

State Load Despatch Center,Airoli (MSETCL)
Power System Position from 01/Nov/2021 to 07/Nov/2021

Supply Position During Morning Peak (MW)

Date	Time	MSGENCO				Central Sector Receipt	Wind	CPP	SOLAR	TPCL Exch.	MSEDCL Catered Demand	Load Shedding(LS)	MSEDCL Demand (Incl. LS)	TPCL Gen.	R-INFRA Gen.	State Demand Met	State Demand (Incl. LS)	Freq.
		THM	HYDRO	GAS	Total													
		MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	Hzs
01/11/2021	11 Hrs	5720	1259	327	7306	9137	269	4452	1070	-1554	20680	0	20680	921	478	23632	23632	49.97
02/11/2021	11 Hrs	6293	785	228	7306	8816	630	4926	1030	-1566	21142	0	21142	933	466	24107	24107	50.00
03/11/2021	11 Hrs	6564	668	229	7461	8538	343	5049	902	-1564	20729	0	20729	837	443	23573	23573	50.06
04/11/2021	11 Hrs	5304	541	199	6044	7054	401	4599	877	-1208	17767	0	17767	673	410	20058	20058	50.03
05/11/2021	12 Hrs	5666	332	207	6205	6696	482	4640	934	-1304	17653	0	17653	680	458	20095	20095	50.03
06/11/2021	11 Hrs	5223	497	202	5922	7198	553	4628	1022	-1320	18003	0	18003	661	387	20371	20371	49.99
07/11/2021	11 Hrs	4990	324	229	5543	7351	778	4723	1007	-835	18567	0	18567	818	500	20720	20720	49.98
Maximum		6564	1259	327	7461	9137	778	5049	1070	-835	21142	0	21142	933	500	24107	24107	50.06
Minimum		4990	324	199	5543	6696	269	4452	877	-1566	17653	0	17653	661	387	20058	20058	49.97
Average		5680	629	232	6541	7827	494	4717	977	-1336	19220	0	19220	789	449	21794	21794	50.01

Supply Position During Day Peak (MW)

Date	Time	MSGENCO				Central Sector Receipt	Wind	CPP	SOLAR	TPCL Exch.	MSEDCL Catered Demand	Load Shedding(LS)	MSEDCL Demand (Incl. LS)	TPCL Gen.	R-INFRA Gen.	State Demand Met	State Demand (Incl. LS)	Freq.
		THM	HYDRO	GAS	Total													
		MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	Hzs
01/11/2021	13 Hrs	6036	944	284	7264	8331	135	4809	1132	-1622	20049	0	20049	915	471	23057	23057	49.99
02/11/2021	13 Hrs	6480	322	226	7028	8527	534	4960	1099	-1847	20301	0	20301	774	396	23318	23318	50.01
03/11/2021	13 Hrs	6244	289	227	6760	8727	328	5011	995	-1740	20081	0	20081	706	435	22962	22962	50.01
04/11/2021	15 Hrs	5753	260	186	6199	6642	335	4904	733	-1228	17585	0	17585	674	384	19871	19871	50.03
05/11/2021	13 Hrs	5754	395	195	6344	6352	482	4575	903	-1336	17320	0	17320	657	445	19758	19758	50.07
06/11/2021	14 Hrs	5456	262	194	5912	6999	150	4718	938	-1297	17420	0	17420	658	385	19760	19760	50.04
07/11/2021	13 Hrs	5239	919	221	6379	6920	499	4682	1097	-1160	18418	0	18418	644	379	20600	20600	49.97
Maximum		6480	944	284	7264	8727	534	5011	1132	-1160	20301	0	20301	915	471	23318	23318	50.07
Minimum		5239	260	186	5912	6352	135	4575	733	-1847	17320	0	17320	644	379	19758	19758	49.97
Average		5852	484	219	6555	7500	352	4808	985	-1461	18739	0	18739	718	414	21332	21332	50.02

Supply Position During Evening Peak (MW)

