DTLMS -DISTRIBUTION TRANSFORMER LIFECYCLE MANAGEMENT SOFTWARE

USER MANUAL

User Manual – Distribution Transformer Lifecycle Management Software.

Introduction:

Welcome to the Distribution Transformer Lifecycle Management Software {DTLMS} user manual. DTLMS is user friendly application software developed exclusively for BESCOM in terms of the Work Award No. BESCOM/CGM(O)/DGM(OP-1)/BC-05/2017-18/CYS-79 Dated 28th February 2018.

In BESCOM, as on date approximately 3,00,000 distribution transformers are in service located at various locations to cater the needs of various types of consumers of BESCOM. Looking at the enormous quantity of distribution transformers in service and the scope of further increase in numbers, it is extremely difficult to manage the same in an efficient way from the current manual process adopted for maintenance of records.

In order to alleviate the hardship of the field and accounts officers in maintaining proper records of the distribution transformers, its periodical maintenance, tracking the events that a transformer has undergone from the date of commission till the date of scrapping the same, exercising control over distribution transformers sent for repairs and its return etc., DTLMS software is developed.

In the following pages, we will take you on an extensive tour of the software, module-by-module so that the end-user can comfortably use the DTLMS software with ease and derive the benefit from the software.

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Method of Coding DTC (Distribution Transformer Center) Location Code:

DTC location code is a 9-digit code and its structure is explained below:

1st Digit	District Code
2nd Digit	Taluk Code
3rd & 4th Digit	Station Code
5th & 6th Digit	Feeder Code
7th, 8th & 9th Digit	DTC Code

Business Process:

Failure (Single-coil):
Reporting Failure of DTR up to generation of Work Award:

Sl. No.	Activity	By whom	Module to be Used	Submission for Approval to	Remarks
1.	Transformer Failure	**Section Officer**	Failure / Enhance > Failure Entry	AEE (SDO)	SO is the creator
2.	Approval of Failure declaration	**AEE (SDO)**	Approval > Approval Inbox	DTR sent to Repairer	On approval by AEE (SDO) sent to Repairer. Record will come to SO for Estimation once quote by Repairer.
3	Repairer confirms single-coil repair and communicates to SO				If single-coil repair, then the repairer conducts repair on the transformer.
4.	Section Officer prepares Estimate as per joint survey report (by SO, SDO & Repairer).	**Section Officer**	Approval > Approval Inbox	AEE (SDO)	SO prepares estimate and submits for scrutiny.
4.	Scrutiny of estimate	**AEE (SDO)**	Approval > Approval Inbox	DO-AET.	After scrutiny of estimate it is submitted for approval.
5.	Scrutiny of estimate	**DO-AET**	Approval > Approval Inbox	AEE(O)-Division.	After scrutiny of estimate it is submitted for approval.

6.	Scrutiny of estimate	**AEE(O)-Division**	Approval > Approval Inbox	AO	After scrutiny of estimate sent to AO for budget verification.
7.	Scrutiny of estimate	**AO**	Approval > Approval Inbox	EE	After budget verification, it is submitted for approval from EE.
8.	Estimate approved	**EE**	Approval > Approval Inbox	DO-AET	After estimate approval, sent for Work Order from AET.
9.	Work Order creation	**DO-AET**	Approval > Approval Inbox	SO	After creation of Work Order, it is submitted to SO.
10.	Receive DTr	**Section Officer**	Approval > Approval Inbox	SDO	In case of same TC, then the flow ends here.
11.	Invoice DTr approval	**SDO**	Approval > Approval Inbox	EE	In case of different TC, then it goes for approval to EE.

Failure (Multi-coil)/Enhancement/Failure with enhancement:

Reporting Failure of DTR up to generation of Completion Report:

Sl. No.	Activity	By whom	Module to be Used	Submission for Approval to	Remarks
1.	Transformer Failure	**Section Officer**	Failure / Enhance > Failure Entry	AEE (SDO)	SO is the creator
2.	Approval of Failure declaration	**AEE (SDO)**	Approval > Approval Inbox	DTR sent to Repairer	On approval by AEE (SDO) sent to Repairer.
3	Repairer confirms the multi-coil repair and sends transformer to Store				If multi-coil repair, then the transformer is sent to store.
4.	Section Officer prepares Estimate.	**Section Officer**	Approval > Approval Inbox	AEE (SDO)	Estimate is prepared and submitted to AEE(SDO) for scrutiny.
4.	Scrutiny of estimate.	**AEE (SDO)**	Approval > Approval Inbox	DO-AET.	After scrutiny of estimate, it is submitted for Work Order creation.
5.	Scrutiny of estimate.	**DO-AET**	Approval > Approval Inbox	AEE(O)-Division.	After scrutiny of estimate, Work Order is created and submitted for approval.
6.	Scrutiny of estimate.	**AEE(O)-Division**	Approval > Approval Inbox	AO	After scrutiny of estimate Work order is sent for budget verification.
7.	Scrutiny of estimate	**AO**	Approval > Approval Inbox	EE	After budget verification, it is submitted for approval from EE.
8.	Estimate approval	**EE**	Approval > Approval Inbox	DO-AET	Estimate is approved and sent for WO creation..

9.	Work Order Creation	**DO-AET**	Approval > Approval Inbox	Section Officer	After WO is created, it is submitted for Indent creation
10.	Creation of Indent against sanctioned W.O.	**Section Officer**	Approval > Approval Inbox	AEE(SDO)	Creation of Indent
11.	Approval of indent created by SO	**AEE (SDO)**	Approval > Approval Inbox	Store Officer	After scrutiny of Indent it is approved by SDO.
12.	Approval of the indent for issue of material	**Store Officer**	Approval > Approval Inbox	Store Keeper	After scrutiny of Indent it is approved by Store Officer and goes to Store Keeper for further action.
13.	Issue of material and Gate Pass	**Store Keeper**	Approval > Approval Inbox	Section Officer	Creation of Invoice and Gate Pass.
14.	Creation of Commissioning/ Decommissioning	**Section Officer**	Approval > Approval Inbox	Sub Division Officer	Creation of Commission/ Decommission.
15.	Approval of Decommission by Sub Division Officer	**Sub Division Officer**	Approval > Approval Inbox	Store Keeper	After scrutiny of Decommission it is approved by Sub Division Officer.

16.	Creation of RI Acknowledgement	**Store Keeper**	Approval> Approval Inbox	Store Officer	Creation of RI.
17.	Approval of RI by Store Officer	**Store Officer**	Approval> Approval Inbox	Section Officer	After scrutiny of RI it is approved by Store Officer and goes to Section Officer for further action.
18.	Scrutiny of Completion Report	**Section Officer**	Approval> Approval Inbox	Sub Division Officer	After scrutiny of CR it is approved by Section Officer.
19.	Scrutiny of Completion Report	**Sub Division Officer**	Approval> Approval Inbox	Account Officer	After scrutiny of CR it is approved by Section Officer.
20.	Approval of Completion Report	**Account Officer**	Approval> Approval Inbox	Executive Engineer	After scrutiny of CR it is approved by Account Officer and DTC Failure Commission and Decommission will complete.
21.	Approval of Completion Report	**Executive Engineer**	Approval> Approval Inbox		After scrutiny of CR it is approved by EE and DTC Failure Commission and Decommission will complete.

