

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Nov/2018 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	134.082	1965.496	1) Gujrat	-0.195	-24.131
2) Hydro	3.254	81.753	2) Madhya Pradesh	8.360	158.912
3) Gas	7.138	94.636	3) Chattisgarh	6.860	103.110
Total MSPGCL	144.474	2141.885	4) Maharashtra Net	121.267	1933.898
B) 1) APML	67.412	983.081	5) Goa (Amona)	-0.418	-6.820
2) JSWEL	23.806	380.903	Total	135.874	2164.969
3) VIPL	5.180	81.901	a) Mumbai Schedule	18.502	324.184
4) RPL(AMT)	9.611	88.307	b) Mumbai Drawl	30.256	431.049
5) WPCL	4.455	73.220	c) MSEDCL Bilateral *	41.374	739.222
6) PGPL	0.000	0.000	Include PX	9.141	214.030
7) Other IPP	14.386	191.922	d) Mumbai Bilateral *	18.502	313.631
C) 1) TPCL Thermal	12.436	202.828	Include PX	3.628	82.948
2) TPCL Hydro	3.382	48.924	Include Standby	0.000	10.553
3) TPCL Gas	4.408	65.242	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.165	144.944	1) MSEDCL	392.962	5860.398
D) STATE			2) Mumbai Discoms	59.644	892.986
1) Thermal	280.533	4112.602	TOTAL STATE	452.606	6753.384
(A1+C1+C4+(B1-B6))					
2) Hydro	6.636	130.677			
(A2+C2)					
3) Gas	11.546	159.878			
(A3+B6+C3)					
4) Wind	12.165	101.975			
6) SOLAR	5.855	83.284			
TOTAL STATE	316.735	4588.416			

* 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 1 Hrs
MSPGCL Thermal	5812	5625	5883	5322
MSPGCL Hydro	232	237	112	87
MSPGCL Gas	284	283	298	306
MSPGCL Total Generation	6328	6145	6293	5715
Central Sector Receipt	7411	6793	5711	4430
WIND	727	758	269	412
CPP / IPP Thermal	5615	5539	5631	4696
CPP / IPP Gas	0	0	0	0
SOLAR	823	832	0	0
Exchange with Mumbai	-1652	-1647	-1561	-1114
MSEDCL DEMAND MET	19252	18420	16343	14139
Load Shedding	0	0	0	0
MSEDCL DEMAND	19252	18420	16343	14139
TPCL GENERATION	976	958	977	693
R-INFRA GENERATION	376	375	375	373
MUMBAI DEMAND	3004	2980	2913	2180
STATE DEMAND MET	22256	21400	19256	16319
STATE DEMAND	22256	21400	19256	16319
Frequency (Hz)	49.98	50.02	49.99	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.02 Hz at 13.00 Hrs	49.87 Hz at 16.00 Hrs	49.96	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 15/Nov/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	2.82	0	0
Unit 7	0.00	0.00	0	0
Unit 8	7.16	112.81	303	268
Unit 9	7.22	121.13	306	300
Unit 10	7.20	118.69	303	296
Total	21.59	355.46		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.40	128.86	355	320
Unit 5	8.40	127.72	355	340
Total	16.80	256.57		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.06	68.87	250	190
Unit 7	0.00	0.00	0	0
Unit 8	4.92	71.66	250	184
Total	9.98	140.54		
Chandrapur				
Unit 3	3.90	4.14	186	142
Unit 4	0.00	0.00	0	0
Unit 5	9.14	140.13	410	351
Unit 6	9.10	144.08	405	345
Unit 7	9.29	140.90	425	355
Unit 8	9.78	145.00	450	360
Unit 9	9.65	148.53	438	360
Total	50.87	722.78		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.07	75.41	250	175
Total	5.07	75.41		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.02	59.66	185	160
Unit 3	4.09	62.19	185	160
Unit 4	4.05	62.45	194	160
Unit 5	10.04	116.30	480	378
Total	22.20	300.61		
Nasik				
Unit 3	3.73	55.87	160	148
Unit 4	3.84	58.26	165	155
Unit 5	0.00	0.00	0	0
Total	7.58	114.13		
Uran				
All Units	7.14	94.64	310	277
Total	7.14	94.64		
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)	0.07	1.48	36	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	1.48		
Koyna				
Stage 1-2	1.06	24.58	55	40
Stage 4	0.00	12.28	0	0
Stage 3	0.36	8.27	80	0
Total	1.42	45.13		
Hydro				
KDPH	0.44	9.31	19	18
VTRNA	0.45	6.64	60	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	2.48	73	0
RNGR+BHTSA	0.35	5.80	15	14
BHANDARDRA	0.24	4.41	12	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.14	3.53	15	3
GHATGHAR	0.00	4.44	0	0
Total	1.83	36.62		
Wind				
Total	12.16	101.98	0	0
Total	12.16	101.98		
CPP				
APML(Mus)	67.41	983.08	0	0
JSWEL(Mus)	23.81	380.90	0	0
VIPL(Mus)	5.18	81.90	0	0
RPLAMT(Mus)	9.61	88.31	0	0
WPCL(Mus)	4.46	73.22	0	0
Other(Mus)	14.39	191.92	0	0
Total	124.85	1799.33		
SOLAR				
Total	5.86	83.28	0	0
Total	5.86	83.28		
Tata				
Trombay 5	7.54	126.84	318	310
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	41.48	118	114
Trombay 7B	1.60	23.76	68	66
Trombay 8	4.90	75.99	224	201
TATA Hydro	3.38	48.92	450	0
Total	20.23	316.99		
R-INFRA				
DTPS U-1&2	9.16	144.94	468	372
Total	9.16	144.94		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	134.08	1965.50	MSPGCL Total	144.47	2141.88
			MSPGCL Thml+Gas	141.22	2060.13	Koyna 1,2 & 4 Total	1.06	36.86
			MSPGCL Hydro	3.25	81.75	State Total	316.74	4588.42