Date	Time	MSGENCO				Central Sector Receipt	Wind	CPP	SOLAR	TPCL Exch.	MSEDCL Cateder Demand	Load Shedding(LS)	MSEDCL Demand (Incl. LS)	TPCL Gen.	R-INFRA Gen.	State Demand Met	State Demand (Incl. LS)	Freq.
		THM	HYDRO	GAS	Total													
		MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	Hzs
01/11/2021	19 Hrs	6059	1339	310	7708	7458	415	4826	0	-1278	19128	0	19128	1217	351	21974	21974	50.04
02/11/2021	19 Hrs	6706	859	229	7794	6906	428	5109	2	-1329	18910	0	18910	1175	416	21830	21830	50.07
03/11/2021	19 Hrs	6454	318	229	7001	6979	201	4928	0	-1352	17757	0	17757	1069	354	20532	20532	50.06
04/11/2021	19 Hrs	5472	296	240	6008	5265	355	4641	1	-1213	15057	0	15057	918	351	17539	17539	50.13
05/11/2021	19 Hrs	5209	792	198	6199	5493	342	4551	1	-1226	15360	0	15360	846	402	17834	17834	50.00
06/11/2021	19 Hrs	5673	339	231	6243	4967	311	5228	2	-1042	15709	0	15709	1031	356	18138	18138	50.00
07/11/2021	19 Hrs	6034	587	224	6845	5074	314	5429	0	-1035	16627	0	16627	887	359	18908	18908	49.99
Maximum		6706	1339	310	7794	7458	428	5429	2	-1035	19128	0	19128	1217	416	21974	21974	50.13
Minimum		5209	296	198	6008	4967	201	4551	0	-1352	15057	0	15057	846	351	17539	17539	49.99
Average		5944	647	237	6828	6020	338	4959	1	-1211	16936	0	16936	1020	370	19536	19536	50.04

Supply Position During Night Off Peak (MW)

Date	Time	MSGENCO				Central Sector Receipt	Wind	CPP	SOLAR	TPCL Exch.	MSEDCL Cateder Demand	Load Shedding(LS)	MSEDCL Demand (Incl. LS)	TPCL Gen.	R-INFRA Gen.	State Demand Met	State Demand (Incl. LS)	Freq.
		THM	HYDRO	GAS	Total													
		MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	Hzs
01/11/2021	4 Hrs	5798	276	302	6376	5907	421	4526	0	-870	16360	0	16360	595	391	18216	18216	49.96
02/11/2021	24 Hrs	5776	283	243	6302	5815	897	4446	0	-1311	16149	0	16149	738	421	18619	18619	50.03
03/11/2021	24 Hrs	5734	433	203	6370	5380	408	4707	0	-1272	15593	0	15593	708	435	18008	18008	49.99
04/11/2021	24 Hrs	4650	250	204	5104	5046	485	4253	0	-1317	13571	0	13571	671	358	15917	15917	50.00
05/11/2021	2 Hrs	4933	253	203	5389	4706	496	4387	0	-1167	13811	0	13811	623	360	15961	15961	49.97
06/11/2021	24 Hrs	4609	327	233	5169	5246	607	4190	0	-1234	13978	0	13978	666	323	16201	16201	49.95
07/11/2021	2 Hrs	4811	266	238	5315	4964	736	4682	0	-1125	14572	0	14572	568	335	16600	16600	49.97
Maximum		5798	433	302	6376	5907	897	4707	0	-870	16360	0	16360	738	435	18619	18619	50.03
Minimum		4609	250	203	5104	4706	408	4190	0	-1317	13571	0	13571	568	323	15917	15917	49.95
Average		5187	298	232	5718	5295	579	4456	0	-1185	14862	0	14862	653	375	17075	17075	49.98

Details of Supply Position (MUs)

