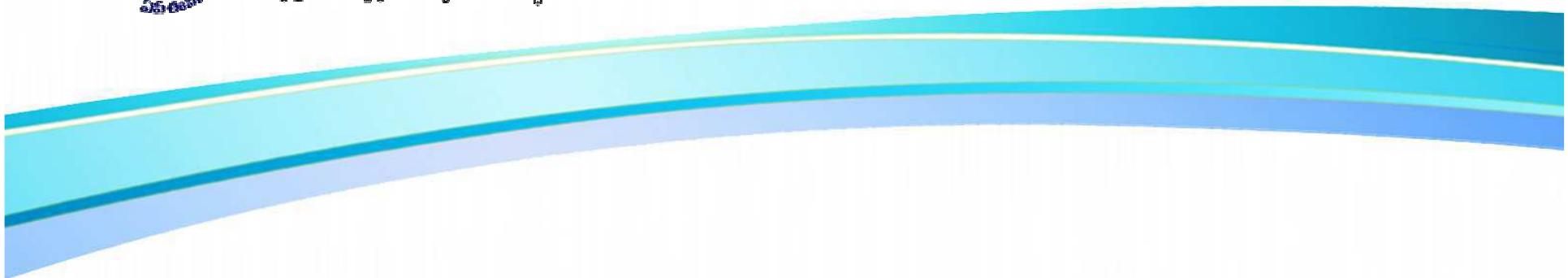




Eastern Power
Distribution Company of A.P. Ltd
ఎంపిఎస్ డిస్ట్రిబ్యూషన్ కంపెనీ లిమిటెడ్



AE - Operations

T Code – ZPM



DTR MODULE FOR TRANSFORMER MANAGEMENT	
▼	AE-OP
•	► Meeseva- DTR Failure Confirmation
•	► DTRs Send to ADE-Operation
•	► Add New Structure Code
•	► Enhanced DTRs to be devoluted to stores
•	► DTR Structure Maintenance
•	► PR ENOTES
•	► Add New Structure Code
▼	REPORTS
•	► Total DTRs Available
•	► Feeder wise DTRs
•	► Repeated Structure Failures
•	► Total DTR Failures
•	► Cause Wise Analysis

ASSET MAINTENANCE

Break Down of DTR

Structure Inspection/Failure Analysis

Replacement of DTR

Repair of DTR

Payments to Vendor

Receipt of Repaired DTR to RS

* ➤ Meeseva- DTR Failure Confirmation



Meeseva - DTR Failures



S.NO	Section Name	Registration No	Registration Date	Consumer Name	Caller Phone No	Failure Location	Complaint Type	Complaint Details
1	HAPATNAM-D1	<u>191022300151</u>	30.08.2017 12:53:17	K.VENKATA RA	9705270327		DTR FAILURE	HG FUSE BLOWN OFF (INTERNAL F

- Transformer failure related complaints can be registered both in CCC(1912) and Meeseva by the consumer.
- Once the consumer registers the complaint, it will be displayed as above in the respective AE-Operations Login for confirming the failure.

Meeseva- DTR Failure Confirmation



Details from CCC/Meeseva:

Registration No	191022300151	Registration Date	30.08.2017 12:53:17	Consumer Name	K.VENKATA RA
Contact No	9705270327	Failure Location			
Complaint Details	HG FUSE BLOWN OFF (INTERNAL F				

DTR Not Failed Failure Confirmation

Rectification Remarks Rectification Date Rectification Time 00:00:00

- After clicking on the Registration number, the above screen appears and 2 Options are available DTR Not Failed and Failure Confirmation .
- If the transformer has not failed and supply can be extended without replacing the DTR i.e. external fault, AE-Operations has the option to close the complaint by giving the Rectification Remarks, Rectification Date and Rectification Time.
Examples: Replacement of cut jumper, blown out HG Fuse/ Section fuse etc
- If the DTR is failed, then Failure confirmation option is to be selected

* ► Meeseva- DTR Failure Confirmation



- AE-Operations has to select the Structure Code where the DTR failure has occurred
- Follow the Steps given in the screen.

Details from CCC/Meeseva:

Registration No	191022300151	Registration Date	30.08.2017 12:53:17	Consumer Name	K. VENKATA RA
Contact No	9705270327	Failure Location		Complaint Type	DTR FAILURE
Complaint Details	HG FUSE BLOWN OFF (INTERNAL F				

DTR Not Failed Failure Confirmation

Step-1 Select this Radio Button

Failure Confirmation:

Structure Code:

Failure Confirmation Date: 18.01.2018 08:20:53

Step-2 Select the Structure code by F4 option or from the Drop down

DTR Details:

Make: Capacity:

Serial No: Phase:

Guarantee Period:

➤ Meeseva- DTR Failure Confirmation



Meeseva

Step-3 Press on this down Arrow button

Functional Location			Size/dimension	Description of functional location
201111130086	032900106012	GANNERU VEEDHI		
201111130003	032900106011	RANGIREEJUVEEDHI		
201111130034	032900107022	RELLI VEEDHI		
201111130038	032900110008	KALLUPAKALU		
201111130057	032900110005	SATYANARAYANA THEATRE		
201111130060	032900124005	SS-83 VEDANATA OFFICE		
201111130064	032900105018	WOODYARD STREET		
201111130098	0344555516	NEAR CORPORATE OFFICE12		
201111130105	3003456789	TEST123		
201111130016	032900105022	OLD BUS STAND		
201111130019	032900105015	JANATHA BAZAR		
201111130022	032900110006	NAVARANG THEATRE		
201111130037	032900110009	PRASD GARDENS		
201111130041	032900105001	R R M ROAD		
201111130051	032900105004	KOTHA ROAD		
201111130058	032900124010	SS-89 AISHA ENCLAVE		
201111130063	032900105019	KOTHA ROAD		
201111130067	032900105010	VELAMPETA		
201111130074	032900105008	N M D C		

110 Entries found

➤ When we click on the Structure code Drop down or F4 (Function Key), list of available structure codes will be displayed from which the user has to select the respective structure code or if he wants to enter the structure code please check step3.

