



Eastern Power
Distribution Company of A.P. Ltd
ఆంధ్ర ప్రదేశ్ తూర్పు ప్రాంత విద్యుత్ పంపిణీ సంస్థ

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	191022300151	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 Type	DTR FAILURE
Complaint Details	HG FUSE BLOWM OFF (INTERNAL F				

☒ DTR Not Failed ☐ Failure Confirmation

Rectification Remarks Rectification Date Rectification Time

- 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 BLOWM OFF (INTERNAL F				

☐ DTR Not Failed ☒ Failure Confirmation **Step-1** Select this Radio Button

Failure Confirmation:

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

Failure Confirmation Date 18.01.2018 08:20:53

DTR Details:

Make:	<input type="text"/>	Capacity:	<input type="text"/>	Edit
Serial No:	<input type="text"/>	Phase:	<input type="text"/>	
Guarantee Period	<input type="text"/>	SUBMIT		

* ► Meeseva- DTR Failure Confirmation

Step-3 Press on this down Arrow button

Size/dimension (1) 110 Entries found

Details from CCC/Meeseva:

Registration No: 191022300151 Registrat

Contact No: 9705270327 Failure

Complaint Details: HG FUSE BLOWN OFF (INTERN

☐ DTR Not Failed ☒ Failure Confirmation

Failure Confirmation:

Structure Code:

Failure Confirmation Date: 18.01.2018 08:2

DTR Details:

Make: Capacity:

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



Size/dimension (1) 110 Entries found

Restrictions

Functional Location

Size/dimension

FuncLocDescrip.

Details from CCC/Meeseva:

Registration No 191022300151 Registrat

Contact No 9705270327 Failure

Complaint Details HG FUSE BLOWN OFF (INTERN

☐ DTR Not Failed ☒ Failure Confirmation

Failure Confirmation:

Structure Code:

Failure Confirmation Date 18.01.2018 08:

DTR Details:

Make:

110 Entries found

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

- 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

Failure Confirmation:

Structure Code: 032900106012

Failure Confirmation Date 18.01.2018 08:38:46

DTR Details:

Make: Capacity:

Serial No: Phase:

Guarantee Period

Step-4 Press on the
select button

► Meeseva- DTR Failure Confirmation

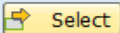


Details from CCC/Meeseva:

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:

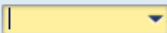
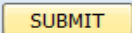
Structure Code: 032900106012 

Failure Confirmation Date 18.01.2018 08:44:20

DTR Details:

Make: Vijai Electricals L Capacity: 100 

Serial No: 123444 Phase: 3

Guarantee Period  

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:	Vjai 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	▼
Particulars of earthing done	
Total load connected to the transformer(KW)	
Peak load reached so far prior to failure(amps)	
Capacity of HG fuse used on HT side(SWG)	
Capacity of HG fuse used on LT side(SWG)	
Whether transformer was sick previously	▼
Megger RY Values Before Isolating the DTR(ohms)	
Megger YB Values Before Isolating the DTR(ohms)	
Megger BR Values Before Isolating the DTR(ohms)	
Details of protection available	
Maximum load in the equipment in amps	
Weather conditions at the time of failure	

SAR

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

e-Preliminary Report



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DP Smart form for R

PRINT PDF

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

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

Step-8 Print/ PDF download

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

e-Preliminary Report Proforma



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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 will 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 ::