Date	MSGENCO				Pench (MS)	Central Sector Receipt	Central Sector Share	WIND	CPP	SOLAR	TPCL Gen.	R-INFRA Gen.	TPCL Exch.	Energy Requirement		
	THM	HYDRO	GAS	Total										MSEDCL	MUMBAI	STATE
	Mus	Mus	Mus	Mus	Mus	Mus	Mus	Mus	Mus	Mus	Mus	Mus	Mus	Mus	Mus	Mus
01/11/2021	139.838	19.417	7.218	166.473	0.609	172.688	177.702	8.097	111.592	7.923	20.348	9.707	-29.947	436.826	60.002	496.828
02/11/2021	150.148	13.342	5.652	169.142	0.658	170.381	174.137	13.629	116.376	7.545	20.089	9.843	-31.183	445.890	61.115	507.005
03/11/2021	149.433	9.495	5.602	164.530	0.749	165.482	169.573	10.497	116.905	6.720	18.590	9.506	-31.690	432.444	59.786	492.230
04/11/2021	131.642	8.786	4.984	145.412	0.766	141.026	143.216	9.480	112.274	6.370	16.746	9.240	-27.460	387.102	53.445	440.547
05/11/2021	126.347	8.611	4.829	139.787	0.741	135.409	135.480	10.989	108.735	6.634	15.693	9.604	-29.188	372.366	54.484	426.850
06/11/2021	127.812	7.978	5.111	140.901	0.766	135.804	137.419	9.706	113.753	7.389	16.732	8.948	-27.543	380.010	53.223	433.233
07/11/2021	129.309	8.137	5.571	143.017	0.537	134.008	137.659	13.559	119.903	7.370	16.343	8.840	-25.000	392.857	50.183	443.040
Maximum	150.148	19.417	7.218	169.142	0.766	172.688	177.702	150.148	119.903	7.923	20.348	9.843	-25.000	445.890	61.115	507.005
Minimum	126.347	7.978	4.829	139.787	0.537	134.008	135.480	126.347	108.735	6.370	15.693	8.840	-31.690	372.366	50.183	426.850
Average	136.361	10.824	5.567	152.752	0.689	150.685	153.598	136.361	114.220	7.136	17.792	9.384	-28.859	406.785	56.034	462.819

Details of Koyna Water Consumption (in TMC)

Date	For the Day	For the Month	Balance
01/11/2021	0.275	0.275	38.555
02/11/2021	0.162	0.437	38.392
03/11/2021	0.069	0.506	38.324
04/11/2021	0.073	0.579	38.251
05/11/2021	0.079	0.657	38.172
06/11/2021	0.066	0.723	38.106
07/11/2021	0.074	0.797	38.032

State Load Despatch Center, Airoli (MSETCL)
Central Sector Share/Drawal from 01/Nov/2021 to 07/Nov/2021

Date	DAY	Central Sector Share		Total Interstate Bilateral Purchase		Total Share		Total Drawal		Overdrawal(+) / UnderDrawal(-)	
		MUs	Avg. MW	MUs	Avg. MW	MUs	Avg. MW	MUs	Avg. MW	MUs	Avg. MW
		1		2		1+2=3		4		3-4=5	
01/11/2021	MONDAY	120.193	7347	57.509	2396	177.702	7404	172.688	7195	-5.014	-209
02/11/2021	TUESDAY	116.429	7198	57.708	2405	174.137	7256	170.381	7099	-3.756	-156
03/11/2021	WEDNESDA	109.949	7006	59.624	2484	169.573	7066	165.482	6895	-4.091	-170
04/11/2021	THURSDAY	95.697	5920	47.519	1980	143.216	5967	141.026	5876	-2.190	-91
05/11/2021	FRIDAY	88.643	5598	46.837	1952	135.480	5645	135.409	5642	-0.071	-3
06/11/2021	SATURDAY	87.706	5676	49.713	2071	137.419	5726	135.804	5658	-1.615	-67
07/11/2021	SUNDAY	88.582	5687	49.077	2045	137.659	5736	134.008	5584	-3.651	-152
Total		707.199		367.987		1075.186		1054.798		-20.388	

