

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Nov/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	125.225	3678.022	1) Gujrat	1.494	26.670
2) Hydro	6.083	207.857	2) Madhya Pradesh	10.282	174.639
3) Gas	4.767	172.040	3) Chattisgarh	8.370	200.890
Total MSPGCL	136.075	4057.919	4) Maharashtra	121.692	3639.763
B) 1) APML	62.179	1672.641	5) Goa (Amona)	-1.544	-36.556
2) JSWEL	17.647	507.317	Total	140.294	4005.406
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.317	565.007
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.035	633.945
5) WPCL	6.276	205.989	c) MSEDCL Bilateral *	30.955	847.772
6) Other IPP	15.805	415.660	Include PX	1.636	49.168
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.317	565.007
C) 1) TPCL Thermal	11.537	390.141	Include PX	8.994	331.993
2) TPCL Hydro	1.494	75.708	Standby	0.000	0.000
3) TPCL Gas	3.045	110.889	H) ENERGY CATERED (MUs)		
4) AEML Thermal	6.780	235.751	1) MSEDCL	390.645	10773.038
D) STATE			2) Mumbai Discoms	48.891	1446.436
1) Thermal	245.449	7105.521	TOTAL STATE	439.536	12219.474
(A1+C1+C4+(B1-B6))					
2) Hydro	7.577	283.565			
(A2+C2)					
3) Gas	7.812	282.929			
(A3+B7+C3)					
4) Wind	34.135	365.331			
6) SOLAR	4.269	176.720			
TOTAL STATE	299.242	8214.066			

* 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 3 Hrs
MSPGCL Thermal	5872	5874	5798	4146
MSPGCL Hydro	418	736	148	193
MSPGCL Gas	130	128	141	272
MSPGCL Total Generation	6420	6738	6086	4611
Central Sector Receipt	6840	6348	6021	4649
WIND	1555	1297	1164	1764
CPP / IPP Thermal	4527	4618	4837	3414
CPP / IPP Gas	0	0	0	0
SOLAR	643	608	0	0
Exchange with Mumbai	-1291	-1376	-1242	-804
MSEDCL DEMAND MET	18694	18234	16866	13634
Load Shedding	0	0	0	0
MSEDCL DEMAND	18694	18234	16866	13634
TPCL GENERATION	722	671	857	534
AEML GENERATION	282	282	283	283
MUMBAI DEMAND	2295	2329	2382	1621
STATE DEMAND MET	20989	20562	19248	15255
STATE DEMAND	20989	20562	19248	15255
Frequency (Hz)	49.98	49.98	49.99	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 08.01 Hrs	49.81 Hz at 16.45 Hrs	50	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 28/Nov/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	11.63	320.59	586	369
Unit 9	11.76	282.97	575	373
Unit 10	0.00	71.95	0	0
Total	23.39	675.51		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.76	265.42	500	280
Unit 5	9.53	243.37	505	280
Total	19.30	508.80		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.43	30.37	217	157
Unit 7	4.21	21.06	205	169
Unit 8	4.44	137.31	250	169
Total	13.08	188.75		
Chandrapur				
Unit 3	3.67	106.15	172	124
Unit 4	3.65	100.78	163	135
Unit 5	8.85	257.23	430	274
Unit 6	8.40	256.38	415	272
Unit 7	0.00	0.00	0	0
Unit 8	9.70	267.03	470	275
Unit 9	9.96	307.45	480	278
Total	44.23	1295.02		
Paras				
Unit 3	5.16	131.25	240	187
Unit 4	5.07	137.15	232	182
Total	10.22	268.40		
Khaparkheda				
Unit 1	3.63	100.21	165	135
Unit 2	3.86	107.10	185	140
Unit 3	0.00	60.50	0	0
Unit 4	4.05	112.36	192	140
Unit 5	0.00	214.42	0	0
Total	11.54	594.59		
Nasik				
Unit 3	3.47	58.47	178	134
Unit 4	0.00	88.49	0	0
Unit 5	0.00	0.00	0	0
Total	3.47	146.96		
Uran				
All Units	4.77	172.04	293	128
Total	4.77	172.04		
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)	0.03	3.28	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.03	3.28		
Koyna				
Stage 1-2	2.68	86.12	420	40
Stage 4	0.02	46.07	23	0
Stage 3	0.52	29.79	80	0
Total	3.22	161.98		
Hydro				
KDPH	0.65	4.96	37	19
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.11	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	4.30	40	0
RNGR+BHTSA	0.35	9.69	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.93	0	0
SMLHY_PTN	0.37	3.27	16	15
GHATGHAR	1.39	22.63	250	0
Total	2.86	45.87		
Wind				
Total	34.14	365.33	0	0
Total	34.14	365.33		
CPP				
APML(Mus)	62.18	1672.64	0	0
JSWEL(Mus)	17.65	507.32	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	6.28	205.99	0	0
Other(Mus)	15.80	415.66	0	0
Total	101.91	2801.61		
SOLAR				
Total	4.27	176.72	0	0
Total	4.27	176.72		
Tata				
Trombay 5	6.74	260.10	282	280
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.77	69.42	87	63
Trombay 7B	1.27	41.47	58	48
Trombay 8	4.79	130.04	231	138
TATA Hydro	1.49	75.71	218	2
Total	16.08	576.74		
AEML				
DTPS U-1&2	6.78	235.75	283	281
Total	6.78	235.75		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	125.22	3678.02	MSPGCL Total	136.08	4057.92
			MSPGCL Thml+Gas	129.99	3850.06	Koyna 1,2 & 4 Total	2.70	132.20
			MSPGCL Hydro	6.08	207.86	State Total	299.24	8214.07

