

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Jun/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.249	2019.336	1) Gujrat	-4.438	-99.795
2) Hydro	4.138	106.760	2) Madhya Pradesh	15.428	162.183
3) Gas	9.478	137.250	3) Chattisgarh	6.340	95.790
Total MSPGCL	139.865	2263.346	4) Maharashtra Net	126.709	1933.716
B) 1) APML	37.091	579.275	5) Goa (Amona)	-0.374	-4.070
2) JSWEL	19.061	397.927	Total	143.665	2087.824
3) VIPL	6.256	132.636	a) Mumbai Schedule	28.699	480.409
4) RPL(AMT)	16.601	270.726	b) Mumbai Drawl	29.409	521.059
5) WPCL	2.507	65.529	c) MSEDCL Bilateral *	42.791	586.248
6) PGPL	0.000	0.000	Include PX	11.983	87.642
7) Other IPP	8.479	167.213	d) Mumbai Bilateral *	28.699	477.025
C) 1) TPCL Thermal	13.717	260.186	Include PX	10.683	156.521
2) TPCL Hydro	2.207	59.735	Include Standby	0.000	3.385
3) TPCL Gas	3.698	57.401	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.601	185.094	1) MSEDCL	394.894	6100.769
D) STATE			2) Mumbai Discoms	59.632	1083.478
1) Thermal	240.562	4077.922	TOTAL STATE	454.526	7184.247
(A1+C1+C4+(B1-B6))					
2) Hydro	6.345	166.495			
(A2+C2)					
3) Gas	13.176	194.651			
(A3+B6+C3)					
4) Wind	44.974	574.728			
6) SOLAR	5.804	82.624			
TOTAL STATE	310.861	5096.420			

* 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 15 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5149	5179	5404	5374
MSPGCL Hydro	369	154	222	75
MSPGCL Gas	384	374	393	385
MSPGCL Total Generation	5902	5707	6019	5834
Central Sector Receipt	6050	6605	5190	5834
WIND	2339	2306	1767	1453
CPP / IPP Thermal	3471	3520	3984	3928
CPP / IPP Gas	0	0	0	0
SOLAR	734	646	0	0
Exchange with Mumbai	-1334	-1309	-1316	-1132
MSEDCL DEMAND MET	17162	17475	15644	15916
Load Shedding	0	0	0	0
MSEDCL DEMAND	17162	17475	15644	15916
TPCL GENERATION	928	870	804	663
R-INFRA GENERATION	500	501	377	376
MUMBAI DEMAND	2762	2680	2497	2171
STATE DEMAND MET	19924	20155	18141	18087
STATE DEMAND	19924	20155	18141	18087
Frequency (Hz)	50.00	49.96	50.00	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18.02 Hrs	49.8 Hz at 00.06 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 16/Jun/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	38.44	0	0
Unit 8	8.00	52.77	355	300
Unit 9	0.00	101.02	0	0
Unit 10	9.08	124.45	430	300
Total	17.09	316.67		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.22	159.00	490	355
Unit 5	10.28	155.43	495	355
Total	20.50	314.43		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.34	75.21	190	170
Unit 7	4.31	71.30	187	119
Unit 8	4.32	64.93	191	169
Total	12.97	211.44		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.79	169.16	465	365
Unit 6	0.00	0.00	0	0
Unit 7	10.41	161.26	456	367
Unit 8	10.90	154.23	480	360
Unit 9	10.20	116.67	462	357
Total	42.30	601.32		
Paras				
Unit 3	4.80	82.75	218	178
Unit 4	5.17	83.83	240	185
Total	9.98	166.58		
Khaparkheda				
Unit 1	0.00	6.78	0	0
Unit 2	0.00	37.36	0	0
Unit 3	3.62	56.01	160	140
Unit 4	3.53	40.91	155	136
Unit 5	8.38	137.84	360	345
Total	15.53	278.91		
Nasik				
Unit 3	3.97	67.49	180	160
Unit 4	0.00	0.13	0	0
Unit 5	3.91	62.36	166	160
Total	7.88	129.98		
Uran				
All Units	9.48	137.25	411	374
Total	9.48	137.25		
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)	0.06	0.87	22	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	0.87		
Koyna				
Stage 1-2	1.98	43.33	300	40
Stage 4	0.00	22.31	0	0
Stage 3	0.76	15.75	80	0
Total	2.75	81.39		
Hydro				
KDPH	0.34	3.54	14	14
VTRNA	0.00	0.00	0	0
TILLARI	0.35	3.34	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	3.09	57	0
RNGR+BHTSA	0.24	3.73	10	10
BHANDARDRA	0.18	0.18	44	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.18	3.20	15	5
GHATGHAR	0.00	8.29	0	0
Total	1.39	25.37		
Wind				
Total	44.97	574.73	0	0
Total	44.97	574.73		
CPP				
APML(Mus)	37.09	579.28	0	0
JSWEL(Mus)	19.06	397.93	0	0
VIPL(Mus)	6.26	132.64	0	0
RPLAMT(Mus)	16.60	270.73	0	0
WPCL(Mus)	2.51	65.53	0	0
Other(Mus)	8.48	167.21	0	0
Total	90.00	1613.31		
SOLAR				
Total	5.80	82.62	0	0
Total	5.80	82.62		
Tata				
Trombay 5	8.41	171.40	473	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.32	35.58	104	77
Trombay 7B	1.38	21.82	61	53
Trombay 8	5.30	88.79	232	213
TATA Hydro	2.21	59.74	206	17
Total	19.62	377.32		
R-INFRA				
DTPS U-1&2	10.60	185.09	503	375
Total	10.60	185.09		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.25	2019.34	MSPGCL Total	139.86	2263.35
			MSPGCL Thml+Gas	135.73	2156.59	Koyna 1,2 & 4 Total	1.98	65.64
			MSPGCL Hydro	4.14	106.76	State Total	310.86	5096.42

