

State Load Despatch Center,Airoli (MSETCL)
Power System Position from 29/Nov/2021 to 05/Dec/2021

Supply Position During Morning 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
29/11/2021	11 Hrs	6409	384	235	7028	6854	869	6198	812	-1444	20317	0	20317	1048	296	23105	23105	50.00
30/11/2021	11 Hrs	6498	1009	143	7650	7160	448	6171	656	-1509	-137926	0	-137926	932	387	23404	23404	50.00
01/12/2021	11 Hrs	6578	334	251	7163	6270	695	6144	566	-1292	15021	0	15021	972	466	22276	22276	49.99
02/12/2021	11 Hrs	5964	262	146	6372	5768	578	5881	287	-1194	14122	0	14122	915	380	20181	20181	50.03
03/12/2021	10 Hrs	6038	439	143	6620	6299	163	5904	467	-1292	15667	0	15667	850	480	20783	20783	50.03
04/12/2021	11 Hrs	6079	292	142	6513	6447	170	5903	673	-1323	16262	0	16262	813	473	20992	20992	50.03
05/12/2021	10 Hrs	5783	206	145	6134	6212	72	6049	625	-935	17805	0	17805	628	502	20222	20222	49.95
Maximum		6578	1009	251	7650	7160	869	6198	812	-935	20317	0	20317	1048	502	23404	23404	50.03
Minimum		5783	206	142	6134	5768	72	5881	287	-1509	-137926	0	-137926	628	296	20181	20181	49.95
Average		6193	418	172	6783	6430	428	6036	584	-1284	-5533	0	-5533	880	426	21566	21566	50.00

Supply Position During Day 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
29/11/2021	13 Hrs	5919	243	222	6384	6744	808	5952	863	-1533	19218	0	19218	1012	299	22062	22062	50.05
30/11/2021	13 Hrs	6445	321	141	6907	6942	354	6085	677	-1553	-129333	0	-129333	942	357	22264	22264	50.00
01/12/2021	13 Hrs	6036	190	259	6485	6312	556	5523	612	-1320	13712	0	13712	888	441	20817	20817	49.87
02/12/2021	18 Hrs	6057	481	154	6692	5245	127	5673	8	-1064	13104	0	13104	941	382	19068	19068	49.98
03/12/2021	13 Hrs	5006	273	140	5419	6643	63	5173	737	-1502	14050	0	14050	735	491	19261	19261	50.00
04/12/2021	13 Hrs	5165	513	140	5818	6548	78	5321	795	-1386	15106	0	15106	737	500	19797	19797	50.00
05/12/2021	13 Hrs	5005	248	142	5395	6321	47	5247	946	-1058	16548	0	16548	659	501	19116	19116	49.96
Maximum		6445	513	259	6907	6942	808	6085	946	-1058	19218	0	19218	1012	501	22264	22264	50.05
Minimum		5005	190	140	5395	5245	47	5173	8	-1553	-129333	0	-129333	659	299	19068	19068	49.87
Average		5662	324	171	6157	6394	290	5568	663	-1345	-5371	0	-5371	845	424	20341	20341	49.98

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
29/11/2021	19 Hrs	6347	694	128	7169	5729	558	6183	0	-1238	18401	0	18401	1148	434	21221	21221	50.03
30/11/2021	19 Hrs	6494	687	234	7415	5654	425	6249	3	-1094	-147885	0	-147885	1229	489	21464	21464	49.99
01/12/2021	19 Hrs	6214	626	260	7100	4759	997	5760	0	-888	13127	0	13127	1124	423	20163	20163	50.00
02/12/2021	19 Hrs	6107	880	144	7131	5257	128	5821	0	-965	13659	0	13659	996	499	19832	19832	50.00
03/12/2021	19 Hrs	5906	1168	142	7216	5095	336	5504	0	-1044	14438	0	14438	1088	478	19717	19717	49.95
04/12/2021	19 Hrs	5668	1288	143	7099	5486	132	6002	0	-927	15502	0	15502	1150	502	20371	20371	49.99
05/12/2021	19 Hrs	5895	394	152	6441	5684	76	5789	0	-738	16887	0	16887	1012	435	19437	19437	50.02
Maximum		6494	1288	260	7415	5729	997	6249	3	-738	18401	0	18401	1229	502	21464	21464	50.03
Minimum		5668	394	128	6441	4759	76	5504	0	-1238	-147885	0	-147885	996	423	19437	19437	49.95
Average		6090	820	172	7082	5381	379	5901	0	-985	-7982	0	-7982	1107	466	20315	20315	50.00