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/Nov/2020

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	4136	123	282	4541	1698	3276	0	0	5146	5317	-1007	13825	0	13825	1824	15649	49.99
2	4148	433	292	4873	1736	3231	0	0	4853	4818	-900	13758	0	13758	1717	15475	49.96
3	4146	193	272	4611	1764	3414	0	0	4866	4649	-804	13634	0	13634	1621	15255	50.02
4	4152	113	282	4547	1861	3318	0	0	5017	4769	-759	13736	0	13736	1576	15312	49.99
5	4160	113	292	4565	1770	3349	0	0	5116	5077	-750	14011	0	14011	1566	15577	49.98
6	4730	178	282	5190	1707	3674	0	0	5541	5646	-811	15406	0	15406	1626	17032	50.01
7	5713	198	273	6184	1834	3961	0	2	6132	5577	-847	16711	0	16711	1666	18377	50.00
8	5812	283	293	6388	1854	4166	0	81	6238	6367	-902	17954	0	17954	1760	19714	50.02
9	5995	198	282	6475	1866	4782	0	298	6126	6072	-1001	18492	0	18492	1926	20418	50.00
10	5899	221	227	6347	1804	4793	0	489	6429	6229	-1142	18520	0	18520	2140	20660	49.99
11	5872	418	130	6420	1555	4527	0	643	6823	6840	-1291	18694	0	18694	2295	20989	49.98
12	5875	594	139	6608	1393	4504	0	696	6698	6810	-1384	18628	0	18628	2349	20976	49.98
13	5874	736	128	6738	1297	4618	0	608	6351	6348	-1376	18234	0	18234	2329	20562	49.98
14	5881	378	138	6398	1172	4809	0	570	6478	6447	-1283	18112	0	18112	2242	20354	50.02
15	5862	348	129	6340	1136	4670	0	471	7079	6556	-1299	17874	0	17874	2253	20126	50.03
16	5816	274	128	6218	1074	4651	0	274	7112	6947	-1207	17958	0	17958	2227	20184	50.01
17	5818	238	129	6186	1033	4911	0	125	6506	6500	-1112	17642	0	17642	2213	19856	49.99
18	5789	276	145	6210	1012	4941	0	12	6043	5884	-1115	16944	0	16944	2265	19208	49.94
19	5798	148	141	6086	1164	4837	0	0	5814	6021	-1242	16866	0	16866	2382	19248	49.99
20	5796	118	130	6044	1081	4689	0	0	5397	5177	-1218	15772	0	15772	2371	18144	50.01
21	4709	152	131	4992	1080	4391	0	0	5313	5505	-1155	14814	0	14814	2291	17104	50.01
22	4462	162	131	4756	1099	4291	0	0	5544	5546	-1209	14482	0	14482	2181	16664	50.02
23	4361	88	171	4620	1171	4114	0	0	5609	5574	-1141	14338	0	14338	2071	16408	50.02
24	4421	98	220	4738	974	3990	0	0	5662	5618	-1080	14240	0	14240	2000	16240	50.00
MUs	125.2 2	6.08	4.77	136.07	34.14	101.91	0.00	4.27	141.89	140.29	-26.03	390.64	0.00	390.64	48.89	439.54	50.00