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/Jun/2018

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	5334	70	396	5800	1800	4040	0	0	6413	6297	-1511	16426	0	16426	2740	19166	49.94
2	5325	70	398	5793	1757	4054	0	0	6152	6008	-1435	16177	0	16177	2507	18684	50.00
3	5381	70	395	5846	1623	4011	0	0	5896	5833	-1312	16001	0	16001	2356	18357	49.98
4	5381	70	407	5858	1588	3988	0	0	5627	5874	-1197	16111	0	16111	2238	18349	50.01
5	5374	75	385	5834	1453	3928	0	0	5533	5834	-1132	15916	0	15916	2171	18087	49.98
6	5387	170	407	5964	1516	3925	0	0	6175	6424	-1041	16788	0	16788	2183	18971	49.95
7	5462	352	397	6211	1493	3930	0	54	6629	6487	-805	17370	0	17370	2133	19503	49.95
8	5457	285	411	6153	1667	3895	0	215	6204	5965	-760	17135	0	17135	2179	19314	50.06
9	5287	169	400	5856	2243	3764	0	466	5802	5510	-911	16928	0	16928	2309	19237	50.04
10	5137	182	397	5716	2328	3545	0	579	5549	5483	-1072	16579	0	16579	2518	19097	50.02
11	5218	201	405	5824	2290	3505	0	678	5710	5677	-1244	16730	0	16730	2697	19427	50.01
12	5149	369	384	5902	2339	3471	0	734	5814	6050	-1334	17162	0	17162	2762	19924	50.00
13	5143	224	401	5768	2173	3523	0	784	6195	6239	-1363	17124	0	17124	2730	19854	50.00
14	5099	209	387	5695	2153	3523	0	719	6240	6471	-1257	17304	0	17304	2626	19930	49.97
15	5179	154	374	5707	2306	3520	0	646	6497	6605	-1309	17475	0	17475	2680	20155	49.96
16	5215	149	382	5746	2259	3530	0	487	6515	6562	-1352	17232	0	17232	2725	19957	49.97
17	5127	159	385	5671	2343	3550	0	294	6554	6455	-1363	16950	0	16950	2672	19622	49.99
18	4794	89	401	5284	2078	3466	0	137	6125	5974	-1297	15642	0	15642	2609	18251	50.03
19	4930	189	381	5500	1854	3471	0	11	5189	5826	-1327	15335	0	15335	2545	17880	50.03
20	5185	94	406	5685	1858	3720	0	0	5326	5571	-1293	15541	0	15541	2540	18081	49.99
21	5404	222	393	6019	1767	3984	0	0	5448	5190	-1316	15644	0	15644	2497	18141	50.00
22	5417	201	393	6011	1463	3786	0	0	5302	5644	-1268	15636	0	15636	2435	18071	49.97
23	5428	192	393	6013	1354	3857	0	0	5448	5827	-1244	15807	0	15807	2392	18199	49.96
24	5436	173	400	6009	1269	4006	0	0	5858	5860	-1266	15878	0	15878	2388	18266	49.93
MUs	126.25	4.14	9.48	139.87	44.97	90.00	0.00	5.80	142.20	143.67	-29.41	394.89	0.00	394.89	59.63	454.53	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 16/Jun/2018