DTR Repair Management:

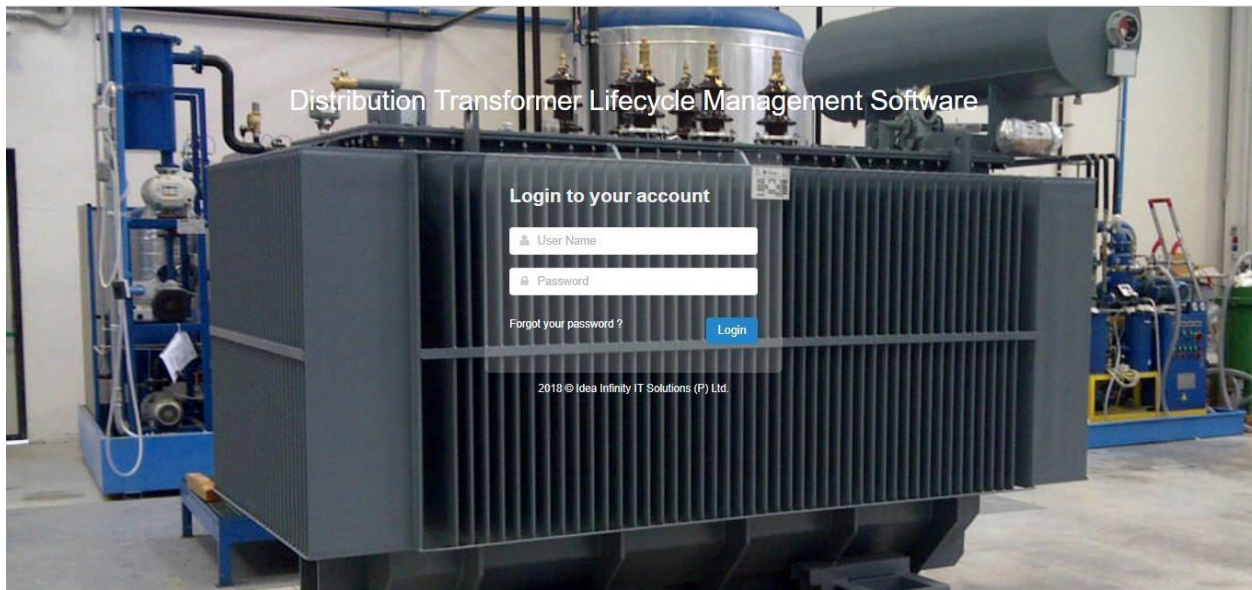| Sl. No.	Activity	By whom	Module to be used	Movement of document to	Remarks
1.	Failed Transformers	**Store Keeper**	Faulty DTR Search	Store Officer	Store Keeper is the Creator.
2.	Approval to Send Faulty DTR to Repairer/Supplier	**Store Officer**	Approval > Approval Inbox		On approval by Store officer Faulty DTR will be sent to Repairer / Supplier
3.	Repairer performs repair and confirms repaired good item				
4.	MT tests and confirms repair good item	**MT**	Pending to Test	Store Keeper	MT tests and certifies the repair good Item.
5.	Receive repaired transformer	**Store Keeper**	Approval > Approval Inbox	AO	Store Keeper receives the repair good item and acknowledgement is sent to AO.

Inter Store Transfer:

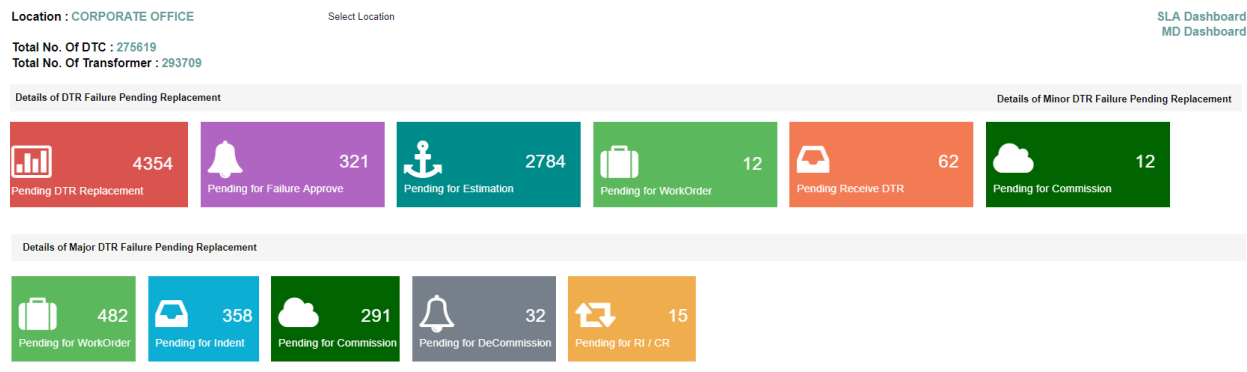| Sl. No.	Activity	By whom	Module to be used	Movement of document to	Remarks
1.	Transformers	**Store Keeper**	Store Indent	Store Officer of the requesting division.	Store Keeper is the Creator.
2.	Approval of the indent to request material	**Store Officer of the requesting division.**	Approval > Approval Inbox	Store Officer of issuing Store	After scrutiny of Store Indent it is approved by Store Officer and goes to Store Officer of Requested Store for further action.
3.	Creation of Store Invoice	**Store Officer of issuing Store**	Approval> Approval Inbox	Store Keeper of issuing store.	After scrutiny of Indent it is approved by Store Officer to issue Materials.
4.	Approval of the Invoice for issue of material.	**Store Keeper of issuing store.**	Approval> Approval Inbox		Store Keeper will create the Invoice to issue the materials.

Login Screen:

In order to use the DTLMS software, https://bescomdtlms.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 to the DTLMS click on the link provided in BESCOM website. Following screen is displayed, wherein the user has to enter the required username and password. The user will be allowed to perform the roles defined to each person like creation of record, editing the record, approval etc.

Distribution Transformer Lifecycle Management Software

Login to your account

User Name

Password

Forgot your password ?   Login

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On logging in, the following screen is displayed. On the left side panel names of 10 modules are shown. Usage of the same is explained below:
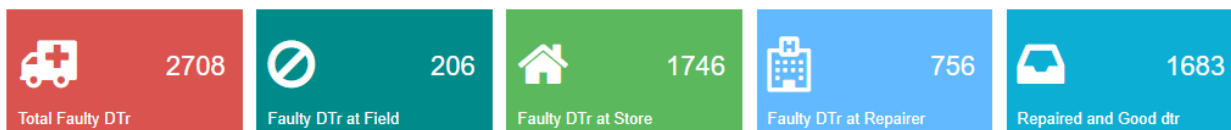
Location : CORPORATE OFFICE   Select Location   SLA Dashboard
                                                                                                                            MD Dashboard

Total No. Of DTC : 275619
Total No. Of Transformer : 293709

Details of DTR Failure Pending Replacement   Details of Minor DTR Failure Pending Replacement

4354	321	2784	12	62	12
Pending DTR Replacement	Pending for Failure Approve	Pending for Estimation	Pending for WorkOrder	Pending Receive DTR	Pending for Commission

Details of Major DTR Failure Pending Replacement

482	358	291	32	15
Pending for WorkOrder	Pending for Indent	Pending for Commission	Pending for DeCommission	Pending for RI / CR

DTC Failure Trend

DTC Failure/Month

View Details of Faulty DTR Details

Total Faulty DTr 2708	**Faulty DTr at Field** 206	**Faulty DTr at Store** 1746	**Faulty DTr at Repairer** 756	**Repaired and Good dtr** 1683

My Inbox Status

Total Inbox Item 0	**Approved** 0	**Pending** 0	**Rejected** 0

≡ DTC Failure Abstract

Capacity(in KVA)   -Select-▼   Section   --Select--▼   Export Excel

Capacity(in KVA)	Section Code	Section Name	Current Month	PREVIOUS Month	Current Quarter	Current Financial Year
100	3412	CHINIYA	2	3	6	6
100	4221	NUGGEHALLY	1	2	7	7
100	2142	ARAKALAVADI	0	2	3	3
100	2214	DODDINDUVADI	0	2	2	2
100	2141	HARADANAHALLI	0	0	1	1
100	3221	KOPPA	1	2	3	3

Screenshot-1

Software Modules:

Following 17 Main Modules are available in DTLMS:

