

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Aug/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	90.524	1759.629	1) Gujrat	11.748	163.800
2) Hydro	10.746	139.679	2) Madhya Pradesh	11.877	222.864
3) Gas	6.570	118.814	3) Chattisgarh	3.890	86.440
Total MSPGCL	107.840	2018.122	4) Maharashtra Net	99.590	1549.428
B) 1) APML	55.910	917.460	5) Goa	-7.019	-116.587
2) JSWEL	27.893	496.596	6) TAPS 1&2 Injection	2.554	50.147
3) VIPL	12.355	135.396	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	18.240	310.149	8) Pench (MS)	0.711	6.979
5) WPCL	3.807	63.868	9) Pench (Excess)	-0.711	-5.933
6) Other IPP	3.223	38.145	Total	121.929	1950.159
C) 1) TPCL Thermal	17.639	300.654	a) Mumbai Schedule	26.794	428.831
2) TPCL Hydro	3.192	63.758	b) Mumbai Drawl	26.978	490.719
3) TPCL Gas	2.204	30.663	c) MSEDCL Bilateral *	34.195	528.330
4) R-INFRA Thermal	12.049	209.372	Include PX	7.557	23.106
D) STATE			d) Mumbai Bilateral *	26.794	428.831
1) Thermal	241.640	4231.269	Include PX	2.733	90.424
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	13.938	203.437	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	8.774	149.477	1) MSEDCL	334.399	5921.201
4) Wind	9.047	463.838	2) Mumbai Discoms	62.068	1095.155
6) SOLAR	1.133	18.187	TOTAL STATE	396.467	7016.356
TOTAL STATE	274.532	5066.208			

* 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 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	3739	3819	3695	3942
MSPGCL Hydro	966	591	801	65
MSPGCL Gas	272	268	276	279
MSPGCL Total Generation	4977	4678	4772	4286
Central Sector Receipt	6273	6297	4625	4092
WIND	83	199	763	292
CPP / IPP	5218	4992	5143	4883
SOLAR	139	166	0	0
Exchange with Mumbai	-1426	-1454	-1286	-647
MSEDCL DEMAND MET	15264	14878	14017	12906
Load Shedding	26	26	30	24
MSEDCL DEMAND	15290	14904	14047	12930
TPCL GENERATION	1107	1151	1077	773
R-INFRA GENERATION	510	516	517	399
MUMBAI DEMAND	3043	3121	2880	1819
STATE DEMAND MET	18307	17999	16897	14725
STATE DEMAND	18333	18025	16927	14749
Frequency (Hz)	49.88	49.92	49.85	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18:02 Hrs	49.56 Hz at 11:15 Hrs	49.94	% 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 19/Aug/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	42.78	0	0
Unit 6	0.00	0.00	0	0
Unit 7	4.11	71.83	180	160
Total	4.11	114.62		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.91	72.96	175	150
Unit 4	10.80	153.96	495	350
Unit 5	0.00	0.00	0	0
Total	14.71	226.92		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.28	60.69	153	114
Unit 3	4.18	60.77	190	158
Unit 4	1.48	68.50	168	0
Unit 5	7.63	159.17	380	275
Unit 6	6.77	143.65	330	240
Unit 7	6.83	145.68	330	239
Total	30.17	638.46		
Paras				
Unit 3	4.41	86.35	209	114
Unit 4	4.39	89.56	221	146
Total	8.79	175.91		
Khaparkheda				
Unit 1	4.02	55.48	185	135
Unit 2	3.80	62.59	185	120
Unit 3	3.59	62.90	157	140
Unit 4	0.00	58.72	0	0
Unit 5	7.62	125.52	400	252
Total	19.04	365.22		
Nasik				
Unit 3	4.58	84.40	200	180
Unit 4	4.61	86.00	198	185
Unit 5	4.50	68.10	201	175
Total	13.70	238.50		
Uran				
All Units	6.57	118.81	279	268
Total	6.57	118.81		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.71	6.98	53	0
Total	0.71	6.98		
Koyna				
Stage 1-2	3.30	54.52	450	40
Stage 4	3.78	25.71	489	0
Stage 3	1.27	25.21	124	0
Total	8.35	105.44		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.44	0	0
TILLARI	0.00	1.94	0	0
BHTGR/VEER	0.00	1.26	0	0
BHIRA T.R.	0.20	6.34	80	0
RNGR+BHTSA	0.00	0.17	0	0
BHANDARDRA	0.49	5.20	34	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.24	1.86	17	7
GHATGHAR	1.46	17.03	125	0
Total	2.39	34.23		
Wind				
Total	9.05	463.84	0	0
Total	9.05	463.84		
CPP				
APML(Mus)	55.91	917.46	0	0
JSWEL(Mus)	27.89	496.60	0	0
VIPL(Mus)	12.36	135.40	0	0
RPLAMT(Mus)	18.24	310.15	0	0
WPCL(Mus)	3.81	63.87	0	0
Other(Mus)	3.22	38.14	0	0
Total	121.43	1961.61		
SOLAR				
Total	1.13	18.19	0	0
Total	1.13	18.19		
Tata				
Trombay 5	11.66	192.94	494	458
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.20	30.66	115	64
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.98	107.71	251	247
TATA Hydro	3.19	63.76	294	0
Total	23.04	395.08		
R-INFRA				
1-2	12.05	209.37	519	395
Total	12.05	209.37		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	90.52	1759.63
MSPGCL Thml+Gas	97.09	1878.44

