

USER MANUAL_V 1.3

HESCOM_DTLMS

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Document Revision History

Ver. No.	Change Information	Author	Reviewed By	Release Date
1.0	Initial Release	Sarbajit Behera	Manjunath H	18-04-2023
1.1	Update the recent changes i.e. Work order number range allocation and consumer complained number on failure entry page.	Sarbajit Behera	Manjunath H	22-05-2023
1.2	Updated the recent changes of the Repairer Flow	Naveen Choudary	Sarbajit Behera	27-07-2023
1.3	Updated the PMC procurement flow	Sarbajit Behera	Raj Kumar	20-10-2023

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Introduction

Distribution Transformers are the primary and costly asset in Electrical power sectors. Most of the power distribution companies will have lakhs numbers of transformers in their respective areas. Most of the time the power got disconnected due to the failure of the transformer or the low maintenance of the transformer. It is very much difficult to analyse the frequency of transformer failures and also have all the records manually. To overcome the difficulties software has been developed i.e. Distribution Lifecycle Management System (DTLMS)

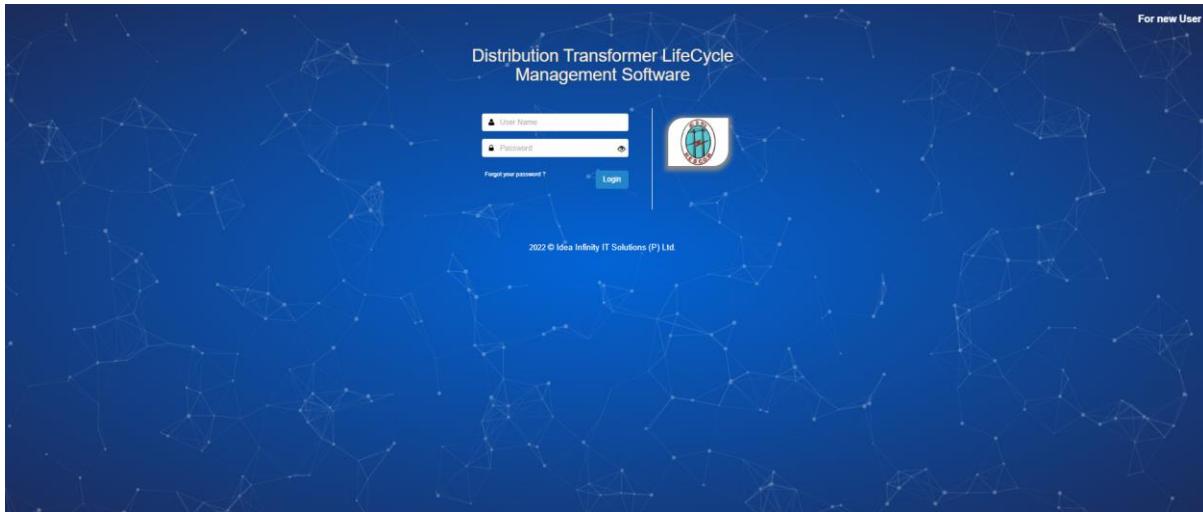
Overview

This document is generic user documentation. This document briefs on the highlights of the DTLMS application. All application modules are explained in terms of their features and how to use them same. The user can be familiar with application usage and features of the DTLMS application referring to this document.

1. Log In

In order to use the DTLMS software, <https://hescomdtlms.com> one has to login to the system by entering his/her username and password assigned by the administrator. After first login, it is advisable to change the password by the user for security purposes. Procedure for changing the password is explained later.

To login into the DTLMS click on the link provided on the HESCOM website. The following screen is displayed, where in the user has to enter the required username and password. The user will be allowed to perform the roles defined to each person like the creation of record, editing the record, and approvable.



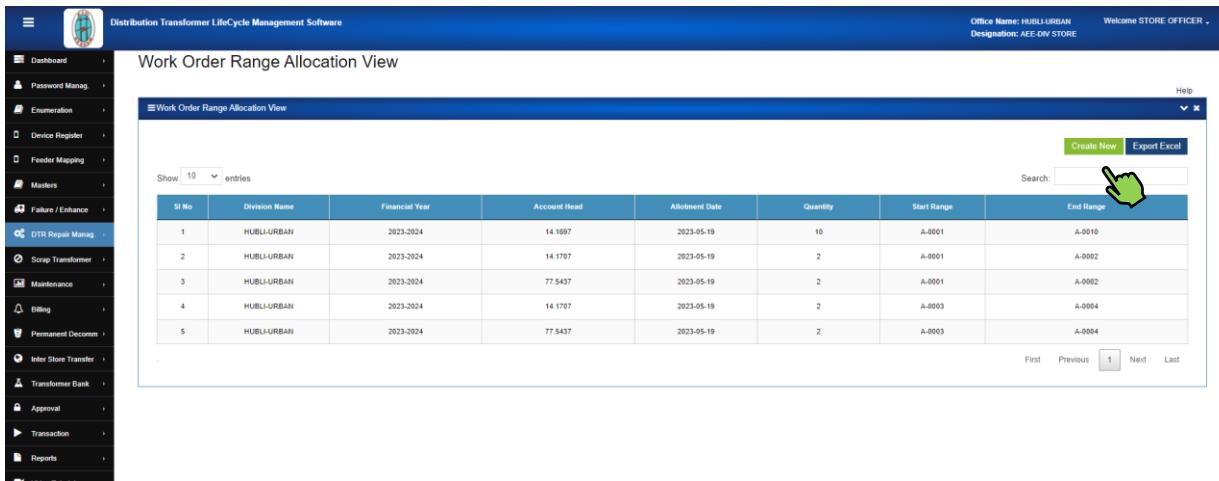
2. Work Order Number Allocation Range:

This module is used to allocate the work order number range for creating the failure and enhance work orders. As the allocation the work order number will auto increment up to the end range allocation. This allocation will be done division-wise only. The work order number format is one prefix (Optional) hyphen and four-digit numerical number i.e. [A] [-] [0001].

For allocating the work order number range of the transformer, the User should follow the below steps:

Note: - This sub-module is only accessible by the AEEO / STO officers.

- Click on the "Work Order Number Range Allocation "sub-module from the "Master" module.
- The following screen displays the details of the allocated range for the logged-in location.

The image shows the 'Work Order Range Allocation View' screen. On the left, there is a sidebar with various menu items. The main area displays a table with columns: Sl No, Division Name, Financial Year, Account Head, Allocation Date, Quantity, Start Range, and End Range. There are 5 entries in the table. A green hand cursor points to the 'Create New' button at the top right of the table area. The table has a blue header row and white rows for data.

- Click on the "New" button as pointed on the above picture

The following screen is displayed for allocating the work order number allocation range

Work Order Range Allocation

Work Order Range Allocation View

Division *	HUBLI-URBAN	Financial Year *	2023-2024
Account Head *	~Select~ Select... 14.1697 14.1707 14.1777 77.5437		
Allocation Date *			
Work Order No Start Range *	-	Quantity *	
Work Order No End Range *	-		
<input type="button" value="Submit"/> <input type="button" value="Reset"/>			



- Select the account head for allocating the range.
- Based on the selected account head the description will auto-fetch.
- Enter the start range of the work order number allocation.
- Enter the quantity, by default the end range is based on the entered quantity.
- Click on Submit button as pointed on the above picture.

The allocation will be forwarded for the next approval to the **EE division**.

- The details will be displayed in the approval inbox.
- Ref: Approval Section (Approval Inbox) for approving the records.

Note: - After allocating the commissioning work order number range, only the system will allow to allocation of the decommissioning work order number range.

The EE can modify the end range by clicking on the modified and approved button on the approval page.

3. Failure / Enhance

This module is used to report the failure of the distribution transformer, proposals for enhancement, creating estimation, creating a Work Order, and creating invoice, approving the return invoice and alternative power supply.

Following are seven sub-modules to report the above functionalities:

1. Failure Entry/Enhancement.
2. Estimation.
3. Work Order.
4. Invoice.
5. RI Acknowledgement.
6. Completion Report

The process of initiating the failure entry and proposal for enhancement is taken up by the Section Officer.

3.1.Failure Entry/Enhancement

To declare the transformer as a failure, the User should follow the below steps:

Note: - This sub-module is only accessible by the section officer.

- Click on the "Failure Entry "sub-module from the "Failure/Enhance" module.
The following screen displays the details of the transformer belonging to the log-in section officer location.

Failure Details View

Failure Details View									Help
Filter By :		<input checked="" type="radio"/> View All	<input type="radio"/> Already Created						Export To Excel
SNo	Transformer Centre Code	TIMS Code	Transformer Centre Name	DTR Code	DTR SNo	Make Name	Capacity(in KVA)	Action	
1	HAAJZR	jbjsjfs		H600002	fgjfsjfs	LAJKSHMI	750		
2	HAAAAPV	dhhhdhvhjd		H101006	shhes56556	LAJKSHMI	100		
3	HAAAMP	dvsapsp		H100893	hhhs5954821	ACC	100		
4	HAAASN	IDEA		H600038	HARI11	KAVIKA	50		
5	HAAATN	test		H600083	32325	VUAY	50		
6	HAAAQ	5675676576HJMNHGM		H101000	JUJ0796969068	POWER SYSTEM	10		
7	HAAABG	124543311313	test	H100496	tets	KAVIKA	250		
8	HAAAYV	test		H100766	NNPH100766	NNP	750		
9	HAAAPA	235	Kavika201	H100984	Kav21	KAVIKA	25		
10	HAAATQ	558545551	fyucqat3435w	H600099	zhhshts6453	KAVIKA	100		
<input type="button" value="Enter DTC Code"/>		<input type="button" value="Enter Tims Code"/>	<input type="button" value="Enter DTC Name"/>	<input type="button" value="Enter DTR Code"/>	<input type="button" value="Q"/>				
1	2	3	4	5	...	Last			

- Click on the "Declare Failure "action button as pointed on the above picture.
The following screen is displayed for with details of the DTC.

Declare Failure

Failure Failure with Enhancement

Please Check The DTC and DTR Code Before Declaring The Failure

Transformer Centre Code*	HAAATO View Transformer Centre Details	DTR Code	H600099 View DTR Details
Transformer Centre Name	fyucqat3435w	DTR Make	KAVIKA
Load KW	505.00	DTR Serial Number	Zhhsm96453
Load Hp	856.00	Manf. Date	01/19/2022
Transformer Centre Commission Date*	01/11/2022	Last Repaired By	
DTR Commission Date *	01/12/2022	Last Repaired Date	
Capacity(in KVA)	100	Rating	BEE 3 STAR
Section	UNIT-1-KESHWAPUR	Condition Of TC	
Quantity Of Oil(as per Tank Capacity)*	6956164949	Guaranty Type	WGP

Failure Entry Details																																																
<table border="1"> <tr> <td>Failure Type *</td> <td>-Select-</td> <td>Load Type *</td> <td>-Select-</td> </tr> <tr> <td>Alternate Replacement*</td> <td>-Select-</td> <td>Type of Oil *</td> <td>-Select-</td> </tr> <tr> <td>Reason *</td> <td></td> <td>Type of DTC *</td> <td>-Select-</td> </tr> <tr> <td>Failed Date *</td> <td></td> <td>Modem *</td> <td>-Select-</td> </tr> <tr> <td>Transformer Centre Reading</td> <td></td> <td>Condition Of Tank *</td> <td>-Select-</td> </tr> <tr> <td>H.T.Bushing *</td> <td>-Select-</td> <td>Explosion Vent Valve *</td> <td>-Select-</td> </tr> <tr> <td>L.T.Bushing *</td> <td>-Select-</td> <td>Breather *</td> <td>-Select-</td> </tr> <tr> <td>Drain Valve *</td> <td>-Select-</td> <td>Customer Name *</td> <td></td> </tr> <tr> <td>H.T.Bushing Rod & Nut *</td> <td>-Select-</td> <td>Customer Mobile NO *</td> <td></td> </tr> <tr> <td>L.T.Bushing Rod & Nut *</td> <td>-Select-</td> <td>Meggar value(MΩ)</td> <td></td> </tr> <tr> <td>Oil Level Gauge *</td> <td>-Select-</td> <td>Silica Gel Condition *</td> <td>-Select-</td> </tr> <tr> <td>Work Name *</td> <td>-Select-</td> <td>Oil Level *</td> <td>-Select-</td> </tr> </table>	Failure Type *	-Select-	Load Type *	-Select-	Alternate Replacement*	-Select-	Type of Oil *	-Select-	Reason *		Type of DTC *	-Select-	Failed Date *		Modem *	-Select-	Transformer Centre Reading		Condition Of Tank *	-Select-	H.T.Bushing *	-Select-	Explosion Vent Valve *	-Select-	L.T.Bushing *	-Select-	Breather *	-Select-	Drain Valve *	-Select-	Customer Name *		H.T.Bushing Rod & Nut *	-Select-	Customer Mobile NO *		L.T.Bushing Rod & Nut *	-Select-	Meggar value(MΩ)		Oil Level Gauge *	-Select-	Silica Gel Condition *	-Select-	Work Name *	-Select-	Oil Level *	-Select-
Failure Type *	-Select-	Load Type *	-Select-																																													
Alternate Replacement*	-Select-	Type of Oil *	-Select-																																													
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Failed Date *		Modem *	-Select-																																													
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H.T.Bushing Rod & Nut *	-Select-	Customer Mobile NO *																																														
L.T.Bushing Rod & Nut *	-Select-	Meggar value(MΩ)																																														
Oil Level Gauge *	-Select-	Silica Gel Condition *	-Select-																																													
Work Name *	-Select-	Oil Level *	-Select-																																													

Approval History								
<table border="1"> <tr> <th>ACTIVITY</th> <th>APPROVER</th> <th>CREATED ON</th> <th>COMMENTS</th> </tr> <tr> <td>No records Found</td> <td></td> <td></td> <td></td> </tr> </table>	ACTIVITY	APPROVER	CREATED ON	COMMENTS	No records Found			
ACTIVITY	APPROVER	CREATED ON	COMMENTS					
No records Found								

- All the mandatory details should be filled in by the user.
- Click on the "Save" Button as pointed out in the above picture.
- Saved successfully" message is displayed confirming that the data is saved.
- A confirmation pop-up will be displayed, click on the "OK" button to close the Pop-up window.
- The four-digit consumer complaint number should be filled by the user.

3.2.Estimation.

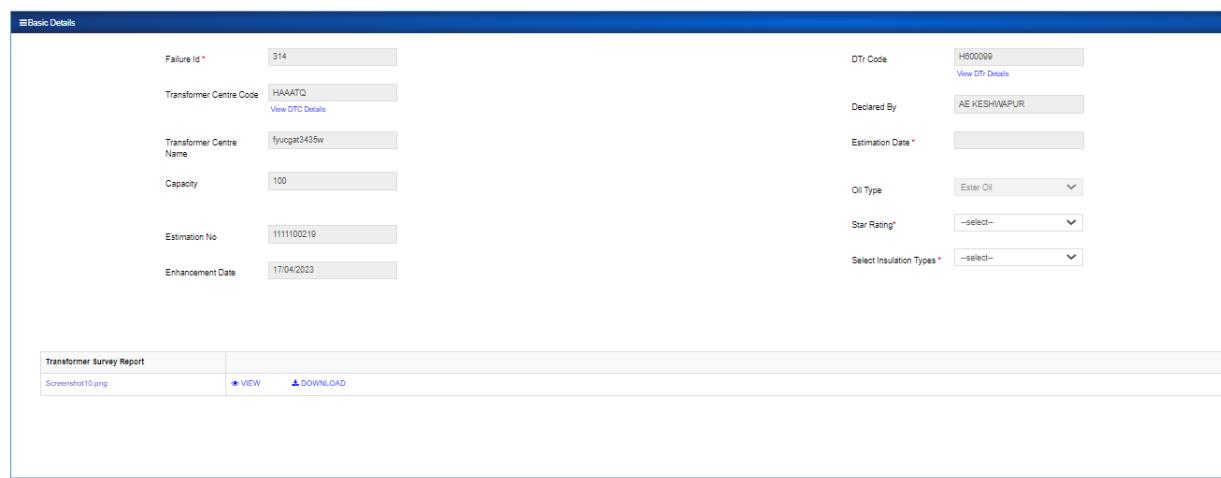
For estimating the declared failure transformer, the User should follow the below steps:

Note: - This sub-module is only accessible by the section officer

For creating the Estimation user should follow the approval process, The Detailed process is explained in the approval section.

The following screen is displayed for the creating estimation of the declared failure transformer: -

Create Estimation



Approval History		
ACTIVITY	APPROVER	CREATED ON
Failure Entry	AE KESHWAPUR	17 APR 2023 06:51 PM

- All the mandatory details should be filled in by the user.
- Click on the "Save" Button as pointed out in the above picture.
- Saved successfully" message is displayed confirming that the data is saved.
- A confirmation pop-up will be displayed, click on the "OK" button to close the Pop-up window.

The estimation will be forwarded for the next approval to the **AEE Subdivision**.

The details will be displayed in the approval inbox.

Ref: Approval Section (Approval Inbox) for approving the records.

3.3.Work Order

For the creation of a work order of the failure estimation, the User should follow the below steps:

Note: - This sub-module is only accessible by the AET division officer.

For creating the work order user should follow the approval process, The Detailed process is explained in the approval section.

The following screen is displayed for creating the work order of the failure estimation: -

Work Order

Failure ID *	314	Failure Date	17/04/2023
Transformer Centre Code	HAAATQ	DTR Code	H600099
Transformer Centre Name	fyucgat3435w	Declared By	AE KESHWAPUR
View Transformer Centre Details View DTR Details View Budget Status			

Transformer Survey Report

Screenshot10.png	VIEW	DOWNLOAD
------------------	----------------------	--------------------------

Work Order

Issued By *	EE
Capacity(in KVA) *	100

Commissioning	
Work Order No *	484 14.1707 2023-2024 1
Date *	
Amount *	206199.18
A/C Code *	14.1707

Decommissioning	
Decommission Work Order No *	484 74.5437 2023-2024 1
Decommission Date *	
Decommission Amount *	1691.26
Decommission A/C Code *	74.5437

Approval History

ACTIVITY	APPROVER	CREATED ON	COMMENTS
Failure Entry	AE KESHWAPUR	17-APR-2023 06:51 PM	
Estimation	AE KESHWAPUR	17-APR-2023 06:55 PM	
Estimation	AEE SUBDIV	18-APR-2023 11:23 AM	Approved

[Submit](#) [View Estimate](#) [Reset](#)

- All the mandatory details should be filled in by the user.
- The commissioning and decommissioning work order no will be autogenerated.
- Click on the "Save" Button as pointed out in the above picture.
- "Saved successfully" message is displayed confirming that the data is saved.
- A confirmation pop-up will be displayed, click on the "OK" button to close the Pop-up window.

The selected faulty transformers will be forwarded for the next approval as shown in the below flow:



The details will be displayed in the approval inbox.

Ref: Approval Section (Approval Inbox) for approving the records.

