

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	98.261	1573.415	1) Gujrat	-11.231	-164.438
2) Hydro	18.541	200.017	2) Madhya Pradesh	9.940	57.973
3) Gas	4.527	108.683	3) Chattisgarh	6.520	67.850
Total MSPGCL	121.329	1882.115	4) Maharashtra	138.157	2145.291
B) 1) APML	49.887	750.591	5) Goa (Amona)	-1.598	-14.627
2) JSWEL	13.560	205.235	Total	141.788	2092.049
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.226	380.209
4) RPL(AMT)	25.095	355.925	b) Mumbai Drawl	26.735	365.008
5) SWPGPL	5.753	72.855	c) MSEDCL Bilateral *	46.122	525.737
6) Other IPP	5.323	81.172	Include PX	15.489	94.878
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.226	380.209
C) 1) TPCL Thermal	10.506	196.212	Include PX	13.963	105.587
2) TPCL Hydro	5.391	52.625	Standby	0.000	0.000
3) TPCL Gas	3.422	38.538	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.092	160.897	1) MSEDCL	380.292	5649.864
D) STATE			2) Mumbai Discoms	56.144	813.282
1) Thermal	218.477	3396.302	TOTAL STATE	436.436	6463.146
(A1+C1+C4+(B1-B6))					
2) Hydro	23.932	252.642			
(A2+C2)					
3) Gas	7.949	147.221			
(A3+B7+C3)					
4) Wind	38.947	491.462			
6) SOLAR	5.345	83.468			
TOTAL STATE	294.650	4371.095			

* 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 3 Hrs
MSPGCL Thermal	4414	3829	3911	4165
MSPGCL Hydro	482	597	2292	280
MSPGCL Gas	217	216	130	218
MSPGCL Total Generation	5113	4642	6333	4663
Central Sector Receipt	7690	6490	6304	4364
WIND	1823	2022	967	1831
CPP / IPP Thermal	3657	3745	4568	4107
CPP / IPP Gas	0	0	0	0
SOLAR	633	711	0	0
Exchange with Mumbai	-1353	-1616	-1034	-935
MSEDCL DEMAND MET	17563	15994	17138	14030
Load Shedding	0	0	0	0
MSEDCL DEMAND	17563	15994	17138	14030
TPCL GENERATION	777	760	1108	555
AEML GENERATION	443	491	493	285
MUMBAI DEMAND	2573	2867	2635	1775
STATE DEMAND MET	20136	18861	19773	15805
STATE DEMAND	20136	18861	19773	15805
Frequency (Hz)	50.01	50.04	49.90	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 06.03 Hrs	49.6 Hz at 18.42 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/Sep/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	23.96	0	0
Unit 7	0.00	0.00	0	0
Unit 8	11.75	78.03	580	292
Unit 9	1.76	123.23	370	0
Unit 10	9.70	126.50	500	110
Total	23.20	351.72		
Bhusawal				
Unit 3	0.00	17.05	0	0
Unit 4	8.06	117.28	425	280
Unit 5	8.31	100.62	450	280
Total	16.38	234.95		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	40.96	0	0
Unit 8	4.26	62.96	200	153
Total	4.26	103.91		
Chandrapur				
Unit 3	0.00	11.53	0	0
Unit 4	1.88	25.91	104	0
Unit 5	6.35	96.96	300	245
Unit 6	0.33	45.59	176	0
Unit 7	7.44	107.44	333	280
Unit 8	8.81	134.34	430	280
Unit 9	9.34	70.60	424	353
Total	34.15	492.36		
Paras				
Unit 3	0.00	20.70	0	0
Unit 4	3.99	57.31	202	140
Total	3.99	78.01		
Khaparkheda				
Unit 1	0.00	24.46	0	0
Unit 2	0.00	34.67	0	0
Unit 3	3.20	50.40	145	128
Unit 4	3.22	50.18	150	125
Unit 5	6.34	101.61	305	190
Total	12.76	261.32		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	25.70	0	0
Unit 5	3.52	25.45	171	122
Total	3.52	51.14		
Uran				
All Units	4.53	108.68	228	83
Total	4.53	108.68		
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)	0.24	6.06	23	0
Total	0.24	6.06		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.26	38.10	465	40
Stage 4	4.39	35.77	1002	0
Stage 3	2.34	22.93	240	0
Total	10.99	96.80		
Hydro				
KDPH	0.86	2.89	36	36
VTRNA	0.43	2.15	59	0
TILLARI	0.51	2.47	60	0
BHIRA T.R.	0.35	5.79	40	0
SMLHY_PTN	4.68	81.02	213	187
GHATGHAR	0.72	8.90	250	0
Total	7.55	103.22		
Wind				
Total	38.95	491.46	0	0
Total	38.95	491.46		
CPP				
APML(Mus)	49.89	750.59	0	0
JSWEL(Mus)	13.56	205.24	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.10	355.92	0	0
SWPGPL-Mus	5.75	72.86	0	0
Other(Mus)	5.32	81.17	0	0
Total	99.62	1465.78		
SOLAR				
Total	5.34	83.47	0	0
Total	5.34	83.47		
Tata				
Trombay 5	6.28	128.73	278	245
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.04	24.62	117	63
Trombay 7B	1.38	13.92	68	50
Trombay 8	4.23	67.49	218	135
TATA Hydro	5.39	52.62	430	54
Total	19.32	287.38		
AEMIL				
DTPS U-1&2	10.09	160.90	496	285
Total	10.09	160.90		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	98.26	1573.42	MSPGCL Total	121.33	1882.12
			MSPGCL Thml+Gas	102.79	1682.10	Koyna 1,2 & 4 Total	8.65	73.87
			MSPGCL Hydro	18.54	200.02	State Total	294.65	4371.10