Position as on 6.30 Hrs of 17/Jun/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
MSPGCL	Koyana STG-IV Unit-4	250	12/06/2018	09.40		Continued.	Annual Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown. (NO PPA FROM 01.04.2018)	
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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
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	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
IPP	Adani U-5	660	24/04/2018	08.53		Continued.	coal shortage due to critical coal stock & lower coal receipts from 02-May-2018	
IPP	RPL(AMT) U-1	270	01/05/2018	00.00		Continued.	Coal Shortage	
IPP	RPL(AMT) U-2	270	06/05/2018	18.00		Continued.	Coal Shortage	
MSPGCL	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	IEPL INTER CHANGE.	
MSPGCL	Nasik Unit 4	210	01/06/2018	00.53		Continued.	Boiler Tube Leakage (Available since 03.06.2018 16:00Hrs)	
MSPGCL	Khaparkheda Unit 1	210	02/06/2018	23.57		Continued.	Poor coal receipt.	
CPP	IEPL Unit 1	270	07/06/2018	00.00		Continued.	Coal Shortage	
IPP	Adani U-4	660	07/06/2018	12.06		Continued.	Due to APH-A Hot PA duct below leakage	
MSPGCL	Uran Unit 6	108	09/06/2018	11.50		Continued.	bucchholz relay operated.	
CPP	SWPGL U-4	135	10/06/2018	00.01		Continued.	Maintenance work	
IPP	VIPL U-1	300	11/06/2018	00.30		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	11/06/2018	22.10		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 2	210	12/06/2018	12.27		Continued.	digital avr installation.	
MSPGCL	Koyana Unit 5	80	13/06/2018	08.05		Continued.	Injector 6 Replacement Work.	
MSPGCL	Koradi Unit 9	660	13/06/2018	22.44		Continued.	ATTENDING VARIOUS DEFECT.	
IPP	JSW (J) U2	300	16/06/2018	00.19		Continued.	No Schedule	
MSPGCL	Parli Unit 7	250	17/06/2018	08.32		Continued.	Poor Coal Receipt.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 17/Jun/2018

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							
Koradi-III - Tirora ckt-II	IntraState	02/06/2018	20.17	17/06/2018	06.30	T	Distance Protection,tower collapsed.
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	14/06/2018	18.29	16/06/2018	06.18	HT	Over Voltage
Dabhol New koyna I	InterState	16/06/2018	04.57	16/06/2018	06.30	T	Distance Protection
Akola Aurangabad(PG) II	InterState	16/06/2018	10.24	16/06/2018	14.51	PO	Routine Maintenance Work
Dhule Sar'Sarovar I	InterState	16/06/2018	15.06		Continued.	HT	Over Voltage
Dhule - Bableshwar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule- Bableshwar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Khadka-Aurangabad (Waluj)	IntraState	15/06/2018	20.10	16/06/2018	06.33	HT	Over Voltage
Deepnagar Waluj 1	IntraState	16/06/2018	08.39	16/06/2018	17.48	PO	Tightening Of Corona Ring, Arcing Horn.
Main Bus-I @ Jejuri	IntraState	16/06/2018	15.26	16/06/2018	20.16	PO	Construction Work.
Koradi-Bhusawal	IntraState	16/06/2018	16.00	16/06/2018	20.06	T	Distance Protection
Bhusawal-Aurangabad	IntraState	16/06/2018	20.46	17/06/2018	06.58	HT	Over Voltage
karad -kolhapur-I	IntraState	17/06/2018	06.06		Continued.	T	Distance Protection
Padghe - Kalwa- I	IntraState	17/06/2018	08.41	17/06/2018	13.25	PO	Insulator String Replacement.
Chandrapur II - Chandrapur ckt I	IntraState	17/06/2018	10.22		Continued.	PO	Checking The Healthiness Of R Y B Phase.
Main Bus I @ Chandrapur Sw	IntraState	17/06/2018	11.29		Continued.	PO	Checking The Healthiness Of R Y B Phase
Khadka-Aurangabad (Waluj)	IntraState	17/06/2018	18.24		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 1 @Chandrapur 2	IntraState	31/03/2018	21.21		Continued.	HT	hand tripped after charge.
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	01/06/2018	01.02		Continued.	T	Differential Protection and PRV Operated
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	16/06/2018	15.25	16/06/2018	20.19	PO	Construction Work.
400/220KV 315MVA ICT-I@bhusawal(khadka)	IntraState	17/06/2018	15.25	17/06/2018	19.00	T	NDR Operated
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.
Boisar(MS) - Boisar (PG) II	InterState	16/06/2018	16.33	16/06/2018	16.54	T	Distance Protection
Nasik Navsari II	InterState	17/06/2018	01.40	17/06/2018	17.32	T	Distance Protection
Nasik Navsari I	InterState	17/06/2018	02.24	17/06/2018	17.31	T	Distance Protection
Boisar(MS) - Boisar (PG) - I	InterState	17/06/2018	08.59	17/06/2018	09.36	T	Jumper Broken.
Boisar Tarapur	InterState	17/06/2018	08.59	17/06/2018	10.30	T	Tripped Only From Tarapur End.
Boisar(MS) - Boisar (PG) II	InterState	17/06/2018	08.59	17/06/2018	16.27	T	Jumper Broken.
Boisar(MS) - Boisar (PG) - I	InterState	17/06/2018	09.36	17/06/2018	15.47	T	Tripped At Boisar End.
Boisar(MS) - Boisar (PG) - I	InterState	17/06/2018	13.04	17/06/2018	15.47	PO	Attending Broken B Phase Jumper.
Borivali - Tarapur	InterState	17/06/2018	13.25	17/06/2018	19.32	T	Tripped Only From Tarapur End.
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

