

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Nov/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	142.656	2750.656	1) Gujrat	-0.842	-30.363
2) Hydro	1.417	98.866	2) Madhya Pradesh	11.512	232.823
3) Gas	7.060	137.490	3) Chattisgarh	6.460	143.970
Total MSPGCL	151.133	2987.012	4) Maharashtra Net	108.934	2632.008
B) 1) APML	70.622	1413.391	5) Goa (Amona)	-0.506	-10.120
2) JSWEL	22.078	519.519	Total	125.558	2968.318
3) VIPL	10.004	137.079	a) Mumbai Schedule	21.844	457.199
4) RPL(AMT)	10.371	155.710	b) Mumbai Drawl	32.118	599.200
5) WPCL	4.835	88.754	c) MSEDCL Bilateral *	33.535	974.374
6) PGPL	0.000	0.000	Include PX	5.693	268.375
7) Other IPP	13.562	281.742	d) Mumbai Bilateral *	21.844	445.014
C) 1) TPCL Thermal	12.262	276.872	Include PX	2.159	99.193
2) TPCL Hydro	2.948	69.142	Include Standby	0.000	12.185
3) TPCL Gas	4.409	91.721	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.011	204.814	1) MSEDCL	388.707	8206.425
D) STATE			2) Mumbai Discoms	60.749	1241.746
1) Thermal	295.401	5828.537	TOTAL STATE	449.456	9448.171
(A1+C1+C4+(B1-B6))					
2) Hydro	4.365	168.008			
(A2+C2)					
3) Gas	11.469	229.211			
(A3+B6+C3)					
4) Wind	7.696	140.885			
6) SOLAR	4.966	113.215			
TOTAL STATE	323.897	6479.856			

* 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 1 Hrs
MSPGCL Thermal	6293	6278	6287	5506
MSPGCL Hydro	148	88	37	38
MSPGCL Gas	284	279	286	293
MSPGCL Total Generation	6724	6645	6610	5836
Central Sector Receipt	6304	6063	5142	4517
WIND	303	284	234	158
CPP / IPP Thermal	5790	5606	5991	4929
CPP / IPP Gas	0	0	0	0
SOLAR	697	687	0	0
Exchange with Mumbai	-1645	-1640	-1533	-1221
MSEDCL DEMAND MET	18174	17645	16444	14220
Load Shedding	0	0	0	0
MSEDCL DEMAND	18174	17645	16444	14220
TPCL GENERATION	932	964	967	697
R-INFRA GENERATION	375	375	375	375
MUMBAI DEMAND	2952	2979	2875	2293
STATE DEMAND MET	21126	20624	19319	16512
STATE DEMAND	21126	20624	19319	16512
Frequency (Hz)	49.97	49.95	49.99	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 06.02 Hrs	49.78 Hz at 09.24 Hrs	49.98	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 21/Nov/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.82	18.53	135	105
Unit 7	0.00	0.00	0	0
Unit 8	7.29	156.81	341	277
Unit 9	7.17	165.59	310	252
Unit 10	7.17	162.77	331	267
Total	24.45	503.70		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.92	182.82	500	350
Unit 5	8.90	181.10	470	350
Total	17.82	363.92		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.48	100.65	250	160
Unit 7	0.00	0.00	0	0
Unit 8	4.90	103.26	245	187
Total	9.38	203.92		
Chandrapur				
Unit 3	4.13	29.16	183	158
Unit 4	4.14	16.56	184	160
Unit 5	9.46	197.58	420	355
Unit 6	9.87	172.39	445	360
Unit 7	9.48	198.86	435	357
Unit 8	9.82	170.49	440	360
Unit 9	9.98	209.20	450	360
Total	56.88	994.23		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.43	97.52	250	126
Total	4.43	97.52		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.00	83.75	190	145
Unit 3	3.86	76.78	180	150
Unit 4	4.01	87.36	188	160
Unit 5	9.86	177.16	465	382
Total	21.74	425.06		
Nasik				
Unit 3	0.00	58.04	0	0
Unit 4	3.96	82.50	185	157
Unit 5	4.00	21.78	181	156
Total	7.96	162.32		
Uran				
All Units	7.06	137.49	306	277
Total	7.06	137.49		
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)	0.02	1.73	14	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	1.73		
Koyna				
Stage 1-2	0.00	28.60	0	0
Stage 4	0.00	12.56	0	0
Stage 3	0.00	9.46	0	0
Total	0.00	50.61		
Hydro				
KDPH	0.22	11.75	19	0
VTRNA	0.51	9.49	60	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	3.38	80	0
RNGR+BHTSA	0.36	7.91	16	15
BHANDARDRA	0.00	4.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.11	4.13	14	2
GHATGHAR	0.00	6.96	0	0
Total	1.42	48.25		
Wind				
Total	7.70	140.88	0	0
Total	7.70	140.88		
CPP				
APML(Mus)	70.62	1413.39	0	0
JSWEL(Mus)	22.08	519.52	0	0
VIPL(Mus)	10.00	137.08	0	0
RPLAMT(Mus)	10.37	155.71	0	0
WPCL(Mus)	4.84	88.75	0	0
Other(Mus)	13.56	281.74	0	0
Total	131.47	2596.20		
SOLAR				
Total	4.97	113.22	0	0
Total	4.97	113.22		
Tata				
Trombay 5	7.41	177.13	317	302
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	58.31	117	115
Trombay 7B	1.61	33.41	68	66
Trombay 8	4.85	99.74	221	197
TATA Hydro	2.95	69.14	272	0
Total	19.62	437.74		
R-INFRA				
DTPS U-1&2	9.01	204.81	377	374
Total	9.01	204.81		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	142.66	2750.66	MSPGCL Total	151.13	2987.01
			MSPGCL Thml+Gas	149.72	2888.15	Koyna 1,2 & 4 Total	0.00	41.16
			MSPGCL Hydro	1.42	98.87	State Total	323.90	6479.86