1. Dashboard.
2. Password Management.
3. Admin Activities.
4. Masters.
5. Failure/Enhance.
6. DTR Repair Management.
7. Scrap Transformer.
8. Maintenance.
9. Billing.
10. Permanent Decommissioning.
11. Inter Store Transfer.
12. Transformer Bank.
13. Approval
14. Transaction.
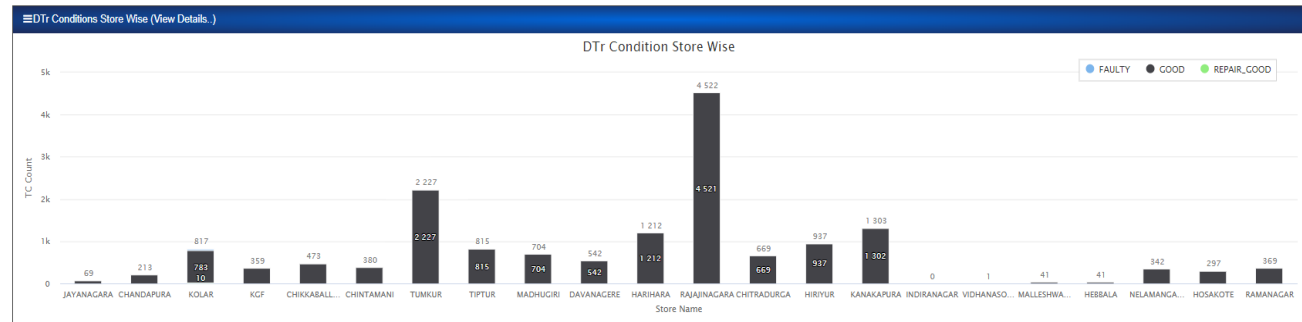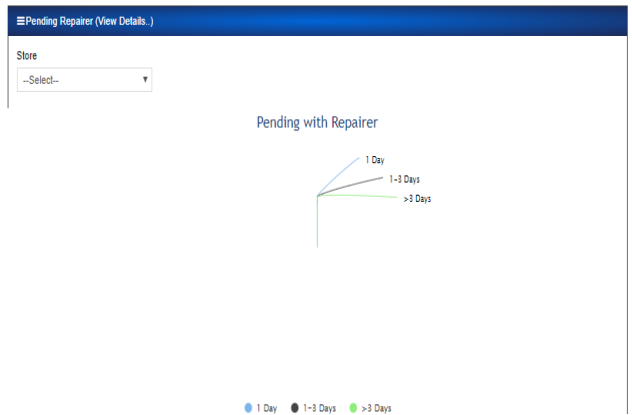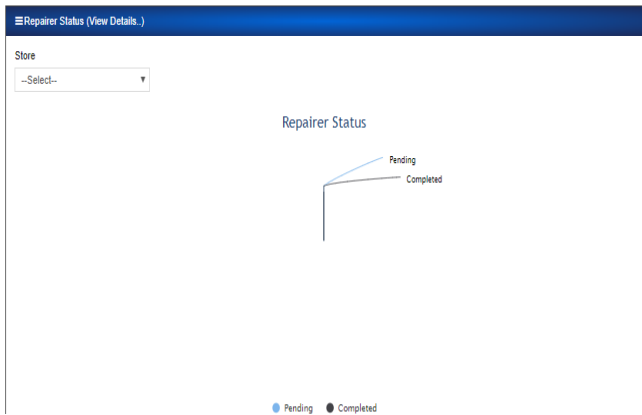15. Operation Reports.
16. Reports.
17. Help.

1. Dashboard:

As soon as a user logs into DTLMS, Dashboard screen is shown by default. In this screen, all vital information can be seen for ready reference. (Screenshot-1).

1. MD dashboard.

In MD dashboard overview of the DTR failure status ,Repairer status, pending for repair ,DTR condition store wise, DTR condition field wise, RI status, Frequently failed DTC ,Frequently failed DTR can be Know through graph.

All vital information can be seen for ready reference. (Fig-1.1).

≡ DTr Failure Status (View Details..)

DTr Failure Status

BRAZ   BMAZ–NORTH   CTAZ   BMAZ–SOUTH

≡ Repairer Status (View Details..)

Store
--Select--

Repairer Status

Pending
Completed

● Pending   ● Completed

≡ Pending Repairer (View Details..)

Store
--Select--

Pending with Repairer

1 Day
1–3 Days
>3 Days

● 1 Day   ● 1–3 Days   ● >3 Days

≡ DTr Conditions Store Wise (View Details..)

DTr Condition Store Wise

FAULTY   GOOD   REPAIR_GOOD

≡ DTr Conditions Field Wise (View Details..)

DTr Condition Field Wise

FAULTY   GOOD   REPAIR_GOOD
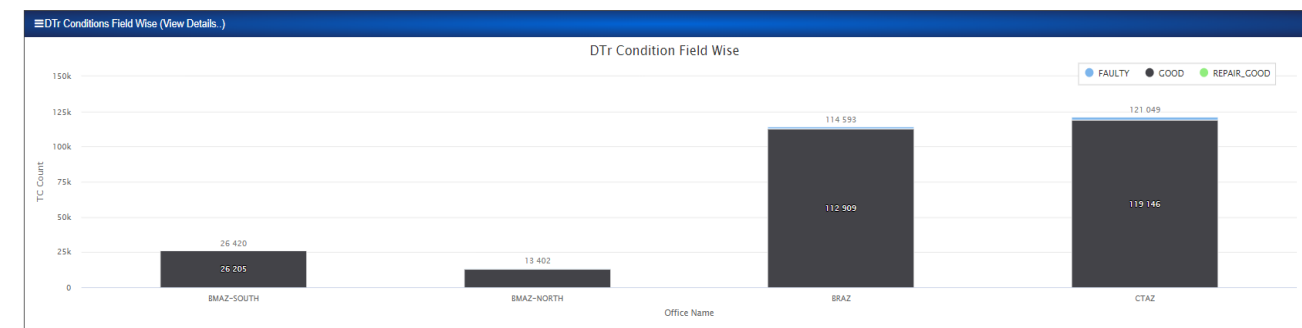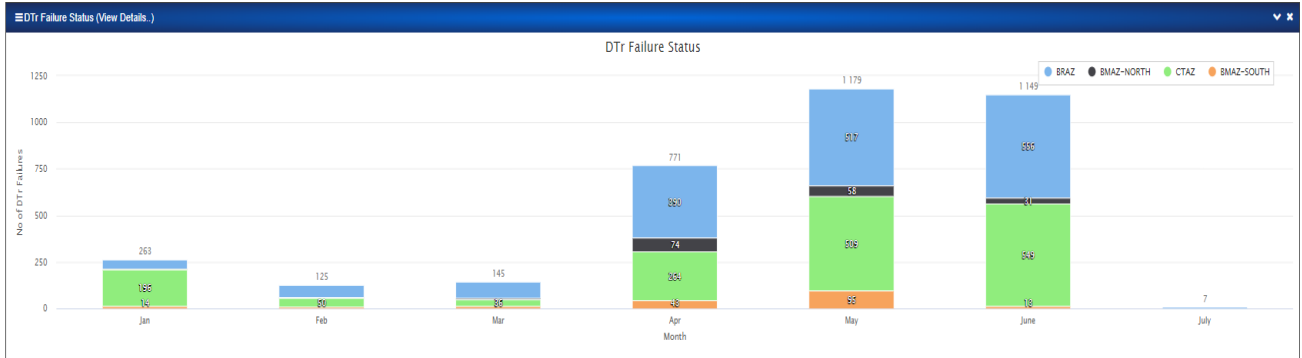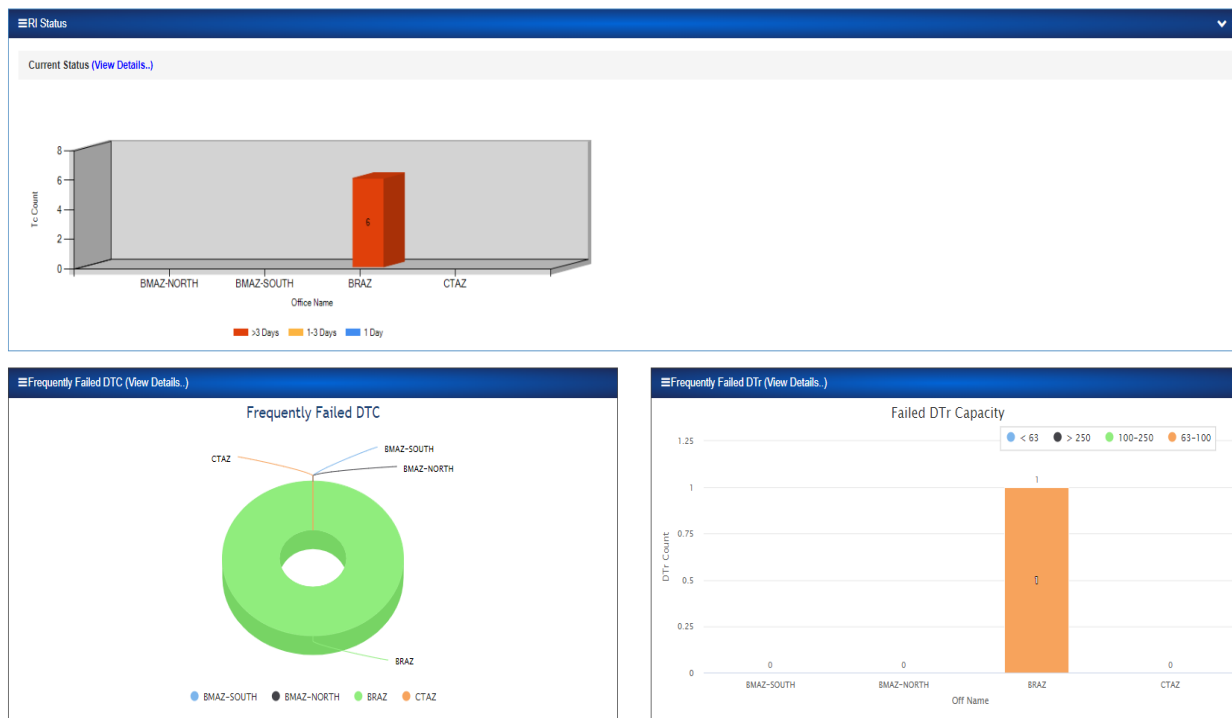
Fig1.1