Meeseva- DTR Failure Confirmation



Details from CCC/Meeseva:

Registration No: 191022300151

Contact No: 9705270327

Complaint Details: HG FUSE BLOWN OFF (INTERNAL)

DTR Not Failed Failure Confirmation

Failure Confirmation:

Structure Code:

Failure Confirmation Date: 18.01.2018 08:12

DTR Details:

Make:

Cancel

Size/dimension (1) 110 Entries found

Restrictions

Functional Location:

Size/dimension:

FunctLocDescrip:

Functional Location	Size/dimension	Description of functional location
201111130086	032900106012	GANNERU VEEDHI
201111130003	032900106011	RANGIREEJUVEEDHI
201111130034	032900107022	RELLI VEEDHI
201111130038	032900110008	KALLUPAKALU
201111130057	032900110005	SATYANARAYANA THEATRE
201111130060	032900124005	SS-83 VEDANATA OFFICE
201111130064	032900105018	W/000YARD STREET

110 Entries found

- Enter the Structure code in the Size/dimension field and select button .
- Respective Structure code will be selected and double clicking on that will select the data into the Structure code Text box.

* ► Meeseva- DTR Failure Confirmation



Details from CCC/Meeseva:

Registration No 191022300151 Registration Date 30.08.2017 12:53:17 Consumer Name K.VENKATA RA

Contact No 9705270327 Failure Location Complaint Type DTR FAILURE

Complaint Details HG FUSE BLOWN OFF (INTERNAL F

DTR Not Failed Failure Confirmation

Step-4 Press on the
select button

Failure Confirmation:

Structure Code: 032900106012

Failure Confirmation Date 18.01.2018 08:38:46

DTR Details:

Make: Capacity:

Serial No: Phase:

Guarantee Period

* ➤ Meeseva- DTR Failure Confirmation



Details from CCC/Meeseva:

Registration No	191022300151	Registration Date	30.08.2017 12:53:17	Consumer Name	K.VENKATA RA
Contact No	9705270327	Failure Location		Complaint Type	DTR FAILURE
Complaint Details	HG FUSE BLOWN OFF (INTERNAL F				

DTR Not Failed Failure Confirmation

Failure Confirmation:

Structure Code:	032900106012	
-----------------	--------------	--

Failure Confirmation Date: 18.01.2018 08:44:20

DTR Details:

Make:	Vijai Electricals L	Capacity:	100	
Serial No:	123444	Phase:	3	
Guarantee Period	1			

Step-5 If required details needs to be edited.

- After clicking on the select button, DTR Details will appear and these can be edited (If required) by selecting the Edit Button,
- Guarantee Period to be selected from the drop down and click on 'Submit' Button.

- Meeseva- DTR Failure Confirmation



Preliminary Report of Failed Distribution Transformer

Registration No:	191022300151	Make:	Vijai Electricals Ltd.
Serial No:	123444	Phase:	3
Capacity:	100	Guarantee Period	BGP
Structure Code:	032900106012	Land Mark:	GANNERU VEEDHI

Observations for DTR:

Whether 11 KV & L.T. L.As are provided	<input type="text" value=""/>
Particulars of earthing done	<input type="text"/>
Total load connected to the transformer(KW)	<input type="text"/>
Peak load reached so far prior to failure(amps)	<input type="text"/>
Capacity of HG fuse used on HT side(SWG)	<input type="text"/>
Capacity of HG fuse used on LT side(SWG)	<input type="text"/>
Whether transformer was sick previously	<input type="text"/>
Megger RY Values Before Isolating the DTR(ohms)	<input type="text"/>
Megger YB Values Before Isolating the DTR(ohms)	<input type="text"/>
Megger BR Values Before Isolating the DTR(ohms)	<input type="text"/>
Details of protection available	<input type="text"/>
Maximum load in the equipment in amps	<input type="text"/>
Weather conditions at the time of failure	<input type="text"/>

➤ e-Preliminary Report to be filled and click on submit button, then the failure confirmation process will be completed.

e-Preliminary Report



ASSET MAINTENANCE

Break Down of DTR
Structure Inspection/Failure Analysis
Replacement of DTR
Repair of DTR
Payments to Vendor
Receipt of Repaired DTR to RS

Step-6 Click on the PR e-Notes below report will be displayed

Step-7 select the respective item and select print or download in PDF

Step-8 Print/ PDF download

DTR smart form for e-PR

Sno	Section Name	RegistrationNo	Notif.No	EquipmentNo	Make	Serial>No	Capacity	AE Approval	ADE Approval	SPM Approval
1	VISAKHAPATNAM-D1	191022300151	001100039890	100196195	Vijai Electric...	123444	100	N	Y	Y
2	VISAKHAPATNAM-D1	191022300150	001100039890	100000410	WEBBERS	V123	100	N	Y	Y
3	VISAKHAPATNAM-D1	19022300140	001100039847	100000003	VICTORY	5687	100	N	Y	Y
4	VISAKHAPATNAM-D1	19022300141	001100039882	100000428	VIJAYA ELE...	863789	63	N	Y	N
5	VISAKHAPATNAM-D1	18022300140	001100039847	100000002	VICTORY	5687	100	N	Y	Y
6	VISAKHAPATNAM-D1	191022300146	001100039875	100000428	SDT	863745	75	N	Y	Y
7	VISAKHAPATNAM-D1	191022300145	001100039875	100000428	SRGL	1235897	16	N	Y	Y
8	VISAKHAPATNAM-D1	1808301286	001100039888	100000451	UNIVERSAL...	485978	100	N	Y	N
9	VISAKHAPATNAM-D1	191022300144	001100039875	100000428	test	1258789	40	N	Y	Y
10	VISAKHAPATNAM-D1	191022300143	001100039875	100000428	KTE	54786	25	N	Y	Y
11	VISAKHAPATNAM-D1	191022300142	001100039875	100000428	VE	1234	100	N	Y	Y
12	VISAKHAPATNAM-D1	191022300141	001100039875	100000001	VICTORY	5687	100	N	Y	Y
13	VISAKHAPATNAM-D1	18022300141	001100039883	100007327	VIJAY ELEC...	SPM45123	160	N	Y	N
14	VISAKHAPATNAM-D1	191022300149	001100039889	100000410	VIJAY ELEC...	123456	75	N	Y	N
15	VISAKHAPATNAM-D1	191022300147	001100039884	100008762	STEL	11890829	160	N	Y	N

e-Preliminary Report Proforma



Eastern Power
Distribution Company of A.P. Ltd
అంధ్ర ప్రదేశ్ వ్యాపక విద్యుత్ వ్యాపక సంస్థ