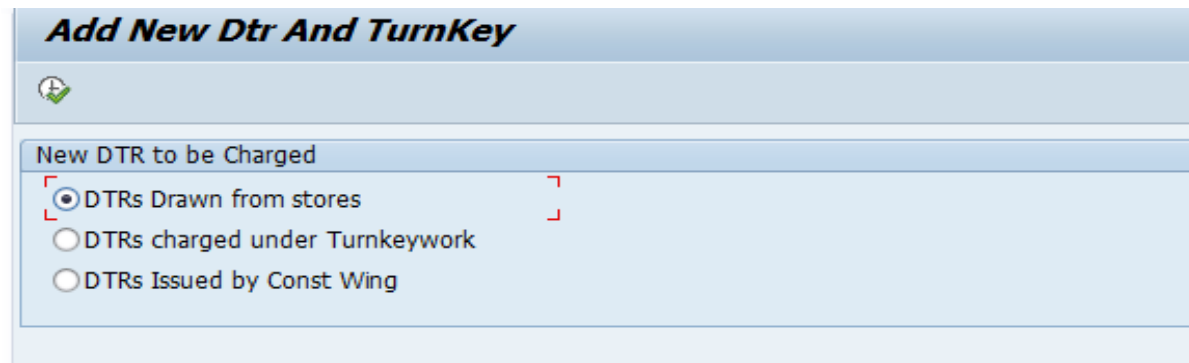
T-Note No T-Note Date

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



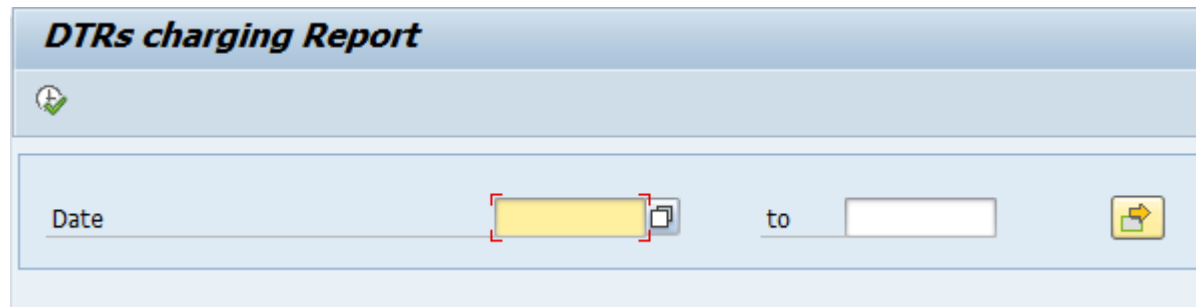
New DTR to be Charged

☒ 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 Charge
1	VISAKHAPATNAM-D1	16	10	0	0	0	0	0	0	0	4	0	0	0	1	1	0	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						
 Add New DTR  Enhancement of DTR  Deletion of DTR						
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	

* ► Add New Structure Code



 :: Add New DTR Particulars ::

⚙️ DTR Particulars

Equipment No:	<input type="text" value="100000274"/>	Capacity:	<input type="text" value="40"/>	Phase:	<input type="text" value="3"/>
Make:	<input type="text"/>			Serial No:	<input type="text"/>

⚙️ Structure Code Particulars

Structure Code No:	<input type="text"/>	Land Mark:	<input type="text"/>
Predominant Load:	<input type="text"/>	Charging Date:	<input type="text"/>

⚙️ Feeder Particulars

<input checked="" type="radio"/> Same Section	<input type="radio"/> Other Section
Feeder Number:	<input type="text"/>

CREATE

Enhancement of DTR



 :: Enhancement of DTRs ::

Old DTR Details

Structure Code:	<input type="text"/>	 Click Here
Equipment No:	<input type="text"/>	Capacity: <input type="text"/>
Make:	<input type="text"/>	Phase: <input type="text"/>
	<input type="text"/>	Serial No: <input type="text"/>

New DTR Details

Equipment No:	<input type="text" value="100000274"/>	Capacity: <input type="text" value="40"/>	Phase: <input type="text" value="3"/>
Make:	<input type="text"/>	<input type="text"/>	Serial No: <input type="text"/>
<input type="button" value="SUBMIT"/>			

Deletion of DTR



DTRs charging Report

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

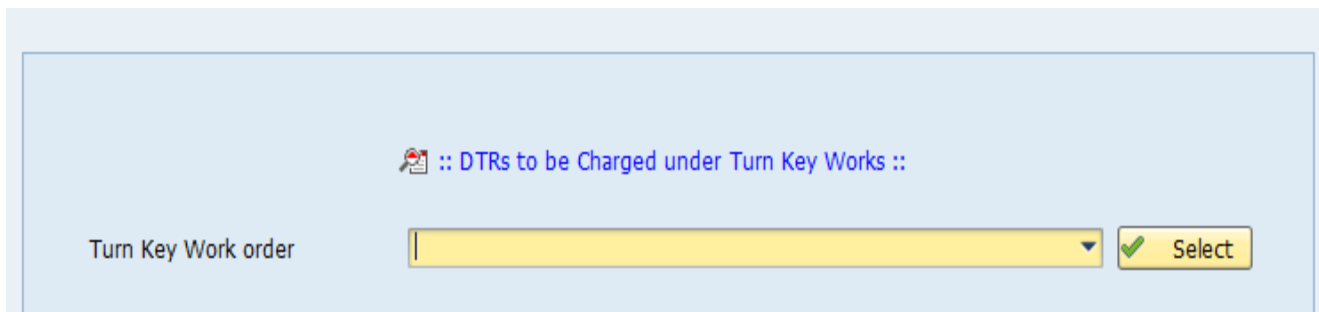
:: Why DTR is not required ? ::