2.SLA dashboard.

SLA dashboard gives count of transaction pending at each stage and count of pending days transaction. When click on SLA dashboard following screen will displayed.

SLA

ABSTRACT

FAILURE	ESTIMATION	MINOR WORK ORDER	RECEIVE DTR	INVOICE DTR	MAJOR WORK ORDER	INDENT	COMMISSION	DECOMMISSION	RI/CR
321	2785	12	62	291	482	358	12	32	15

DETAILS

Sl No	OFFICE	PHASE	PENDING < 3 DAYS	PENDING FROM 3 TO 7 DAYS	PENDING FROM 8 TO 15 DAYS	PENDING FROM 16 TO 30 DAYS	PENDING FROM > 30 DAYS
1	BMAZ-SOUTH	Failure Entry	6	1	6	1	18
2	BMAZ-SOUTH	Estimation	24	68	10	22	76
3	BMAZ-SOUTH	WorkOrder	0	12	3	0	10
4	BMAZ-SOUTH	ReceiveMinorTC	0	42	0	0	17
5	BMAZ-SOUTH	MinorTCInvoice	0	0	0	7	0
6	BMAZ-NORTH	Failure Entry	1	3	1	5	1
7	BMAZ-NORTH	Estimation	13	13	41	14	17
8	BMAZ-NORTH	WorkOrder	21	2	5	40	0
9	BMAZ-NORTH	Indent	4	0	0	0	0
10	BMAZ-NORTH	Indent Approval	4	12	0	0	0
	Enter the Sectio	Enter the phase	🔍				

1 2 3

Fig1.2

2. User Management:

This module has following two sub-modules:

- User Create.
- Change Password.

2.1 User Create:

- ✓ User having administrative role ONLY can create new users to operate on DTLMS.
- ✓ User is created based on his Office code and based on the activities to be performed by him, relevant access permissions are granted.
- ✓ User can login to application through username and password. Based on his access rights he can perform activities on DTLMS.

Sequence of operation to create New User: (Administrator Only)

- ➢ Login to DTLMS as Administrator.
- ➢ Click on "Admin Activities" and then click on "User Management" listed on the left side panel of the screen.
- ➢ On clicking User Management, one sub module is displayed.
- ➢ Click on Create User. User View Screen is displayed. (Screen shot – 2)
- ➢ Click on "New User" button available on the top right corner.
- ➢ A blank screen is displayed for entering the details of the new user. (Screen Shot – 3). The field names are self-explanatory. Relevant data is entered in the text boxes provided against each field.

It may be noted that the field name followed by "red Asterisk mark" is a mandatory field and the data has to be compulsorily entered.

➢ In respect of field "office code" code can be directly entered if it is known or else click on "S" (search button) available on the right side of the field and select the appropriate code. For the fields "Role and Designation", relevant item has to be selected from the drop-down list provided by clicking on the downward arrow.

➢ In respect of the field "sign copy" scanned copy of the new user signature has to be uploaded by clicking on "choose file" button.

➢ After entering all the data relating to the new user, click on "Save" button to save the record.

➢ On saving, a dialogue box is displayed stating that the record has been successfully saved. Click on OK button to go back to the entry screen.

NOTE: In the first instance, password is created by the administrator and the same is to be informed to the user with instructions to change his password after his login to DTLMS for the first time.

Sequence of operation for Editing / Deactivate a user: (Administrator Only)

➢ Login to DTLMS as Administrator.
➢ Click on "User Management" listed on the left side panel of the screen (refer screen shot – 1).
➢ On clicking user management, one sub-module is displayed.
➢ Click on User Create. User View Screen is displayed. (Screen shot – 2).
➢ As could be seen list of all the users created are displayed. Against each user an icon under edit column is shown as also the status is shown in "Green Dot". Green Dot represents that the user is currently active.
➢ For editing the details of a user, click on the **icon** under edit column of the user.

Note: Administrator can modify all the fields, if the user has not yet logged into DTLMS. Once, the user has logged in to the software, then all the fields except Login name and password other field can be modified and updated.

➢ On clicking edit button, all the details of the user to be modified are displayed.
➢ After editing the fields click on button "Update" to save the changes.
➢ On successful updating of data, "Updated successfully" message is displayed on the screen.

To De-activate a user:

➢ In the user view grid, status column is shown with a dot in Green / Red color. Green color indicates that the user is active and Red color indicates that the user is de-activated.
➢ To change the status, click on the dot. When clicked on green dot, a dialogue box is shown with the message "Are you sure, do you want to disable user?" Now click on "OK" button to proceed further or "Cancel" button to exit.
➢ On clicking OK button, one more screen is displayed to enter the reasons to disable the user along with the effective date. Enter the details and click on button "Submit".
➢ "User De-activated successfully" message is displayed.

➤ Click on "OK" button to return to the user view screen. You can observe that the green dot has changed to red color.

