

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Dec/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	136.314	4198.548	1) Gujrat	4.384	57.052
2) Hydro	16.205	287.094	2) Madhya Pradesh	8.160	209.625
3) Gas	3.480	187.341	3) Chattisgarh	5.790	182.410
Total MSPGCL	155.999	4672.983	4) Maharashtra	153.919	4260.028
B) 1) APLM	15.716	1347.583	5) Goa (Amona)	-0.753	-37.959
2) JSWEL	18.834	548.549	Total	171.500	4671.156
3) VIPL	0.000	0.000	a) Mumbai Schedule	12.643	498.039
4) RPL(AMT)	25.737	292.529	b) Mumbai Drawl	15.060	568.543
5) WPCL	6.168	218.835	c) MSEDCL Bilateral *	44.366	1139.071
6) Other IPP	17.581	526.667	Include PX	15.006	318.368
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	12.643	497.062
C) 1) TPCL Thermal	13.842	401.182	Include PX	6.814	282.117
2) TPCL Hydro	3.768	94.636	Standby	0.000	0.978
3) TPCL Gas	2.140	102.686	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.980	280.076	1) MSEDCL	413.295	12230.740
D) STATE			2) Mumbai Discoms	44.789	1447.121
1) Thermal	244.172	7813.969	TOTAL STATE	458.084	13677.861
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	19.973	381.730			
3) Gas (A3+B7+C3)	5.620	290.027			
4) Wind	10.405	328.891			
6) SOLAR	6.415	192.090			
TOTAL STATE	286.585	9006.707			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5712	5809	5741	5258
MSPGCL Hydro	1618	1140	1232	160
MSPGCL Gas	150	150	130	150
MSPGCL Total Generation	7480	7100	7102	5568
Central Sector Receipt	9325	8433	6212	5733
WIND	352	248	325	482
CPP / IPP Thermal	3881	3723	3887	3014
CPP / IPP Gas	0	0	0	0
SOLAR	811	1014	0	0
Exchange with Mumbai	-713	-718	-653	-476
MSEDCL DEMAND MET	21136	19800	16874	14322
Load Shedding	0	0	0	0
MSEDCL DEMAND	21136	19800	16874	14322
TPCL GENERATION	1053	1086	1081	509
AEML GENERATION	500	499	500	283
MUMBAI DEMAND	2266	2303	2234	1268
STATE DEMAND MET	23402	22102	19108	15590
STATE DEMAND	23402	22102	19108	15590
Frequency (Hz)	50.02	49.99	50.02	49.90

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 14:03 Hrs	49.77 Hz at 05:14 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 30/Dec/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.27	70.54	140	0
Unit 7	2.79	47.96	122	104
Unit 8	13.63	367.73	596	521
Unit 9	12.60	265.21	535	516
Unit 10	0.00	17.23	0	0
Total	31.30	768.66		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.92	297.53	480	445
Unit 5	0.00	252.84	0	0
Total	10.92	550.37		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.41	150.42	255	160
Unit 7	5.29	152.55	249	158
Unit 8	5.44	147.25	250	168
Total	16.14	450.23		
Chandrapur				
Unit 3	3.54	99.42	155	115
Unit 4	3.45	107.18	150	139
Unit 5	9.48	273.90	425	275
Unit 6	2.60	233.67	416	19
Unit 7	9.64	174.97	450	280
Unit 8	0.00	208.25	0	0
Unit 9	10.78	306.31	481	410
Total	39.49	1403.70		
Paras				
Unit 3	5.51	141.69	254	170
Unit 4	5.37	143.93	240	204
Total	10.87	285.62		
Khaparkheda				
Unit 1	2.79	100.93	140	105
Unit 2	3.82	113.52	180	130
Unit 3	3.77	33.87	170	130
Unit 4	4.20	124.48	190	145
Unit 5	9.08	269.95	400	350
Total	23.66	642.74		
Nasik				
Unit 3	0.00	7.70	0	0
Unit 4	3.93	89.52	198	127
Unit 5	0.00	0.00	0	0
Total	3.93	97.22		
Uran				
All Units	3.48	187.34	160	130
Total	3.48	187.34		
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)	0.52	6.43	26	16