Auto Indent and return invoice will be created by the system, parallelly the record will go for the creation of return invoice acknowledgement and Invoice against auto RI

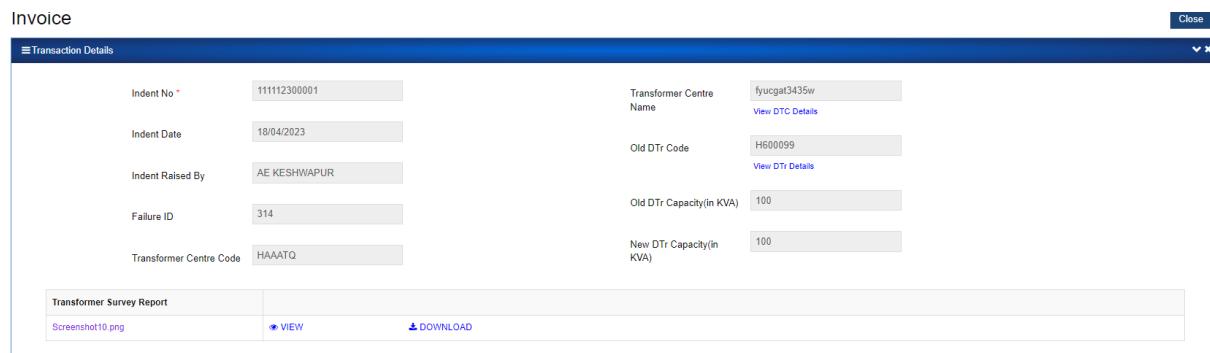
3.4.Invoice.

For the creation of an invoice against a return invoice, the User should follow the below steps:

Note: - This sub-module is only accessible by the storekeeper.

For creating the invoice user should follow the approval process, The Detailed process is explained in the approval section.

The following screen is displayed for creating the invoice against the RI: -



Invoice

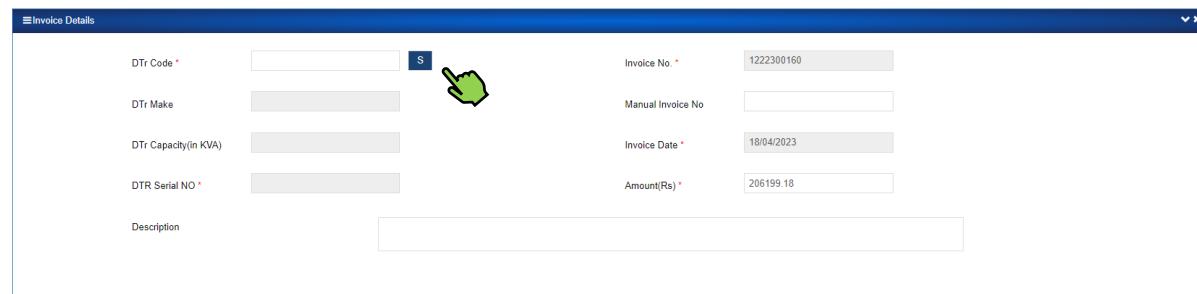
Transaction Details

Indent No *	111112300001	Transformer Centre Name	fyucgat3435w
Indent Date	18/04/2023	Old DTr Code	H600099
Indent Raised By	AE KESHWAPUR	Old DTr Capacity(in KVA)	100
Failure ID	314	New DTr Capacity(in KVA)	100
Transformer Centre Code	HAAATQ		

Transformer Survey Report

Screenshot10.png  

➤ Search the DTR code by clicking on the search button as pointed out in the below picture.

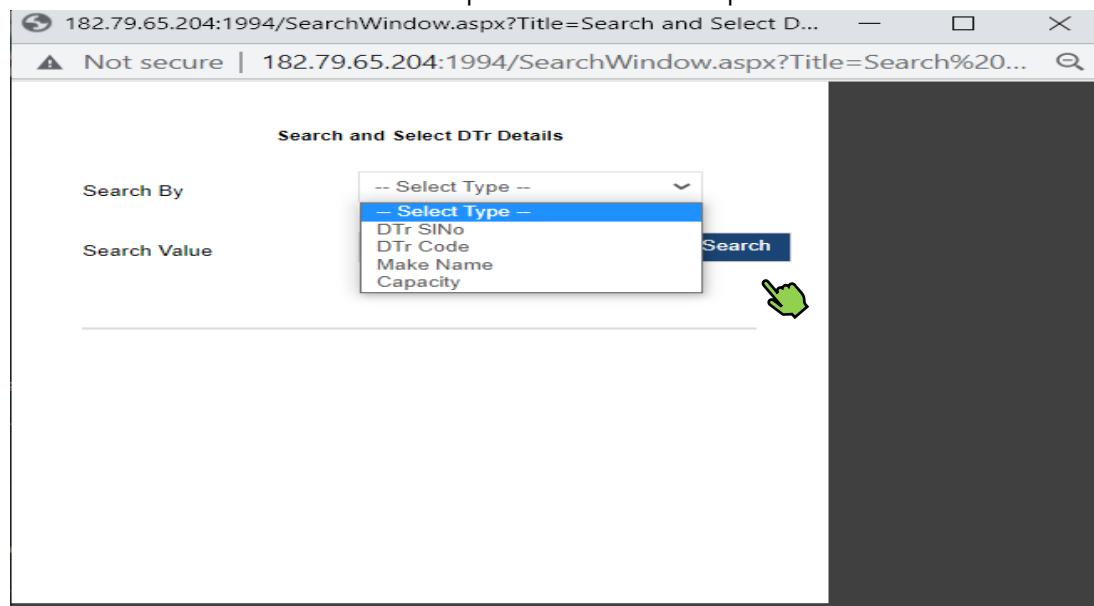


Invoice Details

DTR Code *	<input type="text"/> S	Invoice No. *	1222300160
DTR Make	<input type="text"/>	Manual Invoice No	<input type="text"/>
DTR Capacity(in KVA)	<input type="text"/>	Invoice Date *	18/04/2023
DTR Serial NO *	<input type="text"/>	Amount(Rs) *	206199.18
Description	<input type="text"/>		

➤ Select the search by option from the list as for the requirement.

➤ Click on the search button as pointed to the below picture.



182.79.65.204:1994/SearchWindow.aspx?Title=Search and Select D... — □ ×

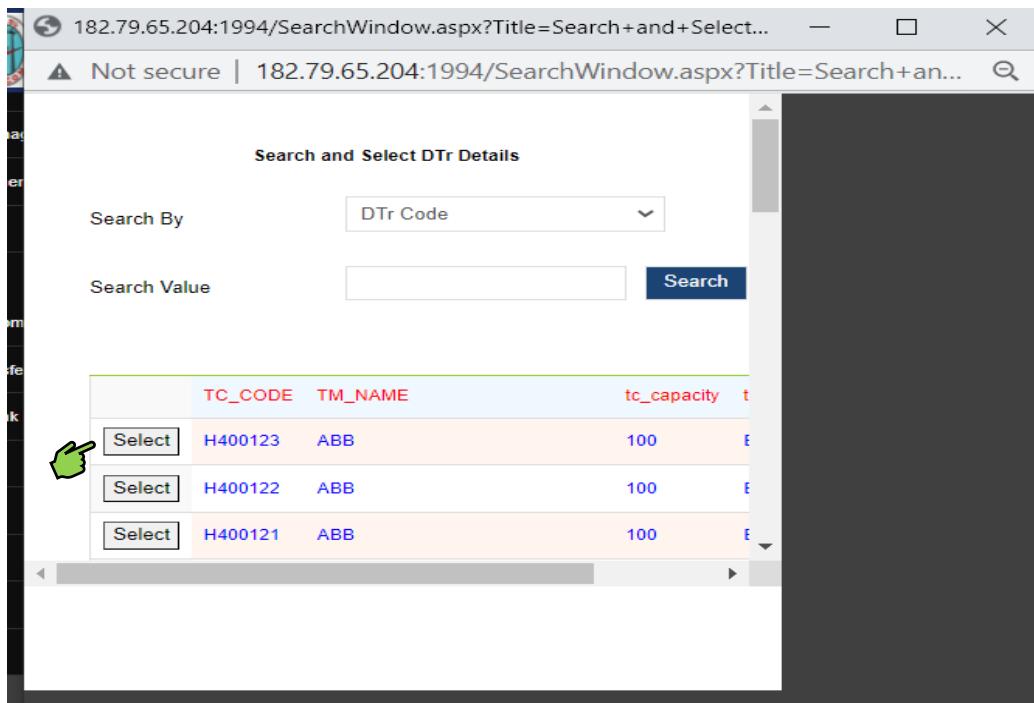
Not secure | 182.79.65.204:1994/SearchWindow.aspx?Title=Search%20... 🔎

Search and Select DTr Details

Search By

-- Select Type --
-- Select Type --
DTr SINo
DTr Code
Make Name
Capacity

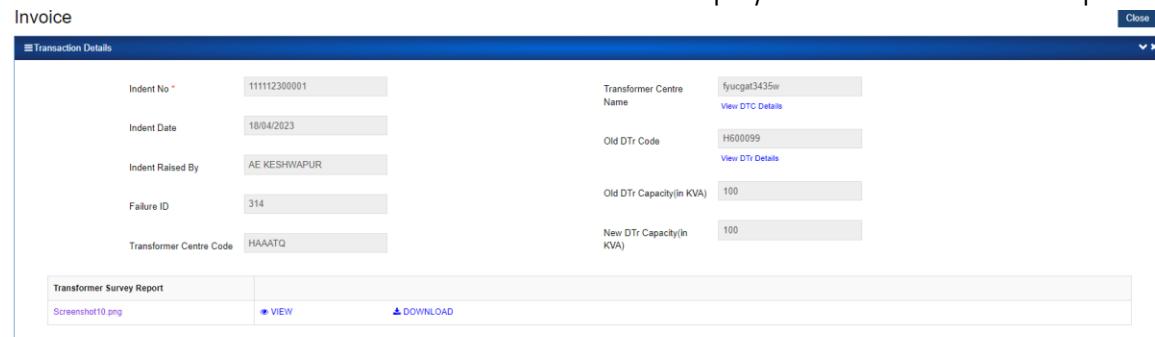
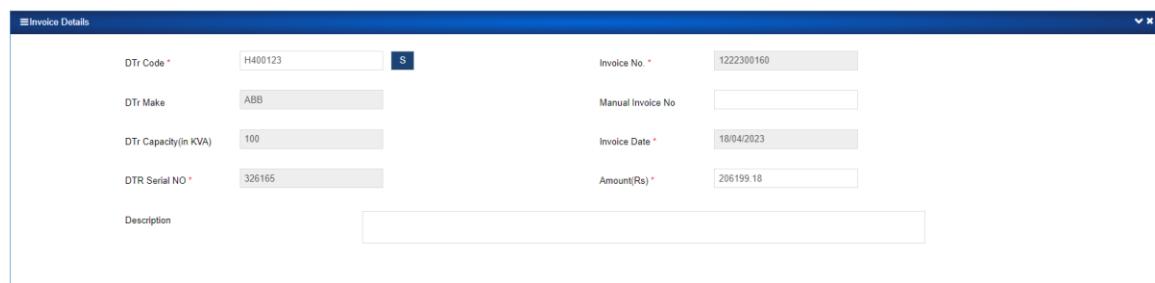
Search



- Click on the select button as shown in the above picture for invoice or issue the as pointed out in the above picture

Details of the select transformer will auto fetched and displayed as shown in the below picture:

Invoice


ACTIVITY	APPROVER	CREATED ON	COMMENTS
Failure Entry	AE KESHWAPUR	17-APR-2023 06:51 PM	
Estimation	AE KESHWAPUR	17-APR-2023 06:55 PM	
Estimation	AEE SUBDIV	18-APR-2023 11:23 AM	Approved
WorkOrder	AET DIVISION	18-APR-2023 12:19 PM	
WorkOrder	AEEODO	18-APR-2023 12:24 PM	Approved



- All the mandatory details should be filled in by the user.
- Click on the "Approve" Button as pointed out in the above picture.
- "Saved successfully" message is displayed confirming that the data is saved.
- A confirmation pop-up will be displayed, click on the "OK" button to close the Pop-up window.
- Enter the vehicle No, Challan Number and Recipient Name for the creation of the Gate pass.
- Click on the "Print Gate Pass" button as pointed out in the below picture.



3.5.RI Acknowledgement

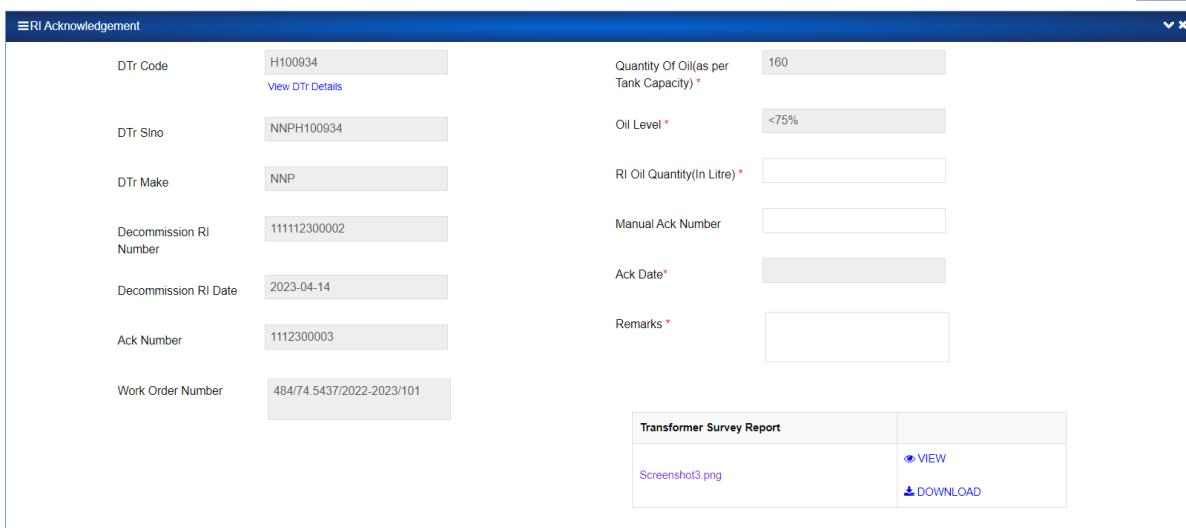
For the creation of return invoice acknowledgement, the User should follow the below steps:

Note: - This sub-module is only accessible by the store Officer.

For creating the RI acknowledgement user should follow the approval process, The Detailed process is explained in the approval section.

The following screen is displayed for creating the RI acknowledgement: -

RI Acknowledgement



Approval History

ACTIVITY	APPROVER	CREATED ON	COMMENTS
Failure Entry	SUBHOJIT		
Estimation	SUBHOJIT		
Estimation	AEE SUBDIV		
WorkOrder	AET DIVISION		
WorkOrder	AEEODO		



Submit

View Work Order

- All the mandatory details should be filled in by the user.
- Click on the "Submit" Button as pointed out in the above picture.
- "Saved Successfully" message is displayed confirming that the data is saved.
- A confirmation pop-up will be displayed, click on the "OK" button to close the Pop-up window.

The RI acknowledgement will be forwarded for the next approval to **the store Keeper**.

The details will be displayed in the approval inbox.

Ref: Approval Section (Approval Inbox) for approving the records.

3.6.Completion Report

For the creation of the completion report, the User should follow the below steps:

Note: - This sub-module is only accessible by the Section Officer.

For creating the completion report user should follow the approval process, The Detailed process is explained in the approval section.

The following screen is displayed for creating the completion report: -

CR Report

Transformer Centre Code	HAAAXN View Transformer Centre Details	RI Date	08/04/2023
Failure DTr Code	H000002 View DTr Details	Acceptance Date	08/04/2023
Replaced DTr Code	H600061 View DTr Details	Oil capacity(in Litre)	10
RI No	111112300001	CR Date *	
Work Order Date	08/04/2023	Remarks From Store keeper	1000
Commissioning Work Order NO	484/14 1777/2023-2024/1	Remarks from Store Officer	okk
DeCommissioning Work Order NO	484/74 5437/2023-2024/1	Commissioning Inventory Qty *	1
Ack No	1112300001	DeCommissioning Inventory Qty *	1
Ack Date	2023-04-08		

I certify that all the items that have been issued are used for this workorder.

Transformer Survey Report
[1677752087024.JPG](#) [VIEW](#) [DOWNLOAD](#)

Approval History

ACTIVITY	APPROVER	CREATED ON	COMMENTS
Failure Entry	SUBHOJIT		
Estimation	SUBHOJIT		
Estimation	AEE SUBDIV		
WorkOrder	AET DIVISION		
WorkOrder	STORE OFFICER		
WorkOrder	AODIV		
WorkOrder	EE DIV		
RI Approval	STORE OFFICER		
RI Approval	STORE KEEPER		

Comments for Approve/Reject

Comments *

 [Submit](#) [View RI](#)

- All the mandatory details should be filled in by the user.
- Click on the "Submit" Button as pointed out in the above picture.

- "Saved successfully" message is displayed confirming that the data is saved.
- A confirmation pop-up will be displayed, click on the "OK" button to close the Pop-up window.



The selected faulty transformers will be forwarded for the next approval as shown in the below flow:

The details will be displayed in the approval inbox.

Ref: Approval Section (Approval Inbox) for approving the records.

4. Procurement Flow

The procurement process flow is the skeletal framework that outlines how purchasing and procurement occur for the transformer. This module is used for procuring/purchasing the distribution transformer till it's in-warding into the store. The flow includes the purchase order, dispatch instructions, TC allotment, and Inward flows for the completion of the procurement of the transformer.

Following are the sub-modules to perform the above functionalities:

- Purchase Order
- Dispatch Instructions
- TC allotment
- Inward

4.1. Purchase Order

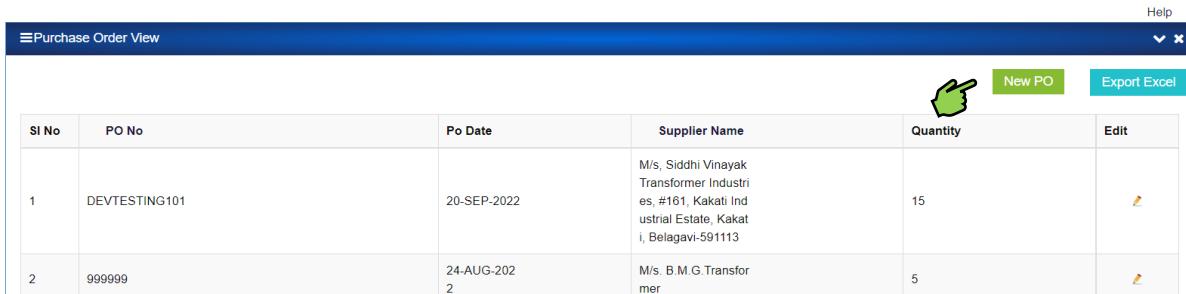
For creating a new purchaser order for the transformer, the User should follow the below steps:

Note: - This sub-module is only accessible by the procurement department.

- Login to the DTLMS web application with the username and password.
- Click on the "Masters" "module.
- Click on the "Purchase Order" "sub-module.

The following screen is displayed listing all the Purchase orders already fed.

