

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 15/Nov/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	117.842	1748.422	1) Gujrat	-1.669	-10.201
2) Hydro	7.896	139.141	2) Madhya Pradesh	9.318	139.113
3) Gas	8.000	150.449	3) Chattisgarh	7.070	108.840
Total MSPGCL	133.738	2038.012	4) Maharashtra Net	131.674	1756.237
B) 1) APML	47.498	842.322	5) Goa (Amona)	-0.924	-11.528
2) JSWEL	23.952	338.166	Total	145.469	1982.461
3) VIPL	12.969	189.378	a) Mumbai Schedule	19.045	298.510
4) RPL(AMT)	11.860	215.359	b) Mumbai Drawl	21.876	378.444
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	47.201	541.911
6) PGPL	0.000	0.000	Include PX	13.841	40.574
7) Other IPP	14.235	127.336	d) Mumbai Bilateral *	19.045	298.510
C) 1) TPCL Thermal	15.380	215.845	Include PX	1.105	32.492
2) TPCL Hydro	3.874	51.422	Include Standby	0.000	0.000
3) TPCL Gas	4.262	62.172	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.877	154.584	1) MSEDCL	375.228	5527.611
D) STATE			2) Mumbai Discoms	56.269	862.474
1) Thermal	254.613	3831.412	TOTAL STATE	431.497	6390.085
(A1+C1+C4+(B1-B6))					
2) Hydro	11.770	190.563			
(A2+C2)					
3) Gas	12.262	212.621			
(A3+B6+C3)					
4) Wind	4.313	122.597			
6) SOLAR	3.070	50.424			
TOTAL STATE	286.028	4407.617			

* 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	5087	5088	5204	4274
MSPGCL Hydro	353	301	987	99
MSPGCL Gas	273	280	291	436
MSPGCL Total Generation	5713	5669	6482	4809
Central Sector Receipt	7753	7776	5553	4633
WIND	141	112	151	114
CPP / IPP Thermal	4977	4957	4837	3910
CPP / IPP Gas	0	0	0	0
SOLAR	468	472	0	0
Exchange with Mumbai	-1060	-1124	-1075	-798
MSEDCL DEMAND MET	17992	17862	15948	12668
Load Shedding	0	0	0	0
MSEDCL DEMAND	17992	17862	15948	12668
TPCL GENERATION	1328	1248	1251	699
R-INFRA GENERATION	503	502	503	374
MUMBAI DEMAND	2891	2874	2829	1871
STATE DEMAND MET	20883	20736	18777	14539
STATE DEMAND	20883	20736	18777	14539
Frequency (Hz)	49.94	49.95	49.99	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 06.02 Hrs	49.77 Hz at 06.37 Hrs	49.97	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/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.01	0	0
Unit 8	0.00	46.46	0	0
Unit 9	0.00	118.36	0	0
Unit 10	13.58	170.65	670	420
Total	13.58	335.49		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	8.83	126.85	405	350
Unit 5	8.99	128.12	410	350
Total	17.82	254.97		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.86	5.18	240	134
Unit 7	4.99	10.56	241	180
Unit 8	4.12	61.45	181	163
Total	13.96	77.19		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	3.20	0	0
Unit 6	9.16	136.32	400	342
Unit 7	9.41	144.74	425	355
Unit 8	2.68	121.19	378	0
Unit 9	10.24	113.12	461	334
Total	31.49	518.57		
Paras				
Unit 3	5.58	77.75	250	188
Unit 4	5.64	78.21	254	189
Total	11.23	155.97		
Khaparkheda				
Unit 1	3.48	55.39	155	135
Unit 2	3.60	57.00	165	140
Unit 3	0.00	0.00	0	0
Unit 4	3.89	56.50	181	146
Unit 5	10.13	112.68	450	330
Total	21.10	281.57		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.35	62.51	201	156
Unit 5	4.31	62.16	195	163
Total	8.66	124.67		
Uran				
All Units	8.00	150.45	447	266
Total	8.00	150.45		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.09	2.41	44	0
Total	0.09	2.41		
Koyna				
Stage 1-2	3.74	51.98	460	40
Stage 4	1.42	35.99	435	0
Stage 3	0.94	19.51	160	0
Total	6.10	107.47		
Hydro				
KDPH	0.43	4.85	18	17
VTRNA	0.00	0.28	0	0
TILLARI	0.38	3.80	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	3.19	80	0
RNGR+BHTSA	0.38	5.75	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.52	5.86	22	21
GHATGHAR	0.00	7.94	0	0
Total	1.80	31.67		
Wind				
Total	4.31	122.60	0	0
Total	4.31	122.60		
CPP				
APML(Mus)	47.50	842.32	0	0
JSWEL(Mus)	23.95	338.17	0	0
VIPL(Mus)	12.97	189.38	0	0
RPLAMT(Mus)	11.86	215.36	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	14.24	127.34	0	0
Total	110.51	1712.56		
SOLAR				
Total	3.07	50.42	0	0
Total	3.07	50.42		
Tata				
Trombay 5	9.98	137.33	488	310
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.69	39.05	116	90
Trombay 7B	1.57	23.12	67	59
Trombay 8	5.40	78.52	242	200
TATA Hydro	3.87	51.42	428	0
Total	23.52	329.44		
R-INFRA				
DTPS U-1&2	10.88	154.58	504	374
Total	10.88	154.58		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	117.84	1748.42	MSPGCL Total	133.74	2038.01
			MSPGCL Thml+Gas	125.84	1898.87	Koyna 1,2 & 4 Total	5.16	87.96
			MSPGCL Hydro	7.90	139.14	State Total	286.03	4407.62

