

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Aug/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	93.476	1942.337	1) Gujrat	11.918	188.061
2) Hydro	8.421	157.087	2) Madhya Pradesh	14.447	251.896
3) Gas	6.581	131.617	3) Chattisgarh	5.290	96.830
Total MSPGCL	108.478	2231.041	4) Maharashtra Net	95.766	1750.319
B) 1) APML	41.330	1001.980	5) Goa	-6.782	-130.316
2) JSWEL	27.777	551.098	6) TAPS 1&2 Injection	2.540	55.231
3) VIPL	11.470	159.010	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	17.720	346.259	8) Pench (MS)	0.611	8.293
5) WPCL	3.975	71.723	9) Pench (Excess)	-0.611	-7.247
6) Other IPP	2.779	43.887	Total	122.568	2204.774
C) 1) TPCL Thermal	17.670	336.037	a) Mumbai Schedule	27.145	483.481
2) TPCL Hydro	3.760	71.500	b) Mumbai Drawl	26.156	543.010
3) TPCL Gas	2.894	36.155	c) MSEDCL Bilateral *	41.341	609.224
4) R-INFRA Thermal	12.402	234.175	Include PX	12.835	48.373
D) STATE			d) Mumbai Bilateral *	27.145	483.481
1) Thermal	228.599	4686.506	Include PX	3.899	97.889
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	12.181	228.587	H) ENERGY CATERED (MUs)		
3) Gas	9.475	167.772	1) MSEDCL	333.753	6588.340
4) Wind	22.863	501.365	2) Mumbai Discoms	62.881	1220.865
6) SOLAR	0.949	20.213	TOTAL STATE	396.634	7809.205
TOTAL STATE	274.067	5604.443			

* 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 4 Hrs
MSPGCL Thermal	3917	3890	3878	3839
MSPGCL Hydro	724	573	722	72
MSPGCL Gas	270	268	272	279
MSPGCL Total Generation	4911	4731	4872	4190
Central Sector Receipt	7143	6730	4447	4282
WIND	789	796	1278	745
CPP / IPP	3833	3887	4499	4540
SOLAR	81	138	0	0
Exchange with Mumbai	-1459	-1518	-1285	-513
MSEDCL DEMAND MET	15298	14764	13811	13244
Load Shedding	27	27	28	23
MSEDCL DEMAND	15325	14791	13839	13267
TPCL GENERATION	1160	1157	1088	858
R-INFRA GENERATION	514	517	518	518
MUMBAI DEMAND	3133	3192	2891	1889
STATE DEMAND MET	18431	17956	16702	15133
STATE DEMAND	18458	17983	16730	15156
Frequency (Hz)	49.92	49.94	49.94	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 18:02 Hrs	49.75 Hz at 06:22 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 21/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	3.53	79.46	155	140
Total	3.53	122.24		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.75	80.61	170	140
Unit 4	10.46	174.30	485	355
Unit 5	0.00	0.00	0	0
Total	14.21	254.92		
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	3.14	66.57	144	119
Unit 3	3.61	68.12	174	130
Unit 4	3.94	76.50	175	154
Unit 5	8.07	174.92	380	280
Unit 6	8.23	158.34	380	319
Unit 7	7.33	160.42	330	276
Total	34.32	704.87		
Paras				
Unit 3	4.67	95.56	224	167
Unit 4	4.70	98.53	235	156
Total	9.36	194.09		
Khaparkheda				
Unit 1	3.54	62.38	170	110
Unit 2	3.50	69.28	170	115
Unit 3	3.30	69.59	153	132
Unit 4	0.00	58.72	0	0
Unit 5	8.54	141.36	400	290
Total	18.88	401.33		
Nasik				
Unit 3	4.40	93.35	195	170
Unit 4	4.26	94.64	191	164
Unit 5	4.51	76.90	194	183
Total	13.18	264.89		
Uran				
All Units	6.58	131.62	287	268
Total	6.58	131.62		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.61	8.29	54	0
Total	0.61	8.29		
Koyna				
Stage 1-2	2.50	59.65	420	40
Stage 4	2.07	30.57	375	0
Stage 3	0.78	27.54	80	0
Total	5.35	117.76		
Hydro				
KDPH	0.60	0.60	38	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.	0.21	6.90	80	0
RNGR+BHTSA	0.00	0.17	0	0
BHANDARDRA	0.48	6.17	35	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.24	2.34	17	7
GHATGHAR	1.55	19.51	250	0
Total	3.07	39.32		
Wind				
Total	22.86	501.36	0	0
Total	22.86	501.36		
CPP				
APML(Mus)	41.33	1001.98	0	0
JSWEL(Mus)	27.78	551.10	0	0
VIPL(Mus)	11.47	159.01	0	0
RPLAMT(Mus)	17.72	346.26	0	0
WPCL(Mus)	3.98	71.72	0	0
Other(Mus)	2.78	43.89	0	0
Total	105.05	2173.96		
SOLAR				
Total	0.95	20.21	0	0
Total	0.95	20.21		
Tata				
Trombay 5	11.71	216.37	496	468
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.89	36.16	125	114
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.96	119.67	251	242
TATA Hydro	3.76	71.50	294	6
Total	24.32	443.69		
R-INFRA				
1-2	12.40	234.18	519	512
Total	12.40	234.18		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	93.48	1942.34
MSPGCL Thml+Gas	100.06	2073.95