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	10.75	139.68
MSPGCL Total	107.84	2018.12

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	7.09	80.23
State Total	274.53	5066.21

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 19/Aug/2015

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													
1	3828	80	278	4186	348	5237	0	4614	4909	-845	13835	42	13877	2165	16042	49.99
2	3878	60	277	4215	343	5104	0	4402	4496	-691	13467	24	13491	1991	15482	49.98
3	3945	60	279	4284	321	4795	0	4209	4145	-680	12865	24	12889	1887	14776	49.96
4	3923	70	279	4272	316	5165	0	4110	4276	-662	13367	24	13391	1830	15221	50.00
5	3942	65	279	4286	292	4883	0	4147	4092	-647	12906	24	12930	1819	14749	49.96
6	3955	115	279	4349	276	4996	0	4355	4762	-614	13769	26	13795	1920	15715	49.96
7	3805	185	274	4264	186	4916	0	4976	5561	-732	14195	26	14221	2054	16275	49.92
8	3753	430	275	4458	164	5284	26	5348	5666	-879	14719	26	14745	2210	16955	49.97
9	3653	597	275	4525	110	5200	64	5649	6015	-1110	14804	26	14830	2496	17326	49.98
10	3655	908	273	4836	131	5151	130	5784	5907	-1354	14801	26	14827	2852	17679	49.90
11	3739	966	272	4977	83	5218	139	5946	6273	-1426	15264	26	15290	3043	18333	49.88
12	3768	1005	268	5041	100	4972	142	6018	6358	-1457	15156	26	15182	3123	18305	49.86
13	3819	591	268	4678	199	4992	166	5801	6297	-1454	14878	26	14904	3121	18025	49.92
14	3813	781	269	4863	246	4803	136	5619	5618	-1362	14304	31	14335	3024	17359	49.99
15	3745	691	269	4705	328	4989	120	5570	5879	-1467	14554	29	14583	3061	17644	49.76
16	3754	714	268	4736	439	4975	97	5555	5696	-1490	14453	29	14482	3089	17571	49.96
17	3742	527	271	4540	662	4927	84	5147	5206	-1486	13933	29	13962	3084	17046	50.00
18	3737	591	272	4600	806	5203	27	4156	3939	-1417	13158	29	13187	3014	16201	49.99
19	3715	120	275	4110	800	5145	2	4252	4001	-1287	12771	29	12800	2877	15677	49.99
20	3695	801	276	4772	763	5143	0	4587	4625	-1286	14017	30	14047	2880	16927	49.85
21	3690	488	277	4455	725	5221	0	4480	4335	-1206	13530	30	13560	2804	16364	49.93
22	3640	342	271	4253	529	5122	0	4378	4465	-1181	13188	30	13218	2681	15899	49.98
23	3691	292	273	4256	464	5122	0	4608	4711	-1156	13397	30	13427	2577	16004	49.95
24	3639	267	273	4179	416	4865	0	4645	4698	-1089	13069	30	13099	2460	15559	49.95
MUs	90.52	10.75	6.57	107.84	9.05	121.43	1.13	118.36	121.93	-26.98	334.40	0.67	335.07	62.06	397.13	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 19/Aug/2015

Position as on 6.30 Hrs of 20/Aug/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CENT.SECTOR	Tarapur 1	160	12/10/2014	22:39		Continued.	Refuelling work	
TPC-G	Trombay 7B	60	17/07/2015	20.00		Continued.	Gas Path Inspection	
MSPGCL	Bhusawal Unit 5	500	29/07/2015	06.29		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPPL	Dabhol 3B	230	29/12/2013	06.14		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Chandrapur Unit-8	500	29/03/2015	18.26		Continued.	Withdrawn	
MSPGCL	Uran Unit 6	108	01/04/2015	16.35		Continued.	Gas shortage	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
TPC-G	Bhira PSU	150	09/06/2015	10.53		Continued.	Stator Earth Fault	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
IPP	WPCL U-2	135	16/06/2015	00.00		Continued.	No Schdule	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
CPP	WPCL U-4	135	01/08/2015	21.57		Continued.	Vibration problem in ID Fan	
IPP	Adani U-2	660	04/08/2015	00.03		Continued.	ID Fan Problem	
MSPGCL	Koradi Unit 5	200	13/08/2015	09.04		Continued.	Water logged at HT cooler booster pump.	
MSPGCL	Khaparkheda Unit 4	210	16/08/2015	13.10		Continued.	Turbine bearing Vabration high	
MSPGCL	Koradi Unit-8	660	18/08/2015	06.13		Continued.	Tripped.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 19/Aug/2015