Remarks

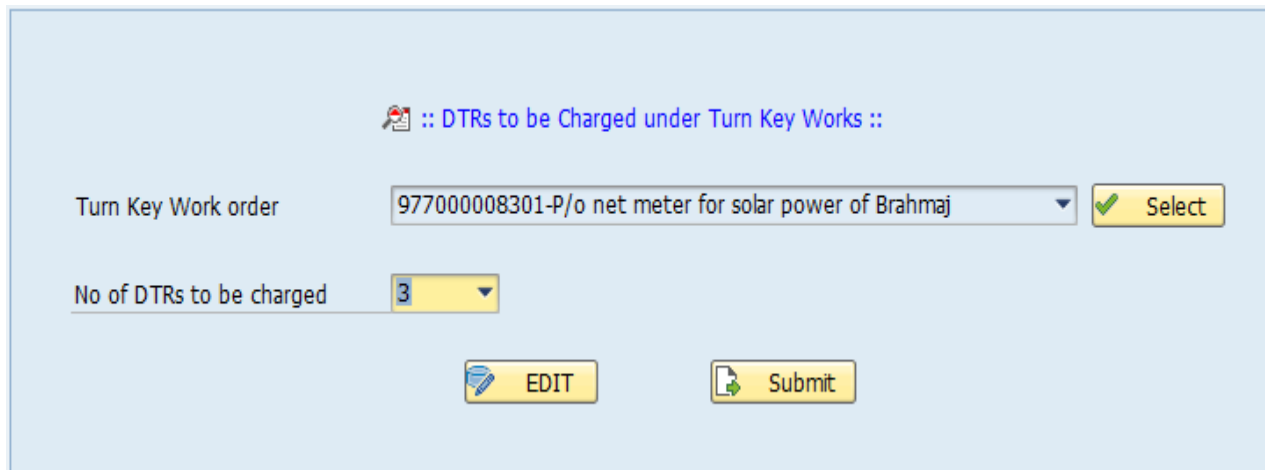
- Remarks to be entered why the DTR is not required and to be closed this DTR will disappear from the list.

DTRs charged under Turnkeywork

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


This screenshot shows the first step of the process. It features a light blue header with the text 'DTRs to be Charged under Turn Key Works ::'. Below this, there is a label 'Turn Key Work order' followed by a yellow dropdown menu. To the right of the dropdown is a yellow button with a green checkmark and the text 'Select'.

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.**

This screenshot shows the second step of the process. It has the same header as the first screenshot. The 'Turn Key Work order' dropdown now contains the text '977000008301-P/o net meter for solar power of Brahmaj'. Below this, there is a label 'No of DTRs to be charged' followed by a yellow dropdown menu showing the number '3'. At the bottom, there are two buttons: a yellow button with a blue pencil icon and the text 'EDIT', and a yellow button with a green document icon and the text 'Submit'.

DTRs charged under Turnkeywork



 :: 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: ☒ Select Phase:

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


Feeder Details ☒ Same Section ☐ Other Section
Feeder Number:


- 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:

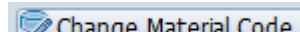
⦿ DTRs Issued by Const Wing

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.

⌵	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	VIJAYA ELECTRICALS	63	3	975000007279	Elect of Layout123	11.01.2018
	3	VISAKHAPATNAM-D1	101000015	VIJAYA ELECTRICALS	100	3	966000018769	Elect of layout	11.01.2018
	4	VISAKHAPATNAM-D1	101000014	VIJAYA 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	WO No	Name of the Work	
1	100000414	TRANSCON INDUSTRIES	10623	160	DTC31006	032900105007	JANATHA BAZAAR	520000023146	No Detailed Estimate for E/S t...	
2	100167610	TRANSCON INDUSTRIES		315	DTC30112	032900105006	OPP CBM HIGH SCHOOL	520000023147	release of 13 Nos single phase ...	

- 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

Sno:	Equipment No	Make	Serial No.	Capacity	Material Code	Structure Code.	Location	WO No
1	100000414	TRANSCON INDUSTRI...	10623	160	DTC31006	032900105007	JANATHA BAZAAR	520000023146
2	100167610	TRANSCON 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	Structure 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	OPN 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	201111130014	032900106002	RANGIREEJUVEEDHI	100000508	VT	EP1778	63	3
2	03111203-VELAMPETA	201111130029	032900124002	80	100000423	KTE	P3046	63	3
3	03111111	201111130108	0112222221224	NEAR CORPORATE O...	101000014	VIJAYA ELECTRICALS	21223	63	3
4	03111152	201111130110	0112222221226	NEAR CORPORATE O...	101000016	VIJAYA 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.