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 15/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	5322	87	306	5715	412	4696	0	0	4877	4430	-1114	14139	0	14139	2180	16319	49.95
2	5323	97	307	5727	442	4593	0	0	4609	4719	-943	14538	0	14538	2010	16548	49.91
3	5291	87	308	5686	497	4664	0	0	4691	4737	-823	14761	0	14761	1896	16657	49.96
4	5309	92	308	5709	507	4656	0	0	4738	4696	-744	14824	0	14824	1814	16638	49.98
5	5326	92	308	5726	612	4815	0	0	4902	4924	-726	15351	0	15351	1793	17144	50.00
6	5497	92	310	5899	612	5107	0	0	5211	5495	-793	16320	0	16320	1862	18182	49.97
7	5885	87	309	6281	635	5563	0	9	5851	5174	-874	16788	0	16788	1946	18734	49.94
8	5915	121	310	6346	441	5579	0	153	5894	6044	-1036	17527	0	17527	2104	19631	49.97
9	5959	153	308	6420	393	5632	0	432	6255	6254	-1235	17896	0	17896	2400	20296	49.94
10	5899	204	303	6406	470	5836	0	643	6622	6522	-1394	18483	0	18483	2734	21217	49.92
11	5881	241	289	6411	607	5808	0	817	7536	7164	-1565	19242	0	19242	2961	22203	49.98
12	5812	232	284	6328	727	5615	0	823	7469	7411	-1652	19252	0	19252	3004	22256	49.98
13	5625	237	283	6145	758	5539	0	832	7266	6793	-1647	18420	0	18420	2980	21400	50.02
14	5611	240	279	6130	596	5230	0	785	6954	6922	-1547	18116	0	18116	2879	20995	49.98
15	5587	244	277	6108	495	5041	0	656	6897	7030	-1493	17837	0	17837	2919	20756	49.88
16	5605	111	279	5995	374	5196	0	447	6466	6358	-1487	16883	0	16883	2947	19830	49.87
17	5644	89	291	6024	323	5466	0	226	5873	6009	-1400	16648	0	16648	2929	19577	49.89
18	5689	94	283	6066	284	5495	0	32	5692	5682	-1548	16011	0	16011	2883	18894	49.87
19	5883	112	298	6293	269	5631	0	0	5751	5711	-1561	16343	0	16343	2913	19256	49.99
20	5679	161	289	6129	276	5484	0	0	5790	5336	-1526	15699	0	15699	2805	18504	50.02
21	5333	99	301	5733	384	5101	0	0	5555	5234	-1427	15025	0	15025	2628	17653	49.99
22	5337	94	296	5727	518	4817	0	0	5167	4790	-1302	14550	0	14550	2458	17008	50.01
23	5343	94	304	5741	759	4654	0	0	4325	4254	-1243	14165	0	14165	2346	16511	49.99
24	5327	94	308	5729	774	4634	0	0	4240	4185	-1176	14146	0	14146	2256	16402	49.99
MUs	134.08	3.25	7.14	144.47	12.16	124.85	0.00	5.85	138.63	135.87	-30.26	392.96	0.00	392.96	59.65	452.61	49.96