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
29/11/2021	4 Hrs	4848	215	144	5207	5126	1092	4823	0	-969	15279	0	15279	510	284	17042	17042	50.02
30/11/2021	24 Hrs	5099	205	247	5551	4947	632	4996	0	-1298	12912	0	12912	601	419	17146	17146	50.05
01/12/2021	24 Hrs	4627	194	259	5080	3905	886	4485	0	-910	9434	0	9434	533	287	15176	15176	49.95
02/12/2021	3 Hrs	4356	242	239	4837	3469	665	4790	0	-608	10352	0	10352	532	291	14584	14584	49.97
03/12/2021	3 Hrs	4298	195	156	4649	4530	101	4833	0	-824	11326	0	11326	446	365	14924	14924	50.00
04/12/2021	3 Hrs	4235	208	146	4589	4577	242	4742	0	-635	11879	0	11879	587	391	15128	15128	49.90
05/12/2021	2 Hrs	4841	199	147	5187	4749	76	4860	0	-779	13792	0	13792	599	387	15858	15858	50.00
Maximum		5099	242	259	5551	5126	1092	4996	0	-608	15279	0	15279	601	419	17146	17146	50.05
Minimum		4235	194	144	4589	3469	76	4485	0	-1298	9434	0	9434	446	284	14584	14584	49.90
Average		4615	208	191	5014	4472	528	4790	0	-860	12139	0	12139	544	346	15694	15694	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
29/11/2021	137.283	7.419	3.841	148.543	0.111	143.936	145.754	20.307	135.613	5.519	18.909	7.403	-31.327	422.591	57.639	480.230
30/11/2021	142.960	9.324	4.427	156.711	0.220	140.223	143.615	13.351	138.763	4.234	18.493	9.454	-30.363	422.919	58.310	481.229
01/12/2021	136.913	6.158	5.757	148.828	0.100	125.559	132.412	23.429	129.260	3.904	18.859	9.348	-25.354	396.113	53.561	459.187
02/12/2021	127.177	7.966	4.244	139.387	0.149	118.070	120.997	9.965	125.749	2.283	17.458	8.289	-23.069	364.407	48.813	421.198
03/12/2021	124.994	9.300	3.483	137.777	0.014	130.190	131.130	4.519	122.964	4.670	17.324	10.389	-26.040	366.033	53.753	427.833
04/12/2021	128.292	8.246	3.502	140.040	0.000	130.115	132.728	4.036	129.772	5.125	18.386	10.443	-23.499	378.158	52.328	438.623
05/12/2021	126.330	5.820	3.487	135.637	0.051	129.706	131.010	2.018	130.647	5.987	16.511	10.066	-20.754	373.541	47.331	430.572
Maximum	142.960	9.324	5.757	156.711	0.220	143.936	145.754	142.960	138.763	5.987	18.909	10.443	-20.754	422.919	58.310	481.229
Minimum	124.994	5.820	3.483	135.637	0.000	118.070	120.997	124.994	122.964	2.283	16.511	7.403	-31.327	364.407	47.331	421.198
Average	131.993	7.748	4.106	143.846	0.092	131.114	133.949	131.993	130.395	4.532	17.991	9.342	-25.772	389.109	53.105	448.410

Details of Koyna Water Consumption (in TMC)

Date	For the Day	For the Month	Balance
29/11/2021	0.070	3.137	35.692
30/11/2021	0.120	3.257	35.572
01/12/2021	0.049	0.049	35.523
02/12/2021	0.086	0.135	35.437
03/12/2021	0.122	0.258	35.315
04/12/2021	0.094	0.352	35.221
05/12/2021	0.044	0.396	35.176