PROFORMA OF PRELIMINARY REPORT ON FAILURE OF Distribution Transformer
At CSP/CON DTR ST CODE: 032900105022 on 30.08.2017

PM CSC No. 191022300150

NAME PLATE PARTICULARS	
1 . Make	WEBBERS
2 . Serial No	V123
3 . Capacity	100
4 . Voltage Ratio	11/433
5 . Phase	3
6 . Frequency	50 C/S
7 . Connection Diagram	D/4
8 . Type Of Cooling	ON
9 . Vector Group	DY-11
10 . Present Tap	----
11 . Present Tap	----
12 . Specifications	----
13 . Impedency Volts	----
II STATISTICS OF THE TRANSFORMER	



• ➔ DTRs Send to ADE-Operation

- Once Failure Confirmation has been done, it wil appear in ADE login for issuing the New DTR to the respective AE-Operation.
- After Issuing the New DTR by ADE-Operations, it will appear in the Vehicle Tracking System (VTS) for replacement.
- Once the DTR is rectified and Replaced, the sick DTR will appear in the AE-Operation login for sending to ADE-Operation.
- Select the item adjacent to the failed DTR and click on 'submit'. The failed DTR will be shown in ADE Operations login for further handing over to SPM.

:: Failed DTR Handed over to ADE-Operation ::

T-Note No		T-Note Date							
VD1-100007		18.01.2018 09:13:56							
S No	Section Name	Reg Number	Make	Serial No	Capacity	Failure Date	Rectified Date	GP	
1	VISAKHAPATNAM-D1	18022300140	VICTORY	5687	100	30.08.2017 12:53:17	12.11.2017 13:39:36	BGP	
2	VISAKHAPATNAM-D1	18022300141	VIJAY ELEC...	SPM45123	160	30.08.2017 12:53:17	12.11.2017 13:39:36	BGP	
3	VISAKHAPATNAM-D1	19022300140	VICTORY	5687	100	30.08.2017 12:53:17	12.11.2017 13:39:36	BGP	
4	VISAKHAPATNAM-D1	19022300141	VIJAYA ELE...	863789	63	30.08.2017 12:53:17	12.11.2017 13:39:36	BGP	
5	VISAKHAPATNAM-D1	191022300141	VICTORY	5687	100	30.08.2017 12:53:17	12.11.2017 13:39:36	BGP	

* ➤ [Add New Structure Code](#)



- By double clicking the Add New Structure code option from ZPM Tcode, following screen will appear with 3 options.

Step-1 DTRs Drawn from Stores

Add New Dtr And TurnKey

New DTR to be Charged

DTRs Drawn from stores

DTRs charged under Turnkeywork

DTRs Issued by Const Wing

Step-2 Select the between dates during which the DTRs are drawn from stores

DTRs charging Report

Date to

• ➤ [Add New Structure Code](#)



Step-3 Report showing DTRs Drawn, Charged and To be Charged will be shown. The user has to click on the respective capacity for adding new Structure code

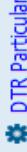
DTRs charging Report																					
SNo	Section	Drawn	Charged	1ph-5	1ph-10	1ph-15	1ph-16	15	16	25	40	50	63	75	100	160	200	250	315	500	To be Charged
1	VISAKHAPATNAM-D1	16	10	0	0	0	0	0	0	0	4	0	0	0	1	1	0	0	0	6	

Step-4 For ex: if the user clicks on 4 Nos. 40 KVA, then the following screen will be displayed. The user has to select *Add New DTR/ Enhancement of DTR/ Deletion of DTR*

DTRs charging Report						
	<input type="checkbox"/> Add New DTR	<input type="checkbox"/> Enhancment of DTR	<input type="checkbox"/> Deletion of DTR			
↪	S.no:	Section	Equipment	Work Order	Work Name	Drawn Date
	1	VISAKHAPATNAM-D1	1000000274	510000008558		14.09.2010
	2	VISAKHAPATNAM-D1	1000000173	500000008888		08.09.2010
	3	VISAKHAPATNAM-D1	1000000023	500000015223		23.02.2012
	4	VISAKHAPATNAM-D1	1000000016	520000023148		03.07.2010

* ► Add New Structure Code

 :: Add New DTR Particulars ::

<p> DTR Particulars</p> <p>Equipment No: <input type="text" value="100000274"/> Capacity: <input type="text" value="40"/> Phase: <input type="text" value="3"/> Serial No: <input type="text"/></p>	<p> Structure Code Particulars</p> <p>Structure Code No: <input type="text"/> Predominant Load: <input type="text"/> Land Mark: <input type="text"/> Charging Date: <input type="text"/></p>	<p> Feeder Particulars</p> <p><input checked="" type="radio"/> Same Section <input type="radio"/> Other Section Feeder Number: <input type="text"/> </p>
--	---	--



❑ Enhancement of DTR

❑ :: Enhancement of DTRs ::



Old DTR Details

Structure Code:

Click Here

Equipment No:

Capacity: Phase:

Make:

Serial No:

New DTR Details

Equipment No: 100000274

Capacity: 40 Phase: 3

Make: ▶

Serial No:

SUBMIT

Deletion of DTR



DTRs charging Report

Add New DTR Enhancet of DTR  Deletion of DTR

En	S.no:	Section	Equipment	Work Order	Work Name	Drawn Date
	1	VISAKHAPATNAM-D1	100000274	510000008558		14.09.2010
	2	VISAKHAPATNAM-D1	100000173	500000008888		08.09.2010
	3	VISAKHAPATNAM-D1	100000023	500000015223		23.02.2012
	4	VISAKHAPATNAM-D1	100000016	520000023148		03.07.2010

 DTRs charging Report

:: Why DTR is not required ? ::

Remarks

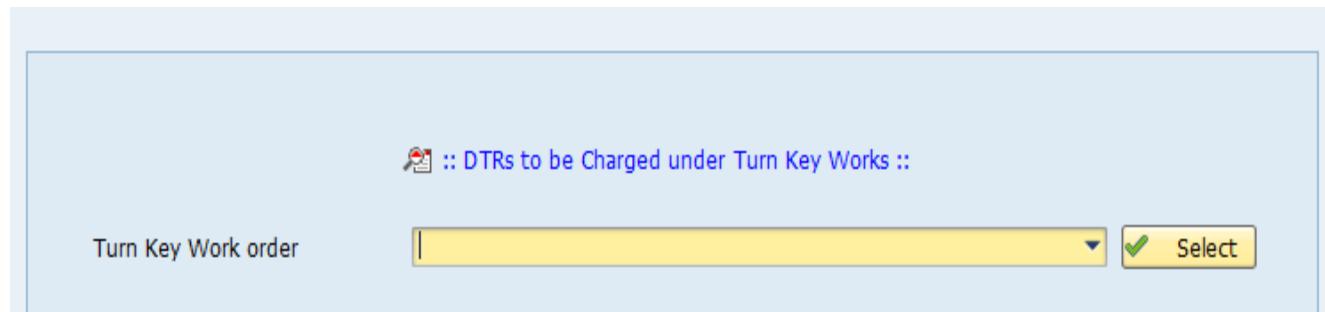
 BACK  SUBMIT

- Remarks to be entered why the DTR is not required and to be closed this DTR will disappear from the list.