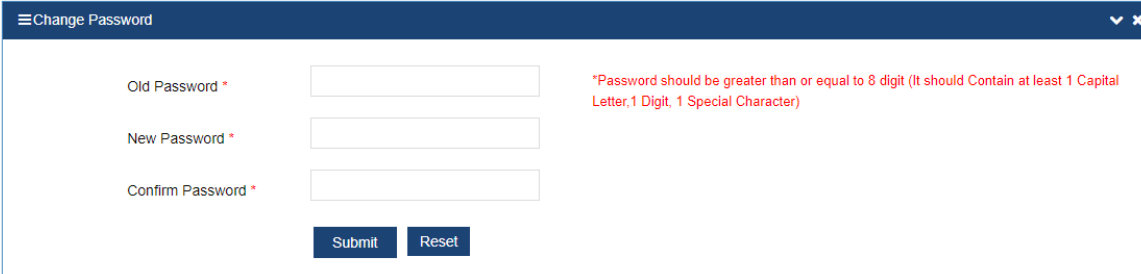**To Re-activate a De-activated user:**

➤ To change the status, click on the red dot relating to the user to be Re-activated. A dialogue box is shown with the message "Are you sure, you want to enable user?" Now click on "OK" button to proceed further or "Cancel" button to exit.

➤ On clicking "OK" button, one more screen is displayed to enter the reasons to enable the user along with the effective date. Enter the details and click on button "Submit".

➤ "User Activated successfully" message is displayed.

➤ Click on "OK" button to return to the user view screen. You can observe that the red dot has changed to green color.
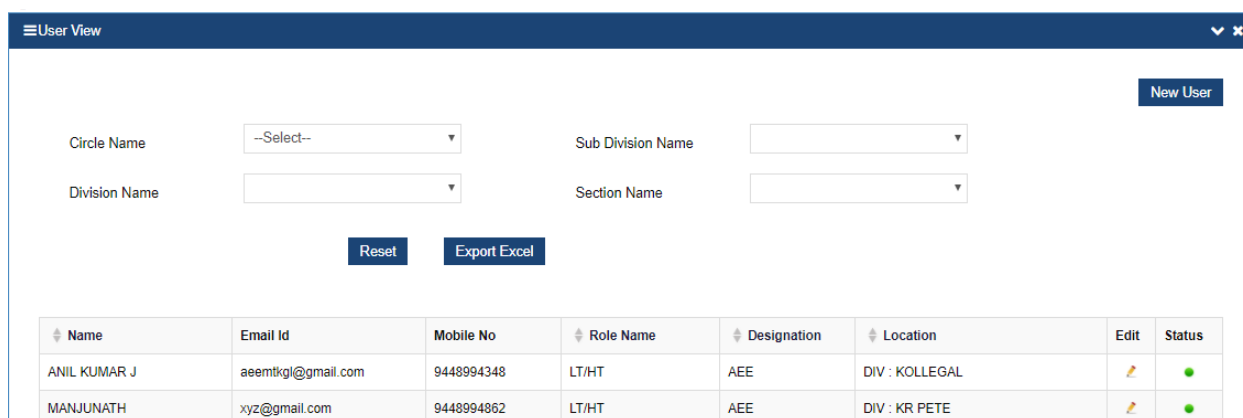
ScreenShot – 2
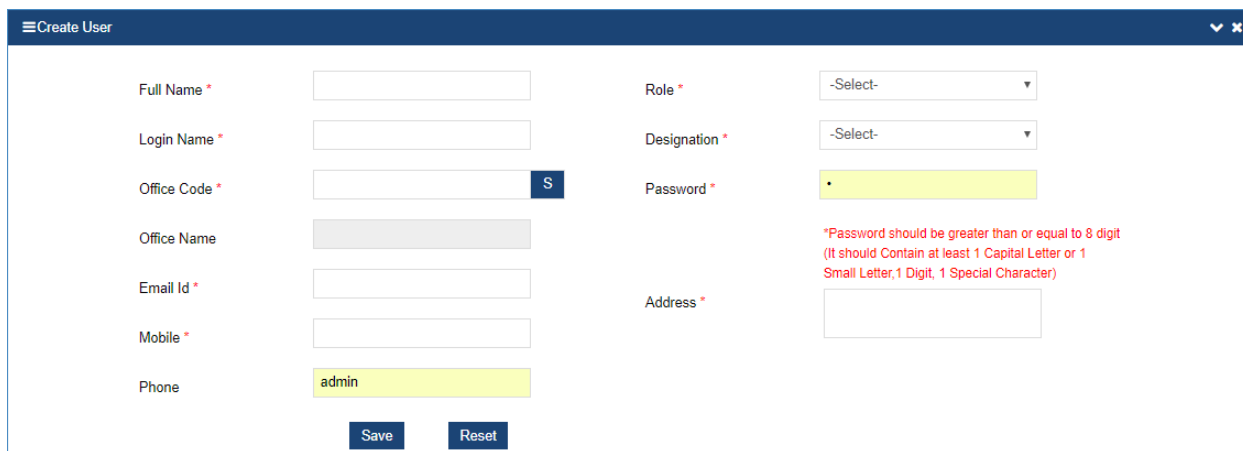
ScreenShot – 3

2.2 Change Password:

In this module, the user can change the password. It is advisable that the user change his password from time to time for security reasons. Steps to be followed for changing password are explained below:

 ➢ Login to DTLMS with username and password.
 ➢ Click on User Management. From the sub menu displayed, click on "change password". Following screen is displayed. (Screen Shot – 5)

Change Password

≡ Change Password		❯ ✖
Old Password *	[ ]	*Password should be greater than or equal to 8 digit (It should Contain at least 1 Capital Letter,1 Digit, 1 Special Character)
New Password *	[ ]	
Confirm Password *	[ ]	
	Submit Reset	

Screen Shot – 5

 ➢ Now enter Old Password, then enter the new password the user desires and then again enter the same new password.
 ➢ Now click on "Submit" button for saving the new password.
 ➢ "Password changed successfully" message is displayed.
 ➢ Now click on OK button.
 ➢ Once the user logout from DTLMS, he has to use the new password saved to login again.

3. Masters

Following 12 sub-modules are available under Masters:

 • Designation
 • Role
 • Repairer Rates entry
 • DTR Make Master
 • DTR Supplier
 • DTR Repairer
 • Store
 • Existing DTR Entry
 • New DTR Master
 • DTC Master
 • Purchase Order Master
 • Feeder Master

3.1 Designation:

- Permission to use this master is vested with Admin only.
- This form is used to create / update the designation of officers working in BESCOM.

Steps to be followed for creating / updating Designation Master:

➢ Login to DTLMS as Admin with the username and password.
➢ Click on "Admin Activities".
➢ Sub-modules under Admin Activities are listed.
➢ Click on Masters and select Designation. Following screen is displayed showing the details of all the designations already created in the grid format.

Designation View

➢ For creating New Designation, click on "new Designation" button available on the right top corner of the Designation view screen.
➢ On clicking on this button following entry screen is displayed:

➢ Now enter the Name of the Designation and Description of the designation in the appropriate text boxes provided against each field name.
➢ Now click on "Save button" to save the data.
➢ A message "Saved Successfully" is displayed.
➢ Now click on "OK" button.
➢ In case one more new designation is to be created, repeat the above steps and save.
➢ Click on "designation view" button to see the new designations created are displayed in the grid.

Steps to be followed for modifying the designation master:

Note: Once any user has logged in and operated in the new designation, only description can be modified. Otherwise both the fields can be modified and updated.

➢ Login to DTLMS as Admin with the username and password.
➢ Click on "Admin Activities".

- ➢ Sub-modules under Admin Activities are listed.
- ➢ Click on Masters and select Designation. Following screen is displayed showing the details of all the designations already created in the grid format.
- ➢ Click on "edit icon" in respect of the designation to be edited.
- ➢ Details already entered is displayed. Now make necessary correction required and click on "Update" button to save the changes.
- ➢ "Updated successfully" message is displayed confirming that the changes made is saved.
- ➢ Click on "OK" button. The saved data is displayed, so that the user can go through the details and if necessary can make further changes and click on "Update" button.

