

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Aug/2015 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	92.355	1077.126	1) Gujrat	10.418	72.362
2) Hydro	8.128	81.683	2) Madhya Pradesh	14.059	118.182
3) Gas	6.598	66.116	3) Chattisgarh	4.810	52.400
Total MSPGCL	107.081	1224.925	4) Maharashtra Net	92.991	864.110
B) 1) APML	49.330	503.410	5) Goa	-6.344	-66.243
2) JSWEL	27.884	284.207	6) TAPS 1&2 Injection	2.643	29.433
3) VIPL	5.734	60.014	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	17.990	174.289	8) Pench (MS)	0.080	1.517
5) WPCL	2.294	35.035	9) Pench (Excess)	-0.080	-1.326
6) Other IPP	2.006	21.963	Total	118.497	1068.918
C) 1) TPCL Thermal	16.000	173.592	a) Mumbai Schedule	23.961	246.438
2) TPCL Hydro	4.008	38.569	b) Mumbai Drawl	25.627	288.917
3) TPCL Gas	1.552	17.007	c) MSEDCL Bilateral *	28.142	293.761
4) R-INFRA Thermal	11.657	117.002	Include PX	1.168	1.430
D) STATE			d) Mumbai Bilateral *	23.961	246.438
1) Thermal	225.250	2446.638	Include PX	6.412	69.705
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	12.136	120.252	H) ENERGY CATERED (MUs)		
3) Gas	8.150	83.123	1) MSEDCL	320.536	3416.312
4) Wind	14.491	322.078	2) Mumbai Discoms	58.842	635.071
6) SOLAR	0.856	10.390	TOTAL STATE	379.378	4051.383
TOTAL STATE	260.883	2982.481			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3762	3792	3825	3898
MSPGCL Hydro	1285	673	379	52
MSPGCL Gas	282	270	272	275
MSPGCL Total Generation	5329	4735	4476	4225
Central Sector Receipt	5428	5761	4984	4260
WIND	437	412	792	548
CPP / IPP	4657	4489	4519	3940
SOLAR	78	101	0	0
Exchange with Mumbai	-1231	-1482	-1268	-616
MSEDCL DEMAND MET	14698	14016	13503	12357
Load Shedding	30	30	26	28
MSEDCL DEMAND	14728	14046	13529	12385
TPCL GENERATION	1027	1012	995	667
R-INFRA GENERATION	513	516	515	395
MUMBAI DEMAND	2771	3010	2778	1678
STATE DEMAND MET	17469	17026	16281	14035
STATE DEMAND	17499	17056	16307	14063
Frequency (Hz)	49.94	49.94	49.97	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 12:00 Hrs	49.75 Hz at 17:40 Hrs	49.95	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 11/Aug/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.57	37.85	170	123
Unit 6	0.00	0.00	0	0
Unit 7	3.73	40.41	175	110
Total	7.30	78.26		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.89	42.22	170	150
Unit 4	9.78	108.58	470	370
Unit 5	0.00	0.00	0	0
Total	13.68	150.81		
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	3.08	36.59	145	99
Unit 3	0.05	32.45	25	0
Unit 4	3.84	41.96	181	129
Unit 5	9.26	98.09	405	360
Unit 6	8.09	85.90	415	205
Unit 7	6.88	89.87	373	230
Total	31.21	384.85		
Paras				
Unit 3	4.67	50.54	208	176
Unit 4	4.81	51.74	221	190
Total	9.48	102.28		
Khaparkheda				
Unit 1	3.28	40.18	165	100
Unit 2	3.32	38.68	165	90
Unit 3	3.29	36.54	153	125
Unit 4	3.39	44.45	171	120
Unit 5	8.21	59.44	430	260
Total	21.49	219.29		
Nasik				
Unit 3	4.64	48.16	205	180
Unit 4	4.57	49.68	200	181
Unit 5	0.00	43.81	0	0
Total	9.21	141.65		
Uran				
All Units	6.60	66.12	282	270
Total	6.60	66.12		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.08	1.52	33	0
Total	0.08	1.52		
Koyna				
Stage 1-2	3.45	32.91	365	40
Stage 4	1.62	14.34	437	0
Stage 3	1.21	16.56	160	0
Total	6.28	63.81		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.24	0	0
TILLARI	0.00	1.43	0	0
BHTGR/VEER	0.07	0.88	4	3
BHIRA T.R.	0.41	3.90	80	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.04	1.72	2	1
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.09	0.68	10	1
GHATGHAR	1.24	9.01	250	0
Total	1.85	17.88		
Wind				
Total	14.49	322.08	0	0
Total	14.49	322.08		
CPP				
APML(Mus)	49.33	503.41	0	0
JSWEL(Mus)	27.88	284.21	0	0
VIPL(Mus)	5.73	60.01	0	0
RPLAMT(Mus)	17.99	174.29	0	0
WPCL(Mus)	2.29	35.04	0	0
Other(Mus)	2.01	21.96	0	0
Total	105.24	1078.92		
SOLAR				
Total	0.86	10.39	0	0
Total	0.86	10.39		
Tata				
Trombay 5	10.32	111.55	477	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.55	17.01	65	64
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.68	62.04	251	200
TATA Hydro	4.01	38.57	241	70
Total	21.56	229.17		
R-INFRA				
1-2	11.66	117.00	518	395
Total	11.66	117.00		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	92.36	1077.13
MSPGCL Thml+Gas	98.95	1143.24