DTRs charged under Turnkey work



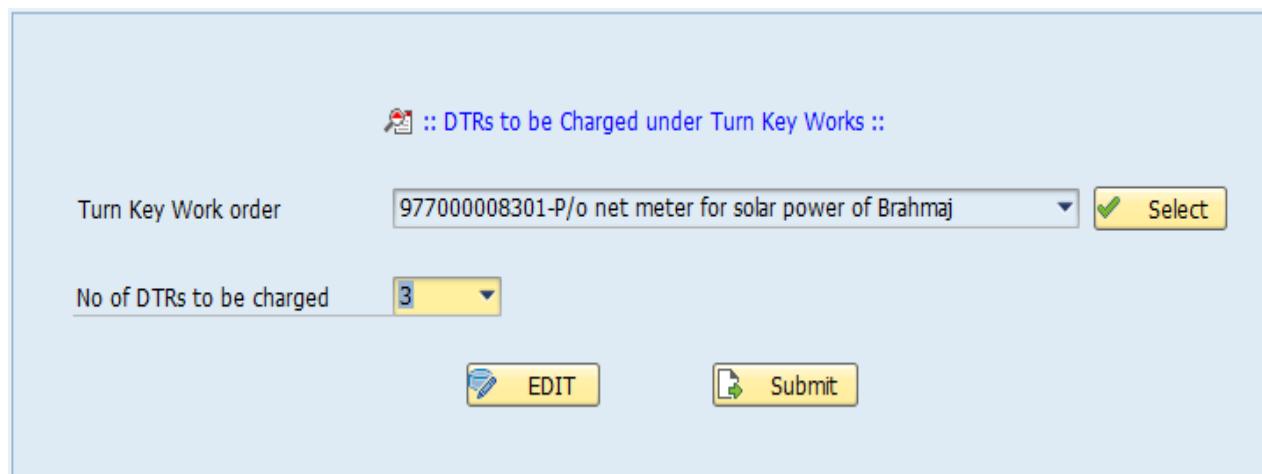
Step-1 All Turnkey type work orders will be displayed in the drop down and the user has to select the work order



Turn Key Work order

Step-2

After selecting the work order, the user has to give no. of DTRs to be charged on that work order. If user want to change the work order press on Edit button. **Once submitted, no. of DTRs cannot be edited.**



Turn Key Work order

No of DTRs to be charged

 EDIT  Submit

DTRs charged under Turnkey work



:: DTRs to be Charged under Turnkey Works ::

Work Details Work Order: 977000008301 Desc of Work: P/o net meter for solar power of Brahmaj
DTR Details Make: <input type="text"/> Serial No: <input type="text"/> Capacity: <input type="text"/> <input type="button" value="Select"/> Phase: <input type="text"/>
Structure Details Structure Code No: <input type="text"/> Land Mark: <input type="text"/> Predominant Load: <input type="text"/> Charging Date: <input type="text"/>
Feeder Details <input checked="" type="radio"/> Same Section <input type="radio"/> Other Section Feeder Number: <input type="text"/> <input type="button" value="CREATE"/>

- If the feeder on which the DTR is charged belongs to same section, feeder number is to be selected from the drop down

DTRs charged under Turnkeywork



If the feeder belongs to other section, then the following screen appears in which the user has to select the relevant data.

 :: DTRs to be Charged under Turnkey Works ::

Work Details
Work Order: 977000008301 Desc of Work: P/o net meter for solar power of Brahmaj

DTR Details
Make: Serial No:
Capacity: Phase:

Structure Details
Structure Code No: Land Mark:
Predominant Load: Charging Date:

Feeder Details Same Section Other Section

Circle: Division:
Sub Division: Section:
Sub Station: Feeder:

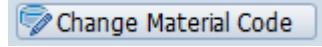
This is similar to adding new structure. These DTRs will be assigned by the construction wing charged under different schemes. Once the charge date is entered by respective ADE-Construction, these will appear for adding the new structure details.

Index	S.no:	Section	Equipment	Make	Capacity	Phase	Work Order	Work Name	Charge Date
	1	VISAKHAPATNAM-D1	101000012	SHIRIDI SAI ELECTRIC	25	3	965000002976	Release of 20 Domest	10.01.2018
	2	VISAKHAPATNAM-D1	101000016	VIDAYA ELECTRICALS	63	3	975000007279	Elect of Layout123	11.01.2018
	3	VISAKHAPATNAM-D1	101000015	VIDAYA ELECTRICALS	100	3	966000018769	Elect of layout	11.01.2018
	4	VISAKHAPATNAM-D1	101000014	VIDAYA ELECTRICALS	63	3	977000008451	Elect of Apartment	11.01.2018



- Enhanced DTRs to be devoluted to stores

DTRs to be Devoluted to Stores								
 Change Material Code								
	Sno:	Equipment No	Make	Serial No.	Capacity	Material Code	Structure Code.	Location
	1	100000414	TRANS CON INDUSTRIES	10623	160	DTC31006	032900105007	JANATHA BAZAAR
	2	100167610	TRANS CON INDUSTRIES		315	DTC30112	032900105006	OPP CBM HIGH SCHOOL

- List of DTRs which are removed as part of enhancement (using the 'Add New Structure' screen) will appear for devolution to stores.
- Please check the material code assigned to the DTR.
- Ensure that this material code is same as material code in the work order.
- If the user want to change the material code, click on 

- Enhanced DTRs to be devoluted to stores



DTRs to be Devoluted to Stores

Change Material Code

Sl.	Sno:	Equipment No	Make	Serial No.	Capacity	Material Code	Structure Code.	Location	WO No
	1	100000414	TRANS CON INDUSTRI...	10623	160	DTC31006	032900105007	JANATHA BAZAAR	520000023146
	2	100167610	TRANS CON INDUSTRI...		315	DTC30112	032900105006	OPP CBM HIGH SCHOOL	520000023147

DTRs to be Devoluted to Stores

:: Change Material Code ::

Material Code

BACK SUBMIT

In the above screen, select the material code and change.