State Load Despatch Center,Airoli (MSETCL)
Central Sector Share/Drawal from 29/Nov/2021 to 05/Dec/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	
29/11/2021	MONDAY	145.754	6073	0.000	0	145.754	6073	143.936	5997	-1.818	-76
30/11/2021	TUESDAY	132.745	5973	10.870	453	143.615	5984	140.223	5843	-3.392	-141
01/12/2021	WEDNESDA	107.223	5492	25.189	1050	132.412	5517	125.559	5232	-6.853	-286
02/12/2021	THURSDAY	99.640	5020	21.357	890	120.997	5042	118.070	4920	-2.927	-122
03/12/2021	FRIDAY	104.160	5437	26.970	1124	131.130	5464	130.190	5425	-0.940	-39
04/12/2021	SATURDAY	83.385	5481	49.343	2056	132.728	5530	130.115	5421	-2.613	-109
05/12/2021	SUNDAY	80.881	5409	50.129	2089	131.010	5459	129.706	5404	-1.304	-54
Total		753.790		183.856		937.646		917.799		-19.847	

Generator Unit Outages/Trippings from 29.11.2021 to 05.12.2021

Name of Unit	Date Trip	Time Trip	Date Sync	Time Sync	Reason	Outage Type
SWPGL U-1	16-02-2016	17.09		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
IEPL Unit 1	28-08-2018	21.26		Continued.	No PPA	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 7	25-05-2020	12.51		Continued.	Turbine Blade Failure	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
JSW (J) U1	02-09-2021	8.41		Continued.	Turbine vibrations high.	FORCED
Uran Unit A0	10-09-2021	1.54		Continued.	Turbine bearing Vabration high	FORCED
Uran Unit 5	07-11-2021	23.28		Continued.	Turbine problem.	FORCED
Adani U-4	10-11-2021	23.58		Continued.	Capital Overhauling	PLANNED
RPL(AMT) U-4	13-11-2021	07:15	03-12-2021	23:59	BOTTOM ASH PROBLEM	FORCED
RPL(AMT) U-4	16-11-2021	0	03-12-2021	23:59	Coal Shortage	FORCED
JSW (J) U2	19-11-2021	01:26		Continued.	No Schedule	FORCED
Koyna STG-IV Unit-4	22-11-2021	9.55		Continued.	Annual Overhaul	PLANNED
Chandrapur Unit 3	23-11-2021	12.02		Continued.	ID Fan Problem	FORCED
Parli Unit 7	28-11-2021	23.57		Continued.	Zero Schedule.	FORCED
Uran Unit 6	28-11-2021	22	29-11-2021	7.56	Gas shortage	FORCED
Chandrapur Unit 6	29-11-2021	15.03	29-11-2021	21.4	UAT 6C Buchholz relay	FORCED
Trombay 7A	29-11-2021	23.51	30-11-2021	12.03	Gas shortage	FORCED
Trombay 7B	29-11-2021	23.45	30-11-2021	14.52	Gas shortage	FORCED
Khaparkheda Unit 4	01-12-2021	16:34	02-12-2021	20:11	Furnace Pressure High	FORCED
Parli Unit 8	02-12-2021	04:00		Continued.	ZERO SCHEDULE	FORCED
Koyna Unit 7	02-12-2021	08:10	02-12-2021	18:20	Preventive Maintenance Work	FORCED
Chandrapur Unit 4	02-12-2021	00:17	04-12-2021	11:29	Boiler Tube Leakage	FORCED
Bhusawal Unit 3	02-12-2021	23:25		Continued.	Boiler Tube Leakage	FORCED
Parli Unit 6	02-12-2021	00:00		Continued.	ZERO SCHEDULE	FORCED
Trombay 7A	02-12-2021	17:22	03-12-2021	18:13	Gas shortage	FORCED
Trombay 7B	02-12-2021	17:13	03-12-2021	22:03	Gas shortage	FORCED
Uran Unit 6	02-12-2021	07:45		Continued.	Gas shortage	FORCED
SWPGL U-3	03-12-2021	18:37	05-12-2021	08:45	PA Fan problem	FORCED
Chandrapur Unit 5	04-12-2021	12:41	06-12-2021	04:57	FD Fan Problem.	FORCED
Khaparkheda Unit 4	05-12-2021	20:45	06-12-2021	04:18	Furnace Pressure High	FORCED
Chandrapur Unit 6	05-12-2021	10:08		Continued.	Boiler Tube Leakage	FORCED