Position as on 6.30 Hrs of 20/Aug/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 4	210	19/08/2015	07.35	19/08/2015	22.02	Battery Charger Problem.	
IPP	Adani U-3	660	20/08/2015	05.31		Continued.	Main Steam Drain Line leakage.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 19/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 20/Aug/2015

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							
Kolhapur Mapusa II	InterState	18/08/2015	16.48	19/08/2015	06.44	HT	Over Voltage
Kolhapur Mapusa I	InterState	19/08/2015	16.39		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	20/07/2015	17.29		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	01/08/2015	12.04		Continued.	PO	Line Crossing work of 765KV A'bad-Solapur D/C By PGCIL (RFC @ 11.38 Hrs).
Karad - Jaigad - II	IntraState	18/08/2015	16.50	19/08/2015	06.57	HT	Over Voltage
Lonikand 1 - Talegaon(Pgcil)	IntraState	18/08/2015	17.37	19/08/2015	14.17	EO	Attending Hot Spot (Taken on TBC).
karad -kolhapur-II	IntraState	18/08/2015	18.09	19/08/2015	06.54	HT	Over Voltage
Lonikand2-Lonikand1 (Intrconector)	IntraState	19/08/2015	16.43	19/08/2015	19.23	PO	E/O for Attending Hot Spot on Line Insulator.
karad -kolhapur-II	IntraState	19/08/2015	16.44		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	19/08/2015	17.27		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	19/08/2015	18.09	20/08/2015	06.40	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT-III @ Kharghar	IntraState	19/08/2015	09.00	19/08/2015	21.04	PO	Jumpering of 220kv Bushing.
220 KV LINE Outages/Trippings							
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and deenergising 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 jumer at Loc no 86 & 107 and deenergising the line bet.86 to 107.
REL Borivali TPC Borivali line	IntraState	10/07/2015	16.22		Continued.	T	Distance Protection
Padghe - Vasai	IntraState	15/08/2015	08:35		Continued.	PO	Removal of jumper & bunching work at Loc No. 51/1 & 35 (charged up to Loc No. 51/1 from Padghe end only)
Kalwa - Borivali	IntraState	16/08/2015	08.00		Continued.	PO	Erection of Loc.No.12 and shifting of conductor on NER M/C Tower
GIS Bhandup - Borivali	IntraState	18/08/2015	11.47	19/08/2015	05.21	HT	To Control over loading of Kalwa Mulund CKT 2.
GIS Bhandup - Borivali	IntraState	19/08/2015	06.41	19/08/2015	21.30	HT	To Control over loading of Kalwa Mulund CKT 2.
Kalwa - Mulund 1	IntraState	19/08/2015	06.58	19/08/2015	19.20	PO	Mumbai system Strengthening Work.
Mahad - Pedambe	IntraState	19/08/2015	08.05	19/08/2015	10.30	PO	Attending Damaged Conductor.
Osmanabad - Barshi	IntraState	19/08/2015	09.18	19/08/2015	19.00	PO	765lv Line Crossing work 765kv Aurangabad-Solapur PG D/C.
Paranda Tap Osmanabad - Barshi	IntraState	19/08/2015	09.30	19/08/2015	19.01	PO	765lv Line Crossing work 765kv Aurangabad-Solapur PG D/C.
Butibori - Purti	IntraState	19/08/2015	11.30	19/08/2015	14.12	T	Replacement of Jumper B-Ph CT Pad clamp towards Line Insulator.
Bableshevar- Bableshevar-I	IntraState	19/08/2015	17.13	19/08/2015	18.53	PO	To attend Hot Spot
Kalwa - Mulund 2	IntraState	19/08/2015	19.25	19/08/2015	21.11	PO	Attending Hot Spot
GIS Bhandup - Borivali	IntraState	20/08/2015	06.25		Continued.	HT	To Control over loading of Kalwa mulund Ckt 2.
Kalwa - Mulund 1	IntraState	20/08/2015	06.32		Continued.	PO	Mumbai System Strengthening Work.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/100 Kv 100 MVA ICT II @Kandalgaon	IntraState	19/08/2015	11.35	19/08/2015	14.45	PO	Jumpering Work.
132 KV LINE Outages/Trippings							

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 19/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 20/Aug/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Naldurg - Ujani	IntraState	19/08/2015	13.45	19/08/2015	19.44	PO	CT Replacement work.
110 KV LINE Outages/Trippings							
Kandalgaon - Roha 2	IntraState	19/08/2015	10.25	19/08/2015	17.10	PO	Line Maintenance work