

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Oct/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.919	1903.421	1) Gujrat	-7.296	-48.171
2) Hydro	2.912	146.167	2) Madhya Pradesh	7.334	202.292
3) Gas	6.489	123.661	3) Chattisgarh	6.030	115.380
Total MSPGCL	141.320	2173.249	4) Maharashtra Net	113.418	2038.940
B) 1) APML	53.691	800.199	5) Goa (Amona)	-0.264	-3.608
2) JSWEL	23.710	430.286	Total	119.222	2304.833
3) VIPL	11.477	150.779	a) Mumbai Schedule	22.401	432.090
4) RPL(AMT)	5.245	192.689	b) Mumbai Drawl	33.258	571.840
5) WPCL	2.305	36.778	c) MSEDCL Bilateral *	28.838	593.326
6) PGPL	0.000	0.000	Include PX	0.000	49.325
7) Other IPP	5.718	106.606	d) Mumbai Bilateral *	22.401	431.240
C) 1) TPCL Thermal	15.371	241.781	Include PX	0.656	79.714
2) TPCL Hydro	4.300	70.485	Include Standby	0.000	0.850
3) TPCL Gas	2.461	46.345	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.138	130.981	1) MSEDCL	337.398	5733.073
D) STATE			2) Mumbai Discoms	65.527	1061.429
1) Thermal	259.574	3993.520	TOTAL STATE	402.925	6794.502
(A1+C1+C4+(B1-B6))					
2) Hydro	7.212	216.652			
(A2+C2)					
3) Gas	8.950	170.006			
(A3+B6+C3)					
4) Wind	4.652	66.435			
6) SOLAR	3.316	43.059			
TOTAL STATE	283.704	4489.672			

* 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 4 Hrs
MSPGCL Thermal	5443	5530	5846	5109
MSPGCL Hydro	205	124	145	122
MSPGCL Gas	254	264	270	274
MSPGCL Total Generation	5902	5918	6261	5505
Central Sector Receipt	5539	5158	5570	4510
WIND	125	201	293	98
CPP / IPP Thermal	4109	4353	4599	3705
CPP / IPP Gas	0	0	0	0
SOLAR	472	481	0	0
Exchange with Mumbai	-1528	-1715	-1457	-917
MSEDCL DEMAND MET	14619	14396	15266	12901
Load Shedding	0	0	0	0
MSEDCL DEMAND	14619	14396	15266	12901
TPCL GENERATION	1292	1207	1159	614
R-INFRA GENERATION	482	377	499	376
MUMBAI DEMAND	3302	3299	3115	1907
STATE DEMAND MET	17921	17695	18381	14808
STATE DEMAND	17921	17695	18381	14808
Frequency (Hz)	49.92	49.99	50.00	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13.02 Hrs	49.78 Hz at 11.33 Hrs	49.99	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 17/Oct/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	12.05	180.16	580	410
Unit 9	0.00	0.00	0	0
Unit 10	11.80	171.78	605	400
Total	23.85	351.95		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.36	136.24	455	350
Unit 5	9.39	135.03	450	350
Total	18.74	271.28		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	60.41	0	0
Unit 7	0.00	34.96	0	0
Unit 8	2.55	23.92	174	0
Total	2.55	119.28		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	4.24	42.08	186	160
Unit 5	9.65	157.79	420	360
Unit 6	9.17	75.92	425	330
Unit 7	10.08	160.55	462	358
Unit 8	9.63	138.94	430	360
Unit 9	9.41	132.32	403	361
Total	52.18	707.61		
Paras				
Unit 3	5.29	52.93	235	195
Unit 4	5.56	75.58	245	192
Total	10.84	128.51		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.96	14.09	185	150
Unit 3	0.00	0.00	0	0
Unit 4	3.10	33.84	170	0
Unit 5	9.54	155.48	450	355
Total	16.60	203.40		
Nasik				
Unit 3	3.80	42.74	165	150
Unit 4	3.36	21.82	190	0
Unit 5	0.00	56.82	0	0
Total	7.15	121.39		
Uran				
All Units	6.49	123.66	285	253
Total	6.49	123.66		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.68	9.02	35	16
Total	0.68	9.02		
Koyna				
Stage 1-2	1.32	52.01	125	40
Stage 4	0.00	45.92	0	0
Stage 3	0.24	23.51	80	0
Total	1.56	121.44		
Hydro				
KDPH	0.26	2.03	37	0
VTRNA	0.00	4.68	0	0
TILLARI	0.00	0.23	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	4.59	80	0
RNGR+BHTSA	0.32	4.86	14	13
BHANDARDRA	0.23	1.79	15	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.25	4.48	11	10
GHATGHAR	0.00	2.07	0	0
Total	1.35	24.73		
Wind				
Total	4.65	66.44	0	0
Total	4.65	66.44		
CPP				
APML(Mus)	53.69	800.20	0	0
JSWEL(Mus)	23.71	430.29	0	0
VIPL(Mus)	11.48	150.78	0	0
RPLAMT(Mus)	5.24	192.69	0	0
WPCL(Mus)	2.30	36.78	0	0
Other(Mus)	5.72	106.61	0	0
Total	102.15	1717.34		
SOLAR				
Total	3.32	43.06	0	0
Total	3.32	43.06		
Tata				
Trombay 5	9.91	149.47	492	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.36	26.30	63	54
Trombay 7B	1.10	20.04	50	44
Trombay 8	5.46	92.31	246	200
TATA Hydro	4.30	70.48	459	0
Total	22.13	358.61		
R-INFRA				
DTPS U-1&2	10.14	130.98	500	372
Total	10.14	130.98		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	131.92	1903.42	MSPGCL Total	141.32	2173.25
			MSPGCL Thml+Gas	138.41	2027.08	Koyna 1,2 & 4 Total	1.32	97.93
			MSPGCL Hydro	2.91	146.17	State Total	283.70	4489.67