Description

• ▶ 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	15KVA	16KVA	25KVA	40KVA	50KVA	63KVA	75KVA	100KVA	160KVA	200KVA	250KVA	315KVA	500KVA	Total No. of DTRs
1	03111203-VELAMPETA	0	0	0	0	0	0	0	2	1	1	0	3	0	9	3	0	0	0	18
2	03111202-SKML	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
3	03111101-TOWN-1	0	0	0	0	0	0	0	0	1	1	0	1	4	5	0	0	0	0	11
4	03112104-KGH	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
5	03114104-KOTHA AGRA...	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	3
6	03112105-KOBBARITHO...	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
7	03111103-TOWN-3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
8	03111201-PANJA JUNC...	0	0	0	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	0	0	0	1	0	0	0	0	1
10	11KV ARILOVA FEEDER	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
11	03114102-VICTORIA H...	0	0	0	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	2	5	0	3	1	18	14	0	0	0	0	43

Feeder wise DTRs

Feeder Wise DTR Stock Report										
<div> <div>IPDS</div> <div>DDUGY</div> </div>										
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	0112222221224	NEAR CORPORATE O...	101000014	VIJAYA ELECTRICALS	21223	63	3	
3	03111203-VELAMPETA	201111130110	0112222221226	NEAR CORPORATE O...	101000016	VIJAYA 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

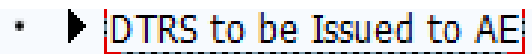
- ▼ ADE-OP
 - ▶ **DTRS to be Issued to AE**
 - ▶ Sick DTRs Send to SPM
 - ▶ Add New Feeder
- ▼ REPORTS
 - ▶ Section wise Capacity wise DTRs
 - ▶ Healthy DTRs Available under RS
 - ▶ Cause Wise Analysis
 - ▶ Stock in Sub-Stores drawn under OBDs
 - ▶ Feeder wise DTRs
 - ▶ Repeated Structure Failures
 -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

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

DTR ISSUE TO AE

S.NO:	SECTION_NAME	COUNT
1	VISAKHAPATNAM-D1	5



- 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	GUDIAPALLI	STEL	11890829	160	30.08.2017 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
 T-Note Date
 Agent Name

Vehicle Number
 Vehicle Type
 Agent Desg

SNo	Section Name	Reg Number	Make	Serial No	Capacity	FailureDate	Rectified Date	GP
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: ✓ Click Here

Sub Station: ✓ Click Here

S No	Feeder Code	Feeder Name

📄 📄 📄 📄

Feeder Name:

Feeder Code: Feeder Type:

Charging Date: Conductor Type:

Conductor Size: Line Type:

CREATE


- 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

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

The screenshot displays the SAP Asset Maintenance (ASSET MAINTENANCE) interface. On the left, a navigation tree under 'DTR MODULE FOR TRANSFORMER MANAGEMENT' shows the 'ADE-SPM' menu expanded, listing various tasks such as 'DTRs Issued to Field Staff', 'DTR'S Receipt by SPM', 'Failure Cause Updation', 'Sick DTRs at SPM', 'DTRs Pending for 1st Inspection', 'DTRs Pending for 2nd Inspection', 'DTRs Ready for Delivery', 'Adding New Rolling Stock', 'DTRs Drawn From Stores', 'Healthy DTRs Issued for Store Devolution' (highlighted with a yellow border), 'Requisition Create', and 'Requisition Create (Paper Transaction)'. Below this, 'T-NOTES' and 'BILLING' sections are also visible. On the right, the main content area is titled 'ASSET MAINTENANCE' and lists several key tasks: 'Break Down of DTR', 'Structure Inspection/Failure Analysis', 'Replacement of DTR', 'Repair of DTR', 'Payments to Vendor', and 'Receipt of Repaired DTR to RS'.

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-Priliminary Report
- ▼ REPORTS
 - ▶ Total DTRs Available
 - ▶ **Feeder wise DTRs**
 - ▶ Repeated Structure Failures
 - ▶ Cause Wise Analysis
 - ▶ Search Complaint
 - ▶ Total DTR Failures
 - ▶ Training Manual Download