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 21/Nov/2018

Annexure-2

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	5506	38	293	5836	158	4929	0	0	4882	4517	-1221	14220	0	14220	2293	16512	49.99
2	5490	38	303	5830	128	4941	0	0	4624	4740	-1049	14590	0	14590	2121	16712	49.94
3	5492	38	305	5834	128	5091	0	0	4840	4762	-927	14888	0	14888	2003	16892	49.97
4	5469	36	305	5810	179	5161	0	0	4826	4634	-849	14936	0	14936	1923	16858	49.98
5	5617	36	305	5958	202	5175	0	0	4888	4872	-828	15380	0	15380	1902	17282	49.98
6	5842	36	296	6174	291	5295	0	0	5003	4889	-893	15756	0	15756	1971	17728	49.99
7	5880	36	306	6222	299	5752	0	17	5295	5302	-970	16622	0	16622	2046	18668	50.02
8	5966	86	306	6358	321	5875	0	119	5795	5528	-1030	17170	0	17170	2153	19324	50.00
9	6146	96	303	6546	256	5916	0	382	5772	5915	-1298	17716	0	17716	2439	20156	49.96
10	6159	114	299	6572	270	5866	0	562	5987	5812	-1493	17590	0	17590	2752	20342	49.90
11	6293	148	284	6724	303	5790	0	697	6733	6304	-1645	18174	0	18174	2952	21126	49.97
12	6268	110	282	6660	365	5644	0	771	6705	6270	-1699	18010	0	18010	3011	21022	49.97
13	6278	88	279	6645	284	5606	0	687	6254	6063	-1640	17645	0	17645	2979	20624	49.95
14	6152	87	278	6517	282	5609	0	669	6043	6072	-1547	17602	0	17602	2880	20482	49.98
15	6183	76	277	6536	323	5620	0	520	5965	6043	-1616	17426	0	17426	2924	20350	49.95
16	6183	55	279	6517	321	5741	0	363	5652	5734	-1649	17027	0	17027	2939	19966	49.97
17	6325	80	293	6698	300	5892	0	159	5118	5140	-1570	16619	0	16619	2887	19506	50.00
18	6318	97	282	6697	231	5933	0	20	4871	4628	-1491	16018	0	16018	2826	18844	49.96
19	6287	37	286	6610	234	5991	0	0	5295	5142	-1533	16444	0	16444	2875	19319	49.99
20	6123	17	298	6438	329	5791	0	0	5460	4849	-1472	15935	0	15935	2778	18713	50.02
21	5739	17	292	6048	543	5455	0	0	5299	4728	-1498	15276	0	15276	2644	17920	50.00
22	5640	17	303	5960	588	4903	0	0	4929	4682	-1450	14683	0	14683	2547	17230	50.00
23	5629	17	302	5948	665	4762	0	0	4477	4660	-1393	14642	0	14642	2474	17116	49.96
24	5671	17	304	5992	696	4734	0	0	4427	4272	-1357	14337	0	14337	2429	16766	49.97
MUs	142.66	1.42	7.06	151.13	7.70	131.47	0.00	4.97	129.14	125.56	-32.12	388.71	0.00	388.71	60.75	449.46	49.98