3.2 Role

- • Permission to use this master is vested with Admin only.
- • This form is used to create / update the Role of officers working in BESCOM.

Steps to be followed for creating / updating Role Master:

- ➢ Login to DTLMS as Admin with the username and password.
- ➢ Click on "Admin Activities".
- ➢ Sub-modules under Admin Activities are listed.
- ➢ Click on Masters and select Role. Following screen is displayed showing the details of all the designations already created in the grid format.

☰ Role View		⌄ ✗
		New Role Export Excel
⇕ Role	⇕ Designation	Edit
AE	OTHERS	✎
SYSTEM OFFICER	OTHERS	✎
SUPER ADMIN	SUPER ADMIN	✎
LT/HT	AEE	✎

- ➢ For creating New Roles, click on "new Role" button available on the right top corner of the Role view screen.
- ➢ On clicking on this button following entry screen is displayed:

☰ Create Role	⌄ ✗
Designation *	--Select-- ▼
Role Name *	
	Save Reset

- ➢ Now select the designation from drop-down and enter the Name of the Role in the appropriate text box provided.
- ➢ Now click on "Save button" to save the data.
- ➢ A message "Saved Successfully" is displayed.

➢ Now click on "OK" button.
➢ In case one more new Role is to be created, repeat the above steps and save.
➢ Click on "Role view" button to see the new Roles created are displayed in the grid.

Steps to be followed for modifying the Role master:

Note: Once any user has logged in and operated in the new roles, only role name can be modified. Otherwise both the fields can be modified and updated.

➢ Login to DTLMS as Admin with the username and password.
➢ Click on "Admin Activities".
➢ Sub-modules under Admin Activities are listed.
➢ Click on Masters and select Role. Following screen is displayed showing the details of all the roles already created in the grid format.
➢ Click on "edit icon" in respect of the role to be edited.
➢ Details already entered is displayed. Now make necessary correction required and click on "Update" button to save the changes.
➢ "Updated successfully" message is displayed confirming that the changes made is saved.
➢ Click on "OK" button. The saved data is displayed, so that the user can go through the details and if necessary can make further changes and click on "Update" button.

3.3 Repairer Rates Entry

• Permission to use this master is vested with Admin only.
• This form is used to enter repairer-wise rates of various materials, labor costs and salvage costs that are currently in use at BESCOM.

Steps to be followed to enter Repairer rates details:

➢ Login to DTLMS as Admin with the username and password.
➢ Click on "Admin Activities".
➢ Sub-modules under Admin Activities are listed.
➢ Click on Masters and select Repairer Rates Entry. Following screen is displayed showing the details to be entered.

➢ Select Repairer/Supplier and Repairer/supplier name and all the details as seen on screenshot.

☰ Material Cost Details

Material Name	Quantity	Base Rate	Tax Rate	Total	Measurement	Select Data
HV winding					--SELECT ▾	☐
LV Winding					--SELECT ▾	☐
HV Porcelain bushings					--SELECT ▾	☐
HV terminal Bolt					--SELECT ▾	☐
LV Bushing					--SELECT ▾	☐
LV terminal Bolt					--SELECT ▾	☐
SRBP Tube					--SELECT ▾	☐
Lid bolts					--SELECT ▾	☐

☰ Labour Cost Details

Material Name	Quantity	Base Rate	Tax Rate	Total	Measurement	Select Data
HV winding					--SELECT ▾	☐
LV winding					--SELECT ▾	☐
Welding of tank					--SELECT ▾	☐
Oil filtering charges					--SELECT ▾	☐

☰ Salvages Cost Details

Material Name	Quantity	Base Rate	Tax Rate	Total	Measurement	Select Data
Cost of scrap					--SELECT ▾	☐
Damaged brass parts					--SELECT ▾	☐
Released scrap Iron					--SELECT ▾	☐
Damaged lamination					--SELECT ▾	☐

Save   Reset

➢ Enter all the material cost, labor cost and salvages cost that are needed to be updated.
➢ After entry click on "Save" button.
➢ "Saved successfully" message is displayed confirming that the data has been saved.
➢ Click on "OK" button.

Note: The rates can be modified/updated by selecting the same repairer/supplier name and entering the updated rates.

3.4 DTR Make Master

- This form is used to enter the details of various makes of distribution transformers that are currently in use at BESCOM.
- The same form will be used to create any new Makes that may come into existence on future date.

Steps to be followed to create new DTR details:

➢ Login to DTLMS with the username and password.
➢ Click on Masters.
➢ Sub-modules under masters are listed.
➢ Click on "DTR Make Master". Following screen is displayed showing the details of all DTR make already created in the grid format.

Make Name	Description	Edit	Status
ASV	ASV	✎	●
SINE POWER SYSYTEMS	Sine Power Sysytems	✎	●
AEW- ALWAYE ENGINEERING WORKS	AEW ALWAYE ENGINEERING WORKS	✎	●
VIVEK ENTERPRISES	VIVEK ENTERPRISES	✎	●
SAHARA	Sahara	✎	●
CROMPTON	Made In India	✎	●

➢ Click on "New Make" button available on right top of the Make Master View screen.
➢ Following entry screen is displayed to enter the relevant data.

≡ Create Make

Make Name *

Description *

Save   Reset

➢ Now enter the relevant details in respective text box provided.
➢ After entry click on "Save" button.
➢ "Saved successfully" message is displayed confirming that the data has been saved.
➢ Click on "OK" button to return to Make Master entry screen.
➢ Repeat the above steps in case further makes are to be entered. Else select the required module to continue work on DTLMS.

For modifying the Make:

Note: Once a user has logged in and operated the new Make Master defined, only description can be modified. Otherwise, both the fields can be modified and updated.

➢ Login to DTLMS as Admin with the username and password.

➢ Click on Masters.
➢ Sub-modules under masters are listed.
➢ Click on Make Master. A screen is displayed showing the view of Make Master already created in the grid format.
➢ Click on "edit icon" in respect of the Make Master to be edited.
➢ Details already entered is displayed. Now make necessary correction required and click on "Update" button to save the changes.
➢ "Updated successfully" message is displayed confirming that the changes made is saved.
➢ Click on "OK" button to continue.

For Changing the status of the Make:

➢ Login to DTLMS as Admin with the username and password.
➢ Click on Masters.
➢ Sub-modules under masters are listed.
➢ Click on Make Master. A screen is displayed showing the view of Makes already created in the grid format.
➢ Click on "Status icon" in respect of the Make whose status has to be changed. (Green color indicates the present status as active and red indicates De-Activated).
➢ When status has to be changed from Active to De-Active, a message box is displayed stating that "Are you sure you want to De-Activate make". Click on "OK" button, a dialogue box is displayed seeking details like reason for de-activation and the effective date. Now enter the details and click on "Submit" button.
➢ "Make Master is De-Activated" successfully message is displayed.
➢ Click on "OK" button.
➢ You can see that the **green dot** has changed to **red** in color.
➢ When the status has to be changed from De-Active to Active, a message is displayed stating "Are you sure you want to Activate Make".
➢ Click on "OK" button.
➢ A dialogue box is displayed seeking details like reason for activation and the effective date. Now enter the details and click on "Submit" button.
➢ "Make Master is Activated successfully" message is displayed.
➢ Click on OK button.
➢ You can see that the **red dot** has changed to green in color.

3.5 DTR Supplier:

This form is used to capture the details of existing distribution transformer suppliers / vendors as also new suppliers.

Steps to be followed to create new Supplier / Vendor details:

➢ Login to DTLMS with the username and password.
➢ Click on Masters.
➢ Sub-modules under masters are listed.
➢ Click on "DTR Supplier". Following screen is displayed showing the details of all DTR Suppliers already created in the grid format.