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 28/Nov/2020

Position as on 6.30 Hrs of 29/Nov/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 10	660	09/11/2020	01.28		Continued.	Air heater problem(Converted in to Annual Overhaul.From	
MSPGCL	Khaparkheda Unit 3	210	19/11/2020	23.55		Continued.	ANNUAL OVERHAUL	
MSPGCL	Koyna STG-IV Unit-2	250	23/11/2020	08.00		Continued.	Capital 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	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
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)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
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	
MSPGCL	Chandrapur Unit 7	500	29/09/2020	01.58		Continued.	Tripped On Generator Protection.	
IPP	JSW (J) U2	300	01/11/2020	04.44		Continued.	No Schedule	
MSPGCL	Khaparkheda Unit 5	500	27/11/2020	06.52	29/11/2020	01.23	Boiler Tube Leakage	
MSPGCL	Nasik Unit 4	210	27/11/2020	20.00		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Uran Unit 6	108	28/11/2020	17.45	28/11/2020	22.15	Boiler Protection Operated.	
MSPGCL	Khaparkheda Unit 5	500	29/11/2020	01.43	29/11/2020	03.07	Drum level high.	
MSPGCL	Uran Unit 6	108	29/11/2020	06.53	29/11/2020	14.31	Emergency H/T Due to CT problem in switch yard.	
IPP	Adani U-1	660	29/11/2020	23.50		Continued.	Hot PA Bellow leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 29/Nov/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	19/10/2020	23.01	29/11/2020	22.50	PO	Abnormal sound from main tank of smoothing reactor at Chandrapur end
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	21/11/2020	10.18		Continued.	HT	Over Voltage
Akola Wardha li	InterState	28/11/2020	07.38	28/11/2020	18.46	PO	Outage by PGCIL.
Lamboti - Solapur (PG)	InterState	29/11/2020	09.41	29/11/2020	18.10	PO	work at PG end
Akola Wardha I	InterState	29/11/2020	11.45	29/11/2020	19.08	PO	Work at PG end
Karad - Jaigad - II	IntraState	16/09/2020	23.34		Continued.	HT	Over Voltage (Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Jaigad-Karad Ckt-I	IntraState	27/09/2020	18.59		Continued.	T	Distance Protection(Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Koradi-Bhusawal	IntraState	27/11/2020	10.42	28/11/2020	08.00	PO	Replacement of Flashover String.
Dhule - Bableshwar - II	IntraState	27/11/2020	20.06	28/11/2020	08.04	HT	Over Voltage
Chandrapur - Khaperkheda	IntraState	28/11/2020	08.32	29/11/2020	18.09	PO	Conductor restringing work.
Bus Coupler @ Padgha	IntraState	28/11/2020	12.08	28/11/2020	20.04	EO	Attending Hot Spot
New Koyna -Koyna Stage IV-I	IntraState	28/11/2020	12.11	28/11/2020	19.41	PO	Diagnostic, Relay testing and routine maintenance.
Khadka-Aurangabad (Waluj)	IntraState	28/11/2020	20.15	29/11/2020	07.02	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	28/11/2020	22.30	29/11/2020	07.16	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	28/11/2020	22.36	29/11/2020	08.34	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	29/11/2020	19.45		Continued.	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	29/11/2020	20.01		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	10/09/2020	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 315 MVA ICT II @Chandrapur GCR	IntraState	18/11/2020	19.25	28/11/2020	12.01	PO	Bursting Of HV Side R-Phase Bushing.
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)
Tillari Amona	InterState	02/11/2020	14.30		Continued.	PO	220 kv Amona Bay old CB Replacement (civil,Erection & Commissioning,testing)Work at 220 kv Tillari Switch yard.
Boiser(M)-Boiser(PG) -III	InterState	29/11/2020	11.28	29/11/2020	14.51	EO	Y Phase LA replacement
Kharghar-Borivali ckt II	IntraState	11/08/2020	01.45		Continued.	T	Special Repair Cable work.
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
BHIRA (T) - KARANJADE CKT - 7	IntraState	28/11/2020	06.57	28/11/2020	20.36	PO	For closer inspection.
Salsette - Sahara	IntraState	28/11/2020	07.31	28/11/2020	20.21	PO	Shifting of C phase conductor of sal-sahar 7 sal-saki 1&2. Project work.
Badnera-Akola I	IntraState	28/11/2020	08.16	28/11/2020	08.57	T	DC Fail.