Purchase Order View

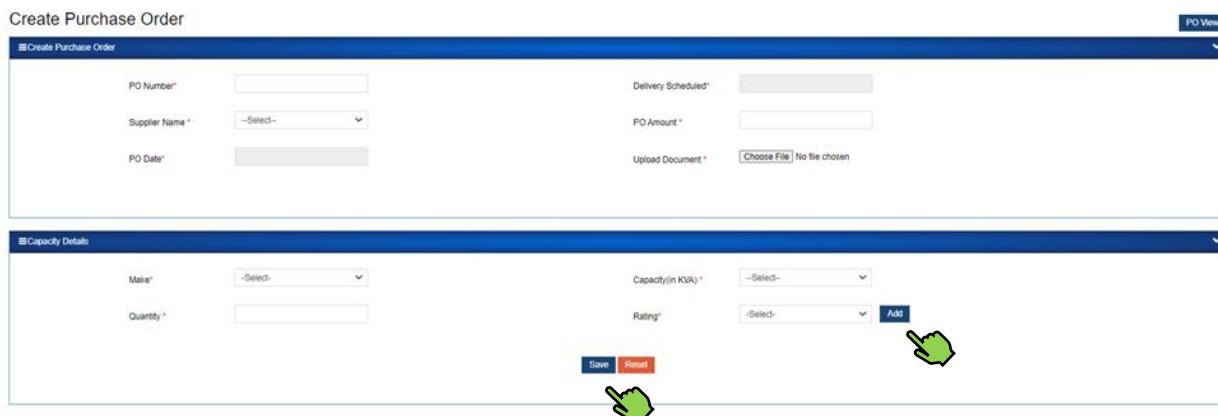


Purchase Order View					
SI No	PO No	Po Date	Supplier Name	Quantity	Edit
1	DEVTESTING101	20-SEP-2022	M/s. Siddhi Vinayak Transformer Industries, #161, Kakati Industrial Estate, Kakati, Belagavi-591113	15	
2	999999	24-AUG-2022	M/s. B.M.G Transformer	5	

- Click on the "New" button as pointed on the above picture.

The following screen is displayed for entering the details of the new purchase order

Create Purchase Order



PO Number:

Supplier Name: -Select-

PO Date:

Delivery Scheduled:

PO Amount:

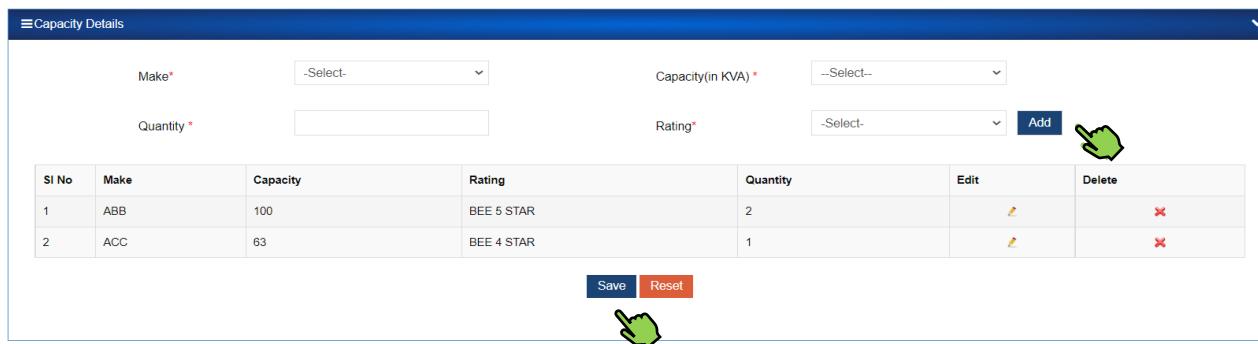
Upload Document: Choose File No file chosen

Capacity Details

Make*	Capacity(in KVA)*
-Select-	-Select-
Quantity*	Rating*
<input type="text"/>	<input type="text"/> -Select-
<input type="button" value="Save"/> <input type="button" value="Reset"/>	

- All the mandatory details should be filled in by the user.
- Click on the "ADD" Button as pointed out in the above picture.

Details entered are shown in the grid at the bottom of the screen as shown below:



SI No	Make	Capacity	Rating	Quantity	Edit	Delete
1	ABB	100	BEE 5 STAR	2		
2	ACC	63	BEE 4 STAR	1		

Save Reset

- All the details of the make, capacity and quantity entered are displayed on the grid and the user has a provision to delete, any wrong entry made by clicking on the "X" icon as pointed out in the below picture.
 - After ensuring the entries made are correct click on the "Save" button as pointed out in the above picture.
 - "Saved successfully" message is displayed confirming that the data is saved.
 - A confirmation pop-up will be displayed, click on the "OK" button to close the Pop-up window.
- Saved data is displayed. If any modifications are to be made to the already entered data, the same could be modified.

4.2.Dispatch Instructions

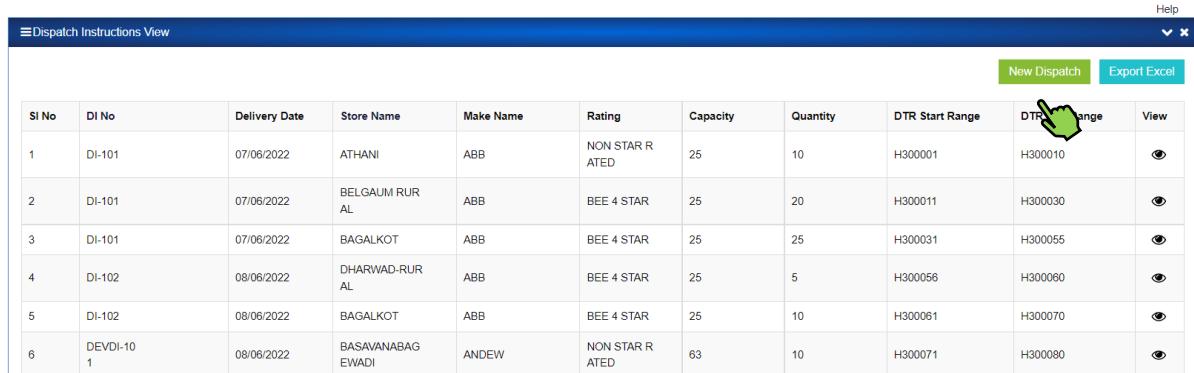
For creating new dispatch instructions against the purchase order, the User should follow the below steps:

Note: - This sub-module is only accessible by the procurement department.

- Click the "Dispatch Instructions" sub-module from the "Master" module.

The following screen is displayed to create Dispatch Instructions.

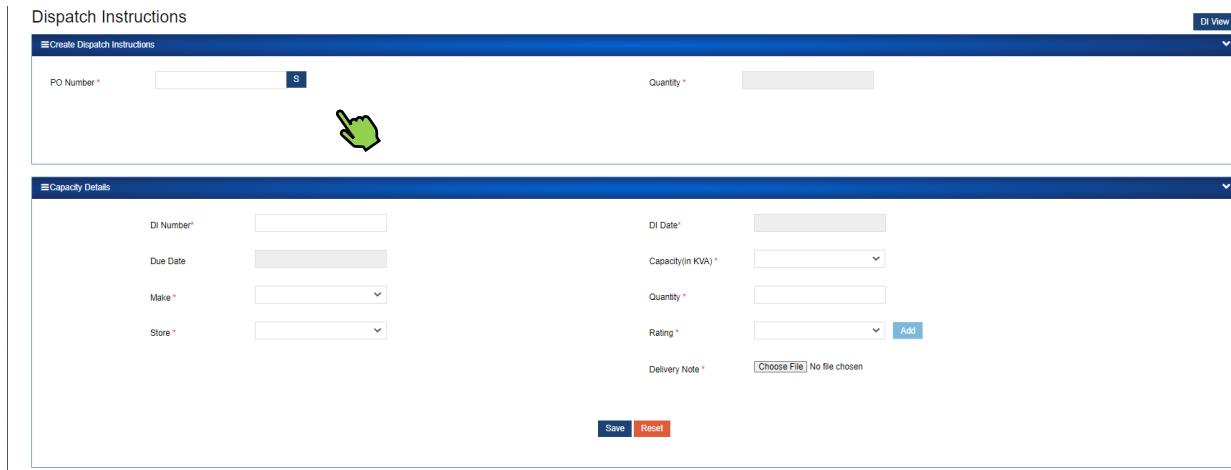
Dispatch Instructions View



SI No	DI No	Delivery Date	Store Name	Make Name	Rating	Capacity	Quantity	DTR Start Range	DTR End Range	View
1	DI-101	07/06/2022	ATHANI	ABB	NON STAR RATED	25	10	H300001	H300010	
2	DI-101	07/06/2022	BELGAUM RURAL	ABB	BEE 4 STAR	25	20	H300011	H300030	
3	DI-101	07/06/2022	BAGALKOT	ABB	BEE 4 STAR	25	25	H300031	H300055	
4	DI-102	08/06/2022	DHARWAD-RURAL	ABB	BEE 4 STAR	25	5	H300056	H300060	
5	DI-102	08/06/2022	BAGALKOT	ABB	BEE 4 STAR	25	10	H300061	H300070	
6	DEVDI-101	08/06/2022	BASAVANABAGEWADI	ANDEW	NON STAR RATED	63	10	H300071	H300080	

- Click on the "New" button as pointed on the above picture.

The following screen is displayed for entering the details of the new dispatch instruction.



Dispatch Instructions

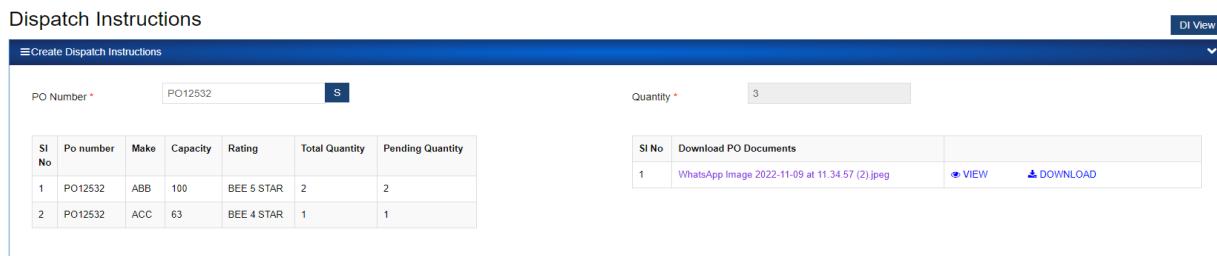
Create Dispatch Instructions

PO Number *	<input type="text" value="S"/>	Quantity *	<input type="text"/>
-------------	--------------------------------	------------	----------------------

Capacity Details

DI Number*	<input type="text"/>	DI Date*	<input type="text"/>
Due Date	<input type="text"/>	Capacity(in KVA)*	<input type="text"/>
Make *	<input type="text"/>	Quantity *	<input type="text"/>
Store *	<input type="text"/>	Rating *	<input type="text"/> Add
Delivery Note * <input type="file"/> Choose File No file chosen			
<input type="button" value="Save"/> <input type="button" value="Reset"/>			

- Search the PO number as pointed on the above picture.
- Details of the selected Purchase order will be displayed as shown in the below picture.



Dispatch Instructions

Create Dispatch Instructions

PO Number *	<input type="text" value="PO12532"/>	S	Quantity *	<input type="text" value="3"/>
-------------	--------------------------------------	---	------------	--------------------------------

SI No	Po number	Make	Capacity	Rating	Total Quantity	Pending Quantity
1	PO12532	ABB	100	BEE 5 STAR	2	2
2	PO12532	ACC	63	BEE 4 STAR	1	1

SI No	Download PO Documents	VIEW	DOWNLOAD
1	WhatsApp Image 2022-11-09 at 11.34.57 (2).jpeg		

- All the mandatory details should be filled in by the user.
- Click on the "ADD" Button as pointed out in the below picture.
- Click on the "OK" button to save the dispatch instructions.

An upload option of the delivery note is provided which can be later downloaded and viewed.

Details entered are shown in the grid at the bottom of the screen as shown below:

Capacity Details

DI Number*	DI12653	DI Date*	
Due Date		Capacity(in KVA) *	-Select-
Make *	-Select-	Quantity *	
Store *	-Select-	Rating *	-Select-
<input type="button" value="Choose File"/> WhatsApp i... 4.57 (1).jpeg			
<input type="button" value="Add"/> 			
<input type="button" value="Save"/> <input type="button" value="Reset"/>			

SI No	DI number	Store	Make	Capacity	Rating	Quantity	Starting Range	Ending Range	Edit	Delete
1	DI12653	HUBLI-URBAN	ABB	100	BEE 5 STAR	2	400167	400168		
2	DI12653	HUBLI-RURAL	ACC	63	BEE 4 STAR	1	400169	400169		

- All the details of the make, capacity, quantity, store name, Rating, Starting Range and Ending Range entered are displayed on the grid and the user have a provision to delete if any wrong entry by clicking on the "X" icon as pointed on the above picture.
- After ensuring the entries made are correct click on the "Save" button as pointed out in the above picture.

4.3.TC allotment

For creating a new TC allotment against the purchase order, the User should follow the below steps:

Note: - This sub-module is only accessible by the procurement department.

- Click the "TC allotment" sub-module from the "Master" module.

The following screen is displayed to create TC allotment.

Allotment View

SI No	Dispatch No	Make	Store Name	Capacity	Rating	Start Range	End Range	Action
1	DI-101	ABB	ATHANI	25	NON STAR RATED	H300001	H300010	View
2	DI-101	ABB	BELGAUM RURAL	25	BEE 4 STAR	H300011	H300030	View
3	DI-101	ABB	BAGALKOT	25	BEE 4 STAR	H300031	H300055	View
4	DI-102	ABB	DHARWAD-RURAL	25	BEE 4 STAR	H300056	H300060	View
5	DI-102	ABB	BAGALKOT	25	BEE 4 STAR	H300061	H300070	View
<input type="text" value="Enter DI Number"/> <input type="button" value="Q"/>								
1 2 3 4 5 6 7 8 9 10 ...								

[New Allotment](#) 

- Click on the "New" button as pointed on the above picture.

The following screen is displayed for entering the details of the new TC allotment.

Tc Allocation

Allotment View

Create Tc Allotment	
DI Number*	<input type="text"/> 
Quantity *	
Upload Document *	<input type="button" value="Choose File"/> No file chosen
<input type="button" value="Upload"/>	
<input type="button" value="Save"/> <input type="button" value="Reset"/>	

- Search DI number as pointed out in the above picture.
- Details of the selected dispatch instruction will be displayed as shown in the below picture.

Tc Allocation

Allotment View

Create Tc Allotment

DI Number*	DI1632	S	Quantity *	5						
Select	SI No	Dispatch No	Make	Store Name	Capacity	Rating	Total Quantity	START_RANGE	END_RANGE	
<input type="radio"/>	1	DI1632	ABB	HUBLI-URBAN	160	BEE 4 STAR	1	H400132	H400132	▲ DOWNLOAD
<input type="radio"/>	2	DI1632	ACC	BAGALKOT	100	BEE 4 STAR	2	H400133	H400134	▲ DOWNLOAD

SI No	Download Delivery Documents
1	crpPrint (13).pdf

Upload Document * No file chosen [Choose File](#) [Upload](#)

[VIEW](#) [▲ DOWNLOAD](#)

[Save](#) [Reset](#)




- Click on download as pointed out in the above picture to enter the details of the transformer.
- Enter all the details information of the transformer on the downloaded Excel sheet.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
DL_Id	DTR_Code	DL_PONO	DI_No	Make_Id	Make_Name	Store_Name	Capacity	Star_Rate	SI_No	Manufacture	Life_Span	Warrenty_Per	Oil_Type	Tc_Oil_Capac	Tc_Weight
1	226	H400132	PO1632	DI1632	98	ABB	HUBLI-URBAN	160	BEE 4 STAR						
2															
3															
4															

- Click on the radio button for the same capacity that the user has entered the details.
- Upload the same file.
- Click on the Upload button.
- Click on the save button as pointed out in the below picture.

Tc Allocation

Allotment View

Create Tc Allotment

DI Number*	DI1632	S	Quantity *	5						
Select	SI No	Dispatch No	Make	Store Name	Capacity	Rating	Total Quantity	START_RANGE	END_RANGE	
<input checked="" type="radio"/>	1	DI1632	ABB	HUBLI-URBAN	160	BEE 4 STAR	1	H400132	H400132	▲ DOWNLOAD
<input type="radio"/>	2	DI1632	ACC	BAGALKOT	100	BEE 4 STAR	2	H400133	H400134	▲ DOWNLOAD

SI No	Download Delivery Documents
1	crpPrint (13).pdf

Upload Document * HUBLI-URB...21 PM.xlsx [Upload](#)

[VIEW](#) [▲ DOWNLOAD](#)

[Save](#) [Reset](#)



For other transformer allotment process, user should follow the same above steps.

4.4.Inward

For creating a new Inward against the TC allotment, the User should follow the below steps:

Note: - This sub-module is only accessible by the Store Keeper.

- Click the "New DTR Inward" sub-module from the "Master" module.

The following screen is displayed to Inward the transformer.

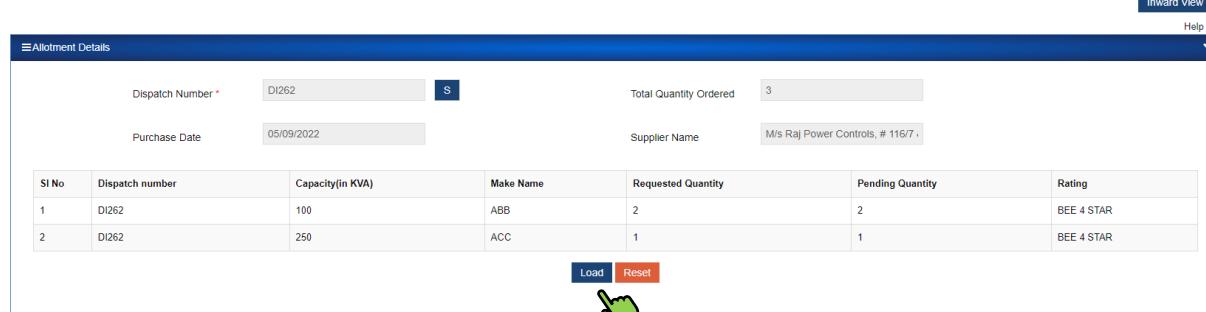
New DTR Inward



This screenshot shows the 'Allotment Details' section of the 'New DTR Inward' interface. It includes fields for Dispatch Number (DI262), Purchase Date (05/09/2022), Total Quantity Ordered (3), and Supplier Name (Mis Raj Power Controls, # 116/7). Below these fields are 'Load' and 'Reset' buttons. A green hand cursor is pointing at the 'Load' button.

- Search DI number as pointed out in the above picture
- Click on the Load button.