Supplier Name	Phone no	EmailId	Block List	Block Listed Upto	Edit
SWATHI	8989633518	abc1@abc.com	NO		✎
CHIKKRAJU	08023327005	abc@asd.com	NO		✎
ASPHALT	080-33333333	zyx@postmark.net	NO		✎
SP ENTERPRISES	080-22222222	xyz@postmark.net	NO		✎

- Now click on "New supplier" button provided on the right top corner of the supplier view screen.
- Following entry screen is displayed for entering the data of the new supplier / vendor.

- Now enter relevant data against the name of each field. In respect of field Black Listed select "NO" from the drop down.
- After entry of all the details click on "Save" button.
- "Saved successfully" message is displayed confirming that the data is saved.
- Click on "OK" button to return to new supplier entry screen.
- User can continue entering any other new supplier details or can proceed to any other module he likes to work on.

Steps to be followed to modify the details of Supplier / Vendor:

- Login to DTLMS with the username and password.
- Click on Masters.
- Sub modules under masters are listed.
- Click on "DTR Supplier".
- Details of all the DTR Suppliers already created are shown in the grid format.
- Click on **edit icon** in respect of the supplier whose details are to be modified.
- Details of the supplier selected for modification is displayed for making necessary corrections except Supplier name.
- If black listed option is changed as "YES" then the date up to which it is black listed has to be entered.

➢ After making necessary changes click on the "Update" button.

➢ "Updated successfully" message is displayed confirming that the changes have been saved. Click on "OK" button.

➢ The data entry screen is displayed for information of the user. If any corrections are to be made the same can be made and updated as explained above.

➢ If any more changes for other suppliers are to be done, click on supplier view button and repeat the above steps.

3.6 DTR Repairer:

This form is used to capture the details of existing / new transformer repairers with whom BESCOM is transacting.

Steps to be followed to create new transformer repairer:

➢ Login to DTLMS with the user name and password.
➢ Click on Masters.
➢ Sub-modules under masters are listed.
➢ Click on "DTR Repairer". Following screen is displayed showing the details of all DTR Repairers already created in the grid format.

DTR Repairer View

☰ Repairer Details View					✓ ✗
				New Repairer	Export Excel
⇕ Repairer Name	Phone no	EmailId	⇕ Location	Block List	Edit
M/S POWER TE CH TRANSFOR MERS	080-1252566	abc@gmail.com	KENGERI	NO	✎
Enter Repairer N	🔍				

➢ Now click on "New Repairer" button provided on the right top corner of the Repairer view screen.
➢ Following entry screen is displayed for entering the details of the new DTR Repairer.

Repairer Details   Repairer View

☰ Repairer Details			✓ ✗
Repairer Name *	[ ]	Contract Period(in Years)	[ ]
Division *	-Select- ▼	Block Listed	No ▼
Phone Number (with STD Code) *	[ ]	BlockListed Upto	[ ]
Email Id *	[ ]	Register Address *	[ ]
Contact Person Name	[ ]		
Mobile Number	[ ]	Communication Address	[ ]
Fax No	[ ]		

Save   Reset

➢ All the field names are self-explanatory.
➢ Enter relevant data against each field.
➢ By default, the field "Black Listed" will be "NO".
➢ After entry of all the details click on "Save" button.
➢ "Saved successfully" message is displayed confirming that the data is saved.
➢ Click on "OK" button to return to new Repairer entry screen.

➢ User can continue entering any other new repairer details or can proceed to any other module he/she likes to work on provided the user has got rights.

Steps to be followed to modify the details of Repairer:

➢ Login to DTLMS with the username and password.
➢ Click on Masters.
➢ Sub-modules under masters are listed.
➢ Click on "DTR Repairer".
➢ Details of all the DTR Repairer already created are shown in the grid format.
➢ Click on **edit icon** in respect to the repairer whose details are to be modified.
➢ Details of the repairer selected for modification is displayed for making necessary corrections except Repairer name.
➢ If black listed option is changed as "YES" then the date up to which it is black listed has to be entered.
➢ After making necessary changes click on the "Update" button.
➢ "Updated successfully" message is displayed confirming that the changes have been saved.
➢ Click on "OK" button.
➢ If any more changes for other suppliers are to be done, click on Repairer view button and repeat the above steps.

3.7 Store:

• This form is used to capture all the relevant details relating to existing stores in BESCOM.
• Same form can be used whenever new stores are formed.

Steps to be followed to create new Store:

➢ Login to DTLMS with the user name and password.
➢ Click on Masters.
➢ Sub-modules under masters are listed.
➢ Click on "Store". Following screen is displayed showing the details of all stores already created in the grid format.

Store View

Store Name	Location	Mobile No	Incharge Name	Email Id	Edit
RAJAJINAGARA	RAJAJINAGAR,RAJARAJESHWA RINAGARA,KENGERI	9999999999	BESCOM	ABC@GMAIL.COM	✎
Enter Store Name	Enter Location	🔍			

➢ Now click on "New Store" button provided on the right top corner of the Store view screen.
➢ Following entry screen is displayed for entering the data of the new Store.

Create Store

Store Code *		Incharge Name *	
Store Name *		Email Id *	
Division *	-Select- ▼	Mobile *	
Store Description *		Phone No	
		Address *	

Save   Reset

➢ All the field names are self-explanatory.
➢ Enter relevant data against each field. With respect to field "Division" select the relevant division name from the drop down.
➢ After entry of all the details click on "Save" button.
➢ "Saved successfully" message is displayed confirming that the data is saved.
➢ Click on "OK" button to return to new store entry screen.
➢ User can continue entering any other new store details or can proceed to any other module he/she likes to work on.

Steps to be followed to modify the details of store:

➢ Login to DTLMS with the username and password.
➢ Click on Masters.
➢ Sub-modules under masters are listed.
➢ Click on "Store".
➢ Details of all the stores already created are shown in the grid format.
➢ Click on **edit icon** with respect to the store whose details are to be modified.
➢ Details of the store selected for modification is displayed for making necessary corrections **except store code**.
➢ After making necessary changes click on the "Update" button.
➢ "Store details Updated successfully" message is displayed confirming that the changes have been saved.
➢ Click on "OK" button.

3.8 Existing DTR Entry:

This form is used to capture details of all existing distribution transformers (in field, store, transformer bank, repair center).

Steps to be followed to enter existing distribution transformer details:

➢ Login to DTLMS with the username and password.
➢ Click on Masters.
➢ Sub-modules under masters are listed.

➢ Click on "Existing DTR Entry". Following screen is displayed showing the details of all existing DTRs already created in the grid format.

➢ Now click on **edit icon** provided to modify the details of the respective DTR.
➢ Following entry screen is displayed for modifying the data of the existing DTR.

➢ All the field names are self-explanatory.
➢ Enter relevant data against each field. With respect of Transformer make, Capacity, supplier name and Current Location, select the relevant data from the drop down provided.

➢ After entry of all the details click on "Update" button.
➢ "Transformer details updated successfully" message is displayed confirming that the data entered is saved.
➢ Click on "OK" button to return to Existing DTR entry screen.

3.9 New DTR Inward:

This module is used to capture all the details of new transformers received in stores against purchase order placed.

Steps to be followed to enter details of distribution transformer received in stores:

➢ Login to DTLMS with the username and password.
➢ Click on Masters.
➢ Sub-modules under masters are listed.
➢ Click on "New DTR inward entry". Following screen is displayed for entering the details.

➢ To start with Purchase order number against which the transformers are received is to be entered and search button ("S") to be clicked to populate the details. In case PO details are not readily available the same can be selected using search button given against the field. On clicking on the search button "S" following dialogue box is shown. Selection could be done based on the purchase order number or by supplier name.