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 21/Nov/2018

Position as on 6.30 Hrs of 22/Nov/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	Coal Swapping IEPL	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
MSPGCL	Koradi Unit 7	210	03/08/2018	15.54		Continued.	Poor Coal Receipt.	
MSPGCL	Khaparkhedda Unit 1	210	11/08/2018	23.57		Continued.	Poor coal Receipt	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn due to B0 & U-7	
MSPGCL	Paras Unit 3	250	15/09/2018	00.55		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-5	270	21/09/2018	00.05		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-3	270	25/09/2018	0.00		Continued.	Poor Coal Receipt	
MSPGCL	Parli Unit 7	250	19/10/2018	00.23		Continued.	Poor Coal Receipt.	
MSPGCL	Nasik Unit 3	210	16/11/2018	16.55		Continued.	Withdrawn against dhariwal U-1	
MSPGCL	Nasik Unit 5	210	22/11/2018	03.50		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Nov/2018

Statement-VII

Position as on 6.30 Hrs of 22/Nov/2018

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 1	IntraState	19/11/2018	09.07		Continued.	PO	Annual outage for year 2018-19
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	20/11/2018	17.26	21/11/2018	11.16	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	21/11/2018	17.10		Continued.	HT	Over Voltage
Dabhol Nagothane II	InterState	21/11/2018	17.11		Continued.	T	Distance Protection R-PHASE, 5.46.KA,58KM From Nagothane.
Bhusawal-Aurangabad	IntraState	20/11/2018	19.16	21/11/2018	08.05	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	21/11/2018	19.29		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	12/11/2018	18.48		Continued.	HT	Emergency hand tripped due to heavy oil leakage
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential protection
400/220KV 500MVA ICT 2@koradi 2	IntraState	21/11/2018	07.28	21/11/2018	12.39	PO	Insulation Coating On Tertiary Side Equipments.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Solapur(PG)- Jeur	InterState	21/11/2018	10.09	21/11/2018	12.30	PO	Replacement Of Jumper of R PH CT To isolator.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	For Bunching Of Conductor at Loc No.86 Disconnecting Of jumper at Loc No.86 to 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To control line loading.
Kalwa 52B Interconnector CB	IntraState	16/10/2018	08.28		Continued.	HT	Interconnector open.
Uran - Kharghar 2	IntraState	13/11/2018	10.31	21/11/2018	19.06	PO	New Inline Tower Erection work
Padgha-Temghar-II	IntraState	20/11/2018	22.54	21/11/2018	02.55	EO	Replacement of Y Phase CT Damage conductor
Padghe - Nalasopara	IntraState	21/11/2018	08.53	21/11/2018	18.48	PO	Cold Washing Work.
Mumewadi -Halkarni I	IntraState	21/11/2018	10.05	21/11/2018	13.40	PO	Relay Testing Work.
Beed-Manjarsumba	IntraState	21/11/2018	10.12	21/11/2018	14.38	PO	Routine Maintenance Work
BHALVANI VARKUTI MALWADI	IntraState	21/11/2018	10.50	21/11/2018	13.00	PO	Quarterly Maintainance Work
Halkarni-Mahalaxmiline	IntraState	21/11/2018	14.34	21/11/2018	15.58	PO	Annual Relay Testing Work & Quarterly Maintenance Work.
Mahad - Pedambe	IntraState	21/11/2018	16.02	21/11/2018	16.38	T	Distance Protection From Pedambe End Y PH TO ground.0.982KA, 78.4KM From
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Emco Ict 2 @Ambazari	IntraState	21/11/2018	14.09	21/11/2018	15.22	PO	LV Breaker Compressor Overhauling Work.
132 KV LINE Outages/Trippings							
Umri - Kundalwadi	IntraState	21/11/2018	04.05	21/11/2018	04.25	T	Backup Protection Operated O/C & E/F On Both Side.

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