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	8.13	81.68
MSPGCL Total	107.08	1224.92

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	5.07	47.25
State Total	260.88	2982.48

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/Aug/2015

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	4013	58	276	4347	603	4620	0	4473	4405	-906	13069	38	13107	1983	15090	49.97
2	3915	53	276	4244	605	4260	0	4267	4540	-735	12914	28	12942	1813	14755	49.91
3	3901	122	276	4299	639	4033	0	4071	4407	-616	12762	28	12790	1733	14523	49.92
4	3898	52	275	4225	548	3940	0	4012	4260	-616	12357	28	12385	1678	14063	49.98
5	3892	47	276	4215	440	3953	0	3968	4444	-622	12430	28	12458	1675	14133	49.96
6	3945	335	273	4553	387	4064	0	4338	4620	-663	12961	30	12991	1789	14780	49.97
7	4057	536	273	4866	371	4421	0	4676	4940	-638	13960	30	13990	1956	15946	49.97
8	3923	566	273	4762	299	4613	16	4940	5600	-690	14600	30	14630	2141	16771	49.99
9	3924	690	280	4894	368	4500	57	5179	5263	-948	14134	30	14164	2437	16601	49.97
10	3762	1285	282	5329	437	4657	78	5402	5428	-1231	14698	30	14728	2771	17499	49.94
11	3671	1151	278	5100	410	4498	82	5504	5563	-1486	14167	30	14197	3006	17203	49.92
12	3715	1045	279	5039	380	4602	93	5331	5587	-1502	14199	30	14229	3035	17264	49.93
13	3792	673	270	4735	412	4489	101	5378	5761	-1482	14016	30	14046	3010	17056	49.94
14	3800	190	271	4261	565	4552	130	5448	5700	-1354	13854	26	13880	2860	16740	50.02
15	3816	51	274	4141	777	4541	107	5460	5512	-1421	13657	24	13681	2916	16597	49.96
16	3721	45	273	4039	1008	4488	102	5167	5363	-1431	13569	24	13593	2927	16520	49.95
17	3696	60	273	4029	1002	4461	65	5043	4954	-1388	13123	24	13147	2908	16055	49.92
18	3713	140	274	4127	862	4217	24	4353	4551	-1352	12429	24	12453	2835	15288	49.90
19	3770	317	274	4361	901	4395	1	3983	4354	-1273	12739	24	12763	2753	15516	49.98
20	3825	379	272	4476	792	4519	0	4761	4984	-1268	13503	26	13529	2778	16307	49.97
21	3874	182	272	4328	734	4489	0	4817	4926	-1145	13332	26	13358	2671	16029	49.93
22	3849	61	274	4184	703	4390	0	4756	4412	-1026	12663	26	12689	2501	15190	49.92
23	3887	45	277	4209	671	4427	0	4635	4613	-1005	12915	26	12941	2386	15327	49.94
24	3996	45	277	4318	577	4109	0	4398	4310	-829	12485	26	12511	2282	14793	49.99
MUs	92.35	8.13	6.60	107.08	14.49	105.24	0.86	114.36	118.50	-25.63	320.54	0.67	321.20	58.84	380.05	49.95

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 11/Aug/2015

Position as on 6.30 Hrs of 12/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	
IPP	VIPL U-1	300	14/07/2015	23.58		Continued.	AOH.	
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-8	660	07/08/2015	13.05	11/08/2015	10.37	Boiler Problem.	
CPP	WPCL U-1	135	09/08/2015	00.01		Continued.	Back Filter Diff.Pressure High	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 11/Aug/2015