• ➤ **Total DTRs Available**



SNo	Section Name	1-PH 5KVA	1-PH 10KVA	1-PH 15KVA	1-PH 16KVA	1-PH 25KVA	15KVA	16KVA	25KVA	40KVA	50KVA	63KVA	75KVA	100KVA	160KVA	200KVA	250KVA	315KVA	500KVA	Total No.of DTRs
1	AB OPEN D1 VSP	0	0	0	0	0	0	0	2	4	0	4	1	23	15	0	0	0	0	49
2	ADE OPNDIST VISAKHAPATN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	2	4	0	4	1	23	15	0	0	0	0	49

➤ If the user want to change the Structure code description, click on the respective count and the following screen appears

SNo	Feeder Name	SAP Structure Code	Field Structure Code	Land Mark	Equipment No	Make	Serial No	Capacity	Phase
1	03111203-VELAMPETA	<u>201111130014</u>	032900106002	RANGIREEJUVEEDHI	<u>100000508</u>	VT	EP1778	63	3
2	03111203-VELAMPETA	<u>201111130029</u>	032900124002	80	<u>100000423</u>	KTE	P3046	63	3
3	03111111	<u>201111130108</u>	011222221224	NEAR CORPORATE O...	<u>101000014</u>	VDAYA ELECTRICALS	21223	63	3
4	03111152	<u>201111130110</u>	011222221226	NEAR CORPORATE O...	<u>101000016</u>	VDAYA ELECTRICALS	21223	63	3

➤ Click on the SAP Structure code and the following screen appears in which the user can modify the description and click on submit.

:: Structure Code Details ::

Functional loc.	<input type="text" value="201111130014"/>
Description	<input type="text" value="RANGIREEJUVEEDHI"/>
<input type="button" value="SUBMIT"/> <input type="button" value="BACK"/>	



- **Total DTRs Available**

- For modifying the DTR particulars viz make, capacity, serial no and Phase, the user has to click on the equipment no and the following screen appears.

::DTR Details:

Make:	<input type="text" value="VT"/>	Capacity:	<input type="text" value="63"/>
Serial No:	<input type="text" value="EP1778"/>	Phase:	<input type="text" value="3"/>



* ► Feeder wise DTRS

Feeder Wise DTR Stock Report



S No	FEEDER	1-PH 5KVA	1-PH 10KVA	1-PH 15KVA	1-PH 16KVA	1-PH 25KVA	1-PH 40KVA	1-PH 50KVA	1-PH 63KVA	1-PH 75KVA	1-PH 100KVA	1-PH 160KVA	1-PH 200KVA	1-PH 250KVA	1-PH 315KVA	1-PH 500KVA	Total No. of DTRs
1	03111203-VELAMPETA	0	0	0	0	0	0	2	1	0	3	0	9	3	0	0	18
2	03111202-SKML	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
3	03111101-TOWN-1	0	0	0	0	0	0	0	1	0	1	4	5	0	0	0	11
4	031112104-KGH	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
5	031114104-KOTHA AGRA...	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	3
6	031112105-KOBBAARTH0...	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
7	03111103-TOWN-3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
8	03111201-PANJA JUNC...	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	4
9	11KV TOWN-III FEEDER	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
10	11KV ARLOVA FEEDER	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
11	031114102-VICTORIA H...	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	03111102-TOWN-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	3	1	18	14	0	43



* ► Feeder wise DTRs

Feeder Wise DTR Stock Report										
	S No	Feeder Name	SAP Structure Code	Field Structure Code	Land Mark	Equipment No	Make	Serial No	Capacity	Phase
	1	03111203-VELAMPETA	201111130014	032900106002	RANGIREEJUVEEDHI	100000508	VT	EP1778	63	3
	2	03111203-VELAMPETA	201111130108	011222221224	NEAR CORPORATE O...	101000014	VIDAYA ELECTRICALS	21223	63	3
	3	03111203-VELAMPETA	201111130110	011222221226	NEAR CORPORATE O...	101000016	VIDAYA ELECTRICALS	21223	63	3

- For proposing the structure in the respective scheme, select the DTR structure to be proposed for scheme this will be visible to the construction wing for charging the new DTRs and devoluting to stores.



ADE - Operations

T Code – ZPM



DTR MODULE FOR TRANSFORMER MANAGEMENT

- ▼ ADE-OP
 - ► DTRS to be Issued to AE
 - ► Sick DTRs Send to SPM
 - ► Add New Feeder
- ▼ REPORTS
 - ► Section wise Capacity wise DTRs
 - ► Healthy DTRs Available under RS
 - ► Cause Wise Analysis
 - ► Stock in Sub-Stores drawn under OBDs
 - ► Feeder wise DTRs
 - ► Repeated Structure Failures
 - ► e-Tnotes

➤ DTRs confirmed by respective AE Operations will appear as below for issuing new DTR.

DTR ISSUE TO AE

The screenshot shows a software interface titled 'DTR ISSUE TO AE'. At the top, there is a toolbar with various icons. Below the toolbar is a table with the following data:

S.NO:	SECTION_NAME	COUNT
1	VISAKHAPATNAM-D1	5



* ➤ DTRS to be Issued to AE

:: DTRs Issue to Sections ::

Section

VI SAKHAPATNAM-D1



[Submit](#)

- Select the DTR for which new DTR is to be issued.



* ► DTRS to be Issued to AE

:: Healthy DTR Issue to Section for Replacement ::

Old DTR Particulars

Reg Num	Failure Location	Make	Serial No	Capacity	Failure Date	Registration Date
191022300147	GUDAPALLI	STEL	11890829	160	30.01.2017 12:53:17	30.08.2017 12:53:17

New DTR Particulars

T-Note No	T-Note Date	Vehicle No	Vehicle Type	Agent Desg	Phase	Structure Code	New DTR Make & Serial No
VIS-100021	18.01.2018 17:43:10				►	032900105015	►

Issue



- **Sick DTRs Send to SPM**

:: Failed DTR Send to SPM ::

T-Note No	VIS-100021	T-Note Date	18.01.2018
Vehicle Number		Vehicle Type	
Agent Name		Agent Desg	

SNo	Section Name	Reg Number	Make	Serial No	Capacity	FailureDate	Rectified Date	GP	Print
1	VISAKHAPATNAM-D1	18022300140	VICTORY	5687	100	30.08.2017 12:53:17	12.11.2017 13:39:36	BGP	
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
</									

- Select the DTRs which are to be handed over to SPM.