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/Oct/2017

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	5412	102	275	5789	33	4327	0	0	4513	4320	-1256	13214	0	13214	2268	15482	49.99
2	5153	102	283	5538	54	4150	0	0	4474	4464	-1123	13083	0	13083	2109	15192	50.00
3	5061	102	275	5438	80	3863	0	0	4659	4615	-996	13000	0	13000	1988	14988	50.02
4	5109	122	274	5505	98	3705	0	0	4784	4510	-917	12901	0	12901	1907	14808	50.02
5	5189	111	273	5573	96	3726	0	0	4794	4833	-896	13332	0	13332	1884	15216	49.98
6	5321	106	285	5712	140	4038	0	0	4771	4996	-799	14087	0	14087	1948	16035	49.98
7	5383	106	275	5764	148	4361	0	8	4990	4838	-769	14350	0	14350	2071	16421	50.03
8	5429	68	275	5772	125	4333	0	85	4974	5404	-869	14851	0	14851	2193	17044	50.01
9	5363	83	272	5718	104	4156	0	244	5316	5305	-1225	14302	0	14302	2639	16941	49.99
10	5111	248	280	5639	140	3960	0	346	5399	5452	-1365	14172	0	14172	2950	17122	49.98
11	5492	248	267	6007	96	4094	0	445	5301	5216	-1528	14331	0	14331	3243	17574	49.95
12	5443	205	254	5902	125	4109	0	472	5379	5539	-1528	14619	0	14619	3302	17921	49.92
13	5530	124	264	5918	201	4353	0	481	5472	5158	-1715	14396	0	14396	3299	17695	49.99
14	5597	83	262	5942	269	4368	0	449	5353	4963	-1714	14277	0	14277	3218	17495	50.00
15	5666	83	261	6010	240	4261	0	350	5182	5096	-1767	14189	0	14189	3270	17459	49.97
16	5687	78	263	6028	296	4250	0	258	5166	4876	-1719	13989	0	13989	3289	17278	49.95
17	5635	97	253	5985	267	4310	0	146	4920	5016	-1634	14090	0	14090	3254	17344	49.97
18	5846	77	266	6189	276	4399	0	32	5277	4685	-1733	13847	0	13847	3153	17000	50.03
19	5842	204	266	6312	359	4544	0	0	5433	5358	-1532	15040	0	15040	3148	18188	49.95
20	5846	145	270	6261	293	4599	0	0	5653	5570	-1457	15266	0	15266	3115	18381	50.00
21	5843	77	281	6201	310	4555	0	0	5466	5269	-1660	14675	0	14675	3009	17684	49.99
22	5738	132	271	6141	290	4521	0	0	5098	5045	-1747	14250	0	14250	2822	17072	49.95
23	5672	132	271	6075	299	4548	0	0	4691	4742	-1693	13971	0	13971	2777	16748	49.97
24	5551	77	273	5901	313	4615	0	0	4518	3952	-1616	13165	0	13165	2672	15837	50.02
MUs	131.92	2.91	6.49	141.32	4.65	102.15	0.00	3.32	121.58	119.22	-33.26	337.40	0.00	337.40	65.53	402.93	49.99