New DTR Inward

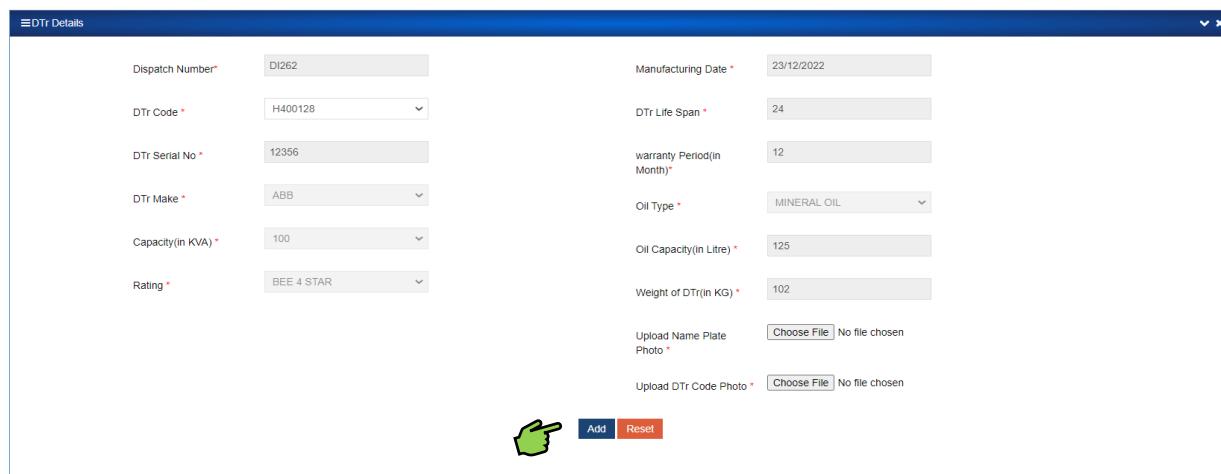


This screenshot shows the results of the search for Dispatch Number DI262. It displays a table with the following data:

SI No	Dispatch number	Capacity(in KVA)	Make Name	Requested Quantity	Pending Quantity	Rating
1	DI262	100	ABB	2	2	BEE 4 STAR
2	DI262	250	ACC	1	1	BEE 4 STAR

Below the table are 'Load' and 'Reset' buttons. A green hand cursor is pointing at the 'Load' button.

All the details will be displayed of the Dispatch Instruction as shown in the below picture



This screenshot shows the 'DTR Details' form. It includes fields for Dispatch Number (DI262), Manufacturing Date (23/12/2022), DTR Code (H400128), DTR Serial No (12356), DTR Make (ABB), Capacity(in KVA) (100), Rating (BEE 4 STAR), DTR Life Span (24), warranty Period(in Month) (12), Oil Type (MINERAL OIL), Oil Capacity(in Litre) (125), Weight of DTR(in KG) (102), Upload Name Plate Photo (No file chosen), and Upload DTR Code Photo (No file chosen). Below these fields are 'Add' and 'Reset' buttons. A green hand cursor is pointing at the 'Add' button.

- Select the DTR code, as per the DTR code the details will be auto-filled as shown in the below picture.
- Upload the Nameplate photo and Upload the DTR code photo.
- Click on the "Add" button. Details will be displayed on the screen as shown in the below



This screenshot shows a table with one row of transformer details:

SI No	DTR Code	DTR SNo	Make Name	Capacity	Manf. Date	Life Span	Action
1	H400125	HUJ	ABB	63	25/01/2022	24	

Below the table are 'Add' and 'Reset' buttons. A green hand cursor is pointing at the 'Save' button.

picture.

- Click on the "Save" button as pointed on the above screen.
- After saving transformer stock will get updated.

5. DTR Repairer Management

This module is used to send failed DTR to the Repairer / Supplier, check whether Repaired or not and Repaired DTR delivered to the Store. The flow includes the estimation of the transformer, work order, issues of the transformer, testing of the transformer and receiving the repaired transformer.

Following are the sub-modules to perform the above functionalities:

- Faulty DTR Search
- Pending to Test
- Pending to Receive
- Repair PO Details

5.1.Faulty DTR Search

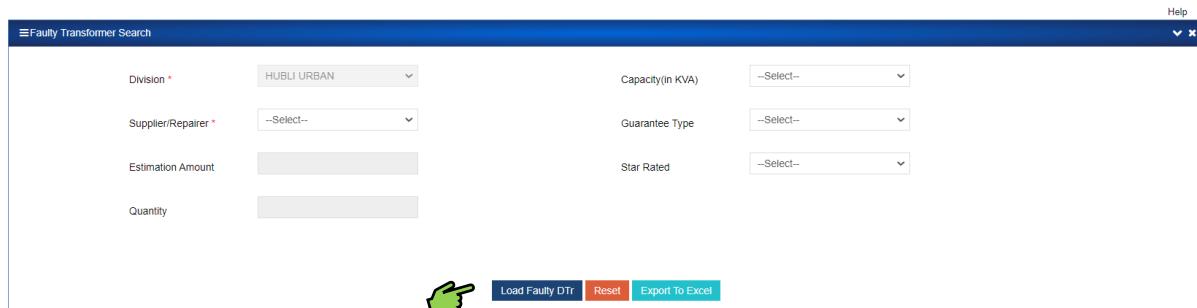
For Faulty DTR Search, the User should follow the below steps:

Note: - This sub-module is only accessible by the AET Division.

- Click on the "Faulty DTR Search "sub-module from the "DTR Repair Management" module.

The following screen is displayed for a faulty transformer search

Faulty Transformer Search



- All the mandatory details should be filled in by the user.

Proper reasons should be provided by the user on selecting the major repairer.

- Click on the Load button as pointed on the above picture.
- Click on the check box to add the transformer for sending to repair.

Faulty Transformer Search

Faulty Transformer Search

Division*	BAGALKOT	Capacity(in KVA)	--Select--
Supplier/Repairer*	M/S NGEF,BELAGAVI	Guarantee Type	--Select--
Estimation Amount		Star Rated	--Select--
Quantity		Remarks*	

SL NO	Select	DTr Code	DTr SIno	Make Name	Capacity(in KVA)	Star rate	Manf. Date	Repaired Count	Guarantee Type	Remarks	Reason	Status	Edit	View
1	<input type="checkbox"/>	H208371	NNPH208371	NNP	25	Non Star Rated	01-JAN-0001	0	AGP			ALREADY SENT		
2	<input type="checkbox"/>	H211071	NNPH211071	NNP	100	CONVENTIONAL		0	WRGP	Guarantee Type Changed From WGP to WRGP	Wanted to issue transformer to repairer.	ALREADY SENT		
3	<input type="checkbox"/>	H211311	NNPH211311	NNP	63	CONVENTIONAL		0	WGP	Guarantee Type Changed From WRGP to WGP	As the policies have amended	ALREADY SENT		

- The user should click on the edit button to change the Guarantee type details which will direct to the transformer details page as shown below.

Transformer Details

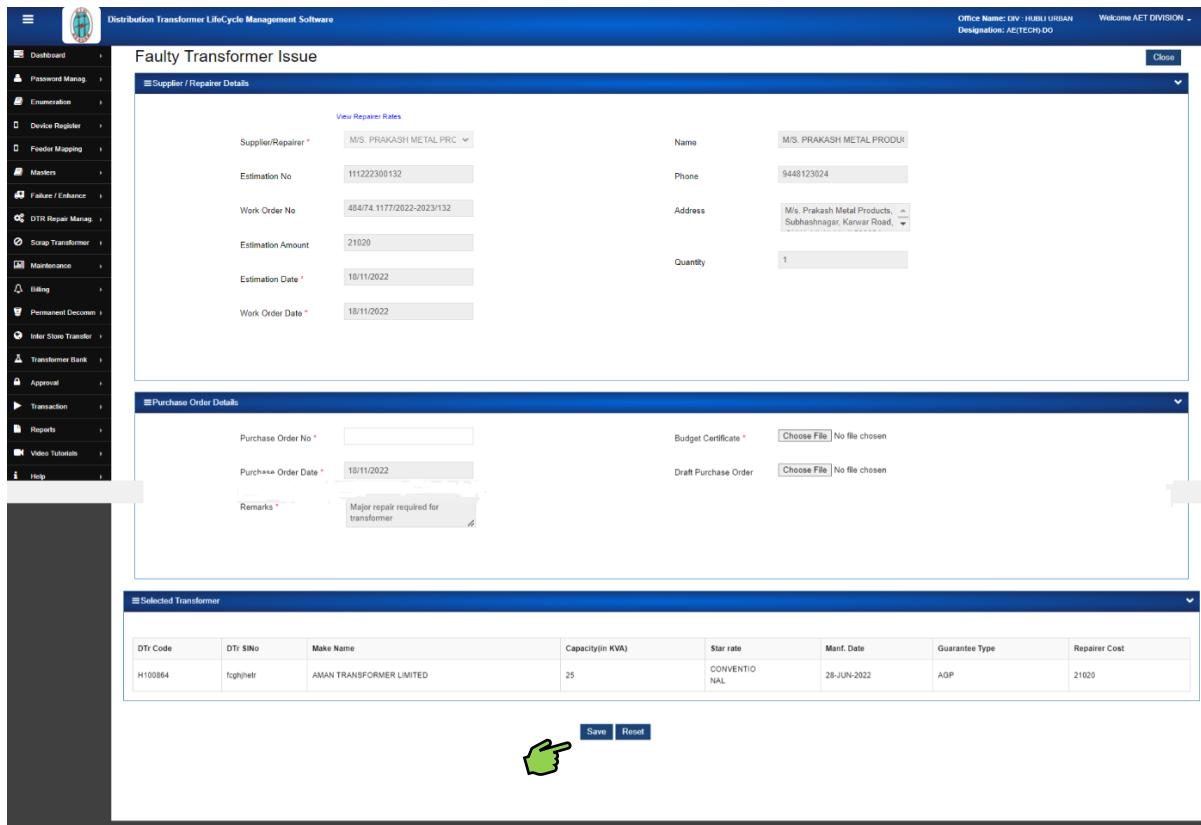
Transformer Details

DTr Code*	H211329	Manf Date*	23-NOV-2008
DTr SIno*	630906	Repaired Count*	0
Make Name*	HI POWER	Guarantee Type*	WGP
Capacity(in KVA)*	63	Remarks*	Guarantee Type Changed From AGP to WGP
Star Rate*	CONVENTIONAL	Reason*	

- In the transformer details page user can change his details as per his need.
- Click on the save button to save the details changes.
- After saving the details, the user should click on the close button to direct to the faulty transformer search page.
- Then user can find the selected transformer details in the below picture.

9	<input type="checkbox"/>	H211506	mpc/63/193	MACRO POWER C ONTROLS	63	BEE 3 STAR	26-APR-2016	0	AGP		PENDING																						
10	<input type="checkbox"/>	H211507	MPC/100/432	MACRO POWER C ONTROLS	100	Non Star Rated	01-MAY-2016	0	AGP		PENDING																						
<input type="button" value="Enter DTr Ck"/> <input type="button" value="Enter DTR SLNO"/> <input type="button" value="Search"/>																																	
<table border="1"> <tr> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> </tr> </table>														1	2	3	4	5															
1	2	3	4	5																													
<input type="button" value="Add DTr"/>																																	
<table border="1"> <tr> <th>DTr Code</th> <th>DTr SIno</th> <th>Make Name</th> <th>Capacity(in KVA)</th> <th>Star rate</th> <th>Guarantee Type</th> <th>Repairer Cost</th> <th>Remarks</th> <th>Reason</th> <th>Remove</th> </tr> <tr> <td>H211329</td> <td>630906</td> <td>HI POWER</td> <td>63</td> <td>CONVENTIONAL</td> <td>W/GP</td> <td>29987</td> <td>Guarantee Type Changed From AGP to WGP</td> <td>b</td> <td></td> </tr> </table>														DTr Code	DTr SIno	Make Name	Capacity(in KVA)	Star rate	Guarantee Type	Repairer Cost	Remarks	Reason	Remove	H211329	630906	HI POWER	63	CONVENTIONAL	W/GP	29987	Guarantee Type Changed From AGP to WGP	b	
DTr Code	DTr SIno	Make Name	Capacity(in KVA)	Star rate	Guarantee Type	Repairer Cost	Remarks	Reason	Remove																								
H211329	630906	HI POWER	63	CONVENTIONAL	W/GP	29987	Guarantee Type Changed From AGP to WGP	b																									
<input type="button" value="Send for Repair"/>																																	

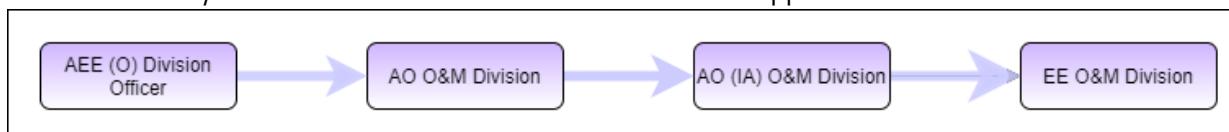
- Click on send for repair button to send the transformer to the repair centre as pointed out in the above picture.
- All the mandatory details should be filled in by the user.



The screenshot shows the 'Faulty Transformer Issue' module of the software. It has a left sidebar with various menu items like Dashboard, Password Manage, Enumeration, Device Register, Feeder Mapping, Masters, Failure / Enhance, DTR Repair Manag, Scrap Transformer, Maintenance, Billing, Permanent Document, Inter Store Transfer, Transformer Bank, Approval, Transaction, Reports, Video Tutorials, and Help. The main area has tabs for 'Supplier / Repairer Details', 'Purchase Order Details', and 'Selected Transformer'. Under 'Supplier / Repairer Details', fields include Supplier/Repairer (M/S. PRAKASH METAL PROD), Estimation No (111222300132), Work Order No (48474.1177/2022-2023/132), Estimation Amount (21020), Estimation Date (18/11/2022), and Work Order Date (18/11/2022). Under 'Purchase Order Details', fields include Purchase Order No (empty), Purchase Order Date (18/11/2022), Budget Certificate (Choose File), Draft Purchase Order (Choose File), and Remarks (Major repair required for transformer). Under 'Selected Transformer', there is a table with one row: DT Code (H100864), DT SNo (fcghjhehr), Make Name (AMAN TRANSFORMER LIMITED), Capacity(in KVA) (25), Star rate (CONVENTIONAL), Manf. Date (28-JUN-2022), Guarantee Type (AOP), and Repairer Cost (21020). At the bottom right of the form area is a green hand icon pointing towards the 'Save' and 'Reset' buttons.

- Click on the save button.
- The same should be approved.

The selected faulty transformers will be forwarded for the next approval as shown in the below flow:



The details will be displayed in the approval inbox.

Ref: Approval Section (Approval Inbox) for approving the records

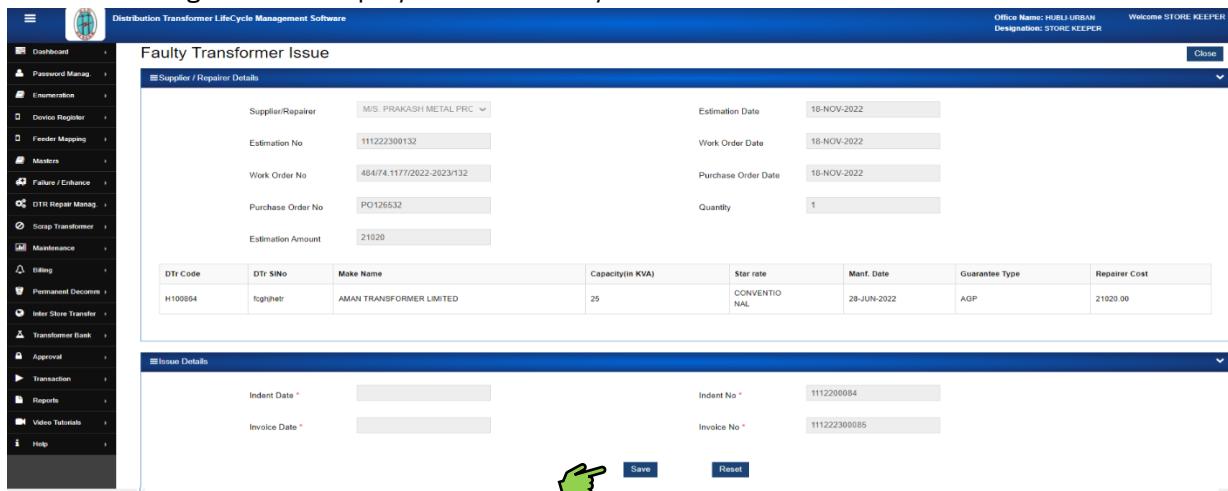
5.2.Invoice

For Invoicing the transformer, the User should follow the below steps:

Note: - This sub-module is only accessible by the Store Keeper

For creating the Invoice user should follow the approval process, The Detailed process is explained in the approval section.

The following screen is displayed for the faulty transformer Issue



Distribution Transformer LifeCycle Management Software

Faulty Transformer Issue

Supplier / Repairer Details

Supplier/Repairer	M/S. PRAKASH METAL PRC	Estimation Date	16-NOV-2022
Estimation No	111222300132	Work Order Date	16-NOV-2022
Work Order No	484/4.1177/2022-2023/132	Purchase Order Date	16-NOV-2022
Purchase Order No	PO126532	Quantity	1
Estimation Amount	21020		

DTr Code DTr SIno Make Name Capacity(in KVA) Star rate Manf. Date Guarantee Type Repairer Cost

H100854	fghjklh	AMAN TRANSFORMER LIMITED	25	CONVENTIONAL	28-JUN-2022	AGP	21020.00
---------	---------	--------------------------	----	--------------	-------------	-----	----------

Issue Details

Indent Date *	111222300084
Invoice Date *	111222300085

Save **Reset**

- All the mandatory details should be filled in by the user.
- Click on the Save button as pointed out on the above screen



Vehicle No *

Recipient Name *

Challen Number *

Print GatePass

- A gate pass needs to be created for the issuing of the transformer.
- All the mandatory details should be filled in by the user.
- Click "Print Gate Pass" to print the Gate pass.

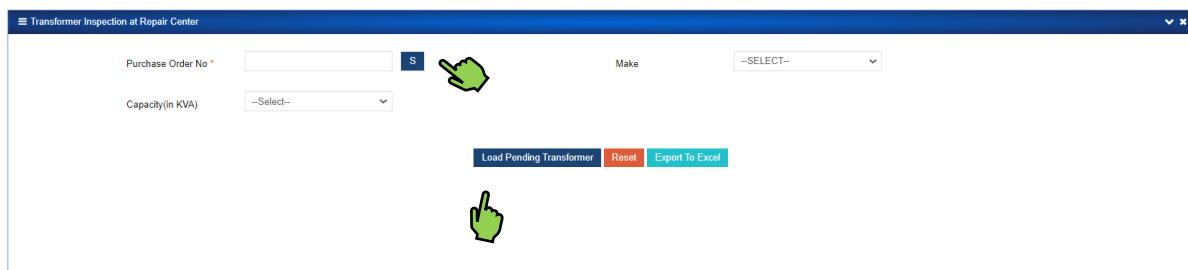
5.3.Pending to Test

For testing the repaired transformer, the User should follow the below steps:

Note: - This sub-module is only accessible by the MT

- Search Repair PO number as pointed out in the below picture.

Transformer Inspection at Repair Center



Purchase Order No *

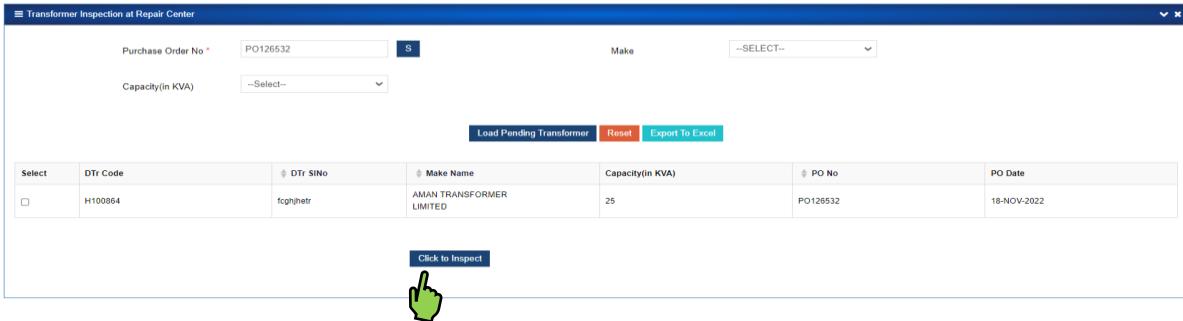
Capacity(in KVA)

Load Pending Transformer **Reset** **Export To Excel**

- Click on the "Load Pending Transformer "button.