Transmission Line Outages/Trippings from 29.11.2021 to 05.12.2021							
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
220/132 Kv 200 Mva Cgl Ict 1 @Boisar-li	26-11-2021	10.12		Continued.	Bay Maintenance work(after outage while charging at 15.03Hrs Y Phase HV/LV Bushing Blast)	PO	220 KV
Chandrapur - Padghe Hvdc Pole 1	26-11-2021	14.3	29-11-2021	23.29	Annual Maintenance Work	PO	500 KV
Borivali - Tarapur	28-11-2021	3.24	29-11-2021	1.08	Distance Protection	T	220 KV
Khadka-Aurangabad (Waluj)	28-11-2021	21.43		Continued.	Over Voltage	T	400 KV
Sawantwadi-Bidri	28-11-2021	23.45	29-11-2021	8.28	Over Voltage	HT	220 KV
220/100 Kv 200 MVA ICT-I @Borivali	29-11-2021	12.07	29-11-2021	16.49	Diagnostic testing, SFRA.	PO	220 KV
220/100 kv 200 MVA ICT II @Padghe	29-11-2021	10.45	29-11-2021	23.44	1. For Attending Hotspot 2. Retrofitting of REF relay for MTAMC work 3. Diagnostic Testing Work.	PO	220 KV
220/132 Kv Ict 1 200 Mva @Parbhani	29-11-2021	15.25	29-11-2021	22.4	To attend Hot Spot	EO	220 KV
220/132kv 100mva Ptr 1 @Kharepatan	29-11-2021	7.11	29-11-2021	15.16	Quarterly Maintenance Work	PO	220 KV
220/66 Kv 150 Mva Emco Ict 2 @Gadchandur	29-11-2021	9.1	29-11-2021	15.45	LA replacement.	PO	220 KV
400/220kv, 500 MVA ICT-II @Deepnagar	29-11-2021	13.07	29-11-2021	19.01	Tan Delta Measurment of CTs	PO	400 KV
Arey - TPC Borivali	29-11-2021	9.22		Continued.	METRO WORK	PO	220 KV
Bus Coupler @ Koradi	29-11-2021	10.21	29-11-2021	17.03	CT TAN delta measurement	PO	220 KV
Jaigad-Karad Ckt-II	29-11-2021	0.04		Continued.	Over Voltage	HT	400 KV
Kandalgaon - ONGC Panvel	29-11-2021	9.3	29-11-2021	19.07	Replacement of existing earthwire by new OPGW from Loc no. 603 to 640.	PO	220 KV
Lonikand I - Koyna stage-IV	29-11-2021	0.06	29-11-2021	9.35	Over Voltage	HT	400 KV
Peth- Mudshingi -I	29-11-2021	10.1	29-11-2021	14.03	Diagnostic testing work & Q.M work.	PO	220 KV
Talandge(400kv)- Sawantwadi(Insuli)	29-11-2021	9.03	29-11-2021	16.07	Bay Maintenance work	PO	220 KV
Uran - Jnpt	29-11-2021	9.36	29-11-2021	13.3	Installation of bird guard at suspension locations and routine maintenance work.	PO	220 KV
220/132kv 100mva Ptr 2 @Kharepatan	30-11-2021	8.02	30-11-2021	11.08	Quarterly Maintenance Work	PO	220 KV
220/22 Kv 50 Mva Areva Ptr 2 @Mulund	30-11-2021	9.43	30-11-2021	15.56	Transformer painting work	PO	220 KV
Chandrapur - Khaperkheda	30-11-2021	9.58	30-11-2021	13.22	Replacement work	EO	400 KV
Ghodbunder - Gorai	01-12-2021	0.43		Continued.	METRO WORK	PO	220 KV
Ghodbunder - Versova	01-12-2021	0.52		Continued.	METRO WORK	PO	220 KV
Sawantwadi-Bidri	01-12-2021	0.2		Continued.	Over Voltage	HT	220 KV