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 16/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 17/Jun/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							line bet.86 to 107.
Kalwa - Borivali	IntraState	01/06/2018	01.26		Continued.	HT	To control load on ICT.
Kalwa 52B Interconnector CB	IntraState	01/06/2018	01.35		Continued.	HT	To control load on ICT.
Trombay - Kalwa	IntraState	01/06/2018	01.43		Continued.	HT	To control load on ICT.
SAKI (REL) - SAKI (TATA) CKT - 1	IntraState	01/06/2018	03.29		Continued.	HT	To control load on ICT.
SAKI (REL) - SAKI (TATA) CKT - 2	IntraState	01/06/2018	03.29		Continued.	HT	To control load on ICT.
Kalwa-TIFIL	IntraState	01/06/2018	09.27		Continued.	HT	400KV Kalwa To Control ICT Overloading.
Salsette Borivli 1	IntraState	01/06/2018	10.45		Continued.	HT	Due To Overloading On ICT
Salsette Borivli 2	IntraState	01/06/2018	10.58		Continued.	HT	Due To Overloading On ICT.
Waluj - Chitegaon li	IntraState	15/06/2018	22.43		Continued.	T	Distance Protection, R-phase Conductor Snapped.
REL Borivali Aarey Line	IntraState	16/06/2018	05.21	16/06/2018	09.28	PO	Safety For Metro Work.
Sonkhar - Trombay	IntraState	16/06/2018	06.30	17/06/2018	21.52	PO	Conductor Replacement Work.
Hamidwada-Mumewadi	IntraState	16/06/2018	09.50	16/06/2018	14.05	PO	Insulator String Washing Work.
Lonand-Baramati	IntraState	16/06/2018	09.55	16/06/2018	18.25	PO	Tightening of loose jumpers
Raymond - Washala	IntraState	16/06/2018	10.13	16/06/2018	13.00	EO	String Replacement After Flash Over
Deepnagar Amalner	IntraState	16/06/2018	10.24	16/06/2018	16.23	PO	Attending Problem In Own CB Spring Charging Mechanism.
Hingoli- Girawali	IntraState	16/06/2018	11.56	16/06/2018	14.54	EO	Attending Hot Spot
Vita - Miraj	IntraState	16/06/2018	14.15		Continued.	PO	Construction Work.
Talandge-Hamidwada	IntraState	16/06/2018	14.30	16/06/2018	18.34	PO	Insulator Cleaning Work.
Vita - Mhaishal	IntraState	16/06/2018	15.10		Continued.	PO	Construction Work.
Ghodbunder - Versova	IntraState	16/06/2018	16.17	16/06/2018	18.24	PO	Safety Purpose.
Gadchandur - Virur-I	IntraState	16/06/2018	19.14	16/06/2018	19.35	T	Heavy Sparking On Bus Side Isolator.
Ghatghar - Jindal	IntraState	17/06/2018	09.44	17/06/2018	17.10	PO	Insulator String Replacement.
Boisar(M) - Ghodbunder	IntraState	17/06/2018	10.41		Continued.	PO	Safety Purpose.
Trombay Bus No. VI	IntraState	17/06/2018	12.25	17/06/2018	13.40	PO	Attending Isolator Work.
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(repaired and ready for commissioning)
220/132 Kv 100 Mva Cgl Ict 2 @Ranjangaon	IntraState	15/06/2018	10.50		Continued.	T	OSR/DGA Values Of OLTC Oil Shows Content Of Fault Gases.

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