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	8.42	157.09
MSPGCL Total	108.48	2231.04

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.57	90.22
State Total	274.07	5604.44

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/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	3847	62	287	4196	877	4524	0	4946	5007	-795	13809	39	13848	2259	16107	49.92
2	3815	62	287	4164	869	4463	0	4851	4510	-675	13331	23	13354	2063	15417	49.96
3	3829	67	281	4177	811	4660	0	4792	4632	-583	13697	23	13720	1963	15683	49.96
4	3839	72	279	4190	745	4540	0	4653	4282	-513	13244	23	13267	1889	15156	49.97
5	3892	67	279	4238	648	4527	0	4748	4543	-511	13445	23	13468	1876	15344	49.79
6	3881	67	279	4227	523	4534	0	5289	5456	-598	14142	27	14169	1953	16122	49.88
7	3959	243	278	4480	476	4570	2	5537	5520	-710	14338	27	14365	2085	16450	49.88
8	3973	518	278	4769	450	4581	24	5818	5767	-856	14735	27	14762	2237	16999	49.96
9	3968	551	272	4791	453	4574	42	6437	6085	-1171	14774	27	14801	2599	17400	49.96
10	3924	587	273	4784	690	4305	79	6724	6109	-1287	14680	27	14707	2905	17612	49.95
11	3917	724	270	4911	789	3833	81	6651	7143	-1459	15298	27	15325	3133	18458	49.92
12	3872	738	270	4880	893	3751	133	6655	6186	-1527	14316	27	14343	3198	17541	49.89
13	3890	573	268	4731	796	3887	138	6383	6730	-1518	14764	27	14791	3192	17983	49.94
14	3962	415	270	4647	1094	3906	120	6086	5530	-1396	13901	31	13932	3049	16981	49.97
15	3912	239	270	4421	1127	4120	114	6213	6004	-1469	14317	27	14344	3092	17436	49.96
16	3924	229	269	4422	1351	4320	115	6238	5689	-1436	14461	27	14488	3108	17596	49.99
17	3851	132	268	4251	1698	4312	64	5581	4957	-1434	13848	27	13875	3090	16965	50.00
18	3888	99	271	4258	1557	4320	31	4771	3916	-1402	12680	27	12707	3010	15717	50.03
19	3911	143	271	4325	1335	4456	6	4569	3699	-1288	12533	27	12560	2884	15444	50.02
20	3878	722	272	4872	1278	4499	0	4911	4447	-1285	13811	28	13839	2891	16730	49.94
21	3897	828	272	4997	1102	4621	0	4647	4159	-1164	13715	28	13743	2767	16510	49.99
22	3914	704	273	4891	1055	4628	0	4357	3774	-1101	13247	28	13275	2665	15940	49.99
23	3899	421	272	4592	1170	4616	0	4536	4157	-985	13550	28	13578	2497	16075	49.98
24	3834	158	272	4264	1076	4504	0	4688	4266	-993	13117	28	13145	2477	15622	49.99
MUs	93.48	8.42	6.58	108.48	22.86	105.05	0.95	130.08	122.57	-26.16	333.75	0.65	334.41	62.88	397.29	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 21/Aug/2015

Position as on 6.30 Hrs of 22/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	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	
MSPGCL	Chandrapur Unit-8	500	09/07/2015	22.20	21/08/2015	14.24	Maintenance work	
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	
IPP	Adani U-3	660	20/08/2015	05.31		Continued.	Main Steam Drain Line leakage.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 21/Aug/2015