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 17/Oct/2017

Position as on 6.30 Hrs of 18/Oct/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown.	
CENT.SECTOR	TARAPUR 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
MSPGCL	Koradi Unit 9	660	07/09/2017	00.38		Continued.	Coal shortage form 12.09.2017 converted to AOH dt.1.10.2017.	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Shutdown	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
CPP	SWPGL U-3	135	26/08/2017	17.40		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	27/08/2017	07.43		Continued.	Coal Shortage From 29.08.2017.	
MSPGCL	Khaparkheda Unit 1	210	08/09/2017	12.23		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	12/09/2017	00.12		Continued.	Coal Shortage	
IPP	RPL(AMT) U-3	270	17/09/2017	00.02		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	17/09/2017	02.01		Continued.	Coal Shortage	
MSPGCL	Uran Unit 7	108	05/10/2017	00.06		Continued.	Gas Turbine Work	
MSPGCL	Uran Unit B0	120	05/10/2017	00.11		Continued.	Gas Turbine Work	
IPP	RPL(AMT) U-1	270	06/10/2017	00.45		Continued.	Problem in submerged Scraper chain	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Oct/2017

Position as on 6.30 Hrs of 18/Oct/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 7	250	12/10/2017	00.00		Continued.	ZERO SCHEDULE.	
IPP	Adani U-5	660	13/10/2017	21.54	17/10/2017	18.28	APHP outlet PA below leakage	
MSPGCL	Parli Unit 6	250	14/10/2017	17.04		Continued.	zero schedule by msedcl.	
MSPGCL	Nasik Unit 5	210	14/10/2017	21.05		Continued.	zero schedule by msedcl.	
MSPGCL	Nasik Unit 4	210	14/10/2017	23.10	17/10/2017	03.34	zero schedule given by msedcl.	
IPP	RPL(AMT) U-4	270	16/10/2017	14.47		Continued.	Flame Failure Converted into zero schedule.(21.30 hrs. Dt 16-10-2017)	
IPP	VIPL U-2	300	17/10/2017	02.27	17/10/2017	05.12	FD Fan Problem.	
MSPGCL	Parli Unit 8	250	17/10/2017	10.36	17/10/2017	15.25	protection scheme operated.	
MSPGCL	Khaparkheda Unit 4	210	17/10/2017	10.40	17/10/2017	14.05	ID Fan Problem	
MSPGCL	Parli Unit 8	250	17/10/2017	22.08	18/10/2017	03.00	Drum level low	
IPP	RPL(AMT) U-2	270	18/10/2017	02.57		Continued.	zero schedule.	
IPP	Adani U-2	660	18/10/2017	05.58		Continued.	aph support bearing abnormal sound and oil leakage.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 18/Oct/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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	16/10/2017	18.32	17/10/2017	12.07	HT	Over Voltage
Padgha Tarapur II	InterState	17/10/2017	13.20	17/10/2017	18.21	EO	Attending Hot Spot
Dhule Sar'Sarovar I	InterState	17/10/2017	21.35	18/10/2017	05.59	HT	Over Voltage
Koradi Satpur	InterState	17/10/2017	23.05	17/10/2017	23.58	T	tripped only satpura end.
Ektuni-Bableshtar ckt II	IntraState	06/10/2017	15.03		Continued.	EO	To attend Hot Spot
Bhusawal-Aurangabad	IntraState	13/10/2017	20.13	17/10/2017	12.21	HT	Over Voltage
karad -kolhapur-II	IntraState	16/10/2017	15.42	17/10/2017	11.42	HT	Over Voltage
Karad - Lonikand 1	IntraState	16/10/2017	17.57	17/10/2017	11.27	T	Tripped on DT received at lonikand.
Karad-Jaigad - I	IntraState	16/10/2017	18.39		Continued.	HT	Over Voltage
Jaigad-New Koyana Ckt-II	IntraState	17/10/2017	10.08	17/10/2017	18.14	PO	Testing Work
Bus Coupler @ Kharghar	IntraState	17/10/2017	10.36		Continued.	HT	Isolator sparking.
Chandrapur II - Chandrapur SW Ckt II	IntraState	17/10/2017	14.05	17/10/2017	19.34	PO	problem in cvt.
karad -kolhapur-I	IntraState	17/10/2017	17.28		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	17/10/2017	21.34		Continued.	HT	Over Voltage
Main Bus A @Kharghar	IntraState	18/10/2017	00.13		Continued.	PO	pg isolator replacement.
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT I @Bableshtar	IntraState	10/10/2017	17.43		Continued.	PO	Oil Filtration Work.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	NO SCHEDULE.
Vasai Boiser(PG)	InterState	15/10/2017	10.02		Continued.	PO	Reorientation work.
Boisar(MS) - Boisar (PG) - I	InterState	15/10/2017	16.10	17/10/2017	10.41	T	Distance Protection
Tillari Amona	InterState	17/10/2017	00.07	17/10/2017	12.10	T	Distance Protection
Mahalakshmi Amona	InterState	17/10/2017	00.07	17/10/2017	12.25	T	Over Voltage
Boisar(MS) - Boisar (PG) II	InterState	17/10/2017	05.54	17/10/2017	08.36	T	For safety purpose.
Tillari Amona	InterState	17/10/2017	23.02		Continued.	T	Over Voltage
Mahalakshmi Amona	InterState	17/10/2017	23.02		Continued.	T	Over Voltage
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Pusad - Hingoli	IntraState	11/09/2017	20.06		Continued.	HT	Distance Relay Faulty at pusad end
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	B Phase CT Burst at Pedambe End
Nashik-Padgha	IntraState	16/10/2017	09.25	17/10/2017	06.55	HT	Controlling Line Loading Bableshtar-nashik.
Chakan-Chinchwad	IntraState	17/10/2017	00.13	17/10/2017	00.57	T	Distance Protection
Boisar Versova Line	IntraState	17/10/2017	05.40	17/10/2017	11.18	HT	To control load on boiser-boiser PG lines.
Boisar(M) - Ghodbunder	IntraState	17/10/2017	07.33	17/10/2017	08.45	PO	to control load on boisar - boisar pg lines.
Osmanabad - Solapur (Bale)	IntraState	17/10/2017	10.11	17/10/2017	18.35	PO	replacement of di at loc.151 r-ph.
Karad - Vita Ckt- II	IntraState	17/10/2017	10.32	17/10/2017	17.05	EO	Attending Hot Spot