Generator Unit Outages/Trippings from 01.11.2021 to 07.11.2021						
Name of Unit	Date Trip	Time Trip	Date Sync	Time Sync	Reason	Outage Type
IEPL Unit 1	28-08-2018	21.26		Continued.	No PPA	FORCED
PGPL U1	07-02-2017	17.3		Continued.	No Schedule (NO PPA)	FORCED
PGPL U2	07-02-2017	17.3		Continued.	No Schedule.(NO PPA)	FORCED
Khaparkheda Unit 5	31-10-2021	13.37	02-11-2021	9.23	Boiler Tube Leakage	FORCED
Chandrapur Unit 3	04-09-2021	23.58		Continued.	Annual Overhaul	PLANNED
Chandrapur Unit 6	17-10-2021	18.4		Continued.	Boiler Tripped On Total Air Flow less than 30%.(Converted to AOH 00:00 hrs 18.10.2021)	PLANNED
Chandrapur Unit 7	04-11-2021	6.33	04-11-2021	18.25	Turbine Overspeed	FORCED
Koradi Unit 7	27-04-2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	FORCED
Nasik Unit 3	30-08-2021	22.51		Continued.	Against case 4.which was outage on Loss of Fuel(From 19.44Hrs DT.26-08-2021	FORCED
Nasik Unit 4	03-11-2021	21.02		Continued.	Zero Schedule By MSEDCL	FORCED
Nasik Unit 5	19-09-2021	20.5	01-11-2021	2.06	Coal Shortage.	FORCED
Parli Unit 6	04-11-2021	16.5	09-11-2021	10.32	Zero schedule	FORCED
Paras Unit 3	27-10-2021	19.05		Continued.	Air heater problem	FORCED
Paras Unit 4	31-10-2021	13.45	02-11-2021	7.01	Boiler Tube Leakage	FORCED
JSW (J) U1	02-09-2021	8.41		Continued.	Turbine vibrations high.	FORCED
JSW (J) U4	22-10-2021	21.45		Continued.	Due to no schedule.	FORCED
SWPGPL U-1	16-02-2016	17.09		Continued.	No PPA.	FORCED
SWPGPL U-2	31-10-2021	23.47	03-11-2021	5.58	ID Fan Vibration High.	FORCED
SWPGPL U-4	28-10-2021	20.18	04-11-2021	0.49	Bearing vibration high	FORCED
RPL(AMT) U-1	05-10-2021	22.15	08-11-2021	0.05	Coal Shortage	FORCED
RPL(AMT) U-2	29-09-2021	1.15		Continued.	Coal Shortage	FORCED
VIPL U-1	29-12-2018	0.3		Continued.	Coal Shortage. (NO PPA From 20.05.2019)	FORCED
VIPL U-2	17-01-2019	0.15		Continued.	Coal shortage.(NO PPA From 20.05.2019)	FORCED
Uran Unit 5	02-11-2021	0.21	05-11-2021	8.01	Gas shortage	FORCED
Uran Unit 5	07-11-2021	23.28		Continued.	Turbine problem.	FORCED
Uran Unit 6	05-11-2021	7.56	07-11-2021	23.12	Gas shortage	FORCED
Uran Unit 7	25-05-2020	12.51		Continued.	Turbine Blade Failure	FORCED
Uran Unit A0	10-09-2021	1.54		Continued.	Turbine bearing Vabration high	FORCED
Uran Unit B0	31-10-2021	21.07	01-11-2021	3.16	Gas Skid Fault.	FORCED