• ➔ Add New Feeder

 :: ADD NEW FEEDER ::

Section Name:	<input type="text"/>	<input checked="" type="checkbox"/> Click Here
Sub Station:	<input type="text"/>	<input checked="" type="checkbox"/> Click Here

S No	Feeder Code	Feeder Name	Print
			▲
			▼
			◀
			▶
A.A.A A.Z.A			◀
A.A.A A.Z.A			▶






Feeder Name:	<input type="text"/>	
Feeder Code:	<input type="text"/>	Feeder Type: <input type="text"/>
Charging Date:	<input type="text"/>	Conductor Type: <input type="text"/>
Conductor Size:	<input type="text"/>	Line Type: <input type="text"/>

- Select Section Name.
- Related Substations will be displayed in the drop down select appropriate substation and press on the Click Here button. List of existing feeders will be displayed.
- Enter the New Feeder Name to be added.
- Feeder code, Feeder Type, Charging Date, conductor type, conductor size, line Type etc to be enter and press on Create Button.



DE - Operations



• ➤ ADD New Sub Station

T Code : ZPM

:: 33/11 KV SS CREATION ::

Sub Division

Click Here

Section

Click Here

SNo	Sub Station Code	Name of the Sub Station	



New 33/11 KV SS

Charging Date

CREATE



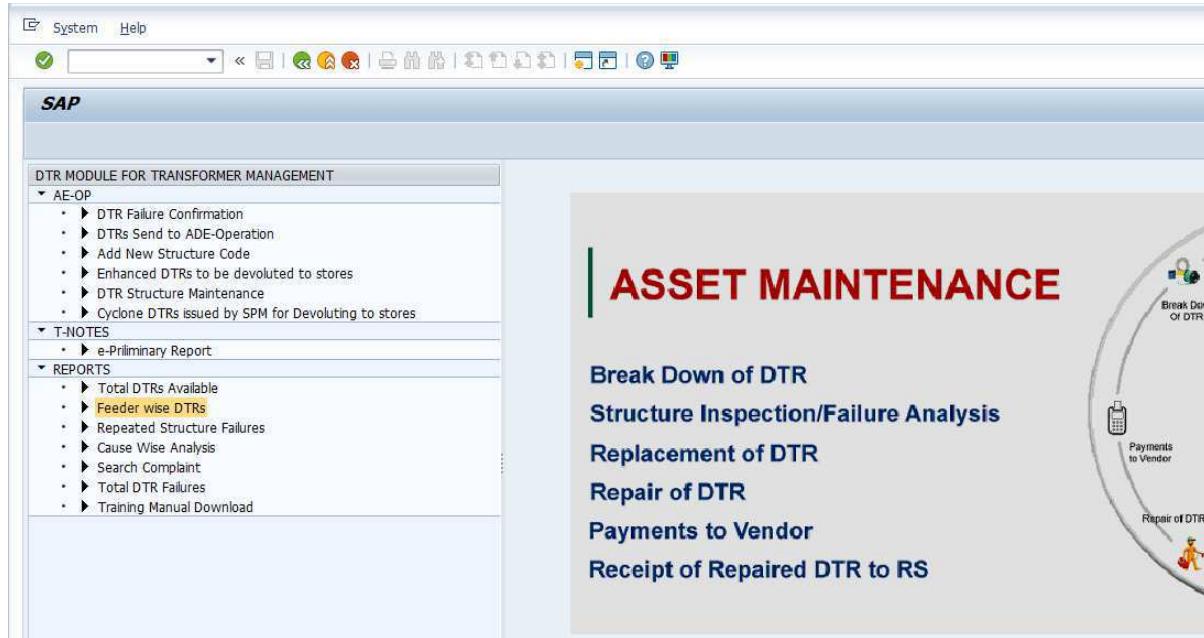
Thank You

Process of regularisation of Cyclone failed DTRs

A field (RS Type) incorporated in the Rolling Stock Issue screen of ADE-SPM to know the issued Rolling stock is for replacement of Regular failures or cyclone failures.

An option is given to the ADE-SPM/Srikakulam for issue of Healthy repaired DTRs to respective AE Operations for devoluting to stores

AE-Operations of Srikakulam where sections are effected by Titli cyclone can declare their DTRs from their login by clicking on the feederwise DTRs list.



After selecting the respective structure code and by clicking on the **Cyclone** this DTR will declare into failed by generating one registration number and this will appear in ADE login for issuing the new DTR for replacement.