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/Nov/2017

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	4274	99	436	4809	114	3910	0	0	4663	4633	-798	12668	0	12668	1871	14539	49.98
2	4350	99	447	4896	171	3954	0	0	5047	4814	-660	13175	0	13175	1730	14905	50.00
3	4625	94	447	5166	115	4089	0	0	5146	5003	-568	13805	0	13805	1639	15444	49.98
4	4709	99	442	5250	113	4237	0	0	5266	5093	-521	14172	0	14172	1589	15761	49.97
5	4720	149	301	5170	130	4372	0	0	5442	5746	-515	14903	0	14903	1584	16487	49.98
6	4794	504	302	5600	127	4590	0	0	5613	6000	-464	15853	0	15853	1706	17559	49.97
7	4807	538	312	5657	225	4859	0	2	6313	6364	-457	16650	0	16650	1869	18519	49.94
8	4825	680	303	5808	228	4879	0	68	6652	6823	-567	17239	0	17239	2029	19268	49.94
9	4936	409	300	5645	192	4917	0	209	6548	6625	-823	16765	0	16765	2290	19055	49.97
10	5006	306	293	5605	182	4926	0	333	6363	6558	-974	16630	0	16630	2600	19230	49.95
11	5049	403	297	5749	175	4970	0	430	6978	7001	-1028	17297	0	17297	2828	20125	49.95
12	5087	353	273	5713	141	4977	0	468	7652	7753	-1060	17992	0	17992	2891	20883	49.94
13	5088	301	280	5669	112	4957	0	472	7776	7776	-1124	17862	0	17862	2874	20736	49.95
14	5082	170	278	5530	78	4800	0	414	7772	7814	-1083	17553	0	17553	2755	20308	49.97
15	5167	401	266	5834	79	4930	0	334	7513	7557	-1048	17686	0	17686	2798	20484	49.92
16	5201	320	277	5798	79	4969	0	230	7518	7572	-1047	17601	0	17601	2841	20442	49.95
17	5248	405	278	5931	93	4854	0	100	7279	7421	-1007	17392	0	17392	2829	20221	49.92
18	5250	754	270	6274	74	4783	0	10	5671	5986	-966	16161	0	16161	2802	18963	49.95
19	5204	987	291	6482	151	4837	0	0	5446	5553	-1075	15948	0	15948	2829	18777	49.99
20	5204	354	311	5869	247	4587	0	0	5664	5528	-1215	15016	0	15016	2697	17713	50.00
21	4930	176	332	5438	357	4371	0	0	5297	5287	-1404	14049	0	14049	2561	16610	50.01
22	4849	100	384	5333	281	4301	0	0	5106	4730	-1319	13326	0	13326	2361	15687	50.03
23	4759	100	440	5299	382	4245	0	0	4841	4189	-1158	12957	0	12957	2221	15178	49.99
24	4678	95	440	5213	467	4197	0	0	3587	3643	-995	12525	0	12525	2075	14600	49.99
MUs	117.84	7.90	8.00	133.74	4.31	110.51	0.00	3.07	145.15	145.47	-21.88	375.23	0.00	375.23	56.27	431.50	49.97

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/2017

Position as on 6.30 Hrs of 16/Nov/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
MSPGCL	Chandrapur Unit 5	500	01/11/2017	09.20		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		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	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Shutdown	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
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	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
CPP	SWPGL U-3	135	26/08/2017	17.40		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
IPP	RPL(AMT) U-3	270	17/09/2017	00.02		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	17/09/2017	02.01		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 3	210	25/10/2017	00.45		Continued.	Boiler tube leakage. Continued due to shortage of water from dt.01/11/17 0:00 hrs	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
MSPGCL	Chandrapur Unit 4	210	29/10/2017	04.45		Continued.	Auxiliary supply failure. Continued due to water shortage from dt. 01/11/17 0:00 hrs.	
MSPGCL	Nasik Unit 3	210	30/10/2017	23.35		Continued.	GOVERNING SYSTEM PROBLEM.(Coal Shortage since 07.11.2017)	
MSPGCL	Bhusawal Unit 3	210	31/10/2017	22.37		Continued.	Coal Shortage	
CPP	SWPGL U-4	135	01/11/2017	00.02		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 15/Nov/2017