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 28/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 29/Nov/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Pedhambe - Oni	IntraState	28/11/2020	08.17	28/11/2020	17.30	PO	Cold washing of insulator strings from Loc nos. 101-200.
Khadka-Chalisgaon-2	IntraState	28/11/2020	08.18	28/11/2020	15.51	PO	Diagnostic testing & Routine bay maintenance work.
Kharghar-Borivali ckt I	IntraState	28/11/2020	08.40	28/11/2020	22.28	PO	Safety outage to pull down cable termination of 220kv kharghar Borivali-2 line's B phase.
Peth- Mudshingi -I	IntraState	28/11/2020	09.06	28/11/2020	17.52	PO	R, Y, B phase conductor restringing at Loc no 132 to 151.
Kalwa-TIFIL	IntraState	28/11/2020	09.10	28/11/2020	22.23	PO	Safety purpose for the restoration work on Kharghar-Borivali ckt 2.
Kolhapur-Bidri	IntraState	28/11/2020	09.27	28/11/2020	16.50	PO	CB Timing & CRM Testing.
Loteparshuram- Dasturi Line	IntraState	28/11/2020	10.00	28/11/2020	16.35	PO	Replacement of R & B phs CT incoming damaged jumpers.
Uran - Jnpt	IntraState	28/11/2020	10.30	28/11/2020	15.47	PO	CT Tan delta Work at both end.
Eklahara(Gcr)(Nasik)- Bableshtar-I	IntraState	28/11/2020	11.19	28/11/2020	14.48	PO	Diagnostic testing work & red hot attending work.
Pedambe-Pophali	IntraState	28/11/2020	11.21	28/11/2020	12.19	T	Distance Protection
Lonikand-VSNL	IntraState	28/11/2020	15.40	28/11/2020	17.37	T	Distance Protection
Shivajinagar-Gangapur	IntraState	28/11/2020	16.33	28/11/2020	23.36	T	Distance Protection
Trombay - Mulund	IntraState	29/11/2020	06.57		Continued.	PO	Stringing of HTLS conductor
Sawantwadi-Bidri	IntraState	29/11/2020	23.12		Continued.	HT	Over Voltage
220 KV ICT Outages/Trippings							
220/132kv 100mva Ptr 1 @Kharepatan	IntraState	28/11/2020	09.28	29/11/2020	00.08	PO	OLTC overhauling work.
Salsette : 220 / 110 / 23 250 MVA ICT 3	IntraState	29/11/2020	08.21	29/11/2020	18.38	PO	work of Fire DDR project

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