S No	Feeder	Feeder Name	SAP Structure Code	Field Structure Code	Land Mark	Predominant Load	Equipment No	Make	Serial No
1	01111203	11KV GT ROAD	205111130208	011902728162	CHANDRA MOULI	COMMERCIAL-MIXED	100014007	ECE	D NO 2493
2	01111203	11KV GT ROAD	205111130193	011902710365	288	MIXED-LOAD	100034668	STEL	11840185
3	01111203	11KV GT ROAD	205111130038	011902725230	ANATHAPALLI	COMMERCIAL-MIXED	100096297	VE	DNO2963
4	01111203	11KV GT ROAD	205111130065	011902723199	NEAR TOWN HALL CHURCH	COMMERCIAL-MIXED	100096324	SVR	10267
5	01111203	11KV GT ROAD	205111130066	011902728264	MUNICIPAL OFFICE	COMMERCIAL-MIXED	100096325	SVR	9976
6	01111203	11KV GT ROAD	205111130067	011902710269	II TOWN POLICE STATION	COMMERCIAL-MIXED	100096326	VE	468997
7	01111203	11KV GT ROAD	205111130108	011902710322	S322, near konark silks	DOMESTIC-TOWN	100096367	VJAY TRANSFORMERS	1148
8	01111203	11KV GT ROAD	205111130117	011902728001	7 ROAD JUNCTION	COMMERCIAL-MIXED	100096376	VJAY ELECTRICALS	87217
9	01111203	11KV GT ROAD	205111130122	011902728088	NEAR RADHA KRISHNA CUT PJ	COMMERCIAL-MIXED	100096381	ECE	405431
10	01111203	11KV GT ROAD	205111130161	011902715147	NEAR SBI	COMMERCIAL-MIXED	100096420	VJAY ELECTRICALS	113979
11	01111203	11KV GT ROAD	205111130049	011902728070	TOWN HALL ROAD	COMMERCIAL-MIXED	100096455	SHRIDI SAI ELECTRICA	90
12	01111203	11KV GT ROAD	205111130307	011902728408	SRI FUNCTION HALL	COMMERCIAL-DEDICATED	100097199	RAYALASEEMA	550
13	01111203	11KV GT ROAD	205111130157	011902728044	VDETHA	COMMERCIAL-MIXED	100097258	ECE	V15524
14	01111203	11KV GT ROAD	205111130322	011902728419	7 ROAD JN. SS162	COMMERCIAL-DEDICATED	100097510	VICTORY ELECTRICAL	8914
15	01111203	11KV GT ROAD	205111130039	011902728007	SBI COLONY	COMMERCIAL-MIXED	100163951	SHRIDI SAI ELECTRIC	
16	01111203	11KV GT ROAD	205111130049	011902728070	TOWN HALL ROAD	COMMERCIAL-MIXED	100230942	TRINITY	12766
17	01111203	11KV GT ROAD	205111130075	011902713101	J.K.SILKS	COMMERCIAL-MIXED	100230946	TRINITY	12768
18	01111203	11KV GT ROAD	205111130188	011902728002	MUNICIPAL OFFICE	COMMERCIAL-MIXED	100244169	SHRIDI SAI ELECTRIC	
19	01111203	11KV GT ROAD	205111130189	011902728135	NEAR MUNICIPAL HEALTH OFFI	COMMERCIAL-MIXED	100244170	SHRIDI SAI ELECTRIC	
20	01111203	11KV GT ROAD	205111130336	011902713430	NAAGTAVALI SHOW ROOM	COMMERCIAL-DEDICATED	109023135	NNP	NNP
21	01111203	11KV GT ROAD	205111130338	011902713431	MISS & KIDS SHOW ROOM	COMMERCIAL-DEDICATED	109023137	NNP	NNP
22	01111203	11KV GT ROAD	205111130329	011902713423	mitra stores near ss101	COMMERCIAL-DEDICATED	109023147	NNP	NNP

Healthy repaired DTRs issued by the SPM will appear in the “**Cyclone DTRs issued by SPM for devolting to stores**”

System Help

SAP

DTR MODULE FOR TRANSFORMER MANAGEMENT

- AE-OP
 - DTR Failure Confirmation
 - DTRs Send to ADE-Operation
 - Add New Structure Code
 - Enhanced DTRs to be devoluted to stores
 - DTR Structure Maintenance
 - Cyclone DTRs issued by SPM for Devoluting to stores
- T-NOTES
 - e-Preliminary Report
- REPORTS
 - Total DTRs Available
 - Feeder wise DTRs
 - Repeated Structure Failures
 - Cause Wise Analysis
 - Search Complaint
 - Total DTR Failures
 - Training Manual Download

ASSET MAIN

Break Down of DTR

Structure Inspection/Fa

Replacement of DTR

Repair of DTR

Payments to Vendor

Receipt of Repaired DT

System Help

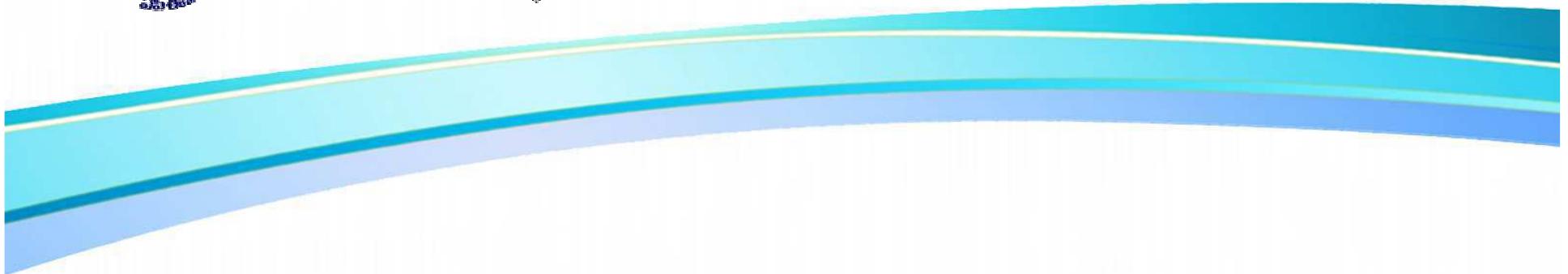
DTRs to be Devoluted to Stores

Change Material Code Send To Stores

Sno	Equipment No	Make	Serial No.	Capacity	Phase	Material Code	Material Description	Name of the Work
1	100013956	VE	1897350	100	3	DTC31006	3-PH 100KVA DTR CRGO DEVOLUTED	CYCLONE WORK ORDER



Eastern Power
Distribution Company of A.P. Ltd
ఎంపెండిస్ట్రుబ్యూషన్



How to devolute the DTR to Stores with an Equipment Number

T Code – ZPM



DTR MODULE FOR TRANSFORMER MANAGEMENT	
▼ AE-OP	<ul style="list-style-type: none">▶ Meeseva- DTR Failure Confirmation▶ DTRs Send to ADE-Operation▶ Add New Structure Code▶ Enhanced DTRs to be devoluted to stores▶ DTR Structure Maintenance▶ PR ENOTES▶ Add New Structure Code
▼ REPORTS	<ul style="list-style-type: none">▶ Total DTRs Available▶ Feeder wise DTRs▶ Repeated Structure Failures▶ Total DTR Failures▶ Cause Wise Analysis

ASSET MAINTENANCE

Break Down of DTR

Structure Inspection/Failure Analysis

Replacement of DTR

Repair of DTR

Payments to Vendor

Receipt of Repaired DTR to RS



T Code – ZPM

- Select Feeder wise DTRs.