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/Nov/2018

Position as on 6.30 Hrs of 16/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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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-1	270	22/09/2018	00.00	15/11/2018	00.01	Poor Coal Receipt	
IPP	RPL(AMT) U-3	270	25/09/2018	0.00		Continued.	Poor Coal Receipt	
IPP	VIPL U-1	300	17/10/2018	12.30		Continued.	Poor Coal Receipt	
MSPGCL	Parli Unit 7	250	19/10/2018	00.23		Continued.	Poor Coal Receipt.	
MSPGCL	Nasik Unit 5	210	26/10/2018	12.15		Continued.	Coal Swapping with DIL.	
MSPGCL	Chandrapur Unit 4	210	04/11/2018	18.45		Continued.	Poor Coal Receipt	
MSPGCL	Koradi Unit 6	210	11/11/2018	19.58		Continued.	Unit Auxiliary Transformer Bus Trip.	
MSPGCL	Paras Unit 4	250	16/11/2018	00.00		Continued.	Boiler Tube Leakage	
IPP	SWPGL U-2	135	16/11/2018	00.00		Continued.	No PPA	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/Nov/2018

Statement-VII

Position as on 6.30 Hrs of 16/Nov/2018

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 Khandwa II	InterState	14/11/2018	17.44	15/11/2018	05.59	PO	Taking PLCC Panel Trial.
Dhule Sar'Sarovar II	InterState	14/11/2018	21.34		Continued.	HT	Over Voltage
Dhule Khandwa II	InterState	15/11/2018	13.51		Continued.	PO	Line outage required for end to end checking
Khadka-Aurangabad (Waluj)	IntraState	10/11/2018	13:38		Continued.	T	Bus Reactor caught Fire and Control Cable Burnt.
N.Koyna-Karad -Ckt II	IntraState	14/11/2018	11.50	15/11/2018	10.23	PO	Bay maintenance work
Nagothane - Dabhol-II	IntraState	15/11/2018	08.23	15/11/2018	20.45	PO	Cold Washing and Insulator string replacement
Chandrapur - Khaperkheda	IntraState	15/11/2018	11.16	15/11/2018	19.15	PO	Replacement of Faulty Disc Insulator
Girwali - Lonikand 1	IntraState	15/11/2018	11.20	15/11/2018	19.38	PO	Half yearly maintenance work
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 & high tan delta value
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential protection
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.
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		Continued.	PO	New Inline Tower Erection work
Kharghar-Borivali ckt I	IntraState	15/11/2018	08.38	15/11/2018	19.04	PO	R Phase LA Replacement work
Kandalgaon - Pirangut	IntraState	15/11/2018	09.13	15/11/2018	18.05	PO	Replacement of Nut Bolt
Mahad - Pedambe	IntraState	15/11/2018	09.20	15/11/2018	18.54	PO	Insulator washing work
Halkarni-Mahalaxmiline	IntraState	15/11/2018	11.05	15/11/2018	13.12	EO	To attend Hot Spot
Butibori - Khaperkheda	IntraState	15/11/2018	11.27	15/11/2018	16.22	PO	Tan Delta Measurment of CTs
Uran - Jnpt	IntraState	15/11/2018	11.55	15/11/2018	14.14	PO	Changing Conductor and Palm Clamp
Talandge-Hamidwada	IntraState	15/11/2018	12.22	15/11/2018	14.58	EO	To attend Hot Spot
Pusad-WardhaPG(Deoli)	IntraState	15/11/2018	12.57	15/11/2018	17.31	PO	Replacement of Broken and Flashover Disc Insulator
220 KV ICT Outages/Trippings							
220/132 KV 100MVA ICT-I @ Walchandnagar	IntraState	15/11/2018	10.40	15/11/2018	16.29	PO	Testing Work
220/132 KV 100MVA ICT-II @ Walchandnagar	IntraState	15/11/2018	16.30	15/11/2018	21.04	PO	Testing Work

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