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 17/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 18/Oct/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Uran - Apta II	IntraState	17/10/2017	11.43	17/10/2017	16.24	EO	Attending Hot Spot
Mururd - Tuljapur	IntraState	17/10/2017	12.58	17/10/2017	15.40	PO	replacement of di at loc.151 r-ph.
Ghatghar - Jindal	IntraState	17/10/2017	13.31	17/10/2017	17.47	T	Distance Protection
Parly-Parly Extn-I	IntraState	17/10/2017	15.12	17/10/2017	17.42	PO	Relay Testing Work
Pusad-Ghatodi	IntraState	17/10/2017	17.10		Continued.	T	to sparking on bph bus side iso. at pusad end.
Kharghar-Borivali ckt I	IntraState	17/10/2017	23.23	18/10/2017	00.25	T	to control ict loading at kharghar.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/110kv 100MVA ICT-II @Miraj	IntraState	18/09/2017	11.27		Continued.	PO	Replacement Of Ict-2.
220/132 Kv 200 Mva Ict - 1 @Harangul	IntraState	17/10/2017	10.09	17/10/2017	17.01	PO	work of oil filtration of ict.
220/132kv 100MVA ICT II @Satara Midc	IntraState	17/10/2017	10.10	17/10/2017	17.45	PO	Quarterly Maintainance Work
220/132 kv 100MVA ICT-I @ Ghatodi	IntraState	17/10/2017	11.10	17/10/2017	17.15	PO	Routine Maintenance Work
220/132 Kv 100 Mva Gec Ict 1 @Pusad	IntraState	17/10/2017	17.10	17/10/2017	19.05	T	Backup Protection
220/132 Kv 100 Mva Cgl Ict 2 @Pusad	IntraState	17/10/2017	17.10	17/10/2017	19.05	T	Backup Protection

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