Position as on 6.30 Hrs of 12/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 3	210	09/08/2015	19.24	11/08/2015	17.01	Boiler Tube Leakage	
MSPGCL	Nasik Unit 5	210	10/08/2015	21.50		Continued.	Economizer Tube Leakage.	
MSPGCL	Chandrapur Unit 3	210	11/08/2015	17.55	11/08/2015	22.18	Due to HPT Expansion High.	
MSPGCL	Koradi Unit-8	660	12/08/2015	02.27	12/08/2015	04.26	Super Heater Temp.High.	
MSPGCL	Khaparkheda Unit 2	210	12/08/2015	05.14		Continued.	Flame Failure	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 11/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 12/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							
Karad Solapur (PG)	InterState	10/08/2015	15.30	11/08/2015	07.19	EO	To Attend Hot Spot (RFC @ 16.50 Hrs).
Kolhapur Mapusa I	InterState	10/08/2015	16.11	11/08/2015	07.22	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	11/08/2015	09.39	11/08/2015	11.41	PO	For RTU Work @ SSP End.
Dhule Sar'Sarovar II	InterState	11/08/2015	12.07	11/08/2015	15.05	PO	For RTU Work @ SSP End.
Dhule Khandwa II	InterState	11/08/2015	15.27	11/08/2015	19.31	PO	Insulator String Replacement.
Kolhapur Mapusa II	InterState	11/08/2015	16.11	12/08/2015	07.09	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 -kolhapur-II	IntraState	10/08/2015	16.06	11/08/2015	08.45	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	11/08/2015	02.21	11/08/2015	06.51	HT	Over Voltage
Karad - Jaigad - II	IntraState	11/08/2015	02.44	11/08/2015	08.47	HT	Over Voltage
Deepnagar Taptitanda	IntraState	11/08/2015	09.33	11/08/2015	19.13	PO	Attending Hot Spot
Girwali - Lonikand 1	IntraState	11/08/2015	10.36	11/08/2015	14.35	PO	Taken on TBC For Attending Hot Spot.
karad -kolhapur-I	IntraState	11/08/2015	16.06		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	11/08/2015	17.59		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	11/08/2015	18.36		Continued.	HT	Over Voltage
Warora-Chandrapur-II ckt-2	IntraState	11/08/2015	22.58	12/08/2015	02.38	EO	Attending Hot Spot on R Ph CT Clamp to Isolator.
Lonikand I - Koyna stage-IV	IntraState	11/08/2015	23.49	12/08/2015	06.21	HT	Over Voltage
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
Kalwa-Salsette-VI	IntraState	11/08/2015	06.02	11/08/2015	09.45	EO	Attending Hot Spot on Breaker Palm.
Talandge-Hamidwada	IntraState	11/08/2015	06.22	11/08/2015	10.51	PO	Line Crossing Work of 765 KV PGCIL Line.
Chandrapur GCR - Cpur Rly Tss 2	IntraState	11/08/2015	10.03	11/08/2015	22.50	PO	Replacement of Control Cable from CT to CTMB, Measurment of CB Timing @ CRM, Measurment of Tan Delta of CT's & CC's.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/132 Kv 150 MVA ICT II @ Eklahre-Nashik (Gcr)	IntraState	11/08/2015	09.52	11/08/2015	15.25	PO	Routine Maintenance Work
220/132-110/11kv 200MVA ICT 1 @Miraj	IntraState	11/08/2015	10.00	11/08/2015	13.02	PO	Quarterly Maintainance Work
132 KV LINE Outages/Trippings							
Gangakhed - Kandhar	IntraState	11/08/2015	20.08	11/08/2015	20.22	T	Distance Protection Operated Zone-I R Ph to Earth.
Hingoli-II (220 Kv) - Elichpur	IntraState	11/08/2015	20.56	11/08/2015	21.10	T	Distance Protection Operated Zone-I R Ph to Earth.
110 KV LINE Outages/Trippings							
Tata Borivli MSETCL Borivli 2	IntraState	11/08/2015	03.12	11/08/2015	04.26	T	Backup Protection
Tata Borivli MSETCL Borivli 1	IntraState	11/08/2015	03.12	11/08/2015	04.30	T	Distance Protection R Phase.

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