- Details of the selected Purchase order will be displayed as shown in the below picture.

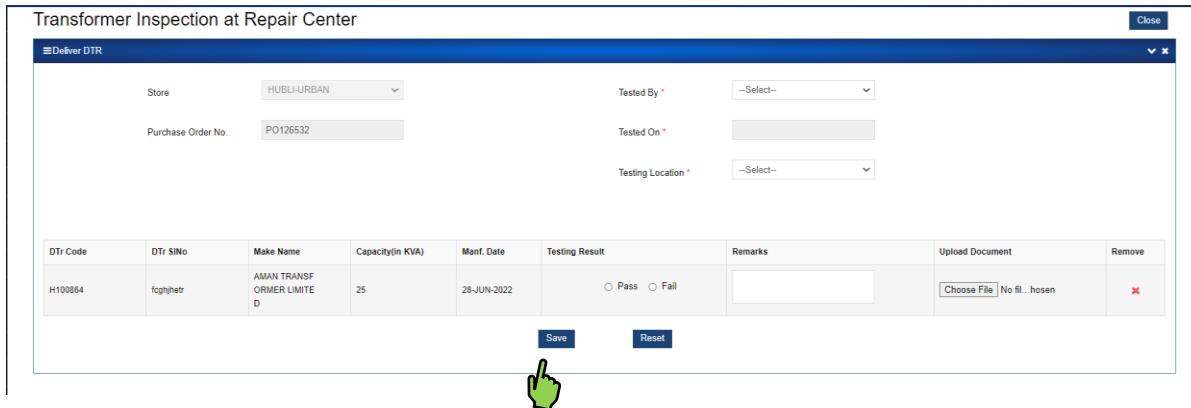
Transformer Inspection at Repair Center



The screenshot shows a software interface titled "Transformer Inspection at Repair Center". It has fields for "Purchase Order No." (set to PO126532), "Capacity(in KVA)" (set to -Select-), and dropdowns for "Make" and "Supplier". Below these are buttons for "Load Pending Transformer", "Reset", and "Export To Excel". A table displays transformer details: DTr Code H100864, DTr SINO fcghjehr, Make Name AMAN TRANSFORMER LIMITED, Capacity(in KVA) 25, PO No. PO126532, and PO Date 18-NOV-2022. At the bottom is a blue "Click to Inspect" button, which is highlighted with a green hand cursor.

- Select the transformer for testing
- Click on the "Click to Inspect" button.

Details of the selected transformer details displayed on the screen as shown in the below picture



The screenshot shows a software interface titled "Deliver DTR". It has fields for "Store" (set to HUBLI-URBAN), "Purchase Order No." (set to PO126532), and dropdowns for "Tested By", "Tested On", and "Testing Location". A table lists transformer details: DTr Code H100864, DTr SINO fcghjehr, Make Name AMAN TRANSFORMER LIMITED, Capacity(in KVA) 25, Manf. Date 28-JUN-2022, Testing Result (radio buttons for Pass and Fail are visible), Remarks (empty text field), Upload Document (button labeled "Choose File" with placeholder "No fil...hosen"), and Remove (red X button). At the bottom are "Save" and "Reset" buttons, with the "Save" button highlighted by a green hand cursor.

- All the mandatory details should be filled in by the user.
- Select the test result, remark and upload supporting documents.
- Click on the "Save" button.

5.4. Pending to Receive

For Invoicing the transformer, the User should follow the below steps:

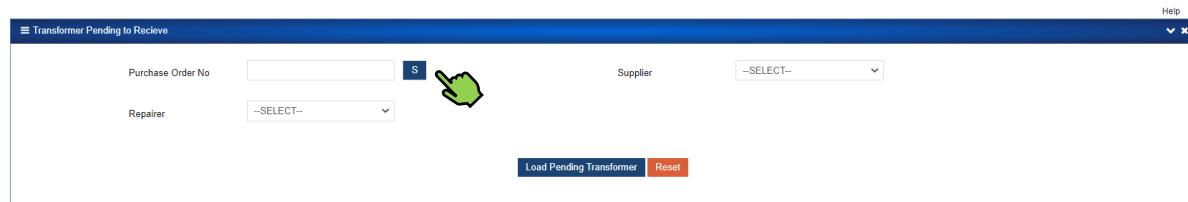
Note: - This sub-module is only accessible by the Store Keeper

- Click on the "Pending to Receive" sub-module from the "DTR Repair Management" module.

The following screen is displayed for receiving the repaired transformer.

- Search Repair PO number as pointed out in the below picture

Transformer Pending to Recieve



The screenshot shows a software interface titled "Transformer Pending to Recieve". It has fields for "Purchase Order No.", "Repairer" (set to -SELECT-), and dropdowns for "Supplier" and "Help". Below these are buttons for "Load Pending Transformer", "Reset", and "Help". A green hand cursor points to the "Load Pending Transformer" button.

- Click on the "Load Pending Transformer" button.

Transformer Pending to Recieve

Testing Pass Details							
Export Excel		PO Date	Supplier/Repairer	Total Quantity	Pending Qty for Recieve	Received Quantity	Receive
PO126532	18-NOV-22	M/S. PRAKASH METAL PRODUCTS, HUBBALLI	1	1	0		

- Click on the edit symbol as pointed in the above picture.

Receive Transformers

Receive Pending Transformers									
STATUS	Select	DTr Code	DTr SINO	Make Name	Capacity(in KVA)	Manif. Date	GUARANTEEE TYPE	warranty Period (In Months)	Test Document
PASS	<input type="checkbox"/>	H100664	fghjhetr	AMAN TRANSFORMER LIMITED	25	28-JUN-2022	WRGP	18	

- All the mandatory details should be filled in by the user.
- Click on the "Receive" button.

Repaired good transformers have been updated on the stock.

5.5.Repair PO Details

This sub-module is used to view the details of the repair PO created by the user, User should follow the below steps to view the details:

Note: - This sub-module is accessible to all stakeholders of the DTR Repairer Management process.
The following screen is displayed for the faulty view of the details of the repair PO.

Repair Transformer Details						
Repair Transformer Details						
Purchase Order No.		1122	S	Load Pending Transformer	Reset	Export Excel
DTR Code	DTR SINO	Make Name	Capacity(in KVA)	Manufacture Date	Guarantee Type	Status
H100655	NNPH100655	NNP	100	01-JAN-0001		Repair Pending

- Select the PO No.
- Click on the "Load Pending Transformer" button.

Details of the repair PO will be displayed on the screen as shown in the above picture.

6. Scrap Flow

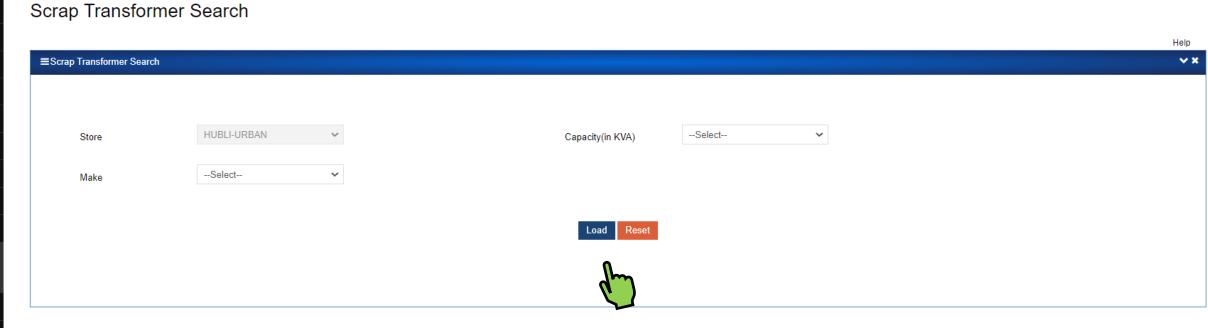
This module is used to declare a transformer as scraped, such a transformer cannot be repairable nor reusable in the field. For HESCOM to process this activity we certainly have given a dedicated feature as it follows:

For declaring scrap, the User should follow the below steps:

Note: - This module is only accessible by the Store Keeper.

- Click on the "Declare Scrap" sub-module "from Scrap Transformer" module.

The following screen is displayed for scraping the transformer.



Scrap Transformer Search

Scrap Transformer Search

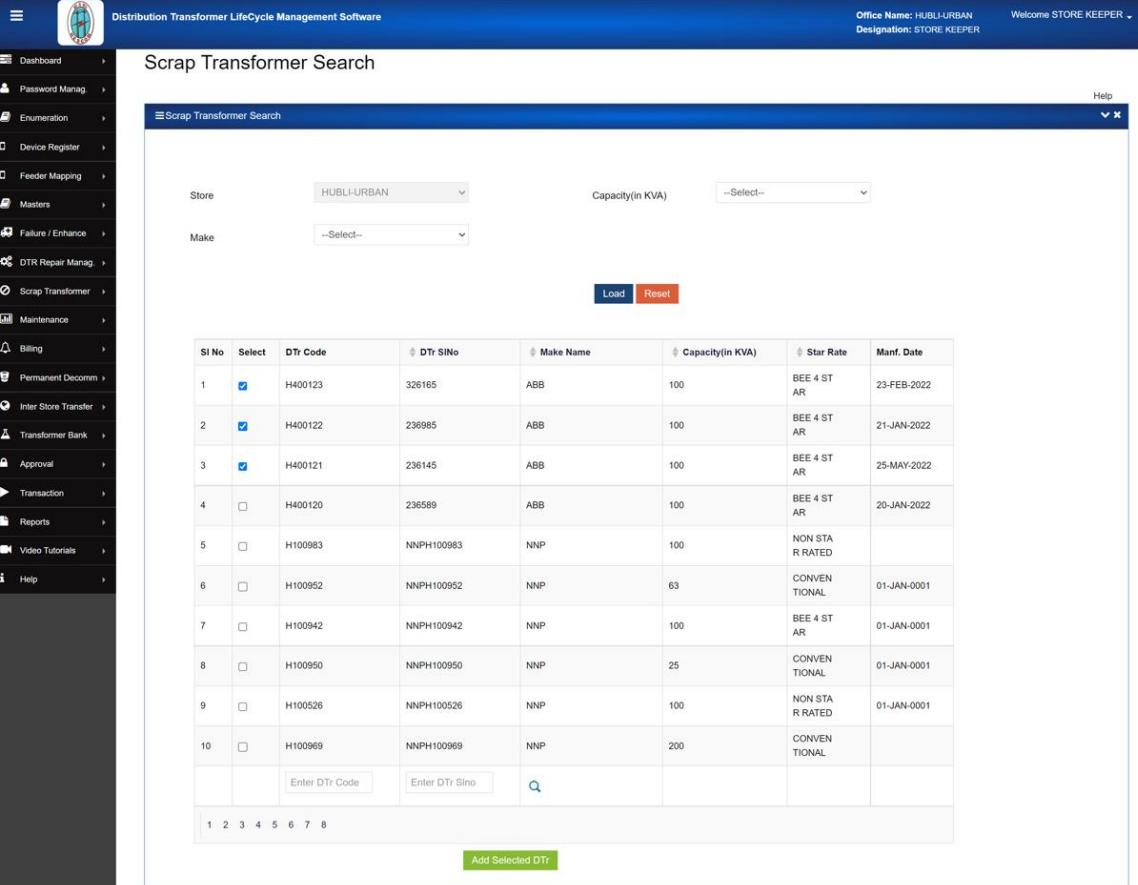
Store: HUBLI-URBAN Capacity(in KVA): --Select--

Make: --Select--

Load Reset

- Select the store name, Capacity and Make.
- Click on the load button.

Details of the transform will be displayed as shown in the below picture.



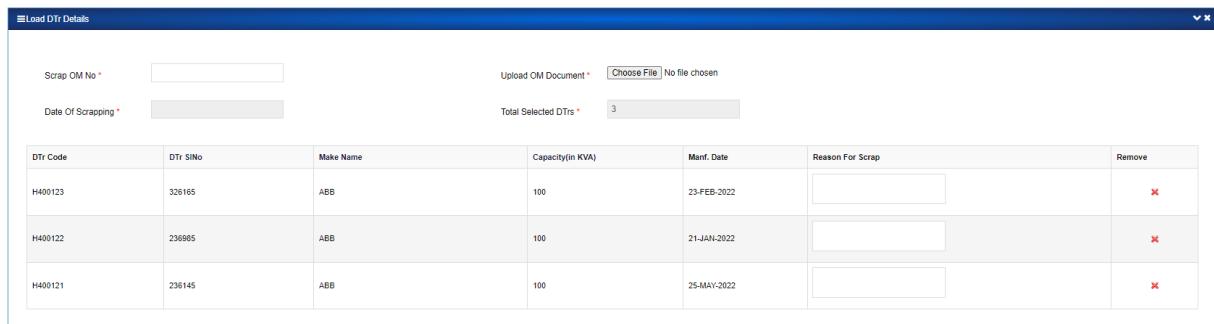
Scrap Transformer Search

Scrap Transformer Search

Office Name: HUBLI-URBAN Welcome STORE KEEPER ✓

SI No	Select	DTI Code	DTI SIno	Make Name	Capacity(in KVA)	Star Rate	Manf. Date
1	<input checked="" type="checkbox"/>	H400123	326165	ABB	100	BEE 4 ST AR	23-FEB-2022
2	<input checked="" type="checkbox"/>	H400122	236985	ABB	100	BEE 4 ST AR	21-JAN-2022
3	<input checked="" type="checkbox"/>	H400121	236145	ABB	100	BEE 4 ST AR	25-MAY-2022
4	<input type="checkbox"/>	H400120	236589	ABB	100	BEE 4 ST AR	20-JAN-2022
5	<input type="checkbox"/>	H100983	NNPH100983	NNP	100	NON STA R RATED	
6	<input type="checkbox"/>	H100952	NNPH100952	NNP	63	CONVENTIONAL	01-JAN-0001
7	<input type="checkbox"/>	H100942	NNPH100942	NNP	100	BEE 4 ST AR	01-JAN-0001
8	<input type="checkbox"/>	H100950	NNPH100950	NNP	25	CONVENTIONAL	01-JAN-0001
9	<input type="checkbox"/>	H100526	NNPH100526	NNP	100	NON STA R RATED	01-JAN-0001
10	<input type="checkbox"/>	H100969	NNPH100969	NNP	200	CONVENTIONAL	
		Enter DTI Code	Enter DTI SIno	<input type="text" value="Q"/>			
1 2 3 4 5 6 7 8							
<input type="button" value="Add Selected DTI"/>							

- Select the DTRS to be declared scrap.
- Click on the "Add Selected Dtr" button.



The screenshot shows a software interface titled 'Load DTr Details'. At the top, there are fields for 'Scrap OM No.' (with a placeholder 'Scrap OM No.'), 'Upload OM Document' (with a 'Choose File' button and a note 'No file chosen'), 'Date Of Scrapping' (with a placeholder 'Date Of Scrapping'), and 'Total Selected DTrs' (set to '3'). Below these are three rows of data in a table:

DTr Code	DTr SIno	Make Name	Capacity(in KVA)	Manf. Date	Reason For Scrap	Remove
H400123	326165	ABB	100	23-FEB-2022		
H400122	236985	ABB	100	21-JAN-2022		
H400121	236145	ABB	100	25-MAY-2022		

- All the mandatory details should be filled in by the user.
- Click on the "Declare Scrap" button.

After declaring transformers as scrap, it will be removed from the stock.

7. Inter Store Transfer

This module is used for the transfer of the DTr from one store to another store as requested by the store through the following submodules:

- Store Indent.
- Store Invoice.
- Receive Transformer

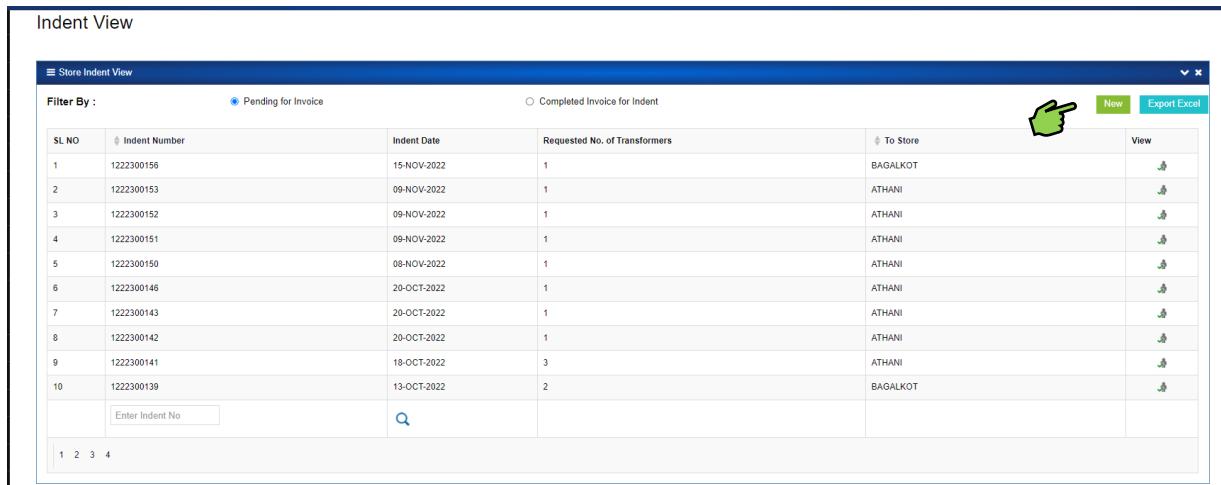
7.1.Store Indent

For the creation of the store indent (Requested / From Store), the User should follow the below steps:

Note: - This sub-module is only accessible by the Storekeeper.

- Click on the "Store Indent" sub-module from the "Inter Store Transfer" module.

The following screen is displayed for store Indent:



The screenshot shows a software interface titled 'Store Indent View'. At the top, there is a filter section with 'Filter By' dropdowns set to 'Pending for Invoice' and 'Completed Invoice for Indent'. To the right are 'New' and 'Export Excel' buttons. Below the filter is a table with columns: SL.NO, Indent Number, Indent Date, Requested No. of Transformers, To Store, and View. The table contains 10 entries. At the bottom left is a search bar with 'Enter Indent No.' and a magnifying glass icon. At the bottom center is a page navigation bar with numbers 1, 2, 3, 4.

