	21.55		Continued.	HT	Over Voltage
Dhule - Bableswhar - II	IntraState	06/01/2021	22.00		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection,Declared Faulty.
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement of existing 315 MVA ICT by 3*167 MVA ICT.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	23/09/2020	09.12		Continued.	PO	Augmentation work of 400/220 315MVA ICT-II to 501MVA
400/220/33 Kv 500 Mva Ict 2 @ CHANDRAPUR 2	IntraState	06/01/2021	08.30		Continued.	PO	applying high insulation resistance Coating on tertiary side Equipment of 501 MVA,400/220/30KV ICT 2Like 33KV PT,BPI,IPS Tube, LA & Tertiary Bushings.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	20/08/2020	13.05		Continued.	PO	Erection of Tower Due to Railway Crossing
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	20/08/2020	13.06		Continued.	PO	Erection of Tower Due to Railway Crossing
Trombay - Kalwa	IntraState	16/12/2020	06.43		Continued.	PO	HTLS work.
Loteparshuram- Dasturi Line	IntraState	05/01/2021	10.50		Continued.	T	Cross arm bent at Loc. no.98,100 & 101.
Trombay Carnac 5	IntraState	06/01/2021	09.15	06/01/2021	11.31	PO	Attending Hot Spot
Peth- Mudshingi -I	IntraState	06/01/2021	10.03	06/01/2021	16.58	PO	Quarterly Maintainance Work
Uran - Jnpt	IntraState	06/01/2021	10.06	06/01/2021	19.07	PO	For CT Ratio Changing from 400 TO 800 At Uran & JNPT.
Ambazari-Kalmeshwar	IntraState	06/01/2021	11.09	06/01/2021	20.26	PO	Line Maintenance work
Chikhli-Jalna-I	IntraState	06/01/2021	12.11	06/01/2021	19.42	HT	To Control Load On 400KV Akola ICT.
NERUL - SEAWOOD CABLE CKT - 1	IntraState	06/01/2021	12.52	06/01/2021	16.52	PO	For Diagnostic & Bay Maintenance Work.
Kandalgaon - Koyna (Pophali)	IntraState	06/01/2021	13.05	06/01/2021	19.25	PO	Work To Be Carried Out On Rusted Towers.

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 07/Jan/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Chandrapur GCR - Wani	IntraState	06/01/2021	14.06	06/01/2021	17.37	PO	LA Replacement Work At WANI End.
Oni Kharepatan Line	IntraState	06/01/2021	17.00	06/01/2021	19.22	T	To Attend gas Leakage.
220 KV ICT Outages/Trippings							
220/100 Kv 100 Mva Emco Ict 1 @Tambati	IntraState	01/01/2021	09.40		Continued.	PO	Routine Maintenance Work
220/132 Kv 200 Mva Bbl Ict 1 @Kalmeshwar	IntraState	06/01/2021	16.40	06/01/2021	20.42	EO	For Differential Relay Testing.
220/132 kV 100 MVA ICT II@Malegaon	IntraState	06/01/2021	20.04	06/01/2021	22.55	PO	Attending Oil Leakage & CRM.timing Work.