Transmission Line Outages/Trippings from 01.11.2021 to 07.11.2021

Name of Line	Date Trip	Time Trip	Date Sync	Time Sync	Reason	Outage Type	Voltage
Karad Solapur (PG)	03-05-2017	11.49		Continued.	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403	PO	400 KV
Mudshingi Chikodi	24-09-2019	17.12		Continued.	No Schedule(Charge from Mudshingi end only)	PO	220 KV
Talandage - Chikodi	01-10-2019	17.1		Continued.	No Schedule(Close at Chikodi end only)	PO	220 KV
Khadka-Aurangabad (Waluj)	11-10-2021	12.33	07-11-2021	17.52	Height raising/shifting work of S/C 400kv Waluj- Bhusawa line for Samruddhi Mahamarg. ie. 1) Dismantling of loc no.	PO	400 KV
Padegaon-Sawangi	29-10-2021	8.23	04-11-2021	15.3	Height raising at 1st crossing form LOC no.38 to LOC no41 & 2nd crossing form LOC no.22 to 23 for samruddhi mahamarg crossing (ORC) packing NME.	PO	220 KV
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	01-11-2021	14.58	01-11-2021	17.45	To attend hot spot at Yph of C bus isolator towards CT	EO	400 KV
400/220/33 Kv 315 Mva Ict- 2 @Kharghar	01-11-2021	15.06	01-11-2021	18.15	Attending Hot Spot	EO	400 KV
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	01-11-2021	18.18	01-11-2021	22.32	Attending Hot Spot	EO	400 KV
Ektuni-Taptitanda II	01-11-2021	11.59	01-11-2021	15.16	Attending Hot Spot	EO	400 KV
Karad-Jaigad - I	01-11-2021	13.3	01-11-2021	16.47	Attending Hot Spot	EO	400 KV
Mumewadi -Halkarni ckt-I	01-11-2021	22.44	01-11-2021	23.4	Distance Protection	T	220 KV
Talandage - Sawantwadi I	01-11-2021	8.3	01-11-2021	19.09	Attending hotspot at tower loc no, 296, 331, 364.	PO	220 KV
Talandge(400kv)- Ichalkaranji ckt-1	01-11-2021	9.03	01-11-2021	10.14	For replacement of flashover insulator string at T.L. No 37 R- Ph found during aerial patrolling.	PO	220 KV
Talandge(400kv)- Ichalkaranji ckt-2	01-11-2021	10.25	01-11-2021	12.21	1) For Quarterly bay maintenance work. 2) Diagnostic testing:- CT C and tan delta testing.	PO	220 KV
Talandge-Mudshingi Ckt-I	01-11-2021	13.03	01-11-2021	18	Quarterly maintenance work& Diagnostic testing work.	PO	220 KV
WARDHA WARDHA (PG) (DEOLI)	01-11-2021	11.19	01-11-2021	21	CVT leakage at wardha pg end.	EO	220 KV
220/132kv 200mva Vijai Ptr 1 @Lonand	02-11-2021	9.25	02-11-2021	12.41	Diagnostic Testing Work.	PO	220 KV
220/132kv 200mva Vijai Ptr 2 @Lonand	02-11-2021	12.51	02-11-2021	16.3	Diagnostic Testing Work.	PO	220 KV
BHALVANI VARKUTI MALWADI	02-11-2021	11.05	02-11-2021	15.17	String Replacement work at loc no.35 & 36 B-phase.	PO	220 KV
Nagothane - Posco	02-11-2021	10.22	02-11-2021	18.2	Emergency tree cutting At loc no. 414-415,417-418,419-420,425-426 And other line maintenance work.	EO	220 KV
Sawantwadi-Bidri	02-11-2021	8.18	02-11-2021	18.3	Attending Hot Spot	PO	220 KV
Uran - Kharghar 2	02-11-2021	8.1	02-11-2021	13.53	Uran-1 to be in service.	PO	220 KV
Uran - Kharghar 1	02-11-2021	14.12	02-11-2021	18.03	Uran-2 to be in service.	PO	220 KV
400/220 KV 315 MVA ICT-I @ Nagothane	03-11-2021	11.06	03-11-2021	14.27	checking of Main conservator air cell and topping of oil	PO	400 KV