SL.NO	Indent Number	Indent Date	Requested No. of Transformers	To Store	View
1	1222300156	15-NOV-2022	1	BAGALKOT	
2	1222300153	09-NOV-2022	1	ATHANI	
3	1222300152	09-NOV-2022	1	ATHANI	
4	1222300151	09-NOV-2022	1	ATHANI	
5	1222300150	09-NOV-2022	1	ATHANI	
6	1222300146	20-OCT-2022	1	ATHANI	
7	1222300143	20-OCT-2022	1	ATHANI	
8	1222300142	20-OCT-2022	1	ATHANI	
9	1222300141	19-OCT-2022	3	ATHANI	
10	1222300139	13-OCT-2022	2	BAGALKOT	

- Click on the "New" button as pointed on the above picture.
The following screen is displayed for store Indent (Requesting for the transformer).

Store Indent

Capacity and Quantity

Capacity *	~Select~	Quantity*	<input type="text"/>	 Add
Capacity	63	Quantity	2	Delete 

Store Indent

Indent Number*	1222300172	To Store*	~Select~
Indent date*	<input type="text"/>	Description*	<input type="text"/>

 **Save** **Reset**

- Select the capacity of the requested transformer.
➤ Click on the "Add" button as pointed on the above picture.
➤ Click the cross symbol, if anything needs to change.
➤ All the mandatory details should be filled in by the user.
➤ Click on the "Save" button as pointed on the above picture.

The store indent will be forwarded for the next approval as shown in the below flow:



The details will be displayed in the approval inbox.

Ref: Approval Section (Approval Inbox) for approving the records

7.2.Store Invoice

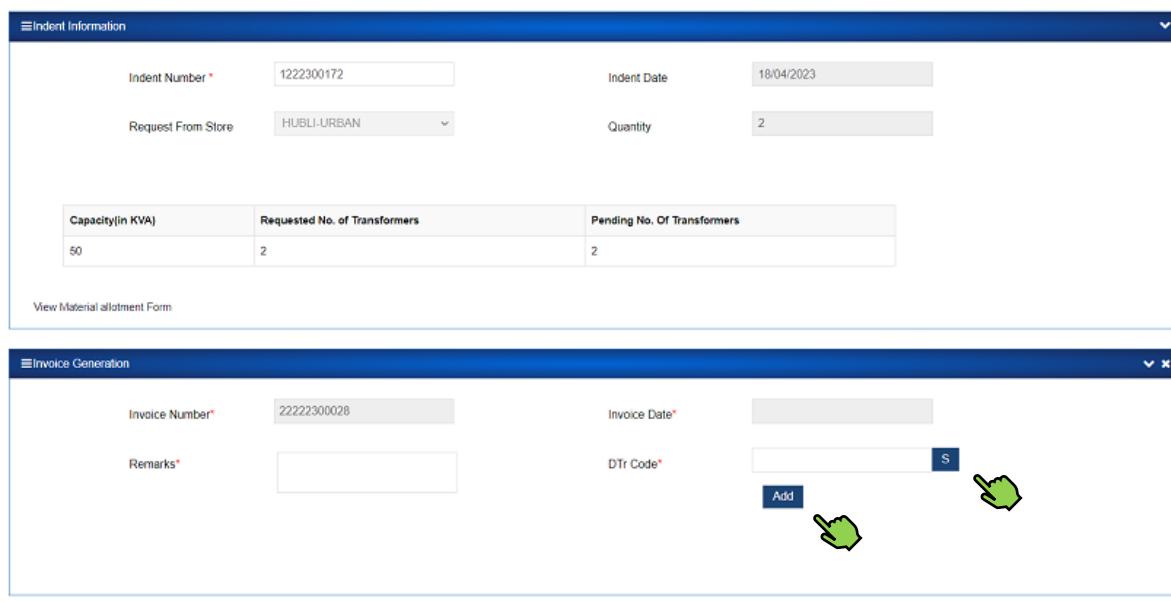
For the creation of a store Invoice (Issuing/To Store), User should follow the below steps:

Note: - This sub-module is only accessible by the Store Keeper.

For creating the store Invoice user should follow the approval process, The Detailed process is explained in the approval section.

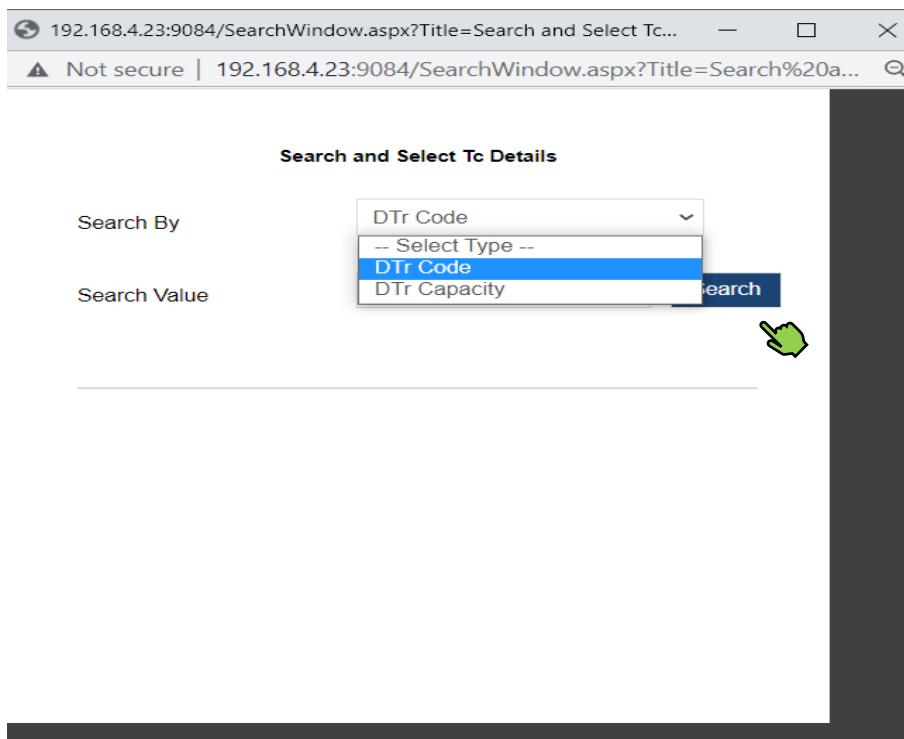
The following screen is displayed for creating the store Invoice: -

Store Invoice

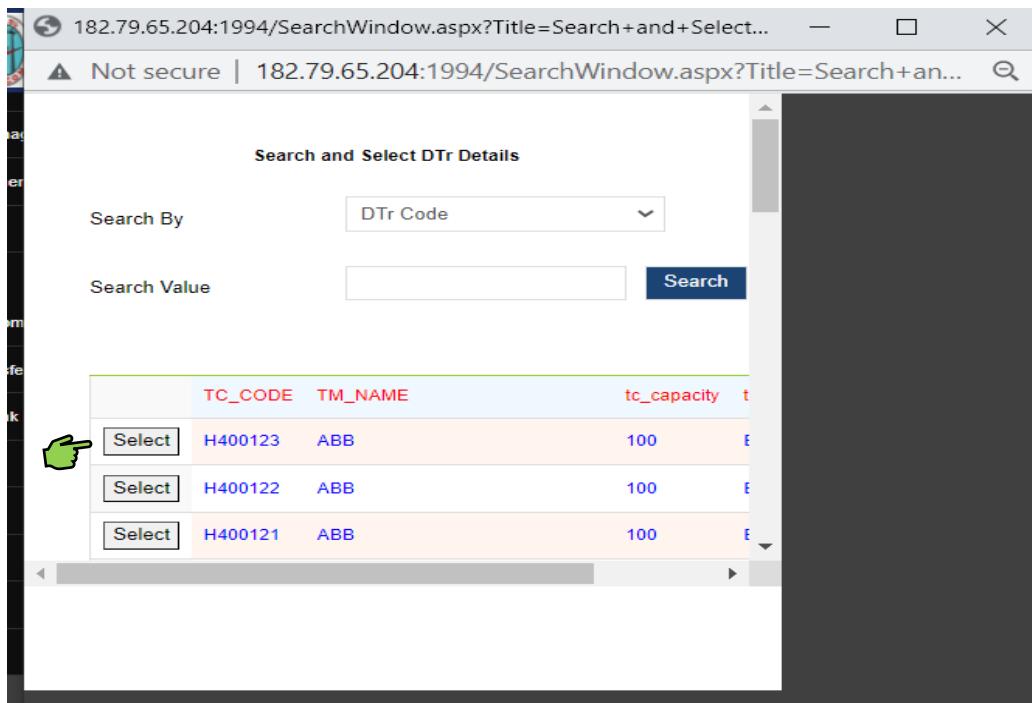


The screenshot shows two stacked windows. The top window is titled 'Indent Information' and contains fields for 'Indent Number' (1222300172), 'Indent Date' (18/04/2023), 'Request From Store' (HUBLI-URBAN), and 'Quantity' (2). Below these are tables for 'Capacity(in KVA)', 'Requested No. of Transformers', and 'Pending No. Of Transformers', all showing values of 50, 2, and 2 respectively. A link 'View Material allotment Form' is at the bottom. The bottom window is titled 'Invoice Generation' and has fields for 'Invoice Number' (22222300028), 'Invoice Date', 'Remarks', and 'DTr Code'. It includes an 'Add' button and a search icon with a magnifying glass. A green hand cursor points to the search icon.

- All the mandatory details should be filled in by the user.
- Search the DTR code by clicking on the search button as pointed out in the above picture.
- Select the search by option from the list as for the requirement.
- Click on the search button as pointed to the below picture.



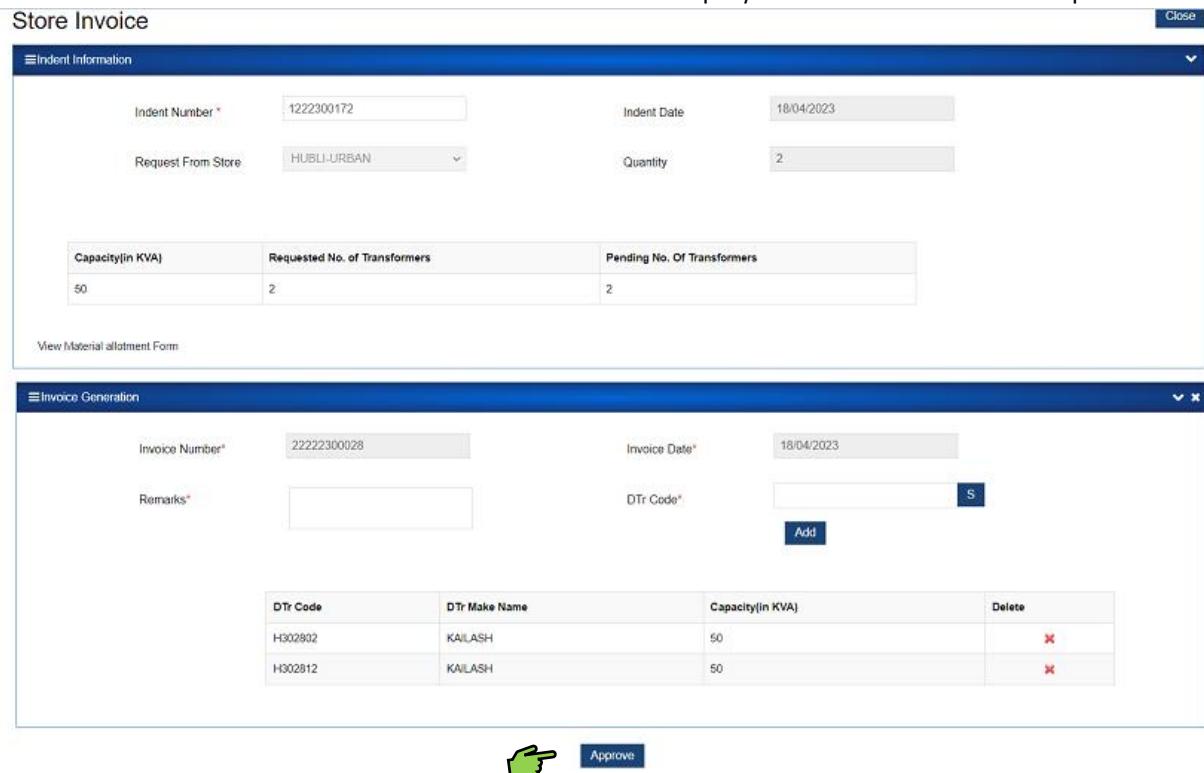
The screenshot shows a search interface titled 'Search and Select Tc Details'. It has a dropdown 'Search By' set to 'DTr Code' and a dropdown 'Search Value' containing options: '-- Select Type --', 'DTr Code', and 'DTr Capacity'. A 'Search' button is next to the dropdown. A green hand cursor points to the 'Search' button.



TC_CODE	TM_NAME	tc_capacity	t
H400123	ABB	100	E
H400122	ABB	100	E
H400121	ABB	100	E

- Click on the select button as shown in the above picture for invoice or issue the as pointed out in the above picture

Details of the select transformer will auto fetched and displayed as shown in the below picture:

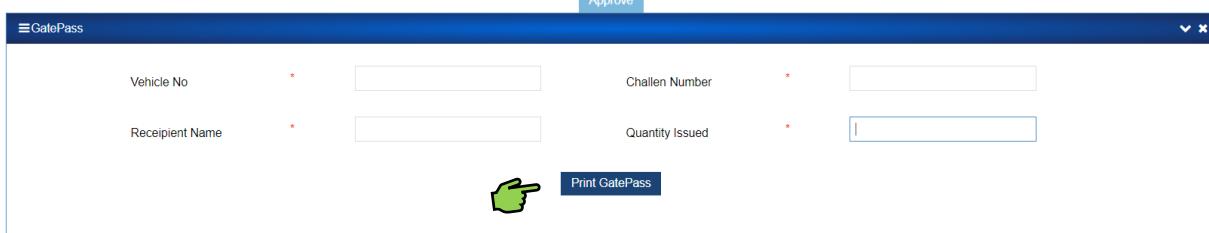


Capacity(in KVA)	Requested No. of Transformers	Pending No. Of Transformers
50	2	2

DTr Code	DTr Make Name	Capacity(in KVA)	Delete
H302902	KAILASH	50	X
H302812	KAILASH	50	X

- Click on the "Approve" button as pointed out in the above picture
- "Saved successfully" message is displayed confirming that the data is saved.
- A confirmation pop-up will be displayed, click on the "OK" button to close the Pop-up window.
- A gate pass needs to be created for the issuing of the transformer.
- All the mandatory details should be filled in by the user.

- Click “Print Gate Pass” for printing the Gate pass



The screenshot shows a software interface titled "GatePass". It contains four input fields with red asterisks indicating they are mandatory: "Vehicle No", "Challen Number", "Recipient Name", and "Quantity Issued". Below these fields is a green hand icon pointing to a blue button labeled "Print GatePass". At the top right of the window, there is a small "Approve" button.

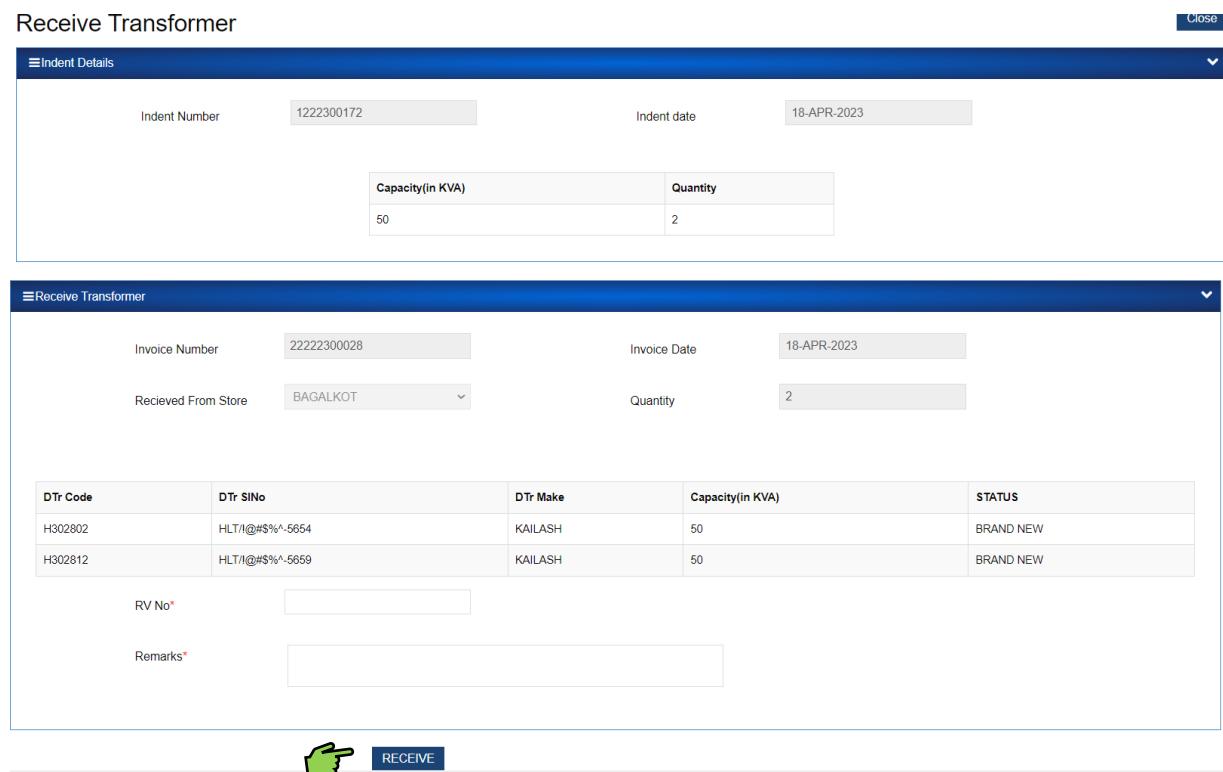
7.3.Receive Transformer

For the creation of RV of the receiving transformer, the User should follow the below steps:

Note: - This sub-module is only accessible by the Store Keeper. (Requested / From Store)

For creating the RV user should follow the approval process, The Detailed process is explained in the approval section.

The following screen is displayed for creating the receive transformer: -



The screenshot shows a software interface with two tabs: "Indent Details" and "Receive Transformer". The "Receive Transformer" tab is active. It contains several input fields: "Invoice Number" (22222300028), "Invoice Date" (18-APR-2023), "Received From Store" (BAGALKOT), and "Quantity" (2). Below these fields is a table with columns "DTraffic Code", "DTraffic SIno", "DTraffic Make", "Capacity(in KVA)", and "STATUS". Two rows are listed: H302802 (SIno: HLT!@#\$%^&*-5654, Make: KAILASH, Capacity: 50, Status: BRAND NEW) and H302812 (SIno: HLT!@#\$%^&*-5659, Make: KAILASH, Capacity: 50, Status: BRAND NEW). At the bottom, there are fields for "RV No*" and "Remarks*", both with green hand icons pointing to them. A blue "RECEIVE" button is located at the bottom right.

- All the mandatory details should be filled in by the user.
 - Click on the “RECEIVE” button as pointed on the above picture
 - Saved successfully” message is displayed confirming that the data is saved.
 - A confirmation pop-up will be displayed, click on the “OK” button to close the Pop-up window.
- After receiving the requested transformer, the stock will be updated.

8. PMC Procurement Flow

The procurement process flow is the skeletal framework that outlines how purchasing and procurement occur for the project transformer. This module is used for procuring/purchasing the distribution transformer till it's invoicing in to the field from the store. The flow includes the purchase order, dispatch instructions, TC allotment, Indent and Invoice flows for the completion of the procurement of the transformer.