DTR MODULE FOR TRANSFORMER MANAGEMENT

- ▼ AE-OP
 - ▶ DTR Failure Confirmation
 - ▶ DTRs Send to ADE-Operation
 - ▶ Add New Structure Code
 - ▶ Enhanced DTRs to be devoluted to stores
 - ▶ DTR Structure Maintenance
- ▼ T-NOTES
 - ▶ e-Preliminary Report
- ▼ REPORTS
 - ▶ Total DTRs Available
 - ▶ **Feeder wise DTRs**
 - ▶ Repeated Structure Failures
 - ▶ Cause Wise Analysis
 - ▶ Search Complaint
 - ▶ Total DTR Failures
 - ▶ Training Manual Download



T Code – ZPM

- Feeder wise List of Transformers report will appear as below

Feeder Wise DTR Stock Report																					
S No	Feeder	Feeder Name	1-PH 5	1-PH 10	1-PH 15	1-PH 16	1-PH 25	15	16	25	40	50	63	75	100	160	200	250	315	500	Total N..
1	03114104	11KV KOTHA AGRAHARAM	0	0	0	0	0	0	0	1	4	0	0	0	5	8	0	1	0	0	19
2	03111101	11KV TOWN-1	0	0	0	0	0	0	0	2	1	0	1	0	9	13	0	0	0	0	26
3	03111203	11KV VELAMPETA	0	0	0	0	0	0	0	0	3	0	1	0	9	9	0	2	2	0	26
4	03111201	11KV PANJA JUNCTION	0	0	0	0	0	0	0	0	4	0	0	0	0	4	6	0	1	0	15
5	03112105	11KV KOBBAIRTHOTA	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	4
6	03112104	11KV KGH	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	3
7	03111202	11KV SKML	0	0	0	0	0	0	0	2	2	0	1	0	5	0	0	0	1	0	11
8	03111102	11KV TOWN-2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2
9	03111103	11KV TOWN-3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
10		11KV SANIKILI	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
			0	0	0	0	0	0	0	6	15	0	4	0	37	39	0	4	3	0	108

- Click on the respective capacity and feeder list of DTRs will appear

T Code – ZPM



- In the list respective AE/Operations can Dismantle the DTR for HT to LT conversions or Total Dismantlement of the Structures which are removed under road winding etc.
- Also AE/Operations can propose the structure under the Schemes like IPDS, DDUGY, HVDS, DDG and TSP these structures will appear to charge under the DTRs issued by construction wing also the removed DTRs will be displayed to construction wing for devolution to stores.

Feeder Wise DTR Stock Report

	S No	Feeder	Feeder Name	SAP Structure Code	Field Structure Code	Land Mark	Predominant Load	Equipment No	Make	Serial No	Capacity	Phase
	1	03111101	11KV TOWN-1	201111130006	032900124018	SS97 Pandhaveedhi	DOMESTIC-TOWN	100000400	STAR DELTA TRANSF...	6521	160	3
	2	03111101	11KV TOWN-1	201111130033	032900105009	DURGALAMMA TEMPLE	MIXED-LOAD	100000427	ECE	3009	160	3
	3	03111101	11KV TOWN-1	201111130034	032900110006	NAVARANG THEATRE	MIXED-LOAD	100000428	HINT TRANSFORMERS	8637	160	3
	4	03111101	11KV TOWN-1	201111130003	032900124025	SS104 Ridhi Siddhi	COMMERCIAL-DEDICATED	100007327	TOSHIBA	2065639	160	3
	5	03111101	11KV TOWN-1	201111130004	032900124026	SS105 Ridhi Siddhi	COMMERCIAL-DEDICATED	100007406	NNP	NNP	160	3
	6	03111101	11KV TOWN-1	201111130007	032900124019	SS98 Oil Mill Street	DOMESTIC-TOWN	100007414	VICTORY	38294	160	3
	7	03111101	11KV TOWN-1	201111130074	032900104006	SEA HORSE JUNCTION	MIXED-LOAD	100108796	NNP	NNP	160	3
	8	03111101	11KV TOWN-1	201111130027	032900110003	PRASAD GARDENS	MIXED-LOAD	100120014	SHIRDI SAI ELECTRIC...		160	3
	9	03111101	11KV TOWN-1	201111130031	032900105015	JANATHA BAZAR	COMMERCIAL-MIXED	100121634	SOUTHERN POWER D...		160	3
	10	03111101	11KV TOWN-1	201111130032	032900105016	JANATHA BAZAR	MIXED-LOAD	100121635	SOUTHERN POWER D...		160	3
	11	03111101	11KV TOWN-1	201111130069	032900106008	POORNA MARKET	MIXED-LOAD	100182667	Vijai Electricals L	0	160	3
	12	03111101	11KV TOWN-1	201111130071	032900106005	POORNA MARKET	MIXED-LOAD	100185200	SHIRDI SAI ELECTRICA	0	160	3
	13	03111101	11KV TOWN-1	201111130065	032900124005	SS-83 VEDANATA OFFICE	COMMERCIAL-DEDICATED	100248197	VICTORY ELECTRICA...	123	160	3



T Code – ZPM

- After clicking on the Dismantlement of the DTR following screen will appear. On which work order this DTR is going to Dismantle and reason for the dismantlement has to be given.
- Click on submit

Feeder Wise DTR Stock Report

@@ :: Reason For Dismantlement ::

Work order

Reason



T Code – ZPM

- After submitting this will appear in the “Enhanced DTRs to be devoluted to stores”.
- From this report we can give the equipment no to stores for devolution.
- Material code for the equipment and work order to be same else respective AE/Operation has to change the material code.

DTRs to be Devoluted to Stores												
	Sno:	Equipment No	Make	Serial No.	Capacity	Phase	Material Code	Material Description	Structure Code	Location	WO No	Name of the Work
	1	10000423	KTE	P3046	100	3			032900105011	JANATHA BAZAR	510000068537	* Estimate for replacement of damaged co
	2	100224628	SHIRDI SAI ELECTRICALS		100	3	DTA30018	3-PH 25KVA DTR(CON) AMARP AL BEE 5 STAR	032900107013	KOTHA AGRAHAM		
	3	100258007	VICTORY ELECTRICALS, HYDER	123	100	3	DTA30006	3-PH 100KVA DTR AMARPHOUS	034545474	TEST222		
	4	100249236	VICTORY ELECTRICALS, HYDER	123	100	3	DTA30013	3-PH 100KVA DTR AMARPHOUS BEE 5 STAR	034545475	TEST222		