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.52	6.43		
Koyna				
Stage 1-2	2.40	91.29	260	15
Stage 4	7.86	87.38	745	0
Stage 3	2.50	38.74	320	0
Total	12.77	217.41		
Hydro				
KDPH	0.44	9.48	19	19
VTRNA	0.00	0.00	0	0
TILLARI	0.00	1.83	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	5.78	40	0
RNGR+BHTSA	0.36	10.56	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.36	0.73	15	15
SMLHY_PTN	0.63	12.40	27	26
GHATGHAR	1.30	28.89	250	0
Total	3.44	69.68		
Wind				
Total	10.40	328.89	0	0
Total	10.40	328.89		
CPP				
APML(Mus)	15.72	1347.58	0	0
JSWEL(Mus)	18.83	548.55	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	25.74	292.53	0	0
WPCL(Mus)	6.17	218.84	0	0
Other(Mus)	17.58	526.67	0	0
Total	84.04	2934.16		
SOLAR				
Total	6.42	192.09	0	0
Total	6.42	192.09		
Tata				
Trombay 5	9.20	265.61	465	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.20	63.16	51	49
Trombay 7B	0.94	39.52	40	39
Trombay 8	4.64	135.57	233	136
TATA Hydro	3.77	94.64	316	0
Total	19.75	598.50		
AEML				
DTPS U-1&2	9.98	280.08	501	282
Total	9.98	280.08		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	136.31	4198.55	MSPGCL Total	156.00	4672.98
			MSPGCL Thml+Gas	139.79	4385.89	Koyna 1,2 & 4 Total	10.26	178.68
			MSPGCL Hydro	16.20	287.09	State Total	286.58	9006.71

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/Dec/2020

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	5945	96	160	6202	443	3037	0	0	5690	5521	-649	14554	0	14554	1442	15996	49.95
2	5744	90	140	5974	417	3044	0	0	5870	5399	-570	14264	0	14264	1362	15626	49.94
3	5395	100	150	5646	472	3051	0	0	5959	5633	-511	14290	0	14290	1304	15594	49.93
4	5258	160	150	5568	482	3014	0	0	5941	5733	-476	14322	0	14322	1268	15590	49.90
5	5745	120	150	6016	578	3022	0	0	6165	6221	-482	15354	0	15354	1272	16626	49.95
6	5894	110	150	6154	616	3141	0	0	6872	6805	-561	16156	0	16156	1351	17506	49.92
7	5852	188	150	6190	648	3186	0	4	7855	8132	-547	17612	0	17612	1464	19076	49.99
8	5465	1098	150	6714	657	3689	0	82	7699	8025	-326	18840	0	18840	1620	20460	49.96
9	5576	1570	160	7306	527	3896	0	306	8179	8357	-482	19910	0	19910	1871	21780	50.00
10	5641	1548	140	7328	459	3889	0	609	8122	8483	-574	20194	0	20194	2104	22298	49.94
11	5712	1618	150	7480	352	3881	0	811	8766	9325	-713	21136	0	21136	2266	23402	50.02
12	5784	1456	130	7370	286	3858	0	974	8934	8773	-744	20518	0	20518	2331	22848	49.96
13	5809	1140	150	7100	248	3723	0	1014	8634	8433	-718	19800	0	19800	2303	22102	49.99
14	5742	814	130	6686	166	3717	0	920	8525	8808	-595	19702	0	19702	2185	21888	50.04
15	5736	764	130	6630	88	3755	0	803	8638	8920	-583	19614	0	19614	2175	21788	50.03
16	5713	794	150	6658	63	3783	0	584	8691	8514	-569	19032	0	19032	2167	21200	50.02
17	5739	822	130	6692	79	3800	0	260	7999	8092	-576	18346	0	18346	2163	20510	49.99
18	5696	1020	150	6866	103	3818	0	48	6948	6916	-576	17174	0	17174	2166	19340	50.00
19	5741	1232	130	7102	325	3887	0	0	6313	6212	-653	16874	0	16874	2234	19108	50.02
20	5760	780	150	6690	460	3878	0	0	6306	6172	-655	16544	0	16544	2213	18758	49.97
21	5726	236	140	6102	582	3553	0	0	6292	5890	-726	15400	0	15400	2137	17538	49.98
22	5708	200	150	6058	734	3233	0	0	6125	5966	-933	15058	0	15058	1957	17014	50.02
23	5578	132	150	5860	817	3091	0	0	6022	5594	-979	14382	0	14382	1785	16168	50.00
24	5355	114	140	5610	803	3090	0	0	5946	5576	-862	14216	0	14216	1650	15866	50.00
MUs	136.31	16.21	3.48	156.00	10.40	84.04	0.00	6.42	172.49	171.50	-15.06	413.29	0.00	413.29	44.79	458.09	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 30/Dec/2020