Position as on 6.30 Hrs of 16/Nov/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 7	210	01/11/2017	00.05		Continued.	Poor Coal Receipt.	
MSPGCL	Koradi Unit-8	660	07/11/2017	00.06		Continued.	poor coal receipt.	
IPP	RPL(AMT) U-2	270	10/11/2017	00.00		Continued.	Coal Shortage	
IPP	Adani U-1	660	10/11/2017	02.29		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit-8	500	12/11/2017	22.06	15/11/2017	13.42	Boiler Tube Leakage	
MSPGCL	Koradi Unit 9	660	13/11/2017	14.44		Continued.	electrohydraulic oil pressure low.	
MSPGCL	Ghatghar Unit-1	125	13/11/2017	19.45		Continued.	COMPRESSER PROBLEM.	
MSPGCL	Uran Unit 5	108	15/11/2017	04.06	15/11/2017	18.49	filter replacement work.	
MSPGCL	Nasik Unit 5	210	16/11/2017	04.45		Continued.	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 16/Nov/2017

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
Akola Aurangabad(PG) I	InterState	15/11/2017	17.53	15/11/2017	18.12	HT	LINE REACTOR IN SERVICE.
Dhule Sar'Sarovar I	InterState	15/11/2017	18.03		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	14/11/2017	18.01	15/11/2017	09.30	HT	Over Voltage
karad -kolhapur-I	IntraState	14/11/2017	18.02	15/11/2017	08.59	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	14/11/2017	18.42	15/11/2017	08.34	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	14/11/2017	23.57	15/11/2017	06.54	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	15/11/2017	08.53	15/11/2017	20.36	PO	Attending Hot Spot
New Koyna - Dabhol - li	IntraState	15/11/2017	08.56	15/11/2017	18.40	PO	Cold Washing & Insulator Replacement.
Chandrapur II - Chandrapur ckt 2	IntraState	15/11/2017	10.05		Continued.	PO	Attending Hot Spot
Karad-Jaigad - I	IntraState	15/11/2017	17.25		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	15/11/2017	18.08		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	15/11/2017	18.47		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
765/400KV 1500MVA ICT-II @ Koradi-III	IntraState	15/11/2017	14.25	15/11/2017	18.46	PO	CVT Replacement 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.
Boiser(M)-Boiser(PG) -III	InterState	14/11/2017	20.10	15/11/2017	13.55	PO	Taken On TBC B Phase Jumper Open.
Boisar Tarapur	InterState	15/11/2017	08.56	15/11/2017	19.17	PO	Work At Tarapur 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	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12.23		Continued.	T	Distance Protection Ry phase fault, 36KA practice in progress fault clear near borivali end.
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	B Phase CT Burst at Pedambe End
Bus Coupler @ Kalwa	IntraState	14/11/2017	09.19	15/11/2017	18.42	PO	Isolator Maintenance Work.
Dhule-Chalisgaon	IntraState	15/11/2017	01.23	15/11/2017	01.47	T	Distance Protection
Pusad-WardhaPG(Deoli)	IntraState	15/11/2017	09.25	15/11/2017	14.44	PO	Routine Maintenance Work
Karad - Vita Ckt- II	IntraState	15/11/2017	10.52	15/11/2017	17.20	PO	Testing Work
Padghe - Jambhul 1	IntraState	15/11/2017	14.34	15/11/2017	14.51	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/33kv 100 MVA Transformer 3 @Ghodbunder R/S	IntraState	29/10/2017	09:26		Continued.	PO	Refurbishment of 100 MVA-3 Transformer under SIS DPR scheme
220/132kv 100mva Ptr 1 @Kharepatan	IntraState	15/11/2017	09.45	15/11/2017	14.50	PO	Attending Oil Leakage
220/100 Kv 200 Mva Alstom Ict 2 @Apta	IntraState	15/11/2017	11.47	15/11/2017	18.10	PO	OLTC Overhauling Work.
132 KV LINE Outages/Trippings							
Beed (220kv) - Beed (132kv)	IntraState	13/11/2017	18.42	15/11/2017	10.22	T	Distance Protection

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 15/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 16/Nov/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Beed - Raimoha	IntraState	13/11/2017	22.18	15/11/2017	10.29	T	Distance Protection
Amravati-Morshi	IntraState	15/11/2017	10.05	15/11/2017	10.15	T	BACKUP PROTECTION OPERATED O/C & EE.
Morshi-Warud	IntraState	15/11/2017	10.05	15/11/2017	10.29	T	CAPACITOE BANK BURST AT WARUD.