Kandalgaon - Koyna (Pophali)	03-11-2021	12.05	03-11-2021	18.25	Tree cutting	EO	220 KV
Karad - Jaigad - II	03-11-2021	20.35	08-11-2021	9.29	Over Voltage	HT	400 KV
Mahalakshmi Amona	03-11-2021	21.45	03-11-2021	23.24	Distance Protection	T	220 KV
Solapur(PG)- Jeur	03-11-2021	19.41	04-11-2021	6.42	Distance Protection	T	220 KV
Walchandnagar-Bhigwan	03-11-2021	10.35	03-11-2021	14.05	Sparking of Main Bus Isolator of Walchandnagar Bay	EO	220 KV
220/132 Kv 200 Mva Cgl Ict 1 @Boisar-Ii	04-11-2021	13.58	04-11-2021	17.47	Attending Hot Spot	EO	220 KV
220/132 kV 200 Mva ICT-II @Boisar-Ii	04-11-2021	9.38	04-11-2021	12.45	Attending Hot Spot	EO	220 KV
Adlabs - Pedambe	04-11-2021	17.53	05-11-2021	13.15	Distance Protection	T	220 KV
Dasturi-Kandalgaon Line	04-11-2021	17.55	05-11-2021	15.17	Distance Protection	T	220 KV
Jejuri (400 Kv)- Baramati Ii	04-11-2021	19.57	05-11-2021	5.41	Coupling capacitor burst R-ph	T	220 KV
Lonikand I - Koyna stage-IV	04-11-2021	21.31	05-11-2021	7.23	Over Voltage	HT	400 KV
Oni Kharepatan Line	04-11-2021	15.01	04-11-2021	16.16	Backup protection operated	T	220 KV
Lonikand I - Koyna stage-IV	05-11-2021	20.56	06-11-2021	9.16	Over Voltage	HT	400 KV
Mahalakshmi Amona	05-11-2021	15.46	05-11-2021	18	Distance Protection	T	220 KV
Ranjangaon-Fiat 1	05-11-2021	6.46	05-11-2021	17.55	Annual Maintenance Work	PO	220 KV
Ranjangaon-Fiat 2	05-11-2021	6.46	05-11-2021	17.55	Annual Maintenance Work	PO	220 KV
220/132 Kv 200 Mva Vijai Ict 1 @Ranjangaon	06-11-2021	18.1	06-11-2021	22.4	Half yearly maintenance work	PO	220 KV
Chakan Talegaon(Pg)	06-11-2021	10.23	06-11-2021	18	Line AMP and relay testing work.	PO	400 KV
Chalisgaon-Pimparkhed	06-11-2021	18.39	06-11-2021	21.2	Diagnostic testing work.	PO	220 KV
Lonikand I - Koyna stage-IV	06-11-2021	20.48	07-11-2021	8.14	Over Voltage	HT	400 KV
Sawantwadi-Bidri	06-11-2021	21.18	07-11-2021	9.54	Over Voltage	HT	220 KV
400/220 Kv 500 Mva ICT- I @Jejuri	07-11-2021	11.43	07-11-2021	13.09	Monkey fault.	HT	400 KV
Chandrapur - Padghe Hvdc Pole 1	07-11-2021	9.49	07-11-2021	11.05	DC line protection.	T	500 KV
Chikhli-Jalna-I	07-11-2021	6.13		Continued.	To control overloading of Akola ICT as Paras U3 not available and Paras U4 less gen 85MW.	HT	220 KV
Chikhli-Jalna-II	07-11-2021	6.13		Continued.	To control overloading of Akola ICT as Paras U3 not available and Paras U4 less gen 85MW.	HT	220 KV
Khadka-Aurangabad (Waluj)	07-11-2021	20.51	08-11-2021	8.49	Over Voltage	HT	400 KV
Padgha-Temghar-II	07-11-2021	13.16	07-11-2021	17.3	Attending Hot Spot	EO	220 KV
Sawantwadi-Bidri	07-11-2021	20.28	08-11-2021	9.13	Over Voltage	HT	220 KV
220/100 Kv 100 Mva Emco Ict 1 @Tambati	11-11-2021	22.15		Continued.	Due to differential relay faulty	HT	220 KV
220/132 Kv 200 Mva Cgl Ict 3 @Babhleshwar	11-11-2021	9.32		Continued.	Replacement of HV BPI & HV bus isolator RCC structure by lattice structure	PO	220 KV
Karad-Jaigad - I	11-11-2021	0.2		Continued.	Over Voltage	HT	400 KV
Khadka-Aurangabad (Waluj)	11-11-2021	19.31		Continued.	Over Voltage	HT	400 KV
Khadka-Aurangabad (Waluj)	31-12-2021	17.33		Continued.	Over Voltage	HT	400 KV