Following are the sub-modules to perform the above functionalities:

- DWA Master
- LEC Master
- Purchase Order
- Dispatch Instructions
- TC allotment
- Indent
- Invoice

This procurement flow will be used by the project section (PMC). To identify the project the transformer will start from HP followed by the six-digit numerical number. (HP000001)

8.1.DWA Master

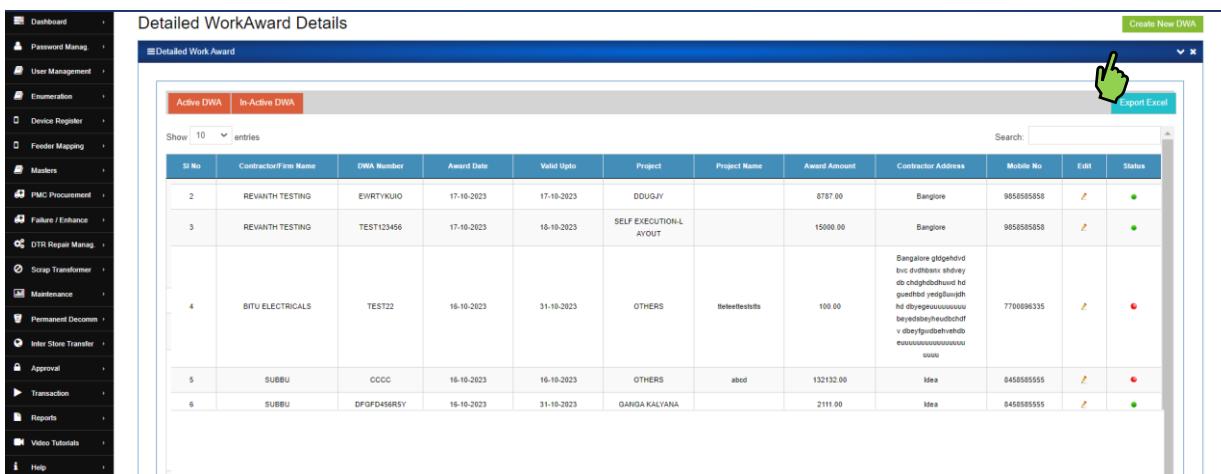
This module is used to record the DWA details.

Note: - This sub-module is only accessible by the PMC Section (AEE)

To provide the details User should follow the below steps:

- Click on the "DWA Master "sub-module from the "PMC Procurement" module.

The following screen is displayed for a DWA master



Sl No	Contractor/Firm Name	DWA Number	Award Date	Valid Upto	Project	Project Name	Award Amount	Contractor Address	Mobile No	Edit	Status
2	REVANTH TESTING	EIVRTYKUO	17-10-2023	17-10-2023	DDUGJY		8787.00	Banglore	9858585858		
3	REVANTH TESTING	TEST123456	17-10-2023	18-10-2023	SELF EXECUTION-L AYOUT		15000.00	Banglore	9858585858		
4	BITU ELECTRICALS	TEST22	16-10-2023	31-10-2023	OTHERS	telefestsits	100.00	Bangalore gopagidiv Bvt evthene sheway oh chgdbdhdunh hd quedhd yedplaswth hd dreygeuuuuuuuu beydshyehudchd v dbysjgudthvhedh esuccesuuuuuuuu ess	770089835		
5	SUBBU	CCCC	16-10-2023	16-10-2023	OTHERS	abid	132132.00	Idea	8456855555		
6	SUBBU	DFGFD456RSV	16-10-2023	31-10-2023	GANGA KALYANA		2111.00	Idea	8456855555		

- Click on the "New" button as pointed on the above picture.

The following screen is displayed for entering the details of the new DWA

Dashboard >

Password Manage >

User Management >

Enumeration >

Device Register >

Feeder Mapping >

Masters >

PMC Procurement >

Failure / Enhance >

DTR Repair Manag >

Scrap Transformer >

Maintenance >

Permanent Decon >

Inter Stns Transfer >

Approval >

Transaction >

Reports >

Video Tutorials >

Help >

Detailed Work Award Creation

[View DWA Details](#)

Detailed Work Award Creation

Choose Licensed Contractor*	<input type="button" value="Select"/>	DWA Number*	<input type="text"/>
Licence Number	<input type="text"/>	DWA Date*	<input type="text"/>
GST Number	<input type="text"/>	DWA Expire Date*	<input type="text"/>
Address	<input type="text"/>	Select Project *	<input type="button" value="Select"/>
Licence Reg Date	<input type="text"/>	Name of the Work *	<input type="text"/>
Licence Valid Up To	<input type="text"/>	DWA Amount *	<input type="text"/>
E-mail ID	<input type="text"/>	Document *	<input type="button" value="Choose File"/> No file chosen
Contact Number	<input type="text"/>		



- All the mandatory details should be filled in by the user.
 - After ensuring the entries made are correct click on the "Save" button as pointed out in the above picture.
 - A confirmation pop-up will be displayed, click on the "OK" button to close the Pop-up window.

Saved data is displayed.

If any modifications are to be made to the already entered data, the same could be modified by clicking on the edit button which will be present on the view page. Users can deactivate a DWA by clicking on the action button present over the view page and users can activate the deactivated DWA by clicking on the same action button present over the view page. The red colour indicates that the DWA is deactivate stage and the Green colour indicates that the DWA is in the active stage

8.2. LEC Master

This module is used to record the LEC details.

Note: - This sub-module is only accessible by the PMC Section (AEE)

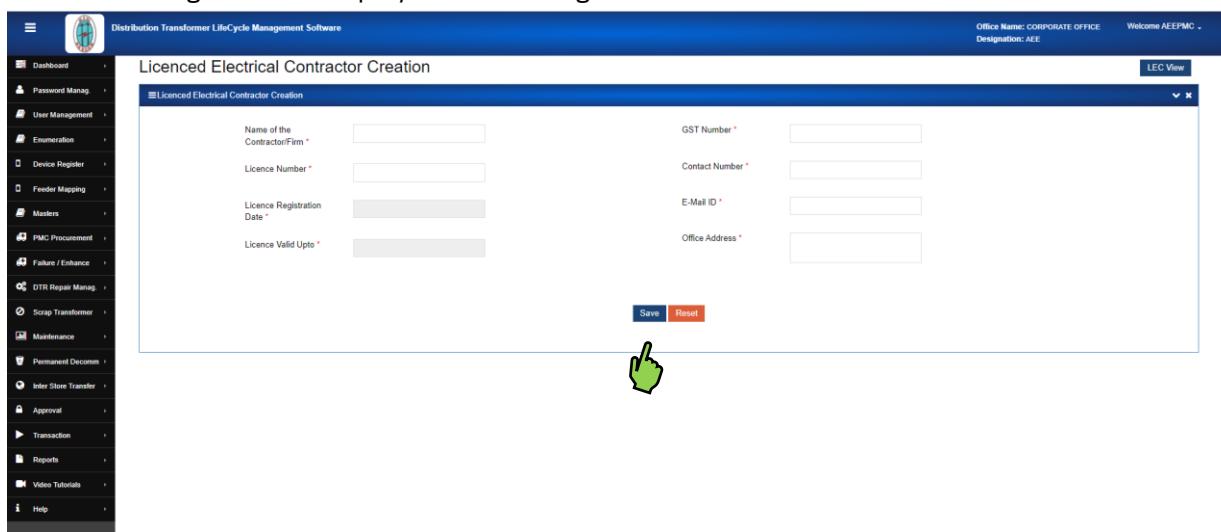
To provide the details User should follow the below steps:

- Click on the "LEC Master "sub-module from the "PMC Procurement" module.

The following screen is displayed for an LEC master

- Click on the "New" button as pointed on the above picture.

The following screen is displayed for entering the details of the new LEC



- All the mandatory details should be filled in by the user.
➤ After ensuring the entries made are correct click on the "Save" button as pointed out in the above picture.
➤ A confirmation pop-up will be displayed, click on the "OK" button to close the Pop-up window.

Saved data is displayed.

If any modifications are to be made to the already entered data, the same could be modified by clicking on the edit button which is present on the view page. Users can deactivate a LEC by clicking on the action button present over the view page and users can activate the deactivated LEC by clicking on the same action button present over the view page. The red colour indicates that the LEC is deactivate stage and the Green colour indicates that the DWA is in the active stage.

8.3.Purcahse Order

For creating a new purchaser order for the project transformer, the User should follow the below steps:

Note: - This sub-module is only accessible by the PMC Section (AEE).

- Login to the DTLMS web application with the valid username and password.
➤ Click on the "PMC Procurement "module.
➤ Click on the "Purchase Order "sub-module.

The following screen is displayed listing all the Purchase orders already fed into the system.

Purchase Order View

SI No	DWA No	DWA Date	DWA Expiry Date	DWA Amount	PO No	PO Date	PO Amount	Supplier Name	Quantity	Edit
1	LOK155	04/10/2023	31/10/2023	121.00	RTT	05/10/2023	0.00	M/S CLASIS C TECHNOLOGIES PVT LTD	1	
2	DWA2	01/10/2023	31/10/2023	10000.00	REVANTH1	05/10/2023	1000.00	M/S AMAR INDUSTRIES	10	
3	DWA3	04/10/2023	31/10/2023	121.00	RTT	05/10/2023	0.00	M/S CLASIS C TECHNOLOGIES PVT LTD	1	
4	DWA4	01/10/2023	31/10/2023	10000.00	SOUBUU	19/10/2023	100.00	M/S DEEPA ELECTRICALS	13	
5	DWA6	01/10/2023	31/10/2023	10000.00	LTD	01/10/2023	1000.00	KERALA ELECTRICAL & ENGINEERING CO. LTD	20	
6	1	04/10/2023	31/10/2023	121.00	GEETA	04/10/2023	5000.00	M/S AMAR INDUSTRIES	10	
7	LOK155	17/10/2023	20/10/2023	25000.00	TESTLOK12345	18/10/2023	15000.00	M/S PRAJWAL ENGINEERS	35	
8	DWA1	01/10/2023	04/10/2023	50000.00	PO11	04/10/2023	100.00	M/S AMAR INDUSTRIES	1	

- Click on the "New" button as pointed on the above picture.

The following screen is displayed for entering the details of the new purchase order

Create Purchase Order

DWA Details			
DWA No *	-Select-	DWA Date	
Work Name		DWA Expiry Date	
DWA Amount		Available Amount	
LEC NO		LEC Name	
Purchase Order Details			
PO Number*		Delivery Scheduled*	
Supplier Name *	-Select-	PO Amount *	
PO Date*		Upload Document*	Choose File No file chosen

- Select the DWA as pointed in the above picture.

Based on the selection all the details will be auto fetched in there respective field.

- Select the supplier Name.
- All the mandatory details should be filled in by the user.
- Select the Make, Capacity ,rating etc.
- Click on the "ADD" Button as pointed out in the above picture.
- User can select multiple make and captiy for a single PO.

Details entered are shown in the grid at the bottom of the screen as shown below:

Capacity Details

Make*	-Select-	Capacity(in KVA)*	-Select-	Add																					
Quantity *		Rating*	-Select-																						
<table border="1"> <thead> <tr> <th>SI No</th> <th>Make</th> <th>Capacity</th> <th>Rating</th> <th>Quantity</th> <th>Edit</th> <th>Delete</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>ABB</td> <td>100</td> <td>BEE 5 STAR</td> <td>2</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>ACC</td> <td>63</td> <td>BEE 4 STAR</td> <td>1</td> <td></td> <td></td> </tr> </tbody> </table>					SI No	Make	Capacity	Rating	Quantity	Edit	Delete	1	ABB	100	BEE 5 STAR	2			2	ACC	63	BEE 4 STAR	1		
SI No	Make	Capacity	Rating	Quantity	Edit	Delete																			
1	ABB	100	BEE 5 STAR	2																					
2	ACC	63	BEE 4 STAR	1																					
<input type="button" value="Save"/> <input type="button" value="Reset"/>																									

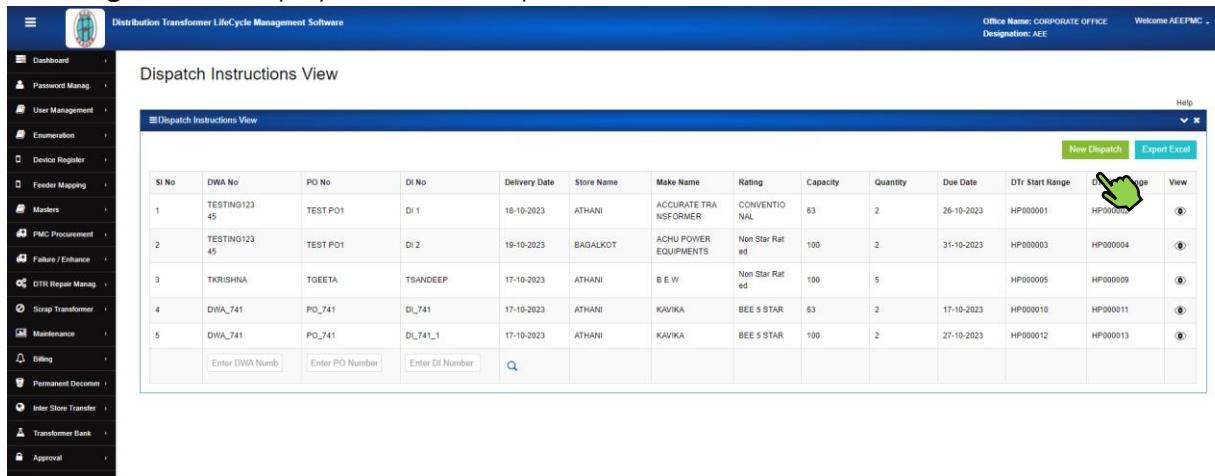
- "Saved successfully" message is displayed confirming that the data is saved.
 - A confirmation pop-up will be displayed, click on the "OK" button to close the Pop-up window.
- Saved data is displayed. If any modifications are to be made to the already entered data, the same could be modified by clicking on Edit button / view page.

8.4.Dispatch Instructions

For creating new dispatch instructions against the purchase order, the User should follow the below steps:

Note: - This sub-module is only accessible by the PMC department.

- Click the "Dispatch Instructions" sub-module from the "PMC Procurement" module.
- following screen is displayed to create Dispatch Instructions.

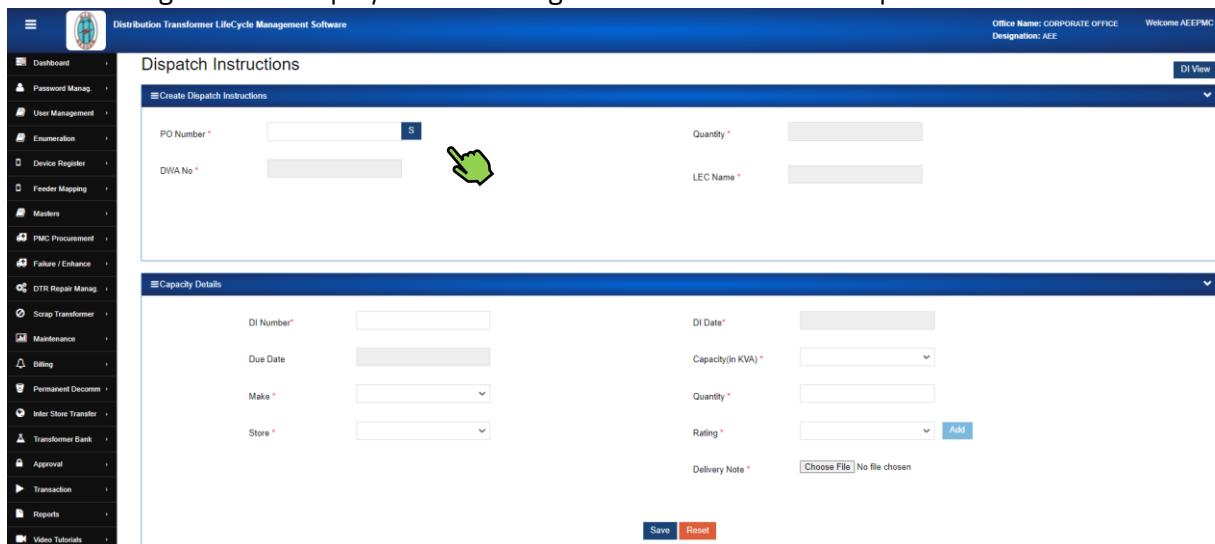


SI No	DWA No	PO No	DI No	Delivery Date	Store Name	Make Name	Rating	Capacity	Quantity	Due Date	DIr Start Range	Dlr Range	View
1	TESTING123 45	TEST PO1	DI 1	18-10-2023	ATHANI	ACCURATE TRANSFORMER	CONVENTIONAL	63	2	26-10-2023	HP000001	HP000001	
2	TESTING123 45	TEST PO1	DI 2	18-10-2023	BAGALKOT	ACHU POWER EQUIPMENTS	Non Star Rated	100	2	31-10-2023	HP000003	HP000004	
3	TKRISHNA	TGEEETA	TSANDEEP	17-10-2023	ATHANI	B E W	Non Star Rated	100	5		HP000005	HP000009	
4	DWA_741	PO_741	DI_741	17-10-2023	ATHANI	KAVIKA	BEE 5 STAR	63	2	17-10-2023	HP000010	HP000011	
5	DWA_741	PO_741	DI_741_1	17-10-2023	ATHANI	KAVIKA	BEE 5 STAR	100	2	27-10-2023	HP000012	HP000013	

Enter DWA Num Enter PO Number Enter DI Number

- Click on the "New Dispatch" button as pointed on the above picture.

The following screen is displayed for entering the details of the new dispatch instruction.



Create Dispatch Instructions

PO Number *	<input type="text"/>	Quantity *
DWA No *	<input type="text"/>	LEC Name *

Capacity Details

DI Number*	DI Date*
Due Date	Capacity(in KVA)*
Make *	Quantity *
Store *	Rating *
Delivery Note * <input type="file" value="Choose File"/> No file chosen	

- Search the PO number as pointed on the above picture.

The following screen is displayed for entering the details of the new dispatch instruction.

Dispatch Instructions

DI View

Create Dispatch Instructions

PO Number *	PO_741	Quantity *	4			
DWA No *	DWA_741	LEC Name *	ATUL ELECTRICAL			
SI No	Po number	Make	Capacity	Rating	Total Quantity	Pending Quantity
1	PO_741	KAVIKA	63	BEE 5 STAR	2	0
2	PO_741	KAVIKA	100	BEE 5 STAR	2	0

SI No	Download PO Documents
1	192.168.6.18_501_MMS_WorkOrder_POrderCreate (5).png

VIEW **DOWNLOAD**

- All the mandatory details should be filled in by the user.
- Click on the "ADD" Button as pointed out in the below picture.
- Dispatch instructions will be saved after clicking on OK button.

An upload option of the delivery note is provided which can be later downloaded and viewed.