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/Sep/2021

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	3778	490	228	4496	1789	4176	0	0	4856	4893	-991	14363	0	14363	1975	16338	49.97
2	4045	353	217	4615	1825	4225	0	0	4599	4473	-907	14231	0	14231	1863	16094	49.95
3	4165	280	218	4663	1831	4107	0	0	4614	4364	-935	14030	0	14030	1775	15805	50.01
4	4036	268	218	4522	1721	3900	0	0	4606	4806	-856	14093	0	14093	1717	15810	50.01
5	4250	271	217	4738	1689	4050	0	0	4675	4859	-860	14476	0	14476	1717	16193	49.99
6	4305	269	218	4792	1699	4139	0	0	5322	5402	-873	15159	0	15159	1780	16939	49.99
7	4298	350	218	4866	1507	4119	0	25	6645	6501	-637	16381	0	16381	1814	18195	49.95
8	4429	686	220	5335	1394	4077	0	210	7143	7111	-759	17368	0	17368	2050	19418	49.95
9	4414	936	219	5569	1720	3675	0	441	7292	7260	-1047	17618	0	17618	2327	19945	50.02
10	4414	482	217	5113	1823	3657	0	633	7838	7690	-1353	17563	0	17563	2573	20136	50.01
11	4043	447	218	4708	2014	3722	0	701	7612	7343	-1633	16855	0	16855	2801	19656	50.03
12	3853	456	227	4536	2026	3671	0	741	7013	7024	-1573	16425	0	16425	2849	19274	50.01
13	3829	597	216	4642	2022	3745	0	711	6489	6490	-1616	15994	0	15994	2867	18861	50.04
14	3877	455	217	4549	1955	3854	0	636	6283	6165	-1637	15522	0	15522	2755	18277	50.02
15	3897	450	215	4562	1966	3904	0	482	6202	6255	-1603	15566	0	15566	2712	18278	49.96
16	3970	496	90	4556	1926	4356	0	391	5969	5972	-1536	15665	0	15665	2712	18377	49.96
17	4239	677	83	4999	1874	4470	0	268	5913	5580	-1411	15780	0	15780	2688	18468	49.94
18	4119	1228	92	5439	1382	4510	0	87	5921	5898	-1147	16169	0	16169	2646	18815	49.99
19	3956	1778	102	5836	1124	4582	0	19	6230	6366	-1032	16895	0	16895	2605	19500	49.81
20	3911	2292	130	6333	967	4568	0	0	6135	6304	-1034	17138	0	17138	2635	19773	49.90
21	4015	2245	164	6424	1049	4600	0	0	5554	5475	-916	16632	0	16632	2472	19104	49.93
22	4118	1916	164	6198	1062	4567	0	0	5404	5244	-827	16244	0	16244	2365	18609	49.94
23	4222	617	193	5032	1269	4537	0	0	5724	5238	-791	15285	0	15285	2262	17547	50.00
24	4078	502	226	4806	1313	4407	0	0	5528	5075	-761	14840	0	14840	2186	17026	49.99
MUs	98.26	18.54	4.53	121.33	38.95	99.62	0.00	5.34	143.57	141.79	-26.74	380.29	0.00	380.29	56.15	436.44	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/Sep/2021