- In the dialogue box, select the PO number or supplier name from the drop-down provided.
- After selecting the appropriate search field from the drop down, click on search button.
- All the details relating to the search option is displayed in the table form as shown in the above screen shot.
- Now click on the relevant select button.
- Automatically the details of the PO are populated in the entry screen as shown below:

- As could be seen all the details along with the capacity and quantity of transformers ordered and the quantity yet to be supplied is displayed.
- In case of wrong PO selected, click on "Reset" button and repeat the above steps to select the alternate PO.
- After the selection of PO, start entering the new distribution transformer details in the lower part of the entry screen.
- Enter relevant data against the fields provided. With respect to Transformer make and capacity selection has to be done from the drop down.
- After entering the data click on "Add" button given at the bottom of the screen.
- Data entered is shown in the table form as shown in the screenshot below:

DTr Details

Dispatch Instruction Number*	ADB/ASD/010
DTr Code *	
DTr Serial No *	
DTr Make *	--Select--
Capacity(in KVA) *	-Select-

Manufacturing Date *	
DTr Life Span *	
Warrenty Period(in Month)*	
Oil Capacity(in Litre) *	
Weight of DTr(in KG) *	

- ➢ Click on 'DTR view' to view the details.
- ➢ Data relating to new transformer captured is shown in the grid as shown below:

Existing DTR View

Make Name -Select-   Capacity(in KVA) -Select-   Export Excel

Total Transformer Count : 121259

DTR Code	DTR SINo	Make	Capacity(in KVA)	Life Span	Edit
133386	KVK1112011642	KAVIKA	25		✎
133385	NNP133385	No Name Plate(NNP)	25		✎
133388	25201207359	CLASSIC TECHNOLINE S(Ltd)	25		✎
128392	RV2573673	RVT	25		✎
122110	SOT2036201314	SERVOMAX INDIA LIMITED	25		✎

Steps to be followed to edit details of new distribution transformer:

- ➢ Login to DTLMS with the username and password.
- ➢ Click on Masters.
- ➢ Sub-modules under masters are listed.
- ➢ Click on "New DTR inward entry".
- ➢ Click on "DTR View" button provided on right top corner of the screen.
- ➢ All the DTRs available in the store is displayed as shown in the above screen shot.
- ➢ Click on the **edit icon** against the transformer code to be modified.

Following screen is displayed for modifying the details relating to the DTR selected.

- ➢ All the fields can be modified except DTR code.
- ➢ After making necessary corrections click on "Update" button.
- ➢ "Transformer details updated successfully" message is displayed.
- ➢ Click on "OK" button to return to the edit screen with all the details as updated.
- ➢ User can go through all the details that are updated. If necessary, he/she can again edit the data and repeat the above steps to save the changes.
- ➢ If any details of other DTRs are to be edited, click on DTR view button and repeat the above steps.

3.10 DTC Master:

In this master user can view all the details of the DTCs available in the unit he has logged in to with provision to edit the details.

Steps to be followed to view the details of DTCs:

- Login to DTLMS with the username and password.
- Click on Masters.
- Sub-modules under masters are listed.
- Click on "DTC Master".
- Following screen is displayed listing all the DTCs in the unit, feeder wise.

- As could be seen from the above screenshot, all the major details relating to the DTC is displayed Feeder Name wise.
- User can search a particular DTC based on feeder name / DTC code / DTC Name / DTR code by entering the relevant data and clicking on Search Icon.

Steps to be followed to edit details of DTC:

- Login to DTLMS with the username and password.
- Click on Masters.
- Sub-modules under masters are listed.
- Click on "DTC Mater".
- List of all the DTCs are displayed as shown in the above screenshot.
- Click on "Edit" icon provided against required DTC details to be modified.

Following screen is displayed for modifying the details relating to the DTC selected.

Commissioning of Transfromer Centre

Select Feeder	113509-F09-PATTANA-GERI ▼
Transfromer Centre Code *	113509655
Transfromer Centre Name *	NEW KENGERI CETRE
	View Transfromer Centre History
O & M Section *	12311 [S]
Internal Code	
TIMS Code	0
Connected KW	15
Connected HP	25
KWH Reading	0.00
Electrical Inspect Rate number	
Electrical Inspect Date	

DTr Code *	99987
DTr Make	ABB
DTr Capacity(in KVA)	250
Transfromer Centre Commission Date *	01/06/2018
Last Service Date	01/01/2015
Project/Scheme Type	RAPDRP ▼
Feeder Change Date	01/01/2015
MLA Constituency	
MP Constituency	

Commissioning of DTC

Transfromer Centre Code	113509655
Platform Type	SINGLE POLE ▼
Transfromer Centre Meters Available *	Yes ▼
HT Protection	Yes ▼
LT Protection	Yes ▼
Grounding	Yes ▼
Lightning Arresters *	Yes ▼
RAPDRP	Yes ▼
HT Line Length From Station To DTC(in KM)	15
LT Line Length(in KM)	15

Transfromer Centre Name	NEW KENGERI CETRE
Load Type	MIXED LOAD ▼
WDV(In RS)	
Latitude	17.255
Longitude	
Availability OF GOS	Yes ▼
Circuit 1	
Circuit 2	
Circuit 3	
Circuit 4	

[Back] [Save] [Reset]

➢ Except DTC code, DTC name, DTr Code, DTr make and DTr capacity all the other field can be modified.

➢ In this module 2 entry sheets are provided. After necessary modification in the first sheet as shown above, click on "update and continue" button. (In case there are no modifications required in the first sheet user can move on to next page by clicking on "Next" button.

➢ On clicking "update and continue" button "updated successfully" message is displayed.

➢ Click on "OK" button in the message box.

➢ Now next page for modification is displayed.

➢ Make necessary modifications in this page and click on "Update" button to save the changes. In case the user has to go back to the first page click on "Back" button.

➢ "DTC details Saved Successfully" message is displayed.

➢ Now click on "OK" button in the message box.

➢ In case any more DTC details are to be modified, click on "DTC View" button provided at the top right corner of the screen and repeat the above steps.

3.11 PO Master:

- Permission to use this master is vested with Admin only.
- This form is used to update the details of new Purchase Order details, as also edit the details already fed.

Steps to be followed to feed the new purchase order details:

- ➢ Login to DTLMS with the username and password.
- ➢ Click on "Admin Activities".
- ➢ Sub-modules under Admin Activities are listed, click on "Masters".
- ➢ Click on "Purchase Order".

Following screen is displayed listing all the Purchase orders already fed.

⬍ PO No	PO Date	⬍ Supplier Name	Quantity	Edit
p123405	09-APR-2018	IDEA	6	✎
po1	15-MAR-2018	IDEA	1	✎
345	15-MAR-2018	IDEA	1	✎
Enter PO Number	🔍			

Purchase Order View New PO Export Excel

- ➢ Now click on "New" button provided on the right hand top corner of the screen.

Following screen is displayed for entering the details of the new purchase order.

Create Purchase Order   PO View

Create Purchase Order

PO Number*		PO Date*	
Supplier Name *	--Select--	PO Amount	
Delivery Scheduled		Upload Document	Choose File No file chosen

Capacity Details

| Make * | -Select- | Capacity(in KVA) * | --Select-- |
| Quantity * | | Rating * | -Select- Add |

Save   Reset

- ➢ To start with enter all the details of new purchase order. Supplier name has to be selected from the drop down.
- ➢ Then select the make and capacity from the dropdown.
- ➢ Enter quantity and click on the button "Add".

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

- ➢ As could be seen, all the details of the make, capacity and quantity entered is displayed with provision to delete, if any wrong entry is made by clicking on "X" icon.
- ➢ After ensuring the entries made is correct click on "Save" button.
- ➢ "Saved successfully" message is displayed confirming that the data is save.
- ➢ Click on "OK" button to return.
- ➢ Saved data is displayed.
- ➢ If any modifications are to be made in the already entered data, the same could be modified.
- ➢ After modification click on "Update" button provided.
- ➢ "Updated successfully" message is displayed.
- ