

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Nov/2018 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	146.000	3843.528	1) Gujrat	-3.038	-49.392
2) Hydro	4.028	120.308	2) Madhya Pradesh	8.001	306.049
3) Gas	7.150	194.218	3) Chattisgarh	5.970	194.360
Total MSPGCL	157.178	4158.054	4) Maharashtra Net	105.775	3456.622
B) 1) APML	68.765	1970.458	5) Goa (Amona)	-0.176	-12.848
2) JSWEL	17.072	695.792	Total	116.532	3894.791
3) VIPL	10.580	220.254	a) Mumbai Schedule	21.856	625.196
4) RPL(AMT)	10.580	237.948	b) Mumbai Drawl	28.011	828.019
5) WPCL	2.040	118.202	c) MSEDCL Bilateral *	27.586	1210.257
6) PGPL	0.000	0.000	Include PX	-0.762	269.252
7) Other IPP	16.108	406.521	d) Mumbai Bilateral *	21.856	613.011
C) 1) TPCL Thermal	12.485	377.736	Include PX	1.120	107.326
2) TPCL Hydro	3.418	93.061	Include Standby	0.000	12.185
3) TPCL Gas	4.420	127.069	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.651	280.099	1) MSEDCL	384.479	11266.730
D) STATE			2) Mumbai Discoms	57.985	1705.979
1) Thermal	293.281	8150.538	TOTAL STATE	442.464	12972.709
(A1+C1+C4+(B1-B6))					
2) Hydro	7.446	213.369			
(A2+C2)					
3) Gas	11.570	321.287			
(A3+B6+C3)					
4) Wind	7.528	234.550			
6) SOLAR	6.107	158.179			
TOTAL STATE	325.932	9077.923			

* 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	6609	6609	6469	5272
MSPGCL Hydro	270	270	258	80
MSPGCL Gas	288	281	297	309
MSPGCL Total Generation	7168	7160	7024	5660
Central Sector Receipt	5953	5317	4897	4025
WIND	464	336	396	382
CPP / IPP Thermal	5860	5759	5622	4452
CPP / IPP Gas	0	0	0	0
SOLAR	852	907	0	0
Exchange with Mumbai	-1390	-1468	-1484	-1043
MSEDCL DEMAND MET	18906	18012	16456	13476
Load Shedding	0	0	0	0
MSEDCL DEMAND	18906	18012	16456	13476
TPCL GENERATION	972	974	962	701
R-INFRA GENERATION	502	451	374	374
MUMBAI DEMAND	2864	2893	2820	2118
STATE DEMAND MET	21770	20904	19276	15594
STATE DEMAND	21770	20904	19276	15594
Frequency (Hz)	49.95	49.96	50.01	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 22.01 Hrs	49.73 Hz at 17.15 Hrs	49.94	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 29/Nov/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.29	28.72	151	118
Unit 7	0.00	0.00	0	0
Unit 8	7.46	210.44	351	232
Unit 9	6.78	221.86	351	250
Unit 10	7.67	222.84	355	300
Total	25.19	683.87		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.88	259.15	500	350
Unit 5	9.62	256.90	480	350
Total	19.50	516.05		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.34	142.46	250	197
Unit 7	0.53	0.53	83	0
Unit 8	5.06	142.64	242	194
Total	10.92	285.63		
Chandrapur				
Unit 3	4.20	62.65	185	162
Unit 4	4.23	30.76	191	164
Unit 5	9.22	272.78	410	349
Unit 6	9.89	251.12	455	355
Unit 7	9.55	276.41	443	361
Unit 8	9.73	247.91	447	360
Unit 9	8.35	257.91	440	0
Total	55.17	1399.54		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.43	139.17	252	190
Total	5.43	139.17		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.03	115.74	190	160
Unit 3	4.13	108.80	194	160
Unit 4	4.47	120.83	210	160
Unit 5	9.02	253.66	500	0
Total	21.65	599.03		
Nasik				
Unit 3	4.06	83.36	191	158
Unit 4	4.09	114.50	195	159
Unit 5	0.00	22.37	0	0
Total	8.14	220.23		
Uran				
All Units	7.15	194.22	312	278
Total	7.15	194.22		
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	2.17	21	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	2.17		
Koyna				
Stage 1-2	1.03	32.38	55	40
Stage 4	0.00	12.56	0	0
Stage 3	0.25	10.43	80	0
Total	1.28	55.36		
Hydro				
KDPH	0.44	14.99	19	19
VTRNA	0.52	13.31	61	0
TILLARI	0.00	1.37	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.15	4.47	63	0
RNGR+BHTSA	0.34	10.45	14	14
BHANDARDRA	0.00	4.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.11	4.74	13	2
GHATGHAR	1.19	10.98	125	0
Total	2.75	64.95		
Wind				
Total	7.53	234.55	0	0
Total	7.53	234.55		
CPP				
APML(Mus)	68.76	1970.46	0	0
JSWEL(Mus)	17.07	695.79	0	0
VIPL(Mus)	10.58	220.25	0	0
RPLAMT(Mus)	10.58	237.95	0	0
WPCL(Mus)	2.04	118.20	0	0
Other(Mus)	16.11	406.52	0	0
Total	125.14	3649.18		
SOLAR				
Total	6.11	158.18	0	0
Total	6.11	158.18		
Tata				
Trombay 5	7.54	238.85	345	306
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	80.74	118	116
Trombay 7B	1.62	46.33	68	66
Trombay 8	4.95	138.89	223	202
TATA Hydro	3.42	93.06	359	0
Total	20.32	597.87		
R-INFRA				
DTPS U-1&2	9.65	280.10	502	374
Total	9.65	280.10		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	146.00	3843.53	MSPGCL Total	157.18	4158.05
			MSPGCL Thml+Gas	153.15	4037.75	Koyna 1,2 & 4 Total	0.54	44.44
			MSPGCL Hydro	4.03	120.31	State Total	325.93	9077.92

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 29/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	5272	80	309	5660	382	4452	0	0	4026	4025	-1043	13476	0	13476	2118	15594	49.99
2	5330	74	308	5712	333	4450	0	0	3948	4069	-815	13749	0	13749	1952	15701	49.95
3	5343	74	309	5726	238	4474	0	0	4111	4438	-764	14112	0	14112	1836	15948	49.90
4	5461	74	309	5844	228	4491	0	0	4308	4362	-685	14240	0	14240	1756	15996	49.87
5	5524	74	310	5908	210	4643	0	0	4704	4704	-663	14802	0	14802	1734	16536	49.91
6	5826	74	311	6212	216	4938	0	0	5015	5290	-757	15898	0	15898	1828	17726	49.85
7	6480	80	311	6870	299	5409	0	11	5349	5016	-793	16812	0	16812	1973	18786	49.91
8	6631	130	312	7072	349	5653	0	154	5260	5357	-884	17702	0	17702	2104	19806	49.91
9	6633	134	309	7076	295	5758	0	423	5251	5415	-1102	17866	0	17866	2374	20240	49.89
10	6617	276	302	7194	415	5853	0	678	5319	5492	-1252	18380	0	18380	2668	21048	49.95
11	6609	270	288	7168	464	5860	0	852	5685	5953	-1390	18906	0	18906	2864	21770	49.95
12	6647	270	285	7202	425	5849	0	856	5841	5466	-1448	18350	0	18350	2923	21274	49.98
13	6609	270	281	7160	336	5759	0	907	5591	5317	-1468	18012	0	18012	2893	20904	49.96
14	6545	272	281	7098	278	5611	0	854	5205	5386	-1418	17808	0	17808	2755	20564	50.01
15	6493	260	280	7034	203	5602	0	666	5393	5371	-1433	17442	0	17442	2798	20240	49.94
16	6444	250	278	6972	172	5610	0	497	5112	4936	-1467	16720	0	16720	2813	19532	49.89
17	6392	216	282	6890	187	5544	0	191	4873	4857	-1364	16304	0	16304	2799	19104	49.89
18	6459	310	283	7052	250	5614	0	18	4607	4502	-1441	15994	0	15994	2777	18772	49.92
19	6469	258	297	7024	396	5622	0	0	4853	4897	-1484	16456	0	16456	2820	19276	50.01
20	5920	224	290	6434	369	5261	0	0	4786	4697	-1462	15298	0	15298	2719	18018	50.01
21	5761	120	303	6184	423	4867	0	0	4629	4729	-1421	14782	0	14782	2599	17382	49.99
22	5496	80	294	5870	424	4581	0	0	4345	4402	-1278	14000	0	14000	2424	16424	50.02
23	5548	76	309	5932	317	4609	0	0	4071	3922	-1170	13610	0	13610	2316	15926	49.96
24	5491	80	309	5880	319	4635	0	0	3995	3929	-1009	13754	0	13754	2142	15896	50.01
MUs	146.00	4.03	7.15	157.18	7.53	125.14	0.00	6.11	116.28	116.53	-28.01	384.48	0.00	384.48	57.98	442.46	49.94

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 29/Nov/2018

Position as on 6.30 Hrs of 30/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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Bhusawal Unit 3	210	21/05/2018	18.46	30/11/2018	07.44	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	Khaparkheda 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	29/11/2018	15.10	Poor Coal Receipt.	
MSPGCL	Nasik Unit 5	210	22/11/2018	03.50		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 9	500	25/11/2018	23.25	29/11/2018	01.20	Boiler Tube Leakage	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
IPP	JSW (J) U1	300	28/11/2018	18.47		Continued.	Condenser Tube Leakage.	
MSPGCL	Khaparkheda Unit 5	500	29/11/2018	20.48	30/11/2018	23.49	Shaft Vibration High	
MSPGCL	Parli Unit 7	250	30/11/2018	02.30	30/11/2018	20.26	Boiler side Aux.water problem	
MSPGCL	Chandrapur Unit 6	500	30/11/2018	19.58		Continued.	Main stream line drain heart leakage.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 29/Nov/2018

Statement-VII

Position as on 6.30 Hrs of 30/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	29/11/2018	22.32	30/11/2018	01.19	PO	Electrode Jumpering Work.
Chandrapur - Padghe Hvdc Pole 2	IntraState	29/11/2018	22.32	30/11/2018	01.19	PO	Electrode Jumping Work.
Chandrapur - Padghe Hvdc Pole 2	IntraState	30/11/2018	07.39		Continued.	PO	Annual Maintenance Work
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	28/11/2018	17.56	29/11/2018	05.49	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	29/11/2018	17.06	30/11/2018	07.36	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	30/11/2018	17.00		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	28/11/2018	17.49	29/11/2018	07.27	HT	Over Voltage
Deepnagar Taptitanda	IntraState	29/11/2018	08.29	29/11/2018	18.42	PO	Line Maintenance work
Chandrapur-II - Nanded ckt II	IntraState	29/11/2018	11.38	29/11/2018	17.55	PO	Routine Maintenance Work
Bhusawal-Aurangabad	IntraState	29/11/2018	18.48	30/11/2018	07.24	HT	Over Voltage
Deepnagar Taptitanda	IntraState	30/11/2018	07.46	30/11/2018	13.45	PO	Replacement Of Dead & Mid Span Joint.
Pune(GIS)-A'bad(Waluj) Ckt 1	IntraState	30/11/2018	11.05	30/11/2018	11.44	T	Taking Line Out For Removal Of Line Reactor.
Main Bus II @ Akola 2	IntraState	30/11/2018	11.34	30/11/2018	16.10	PO	On Line Pid Work.
Pune(GIS)-A'bad(Waluj) Ckt 1	IntraState	30/11/2018	15.37	30/11/2018	17.26	HT	Taking Line Out For Charging In Line Reactor.
Khadka-Aurangabad (Waluj)	IntraState	30/11/2018	17.52		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
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	25/11/2018	00.54		Continued.	T	Differential protection Bucholz, REF. PRV. CTR Relay.
400/220/33kv 315MVA ICT2 @Lonikand	IntraState	29/11/2018	09.46	29/11/2018	21.21	PO	Testing Work
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.
Nasik Navsari II	InterState	28/11/2018	16.18		Continued.	PO	Relay Replacement At Navsari End.
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.
Padgha-Temghar-II	IntraState	25/11/2018	10.43		Continued.	HT	To Control ICT Loading At Padghe.
Padgha - Temghar I	IntraState	25/11/2018	10.43		Continued.	HT	To Control ICT Loading At Padghe.
Kalwa-TIFIL	IntraState	27/11/2018	06.06		Continued.	EO	Tapping Of Tifil Substation On 220KV Kharghar-Borivali Line
Kalwa - Siemens	IntraState	27/11/2018	13.13		Continued.	HT	To Shift Load On Kharghar ICT
Nanded - Parli Ext. Ckt I	IntraState	28/11/2018	05.21		Continued.	HT	TO CONTROL NANDED-NANDED CKT LOADING.
Uran - Kharghar 2	IntraState	28/11/2018	15.02		Continued.	PO	Replacement Of Old Conductor At Metro Crossing.
Pophali - Kdph	IntraState	29/11/2018	08.10	29/11/2018	17.40	PO	To attend Oil Leakage of R Phase CT
Lonikand (400 Kv)-Theur I	IntraState	29/11/2018	09.13	29/11/2018	16.04	PO	Fixing of Repair Sleeve