Details entered are shown in the grid at the bottom of the screen as shown below:

Capacity Details

DI Number*	DI12653	DI Date*								
Due Date		Capacity(in KVA) *	-Select-							
Make *	-Select-	Quantity *								
Store *	-Select-	Rating *	-Select-							
<input type="button" value="Add"/> <input type="button" value="Choose File"/> WhatsApp i... 4.57 (1).jpeg										
SI No	DI number	Store	Make	Capacity	Rating	Quantity	Starting Range	Ending Range	Edit	Delete
1	DI12653	HUBLI-URBAN	ABB	100	BEE 5 STAR	2	400167	400168		
2	DI12653	HUBLI-RURAL	ACC	63	BEE 4 STAR	1	400169	400169		

Save **Reset**

- All the details of the transformer such as Make, Capacity, Quantity, store name, Rating, Starting Range and Ending Range entered are displayed on the grid and the user have a provision to delete if any wrong entry by clicking on the "X" icon as pointed on the above picture.
- After ensuring the entries made are correct click on the "Save" button as pointed out in the above picture.
- Saved successfully" message is displayed confirming that the data is saved.
- A confirmation pop-up will be displayed, click on the "OK" button to close the Pop-up window.

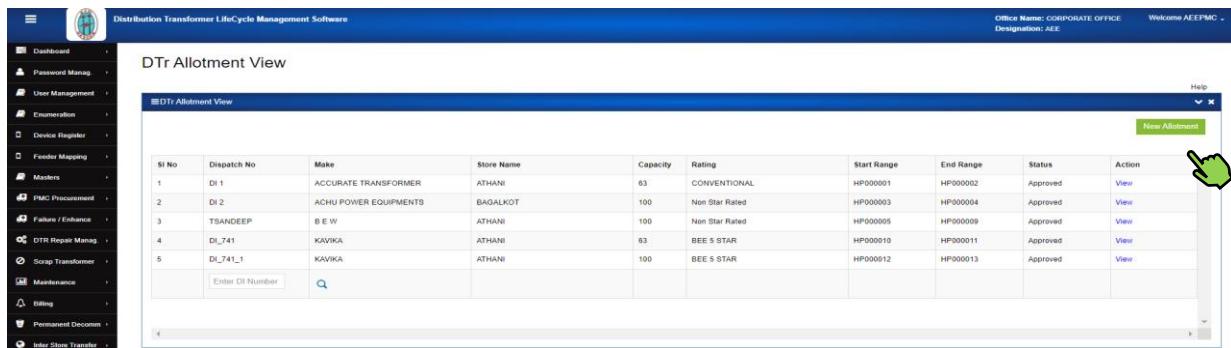
8.5.DTr Allotment

For creating a new DTr allotment against the purchase order, the User should follow the below steps:

Note: - This sub-module is only accessible by the PMC department.

- Click the "DTr allotment" sub-module from the "Procurement Flow" module.

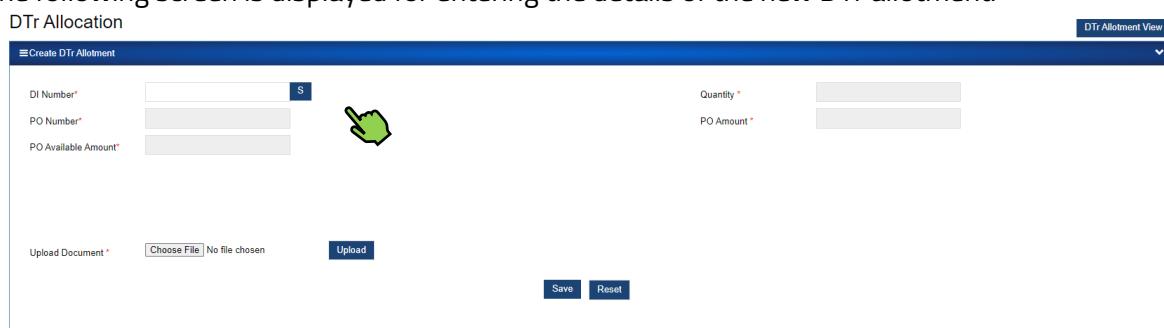
The following screen is displayed to create DTr allotment.



SI No	Dispatch No	Make	Store Name	Capacity	Rating	Start Range	End Range	Status	Action
1	DI 1	ACCURATE TRANSFORMER	ATHANI	63	CONVENTIONAL	HP000001	HP000002	Approved	View
2	DI 2	ACHU POWER EQUIPMENTS	BAGALKOT	100	Non Star Rated	HP000003	HP000004	Approved	View
3	TSANDEEP	B E W	ATHANI	100	Non Star Rated	HP000005	HP000009	Approved	View
4	DI_741	KAVIKA	ATHANI	63	BEE 5 STAR	HP000010	HP000011	Approved	View
5	DI_741_1	KAVIKA	ATHANI	100	BEE 5 STAR	HP000012	HP000013	Approved	View

- Click on the "New" button as pointed on the above picture.

The following screen is displayed for entering the details of the new DTr allotment.



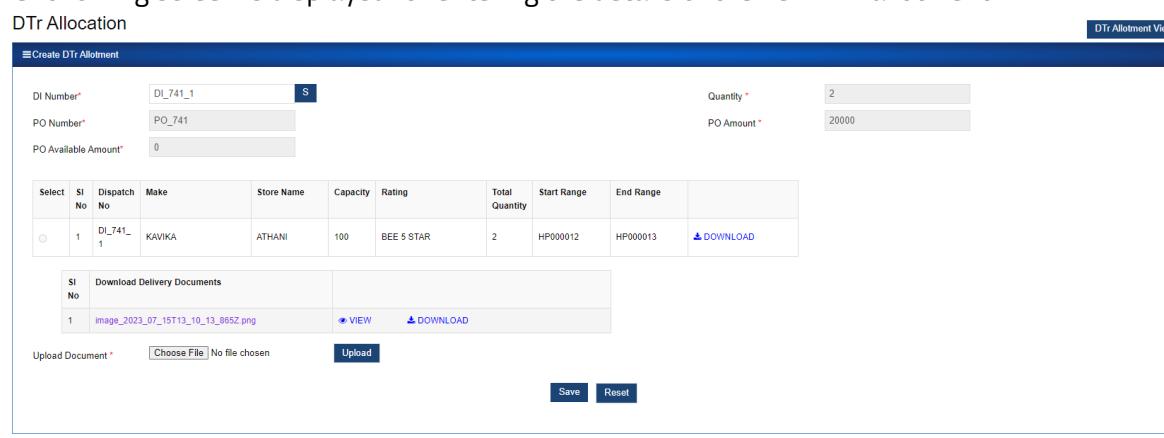
DTr Allocation

Create DTr Allotment

DI Number*	<input type="text" value="S"/>	Quantity *	<input type="text"/>
PO Number*	<input type="text"/>	PO Amount *	<input type="text"/>
PO Available Amount*	<input type="text"/>		
Upload Document *		<input type="button" value="Choose File"/> No file chosen	<input type="button" value="Upload"/>
<input type="button" value="Save"/> <input type="button" value="Reset"/>			

- Search DI number as pointed out in the above picture.

The following screen is displayed for entering the details of the new DTr allotment.



DTr Allocation

Create DTr Allotment

DI Number*	<input type="text" value="DI_741_1"/>	Quantity *	<input type="text" value="2"/>															
PO Number*	<input type="text" value="PO_741"/>	PO Amount *	<input type="text" value="20000"/>															
PO Available Amount*	<input type="text" value="0"/>																	
Select	SI No	Dispatch	Make	Store Name	Capacity	Rating	Total Quantity	Start Range	End Range									
<input type="radio"/>	1	DI_741_1	KAVIKA	ATHANI	100	BEE 5 STAR	2	HP000012	HP000013	▲ DOWNLOAD								
<table border="1"> <tr> <td>SI No</td> <td colspan="2">Download Delivery Documents</td> </tr> <tr> <td>1</td> <td colspan="2">image_2023_07_15T13_10_13_865Z.png</td> </tr> <tr> <td colspan="2"> <input type="button" value="VIEW"/> <input type="button" value="▲ DOWNLOAD"/> </td> </tr> </table>											SI No	Download Delivery Documents		1	image_2023_07_15T13_10_13_865Z.png		<input type="button" value="VIEW"/> <input type="button" value="▲ DOWNLOAD"/>	
SI No	Download Delivery Documents																	
1	image_2023_07_15T13_10_13_865Z.png																	
<input type="button" value="VIEW"/> <input type="button" value="▲ DOWNLOAD"/>																		
Upload Document *		<input type="button" value="Choose File"/> No file chosen	<input type="button" value="Upload"/>															
<input type="button" value="Save"/> <input type="button" value="Reset"/>																		

- Select the DI by clicking on the radio button as pointed in the above picture.
- Click on download as pointed out in the above picture to enter the details of the transformer
- Enter all the details information of the transformer on the downloaded Excel sheet.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
DI ID	DTr Code	DI Po No	DI No	Make ID	Make Name	Store Name	Capacity	Star Rate	SI No	Manufacture	Life Span	Warranty Per	Oil Type	Tc Oil Capacity	Tc Weight	DTr Amount	
1	HP000012	PO_741	DI_741_1	2	KAVIKA	ATHANI	100	BEE 5 STAR									
2	HP000013	PO_741	DI_741_1	2	KAVIKA	ATHANI	100	BEE 5 STAR									

- Click on the radio button for the same capacity that the user has entered the details.
- Upload the same file.
- Click on the Upload button
- Click on the save button as pointed out in the below picture.

Tc Allocation

Allotment View

Create Tc Allotment										
DI Number*		DI1632		S			Quantity *			
Select	SI No	Dispatch No	Make	Store_Name	Capacity	Rating	Total Quantity	START_RANGE	END_RANGE	
<input checked="" type="radio"/>	1	DI1632	ABB	HUBLI-URB AN	150	BEE 4 STAR	1	H400132	H400132	▲ DOWNLOAD
<input type="radio"/>	2	DI1632	ACC	BAGALKOT	100	BEE 4 STAR	2	H400133	H400134	▲ DOWNLOAD

SI No Download Delivery Documents

1 crpPrint (13).pdf	VIEW	▲ DOWNLOAD
---------------------	----------------------	----------------------------

Upload Document * HUBLI-URB..._21 PM.xlsx

For other transformer allotment process, user should follow the same above steps.

- "Saved successfully" message is displayed confirming that the data is saved.
- A confirmation pop-up will be displayed, click on the "OK" button to close the Pop-up window.

Once the allotment is completed to the store, User needs to request an Indent from section to there respective store.

8.6.Indent

For creating a new Indent against the allotment, the User should follow the below steps:

Note: - This sub-module is only accessible by the Section Officer.

- Click the "PMC Indent" sub-module from the "Enumeration" module.

The following screen is displayed to request Indent.

16:05 11% ← PMC INDENT

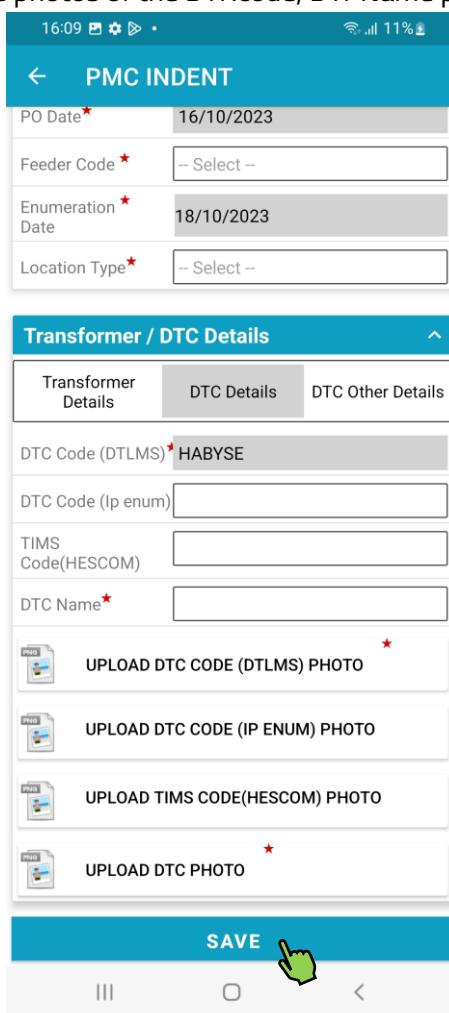
Indent	
Circle Name *	CHIKKODI
Division Name *	ATHANI
Sub-Division Name *	ATHANI
Section Name *	ATHANI TOWN
DTr Code *	HP001042
DTC Code (DTLMS) *	HP001032
Indent NO *	HP001040
Indent Date *	HP001041
DWA NO *	HP001042
PO NO *	HP001044
PO Date *	HP001045
	HP001046
	HP001050
	HP001051
	HP001052
	HP001053
	HP001076
	HP001077

||| □ <

- Select the DTr code.
- All the mandatory details should be filled in by the user.
- Click on "Save" button as pointed on the above picture.

The details will be saved partially,

- Click on "Manual Sync"sub-module from the "Enumeration" module.
- Select the Form Name and Staus.
- Click On"Edit" button as pointed on the below picture.
- Select "Feeder Code" and "Location Type ".
- All the transformer details will be autofetched based on selection of the DTR Code.
- All the mandatory details of DTC and DTC other details should be filled in by the user.
- Users needs to take the photos of the DTRcode, DTr Name plate, DTC code photos etc.



The screenshot shows a mobile application interface for entering transformer and DTC details. At the top, there's a header bar with the time (16:09), signal strength, battery level (11%), and a back arrow. Below it is a section titled 'PMC INDENT' with fields for 'PO Date' (16/10/2023), 'Feeder Code' (dropdown), 'Enumeration Date' (18/10/2023), and 'Location Type' (dropdown). A large expandable section titled 'Transformer / DTC Details' contains tabs for 'Transformer Details', 'DTC Details', and 'DTC Other Details'. Under 'DTC Details', there are fields for 'DTC Code (DTLMS)' (HABYSE), 'DTC Code (Ip enum)', 'TIMS Code(HESCOM)', and 'DTC Name'. Below these are four photo upload buttons labeled 'UPLOAD DTC CODE (DTLMS) PHOTO', 'UPLOAD DTC CODE (IP ENUM) PHOTO', 'UPLOAD TIMS CODE(HESCOM) PHOTO', and 'UPLOAD DTC PHOTO'. At the bottom is a blue 'SAVE' button with a green arrow pointing to it.

- Click On Save Button as pointed on the avobe pic.
- Click on "Manual Sync"sub-module from the "Enumeration" module.
- Select the Form Name and Staus.
- Click On"SYNC" button as pointed on the below picture.

16:12 ☰ 🔍 12%

Manual Sync

Select Form Name
Indent

Select Form Status
Pending

DTC Code
HABYSE

DTR Code
HP001040

Image Pending
6 out of 6

Created at 2023-10-18 16:08:46	Status SYNC PENDING
--------------------------------------	-------------------------------

SYNC



Once the record will SYNC sucessfully the record will comefor creation of the Invoice.

8.7. Invoice

For creating of the Invoice against the requested Indent, the User should follow the below steps:

Note: - This sub-module is only accessible by the Store Keeper.

For creating the Invoice user should follow the approval process, The Detailed process is explained in the approval section.

The following screen is displayed for creating the Invoice against the requested Indent: -



- All the mandatory details should be filled in by the user.
 - After ensuring the entries made are correct click on the "Approve" button as pointed out in the above picture.
 - "Saved successfully" message is displayed confirming that the data is saved.
 - A confirmation pop-up will be displayed, click on the "OK" button to close the Pop-up window.
- The selected faulty transformers will be forwarded for the next approval to store officer.

9. Approval Inbox

This module is used to approve all the records for approvers.

To approve the records, User should follow the below steps:

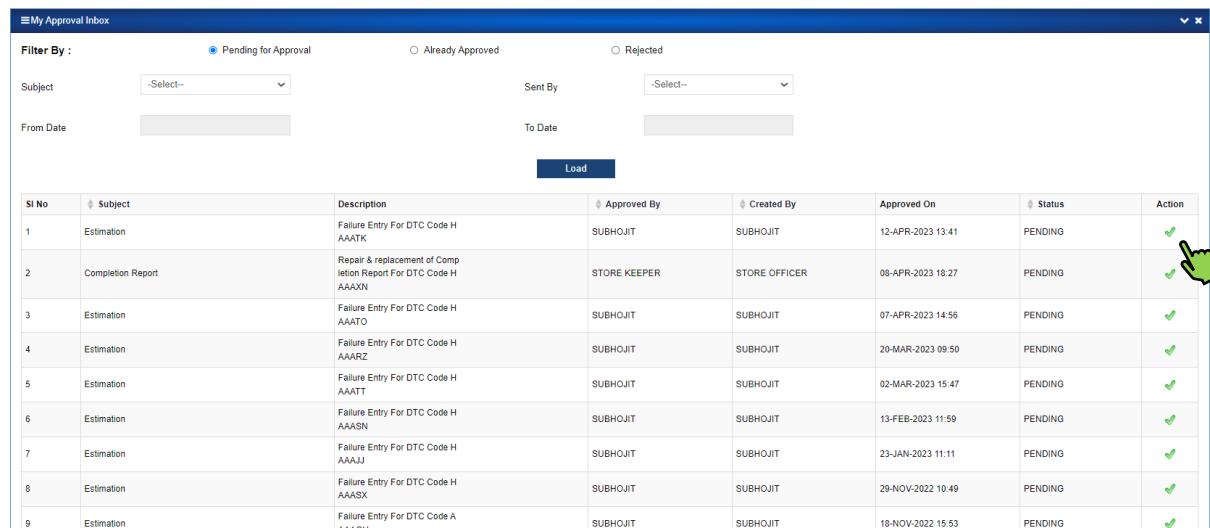
Note: - This sub-module is only accessible by all the users.

- Click on the "My Approval Inbox" sub-module from the "Approval" module

The following screen is displayed for approval Inbox: -

- Click on the action button as pointed in the above picture.

My Approval Inbox



SI No	Subject	Description	Approved By	Created By	Approved On	Status	Action
1	Estimation	Failure Entry For DTC Code H AAATK	SUBHOJIT	SUBHOJIT	12-APR-2023 13:41	PENDING	
2	Completion Report	Repair & replacement of Completion Report For DTC Code H AAAXN	STORE KEEPER	STORE OFFICER	08-APR-2023 18:27	PENDING	
3	Estimation	Failure Entry For DTC Code H AAATO	SUBHOJIT	SUBHOJIT	07-APR-2023 14:56	PENDING	
4	Estimation	Failure Entry For DTC Code H AAARZ	SUBHOJIT	SUBHOJIT	20-MAR-2023 09:50	PENDING	
5	Estimation	Failure Entry For DTC Code H AAATT	SUBHOJIT	SUBHOJIT	02-MAR-2023 15:47	PENDING	
6	Estimation	Failure Entry For DTC Code H AAASN	SUBHOJIT	SUBHOJIT	13-FEB-2023 11:59	PENDING	
7	Estimation	Failure Entry For DTC Code H AAAJ	SUBHOJIT	SUBHOJIT	23-JAN-2023 11:11	PENDING	
8	Estimation	Failure Entry For DTC Code H AAASX	SUBHOJIT	SUBHOJIT	29-NOV-2022 10:49	PENDING	
9	Estimation	Failure Entry For DTC Code H AAAGV	SUBHOJIT	SUBHOJIT	18-NOV-2022 15:53	PENDING	

10. Appendix:-

DTC- Distribution Transformer Center

DTr- Distribution Transformer.

AEE- Assistant Executive Engineer

EE- Executive Engineer