Position as on 6.30 Hrs of 16/Sep/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	Adani U-1	660	25/08/2021	00.06	15/09/2021	09.57	Annual Overhaul	
IPP	RPL(AMT) U-4	270	02/09/2021	00.00		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 3	210	04/09/2021	23.58		Continued.	Annual Overhaul	
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	SWPGPL U-4	135	05/08/2021	03.04		Continued.	Turbine Vibration High.	
MSPGCL	Parli Unit 6	250	26/08/2021	21.06		Continued.	Coal Shortage (Converted to AOH 00.00Hrs from Dt.01/09/2021)	
MSPGCL	Nasik Unit 3	210	30/08/2021	22.51		Continued.	Against case 4.which was outage on Loss of Fuel(From 19.44Hrs DT.26-08-2021	
IPP	JSW (J) U1	300	02/09/2021	08.41		Continued.	Turbine vibrations high.	
MSPGCL	Bhusawal Unit 3	210	05/09/2021	20.05		Continued.	Zero schedule.	
MSPGCL	Paras Unit 3	250	06/09/2021	09.20		Continued.	Turbine bearing Vabration high	
IPP	JSW (J) U3	300	07/09/2021	10.20		Continued.	Non availability of load scheduling.	
MSPGCL	Koradi Unit 6	210	07/09/2021	19.36	16/09/2021	04.29	PA Fan problem	
MSPGCL	Nasik Unit 4	210	07/09/2021	20.03	16/09/2021	10.30	PA Fan problem(Converted to Zero schedule from 12.00Hrs DT.13-09-2021)	
MSPGCL	Chandrapur Unit 6	500	09/09/2021	13.28	15/09/2021	21.43	Wet Coal.	
MSPGCL	Parli Unit 7	250	09/09/2021	20.00	16/09/2021	04.13	Zero Schedule.	
MSPGCL	Uran Unit A0	120	10/09/2021	01.54		Continued.	Turbine bearing Vabration high	
MSPGCL	Khaparkheda Unit 1	210	11/09/2021	19.37		Continued.	Coal Shortage.	
MSPGCL	Khaparkheda Unit 2	210	12/09/2021	21.59		Continued.	Coal Shortage	
MSPGCL	Uran Unit 6	108	14/09/2021	15.02		Continued.	Sparking at exciter.	
MSPGCL	Uran Unit B0	120	14/09/2021	15.08	15/09/2021	22.21	due to GT-8 tripped.	
MSPGCL	Koradi Unit 9	660	15/09/2021	05.19		Continued.	Air pre-heater work.	
IPP	Adani U-4	660	15/09/2021	08.05	15/09/2021	12.32	Flame Failure	
MSPGCL	Chandrapur Unit 4	210	15/09/2021	11.16	15/09/2021	15.19	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 15/Sep/2021

Position as on 6.30 Hrs of 16/Sep/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 8	108	15/09/2021	15.08	15/09/2021	17.28	Generator protection due to excitation fault.	
MSPGCL	Chandrapur Unit 4	210	15/09/2021	23.54		Continued.	Poor coal receipt	

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

Statement-VII

Position as on 6.30 Hrs of 16/Sep/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	16/09/2021	23.06		Continued.	EO	To Smoothing Reactor Buchholz alarm at padghe end
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
Kolhapur(M)-Kolhapur(GIS) cktII	InterState	16/09/2021	08.36		Continued.	PO	Line Maintenance work
Dhule- Bableshwar - I	IntraState	04/09/2021	06.37		Continued.	PO	Samruddhi expressway crossing tower erection work.
Dhule - Bableshwar - II	IntraState	04/09/2021	06.40		Continued.	PO	Samruddhi expressway crossing tower erection work.
Khadka-Aurangabad (Waluj)	IntraState	09/09/2021	20.06	15/09/2021	08.41	HT	Over Voltage
Karad - Jaigad - II	IntraState	14/09/2021	22.59	15/09/2021	08.55	HT	Over Voltage
Akola - Bhusawal	IntraState	15/09/2021	08.56	15/09/2021	14.15	PO	Fixing of snapped Earth wire
N.Koyna-Karad -Ckt II	IntraState	15/09/2021	12.22	15/09/2021	13.06	EO	To attend PG Isolator problem
Girwali-Solapur (Lamboti)	IntraState	16/09/2021	09.47	16/09/2021	19.10	PO	Testing Work
Bus Coupler @ Lonikand	IntraState	16/09/2021	09.48		Continued.	PO	CB overhauling work.
Khadka-Aurangabad (Waluj)	IntraState	16/09/2021	21.09		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	07/09/2021	20.23		Continued.	T	Differential protection.
400/220 kv 500 MVA ICT III @ Jejuri	IntraState	16/09/2021	10.13	16/09/2021	22.02	PO	Testing Work
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	16/09/2021	11.40	16/09/2021	16.46	PO	Isolator repair & alignment work.
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)
Wardha-Dhamangaon	IntraState	15/09/2021	09.37	15/09/2021	15.39	PO	Testing Work
Uran - Apta III	IntraState	15/09/2021	10.08	15/09/2021	16.37	PO	Testing Work
Kandalgaon - Bhira	IntraState	15/09/2021	15.07	15/09/2021	18.37	T	Distance Protection
Jejuri (400 Kv)- Baramati li	IntraState	15/09/2021	15.59	15/09/2021	18.39	EO	To attend Hot Spot
Uran - Hoc 1	IntraState	15/09/2021	16.45	15/09/2021	17.42	PO	Testing Work
Pusad - Hingoli	IntraState	15/09/2021	22.28	15/09/2021	22.50	T	Distance Protection
Karad(400kv) - Ogalewadi Ckt 2	IntraState	16/09/2021	09.09	16/09/2021	13.23	PO	To attend Hot Spot
Vankuswade - Kdph	IntraState	16/09/2021	10.05	16/09/2021	17.40	PO	Insulator Replacement Work
Bombay Dyeing - Sahara	IntraState	16/09/2021	10.20	16/09/2021	17.25	PO	Insulator Replacement Work
Nalasopara-Boisar	IntraState	16/09/2021	10.33		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 KV 200MVA Vijai ICT-2 @Theur	IntraState	15/09/2021	10.05	15/09/2021	12.14	EO	HV R phase bushing tan delta point gasket leakage attending work.
220/132-110/11kv 200MVA ICT 1 @Miraj	IntraState	16/09/2021	14.43	16/09/2021	16.20	EO	Cleaning of fire detector relay sensor.

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