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 29/Nov/2018

Statement-VII

Position as on 6.30 Hrs of 30/Nov/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Centuri Enka- Bhosari	IntraState	29/11/2018	10.23	29/11/2018	18.56	PO	Testing Work
Hinganghat - Hinganghat Rly TSS 1	IntraState	29/11/2018	11.38	29/11/2018	17.55	PO	Tan Delta Measurment of CTs
Gadchandur - Virur-li	IntraState	29/11/2018	11.38	29/11/2018	17.55	PO	Routine Maintenance Work
Mururd - Tuljapur	IntraState	29/11/2018	11.50	29/11/2018	13.00	PO	Tan Delta Measurment of CTs
Hinganghat - Hinganghat Rly TSS-2	IntraState	29/11/2018	11.50	29/11/2018	13.00	PO	Tan Delta Measurment of CTs
Solapur(Bale) - Tuljapur	IntraState	29/11/2018	14.15	29/11/2018	16.15	PO	Tan Delta Measurment of CTs
Kadegaon-Miraj	IntraState	29/11/2018	16.20	29/11/2018	16.55	PO	Nut Bolt Tightening work
Jambhul - Anandnagar	IntraState	30/11/2018	07.09	30/11/2018	08.21	PO	Jumper Removing From 29C Isolator To CT For Replacement Of 29C Isolator Rusted Pole Work.
Kanhan-Umred 1	IntraState	30/11/2018	09.58	30/11/2018	14.38	PO	Measurement of Tan Delta of CTs and CCs.
Koradi-Ambazari-I	IntraState	30/11/2018	10.06	30/11/2018	17.52	PO	Routine Maintenance Work
Waluj - Chitegaon li	IntraState	30/11/2018	10.26	30/11/2018	15.15	PO	Routine Maintenance Work
ALEPHATA UTECH SUGAR	IntraState	30/11/2018	11.08	30/11/2018	16.35	PO	Replacement Of R-PH Flashedover Insulator String At LOC No. 228.
Hingoli- Girawali	IntraState	30/11/2018	15.07	30/11/2018	17.39	PO	Measurement of CB timing and CRM.
Jambhul - Anandnagar	IntraState	30/11/2018	15.25	30/11/2018	17.04	PO	Jumper Reoving From 29C Isolator To CT For Replacement Of 29C Isolator Rusted Pole Work.
Pandharpur - Malinagar	IntraState	30/11/2018	16.15	30/11/2018	19.17	PO	Attending Air Leakage Of CB
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Bbl Ptr 4 @Phursungi	IntraState	29/11/2018	09.22	29/11/2018	18.00	PO	Testing Work
220/132 Kv 150 Mva Cgl Ict 3 @Eklahre (Ocr)	IntraState	29/11/2018	10.02	29/11/2018	15.59	PO	Testing Work
220/132 Kv 200 Mva Bbl Ict 1 @Kalmeshwar	IntraState	29/11/2018	11.02	29/11/2018	16.40	PO	Tan Delta Measurment of CTs
220/132 kV 200 Mva ICT-II @Boisar -li	IntraState	30/11/2018	07.44	30/11/2018	18.32	PO	Diagnostic Testing Work.
220/100 Kv 200 Mva Aval Ict 2 @Taloja	IntraState	30/11/2018	10.16	30/11/2018	16.11	EO	Attending Hot Spot And Trip Coil Replacement.
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	30/11/2018	12.20	30/11/2018	16.42	PO	Attending PNRV Problem.
220/132 Kv 100 Mva Ict 1 @Paranda	IntraState	30/11/2018	12.25	30/11/2018	15.40	PO	Measurement of Tan Delta of ICT.
220/132 Kv 100 Mva Ict 2 @Paranda	IntraState	30/11/2018	15.55	30/11/2018	19.10	PO	Measurement of Tan Delta of ICT Bushings.

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