Position as on 6.30 Hrs of 31/Dec/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna STG-IV Unit-2	250	23/11/2020	08.00		Continued.	Capital Overhaul	
MSPGCL	Chandrapur Unit-8	500	20/12/2020	00.00		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
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	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
IPP	JSW (J) U2	300	01/11/2020	04.44		Continued.	No Schedule	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	Economizer Tube Leakage. (Zero Schedule from 18:45hrs of 05.12.2020)	
IPP	Adani U-4	660	15/12/2020	23.48		Continued.	Zero schedule.	
IPP	Adani U-5	660	16/12/2020	03.50		Continued.	Zero schedule.	
IPP	Adani U-1	660	16/12/2020	10.58		Continued.	Withdrawal For RSD.	
IPP	Adani U-3	660	23/12/2020	23.59		Continued.	Turbine Bearing Vibration.	
MSPGCL	Bhusawal Unit 5	500	24/12/2020	21.15		Continued.	Due to clinker formed inside the bottom ash hopper	
MSPGCL	Koradi Unit 10	660	25/12/2020	10.56		Continued.	Boiler Tube Leakage	
CPP	SWPGL U-3	135	28/12/2020	00.00	31/12/2020	17.29	ID Fan Problem	
MSPGCL	Koyna Unit 1	70	28/12/2020	12.10	30/12/2020	20.15	Bus Bar Protection operated	
MSPGCL	Koyna Unit 3	70	28/12/2020	12.10	30/12/2020	20.50	Bus Bar Protection operated	
MSPGCL	Koyna Unit 5	80	28/12/2020	12.10	30/12/2020	16.40	Bus Bar Protection operated	
MSPGCL	Koyna Unit 2	70	28/12/2020	12.10	30/12/2020	20.35	Bus Bar Protection operated	
MSPGCL	Koyna Unit 4	70	28/12/2020	12.10	30/12/2020	19.55	Bus Bar Protection operated	
MSPGCL	Uran Unit 5	108	29/12/2020	18.44	31/12/2020	20.18	Gas shortage	
MSPGCL	Koradi Unit 6	210	30/12/2020	03.09	30/12/2020	08.16	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 6	500	30/12/2020	07.07		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 30/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 31/Dec/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Ektuni - Akola II Ckt I	IntraState	30/12/2020	09.51	30/12/2020	19.36	PO	Annual Maintenance Work
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
Dhule Sar'Sarovar II	InterState	29/12/2020	09.49	30/12/2020	09.05	PO	Replacement of damaged earthwire, Replacement PID suspicious disc insulator and other maintenance work.
Dhule Sar'Sarovar I	InterState	30/12/2020	19.22	31/12/2020	10.32	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	31/12/2020	16.57		Continued.	HT	Over Voltage
Chandrapur - Bhadravati II	InterState	31/12/2020	19.01	31/12/2020	23.52	PO	Work By PGCIL At Chandrapur End.
Karad - Jaigad - II	IntraState	16/09/2020	23.34		Continued.	HT	Over Voltage (Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Jaigad-Karad Ckt-I	IntraState	27/09/2020	18.59		Continued.	T	Distance Protection(Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Dhule - Bableshtar - II	IntraState	29/12/2020	19.39	30/12/2020	08.59	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	29/12/2020	22.10	30/12/2020	05.38	EO	To Attending Hot Spot On Line Isolator.
Chandrapur - Khaperkheda	IntraState	30/12/2020	06.25	31/12/2020	16.28	PO	Reshifting of line from ERS to existing line for restoration.
Kala Kudus Ckt-I	IntraState	30/12/2020	11.05	30/12/2020	19.03	PO	AMP OF KALA KUDUS line 1 Equipments/Relay testing at Kudus End.
New Koyana - Dabhol-I	IntraState	30/12/2020	11.24	31/12/2020	09.54	T	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	30/12/2020	23.23	31/12/2020	07.32	HT	Over Voltage
Lonikand 1 - Talegaon(Pgcil)	IntraState	31/12/2020	10.17		Continued.	PO	1)Erection of 89A(N+27) & 90A(N+27); 2) loc no. 89A to 90A stringing; 3) loc no. 89A to 82 stringing;4) loc no. 90 to 92 stringing; 5)Dismantling of old towers 89 & 90
Khadka-Aurangabad (Waluj)	IntraState	31/12/2020	17.33		Continued.	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	31/12/2020	20.30		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection,Declared Faulty.