Position as on 6.30 Hrs of 22/Aug/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koyna STG-IV Unit-2	250	20/08/2015	09.00		Continued.	Realigning of T-G Rotor & Adjusting the Bearing Clearances.(40 Days)	
MSPGCL	Koradi Unit-8	660	20/08/2015	09.50		Continued.	EPS problem	
MSPGCL	Chandrapur Unit-8	500	21/08/2015	20.07	22/08/2015	00.36	Generator Protection operated	
MSPGCL	Chandrapur Unit-8	500	22/08/2015	04.03		Continued.	M.S.Temp.Low	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 22/Aug/2015

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 2	IntraState	21/08/2015	13.16	21/08/2015	17.29	PO	valve cooling ckt.water leakage
Chandrapur - Padghe Hvdc Pole 2	IntraState	22/08/2015	00.29	22/08/2015	06.34	EO	vale cooling ckt.water leakage
400 KV LINE Outages/Trippings							
Kolhapur Mapusa II	InterState	20/08/2015	16.39	21/08/2015	06.33	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	21/08/2015	10.05	21/08/2015	16.40	PO	Attending Hot Spot
Kolhapur Mapusa I	InterState	21/08/2015	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 -kolhapur-I	IntraState	20/08/2015	16.35	21/08/2015	06.35	HT	Over Voltage
Karad - Jaigad - II	IntraState	20/08/2015	17.03	21/08/2015	06.37	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	20/08/2015	17.09	21/08/2015	06.26	HT	Over Voltage
Padghe - Kalwa- I	IntraState	21/08/2015	11.17	21/08/2015	15.23	PO	Attending Hot Spot
karad -kolhapur-II	IntraState	21/08/2015	16.31		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	21/08/2015	16.40		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	21/08/2015	17.12	22/08/2015	06.25	HT	Over Voltage
Padghe - Kalwa- I	IntraState	22/08/2015	01.19	22/08/2015	06.53	PO	Attending Hot Spot
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	21/08/2015	17.52	21/08/2015	20.34	PO	Attending Hot Spot
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
Aurangabad (Waluj)-Bhenda	IntraState	02/08/2015	06.47	22/08/2015	06.43	HT	overloading of A'bad ict
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
Kalwa - Mulund 1	IntraState	20/08/2015	06.32	21/08/2015	00.57	PO	Mumbai System Strengthening Work.
Bhigwan- Kurkumbh	IntraState	20/08/2015	10.10	21/08/2015	22.47	PO	Annual Maintenance Work
Mulund - GIS Bhandup	IntraState	20/08/2015	21.03	21/08/2015	03.26	T	y-ph ct burst of mulund end of 220kv kalwa-mulund 2 ckt
Kalwa - Mulund 2	IntraState	20/08/2015	21.03	21/08/2015	07.28	T	y-ph ct burst of mulund end of 220kv kalwa-mulund 2 ckt
Babhleshwar- Ranjangaon	IntraState	21/08/2015	06.38	21/08/2015	20.50	HT	overloading of bblr ict
Kharghar Trombay	IntraState	21/08/2015	07.09	21/08/2015	08.57	PO	Removal of broken/hanging gantry earth wire near R phase wave trap jumper
Parvati - Hybrid Pass	IntraState	21/08/2015	07.40	21/08/2015	17.26	PO	To control chinchwad urse loading
Hinjawadi I- Chinchwad	IntraState	21/08/2015	08.58	21/08/2015	17.21	PO	To control chinchwad urse loading
Kalwa - Mulund 1	IntraState	21/08/2015	09.30	21/08/2015	16.10	PO	Mumbai system strengthening work
Karad -Mudshingi Ckt- IV	IntraState	21/08/2015	10.00	21/08/2015	13.02	PO	Testing Work

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 21/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 22/Aug/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kalwa - Airoli Knowledge Park	IntraState	21/08/2015	14.26	21/08/2015	18.53	PO	Testing Work
Kalwa - Mulund 2	IntraState	21/08/2015	16.59	21/08/2015	19.54	PO	Attending Hot Spot
Lonand-Baramati	IntraState	21/08/2015	17.15	21/08/2015	19.38	PO	Emergency outage for ct ispection due to abnormal noise
Kalwa - Mulund 1	IntraState	21/08/2015	22.26	21/08/2015	22.37	PO	For themoscaning of kalwa- mulund 2 line at mulund end
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault