

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Aug/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	143.247	2005.964	1) Gujrat	-9.018	-117.594
2) Hydro	10.873	173.108	2) Madhya Pradesh	1.846	77.718
3) Gas	5.125	62.685	3) Chattisgarh	2.450	58.280
Total MSPGCL	159.245	2241.757	4) Maharashtra	148.357	2273.781
B) 1) APLM	66.052	889.467	5) Goa (Amona)	-0.515	-17.859
2) JSWEL	20.013	310.101	Total	143.120	2274.326
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.770	353.571
4) RPL(AMT)	23.813	365.941	b) Mumbai Drawl	26.014	384.883
5) SWPGPL	5.730	78.197	c) MSEDCL Bilateral *	33.719	644.851
6) Other IPP	5.154	94.476	Include PX	4.814	191.273
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.770	353.571
C) 1) TPCL Thermal	10.676	198.664	Include PX	11.035	158.355
2) TPCL Hydro	1.859	76.402	Standby	0.000	0.000
3) TPCL Gas	0.000	12.476	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.059	153.038	1) MSEDCL	429.089	6502.686
D) STATE			2) Mumbai Discoms	46.608	825.463
1) Thermal	282.744	4095.848	TOTAL STATE	475.697	7328.149
(A1+C1+C4+(B1-B6))					
2) Hydro	12.732	249.510			
(A2+C2)					
3) Gas	5.125	75.161			
(A3+B7+C3)					
4) Wind	26.341	544.198			
6) SOLAR	5.635	89.106			
TOTAL STATE	332.577	5053.823			

* 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 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	5850	6126	5598	5619
MSPGCL Hydro	741	517	522	399
MSPGCL Gas	199	188	221	212
MSPGCL Total Generation	6790	6831	6341	6230
Central Sector Receipt	6738	6279	5207	4932
WIND	1289	1320	767	659
CPP / IPP Thermal	5101	5136	4822	4935
CPP / IPP Gas	0	0	0	0
SOLAR	717	637	0	0
Exchange with Mumbai	-1370	-1347	-1052	-716
MSEDCL DEMAND MET	19265	18856	16085	16040
Load Shedding	0	0	0	0
MSEDCL DEMAND	19265	18856	16085	16040
TPCL GENERATION	432	443	760	770
AEML GENERATION	286	285	286	502
MUMBAI DEMAND	2088	2075	2098	1988
STATE DEMAND MET	21353	20931	18183	18028
STATE DEMAND	21353	20931	18183	18028
Frequency (Hz)	49.99	49.98	49.97	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 18.31 Hrs	49.78 Hz at 04.14 Hrs	49.98	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/Aug/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.16	28.34	155	125
Unit 7	0.00	0.00	0	0
Unit 8	11.67	144.57	555	400
Unit 9	10.04	160.98	460	345
Unit 10	11.70	138.37	555	392
Total	36.57	472.25		
Bhusawal				
Unit 3	1.21	25.75	140	0
Unit 4	8.76	149.70	445	280
Unit 5	8.90	147.80	455	280
Total	18.88	323.24		
Parli				
Unit 6	3.51	38.66	199	116
Unit 7	4.77	42.74	231	192
Unit 8	4.80	51.57	220	185
Total	13.07	132.97		
Chandrapur				
Unit 3	3.19	49.44	149	122
Unit 4	3.30	54.04	165	120
Unit 5	7.69	122.92	380	275
Unit 6	7.88	121.53	385	280
Unit 7	7.69	99.74	360	298
Unit 8	11.00	154.41	470	445
Unit 9	0.00	0.00	0	0
Total	40.76	602.08		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	3.96	70.54	227	154
Total	3.96	70.54		
Khaparkheda				
Unit 1	2.89	34.24	145	100
Unit 2	3.12	40.26	160	115
Unit 3	3.66	46.68	200	130
Unit 4	3.61	46.92	205	130
Unit 5	10.27	157.22	460	400
Total	23.55	325.31		
Nasik				
Unit 3	3.20	25.64	186	127
Unit 4	3.25	28.21	198	126
Unit 5	0.00	25.72	0	0
Total	6.46	79.57		
Uran				
All Units	5.12	62.68	231	188
Total	5.12	62.68		
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)	0.58	6.45	27	23
Total	0.58	6.45		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.53	37.26	405	40
Stage 4	0.00	0.27	0	0
Stage 3	0.89	13.37	80	0
Total	3.42	50.90		
Hydro				
KDPH	0.86	12.61	36	36
VTRNA	0.00	0.29	0	0
TILLARI	0.00	6.17	0	0
BHIRA T.R.	0.40	6.56	40	0
SMLHY_PTN	5.98	88.70	262	233
GHATGHAR	0.20	7.88	125	0
Total	7.45	122.21		
Wind				
Total	26.34	544.20	0	0
Total	26.34	544.20		
CPP				
APML(Mus)	66.05	889.47	0	0
JSWEL(Mus)	20.01	310.10	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	23.81	365.94	0	0
SWPGPL-Mus	5.73	78.20	0	0
Other(Mus)	5.15	94.48	0	0
Total	120.76	1738.18		
SOLAR				
Total	5.64	89.11	0	0
Total	5.64	89.11		
Tata				
Trombay 5	7.09	132.72	465	276
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	6.95	0	0
Trombay 7B	0.00	5.53	0	0
Trombay 8	3.59	65.95	223	134
TATA Hydro	1.86	76.40	343	0
Total	12.54	287.54		
AEML				
DTPS U-1&2	8.06	153.04	502	284
Total	8.06	153.04		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	143.25	2005.96	MSPGCL Total	159.24	2241.76
			MSPGCL Thml+Gas	148.37	2068.65	Koyna 1,2 & 4 Total	2.53	37.53
			MSPGCL Hydro	10.87	173.11	State Total	332.58	5053.82

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 15/Aug/2021

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	6176	389	225	6790	1136	5157	0	0	5377	5702	-710	18075	0	18075	2009	20084	49.91
2	6350	380	225	6955	1184	5143	0	0	5351	5619	-710	18191	0	18191	1895	20086	50.00
3	6436	332	215	6983	1133	5167	0	0	5400	5616	-839	18060	0	18060	1780	19840	49.99
4	6445	321	225	6991	1121	5163	0	0	5385	5656	-863	18068	0	18068	1716	19784	49.93
5	6648	332	215	7195	1077	5145	0	0	5745	5908	-992	18333	0	18333	1693	20026	49.94
6	6675	480	215	7370	1000	5214	0	0	6546	6578	-1022	19140	0	19140	1748	20888	49.98
7	6723	675	225	7623	969	5299	0	48	7218	7113	-1007	20045	0	20045	1767	21812	49.90
8	6346	526	215	7087	937	5265	0	238	6829	7065	-1100	19492	0	19492	1828	21320	49.99
9	6261	618	225	7104	1152	5208	0	473	6096	6588	-1212	19313	0	19313	1928	21241	50.02
10	5858	417	191	6466	1442	5178	0	663	6084	6170	-1291	18628	0	18628	2021	20649	50.01
11	5655	495	189	6339	1304	5117	0	671	6145	6302	-1356	18377	0	18377	2067	20444	49.94
12	5850	741	199	6790	1289	5101	0	717	6267	6738	-1370	19265	0	19265	2088	21353	49.99
13	6126	517	188	6831	1320	5136	0	637	6259	6279	-1347	18856	0	18856	2075	20931	49.98
14	5869	464	209	6542	1427	5124	0	660	6294	6178	-1293	18638	0	18638	2010	20648	49.99
15	5529	457	212	6198	1442	4984	0	544	6291	6306	-1253	18221	0	18221	1971	20192	49.98
16	5578	463	231	6272	1362	4851	0	490	6015	6336	-1201	18110	0	18110	1917	20027	50.01
17	5548	469	212	6229	1334	4652	0	330	5775	5946	-1184	17307	0	17307	1891	19198	50.00
18	5582	394	221	6197	1185	4498	0	144	5528	5881	-1218	16687	0	16687	1918	18605	49.97
19	5550	340	211	6101	1029	4393	0	20	5169	5815	-1263	16095	0	16095	1985	18080	50.04
20	5598	522	221	6341	767	4822	0	0	4914	5207	-1052	16085	0	16085	2098	18183	49.97
21	5615	408	211	6234	823	5063	0	0	4982	4939	-1071	15988	0	15988	2115	18103	49.95
22	5616	334	222	6172	607	5051	0	0	4916	5147	-1057	15920	0	15920	2076	17996	49.98
23	5594	400	211	6205	642	5096	0	0	5017	5099	-887	16155	0	16155	2024	18179	49.96
24	5619	399	212	6230	659	4935	0	0	4837	4932	-716	16040	0	16040	1988	18028	50.01
MUs	143.25	10.87	5.12	159.25	26.34	120.76	0.00	5.64	138.44	143.12	-26.01	429.09	0.00	429.09	46.61	475.70	49.98

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/Aug/2021

Position as on 6.30 Hrs of 16/Aug/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	RPL(AMT) U-3	270	15/07/2021	00.00		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 9	500	15/07/2021	02.00		Continued.	Annual Overhaul	
MSPGCL	Paras Unit 3	250	20/07/2021	00.35		Continued.	Annual Overhaul	
TPC-G	Trombay 7B	60	05/08/2021	22.19		Continued.	Gas Shortage(Converted to AOH 00.00Hrs from Dt.09/08/2021)	
TPC-G	Trombay 7A	120	05/08/2021	22.39		Continued.	Gas Shortage(Converted to AOH 00.00Hrs from Dt.09/08/2021)	
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage. (NO PPA From 20.05.2019)	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal shortage.(NO PPA From 20.05.2019)	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
IPP	JSW (J) U4	300	16/07/2021	17.44		Continued.	Air Preheater problem.	
IPP	SWPGPL U-4	135	05/08/2021	03.04		Continued.	Turbine Vibration High.	
MSPGCL	Nasik Unit 5	210	07/08/2021	20.45		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	15/08/2021	09.00		Continued.	Zero Schedule By MSEDCL	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 16/Aug/2021

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	15/08/2021	00.03	15/08/2021	05.14	EO	Attending Hot Spot
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
Dabhol New koyna I	InterState	14/08/2021	13.03		Continued.	T	Distance Protection
Jejuri- Koynastage-IV	IntraState	15/08/2021	11.04	15/08/2021	20.15	PO	Chemical washing on Disc Insulators
Khadka-Aurangabad (Waluj)	IntraState	15/08/2021	17.55		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	15/08/2021	18.45	16/08/2021	04.12	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement of existing 315 MVA ICT by 3*167 MVA ICT.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
Mahad - Pedambe	IntraState	22/07/2021	19.35	15/08/2021	16.55	T	Distance Protection
Kandalgaon - Pirangut	IntraState	22/07/2021	19.37		Continued.	T	Distance Protection
Kharghar-Borivali ckt II	IntraState	23/07/2021	08.43		Continued.	PO	To Carry out bunching work.
Kalwa-TIFIL	IntraState	23/07/2021	11.12		Continued.	PO	For Complete Tower erection work at loc no. 75A & 76 (behind M/s Siemens).
Kharghar-Borivali ckt I	IntraState	24/07/2021	08.46		Continued.	PO	Tower Erection & Bunching work
Kalwa - Siemens	IntraState	24/07/2021	18.16		Continued.	PO	Tower Erection & Bunching work
Miraj - ICHALKARANJJI - II (TILWANI)	IntraState	28/07/2021	08.19		Continued.	T	Tower collapsed at loc no.27.
Wadkhal(GIS)-JSW(GIS) II	IntraState	04/08/2021	09.26		Continued.	PO	Outage required for replacement of existing 1200/1A GIS Metering CTs with New 1600/1A GIS CTs.(CB Opened At JSW End On 02/04/2021 At 10:18).
Kolshet-Roma	IntraState	13/08/2021	11.21		Continued.	PO	Outage required for safety purpose for : Pilling work by Rig machine between pilling points no. P117 and P118 near Patlipada flyover under MMRDA project (Reliance Astaldi).
220KV Chalisagaon-Kopergaon	IntraState	15/08/2021	12.58	15/08/2021	03.58	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 KV 150MVA ICT I @ Boisar	IntraState	15/08/2021	01.30		Continued.	PO	Oil Filtration.
220/132 Kv 200 Mva Vijai Ict 1 @Eklahre (Gcr)	IntraState	16/08/2021	02.38		Continued.	EO	To test Buchholz relay and ICT

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