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/09/2020	09.58		Continued.	PO	Replacement of Existing 315 MVA ICT by 3*167 MVA ICT.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	23/09/2020	09.12		Continued.	PO	Augmentation work of 400/220 315MVA ICT-II to 501MVA
400/220 Kv 500 Mva Ict 1 @Lamboti	IntraState	30/12/2020	10.09	30/12/2020	16.40	PO	SFRA Testing.
400/220 KV 315MVA ICT II @ Parali (Girwali)	IntraState	30/12/2020	10.26	30/12/2020	17.15	PO	Bay maintenance work.
400/220 kv 500 MVA ICT III @ Jejuri	IntraState	30/12/2020	10.34	30/12/2020	12.51	PO	To investigate the imbalance in currents in 408 bay CTs
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)
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	20/08/2020	13.05		Continued.	PO	Erection of Tower Due to Railway Crossing
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	20/08/2020	13.06		Continued.	PO	Erection of Tower Due to Railway Crossing
Trombay - Kalwa	IntraState	16/12/2020	06.43		Continued.	PO	HTLS work.
Chinchwad- Parvati	IntraState	21/12/2020	12.06		Continued.	PO	CB Overhauling 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 30/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 31/Dec/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kandalgaon - Koyna (Pophali)	IntraState	28/12/2020	12.10	30/12/2020	20.10	T	Bus Fault at Pophali end
Pophli Pedhmbe Line- 1	IntraState	28/12/2020	12.10	30/12/2020	19.50	T	Bus Fault at Pophali end
Koyna (Pophali) - Kdph	IntraState	28/12/2020	12.10	30/12/2020	20.45	T	Bus Fault at Pophali end
Dahanu Ghodbunder Line 1	IntraState	29/12/2020	07.15		Continued.	PO	Shifting of line from its existing position to newly constructed temporary towers under DFCCIL Modification / Diversion works.(Tripped While Taking Into Service at 00.24 Hrs 30.12.2020).
Trombay Salsette 1 Backbay	IntraState	30/12/2020	07.42	30/12/2020	21.19	PO	Replacement of 0.5 Moose ACSR conductor in span Gantry Structure to loc. 01 at Trombay end.
Kalmeshwar - JSW	IntraState	30/12/2020	09.33	30/12/2020	13.46	PO	AMR project work
Dhamangaon New- Tss -I	IntraState	30/12/2020	09.57	30/12/2020	12.05	PO	Isolator maintenance Work.
Ghugus- Lloyds	IntraState	30/12/2020	10.46	30/12/2020	16.17	PO	For diagnostic testing Work at ghugus & lloyds End.
Kharghar - Nerul	IntraState	30/12/2020	14.01	30/12/2020	18.18	EO	To attend Hot Spot
Lonand Sona Alloys	IntraState	30/12/2020	16.22	30/12/2020	18.43	PO	AMR meter commissioning
Kandalgaon - Sona Alloys	IntraState	30/12/2020	16.24	30/12/2020	17.47	PO	AMR meter commissioning
Trombay Salsette 1 Backbay	IntraState	31/12/2020	07.52	31/12/2020	18.38	PO	Replacement of 0.5 Moose ACSR conductor in span Gantry Structure to loc. 01 at Trombay end.
PANDHARPUR BHALVANI	IntraState	31/12/2020	10.15	31/12/2020	19.55	PO	Outage is required for 220 kV Bus Isolator Alignment Work.
Lonikand1 (400 Kv)-Theur I	IntraState	31/12/2020	11.45	31/12/2020	13.39	PO	Replacement of "Y" Ph L.A due to having higher L.C.M value.
Baramati - Kurkumbh	IntraState	31/12/2020	16.14	31/12/2020	18.59	PO	Replacement of damaged OPGW cable from CTT Tower to loc no 132.
Baramati- Kalyani	IntraState	31/12/2020	16.24	31/12/2020	18.50	PO	Replacement of damaged OPGW cable from CTT Tower to loc no 132.
220 KV ICT Outages/Trippings							
220/100 Kv 100 Mva Cgl Ict 2 @Tambati	IntraState	27/12/2020	11.11	31/12/2020	15.12	PO	HV circuit Breaker overhauling
220/132kv 100MVA ICT II @Satara Midc	IntraState	29/12/2020	08.36	30/12/2020	01.43	PO	For attending oil leakage by cold welding work.
220/132 Kv 200 Mva Emco Ict 2 @Ambazari	IntraState	30/12/2020	09.24	30/12/2020	13.05	EO	Attending Oil Leakage
220/132 Kv 200mva Cgl Ptr No 3 @Chinchwad	IntraState	30/12/2020	10.35	30/12/2020	18.35	PO	OLTC overhauling.
220/132 KV 100MVA ICT-II @Walchandnagar	IntraState	30/12/2020	11.18	30/12/2020	18.19	PO	Diagnostic & Relay Testing Work.
220/100kv 100mva Cgl Ict 1 @Pandharpur	IntraState	31/12/2020	12.01	31/12/2020	19.20	PO	Outage is required for 220 kV Bus Isolator Alignment Work.

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