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

CYCLONE

Feeder Wise DTR Stock Report

☐ IPDS
 ☐ DDUGY
 ☐ HVDS
 ☐ DDG
 ☒ Dismantlement of DTR
 ☐ TSP
 ☐ Cyclone

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	VJDAY TRANSFORMERS	1148
8	01111203	11KV GT ROAD	205111130117	011902728001	7 ROAD JUNCTION	COMMERCIAL-MIXED	100096376	VDAY ELECTRICALS	87217
9	01111203	11KV GT ROAD	205111130122	011902728088	NEAR RADHA KRISHNA CUT PI	COMMERCIAL-MIXED	100096381	ECE	405431
10	01111203	11KV GT ROAD	205111130161	011902715147	NEAR SBI	COMMERCIAL-MIXED	100096420	VDAY ELECTRICALS	113979
11	01111203	11KV GT ROAD	205111130049	011902728070	TOWN HALL ROAD	COMMERCIAL-MIXED	100096455	SHIRDI SAI ELECTRIC	90
12	01111203	11KV GT ROAD	205111130307	011902728408	SRI FUNCTION HALL	COMMERCIAL-DEDICATED	100097199	RAYALASEEMA	550
13	01111203	11KV GT ROAD	205111130157	011902728044	VJETHA	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	SHIRDI 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	SHIRDI SAI ELECTRIC	
19	01111203	11KV GT ROAD	205111130189	011902728135	NEAR MUNICIPAL HEALTH OFFI	COMMERCIAL-MIXED	100244170	SHIRDI 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



Eastern Power
Distribution Company of A.P. Ltd
ఆంధ్ర ప్రదేశ్ విద్యుత్ పంపిణీ సంస్థ

How to devolute the DTR to Stores with an Equipment Number

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

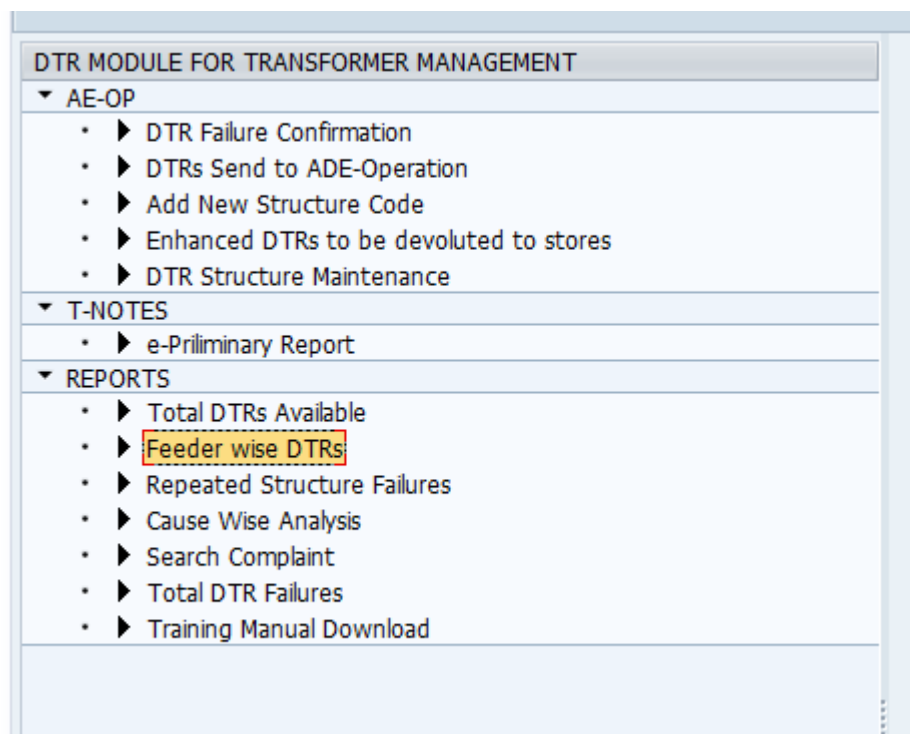
- ▶ Total DTRs Available
- ▶ Feeder wise DTRs
- ▶ Repeated Structure Failures
- ▶ Total DTR Failures
- ▶ Cause Wise Analysis

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

T Code – ZPM

- Select Feeder wise DTRs.



T Code – ZPM

- Feeder wise List of Transformers report will appear as below

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	4	6	0	1	0	0	15
5	03112105	11KV KOBBARITHOTA	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	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	1	0	0	1	0	0	0	0	2
9	03111103	11KV TOWN-3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	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

☐ IPDS
 ☐ DDUGY
 ☐ HVDS
 ☐ DDG
 ☒ Dismantlement of DTR
 ☐ TSP

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

 Change Material Code Send To Stores

Sno	Equipment No	Make	Serial No.	Capacity	Phase	Material Code	Material Description	Structure Code	Location	WO No	Name of the Work
1	100000423	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 AGRAHARAM		
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		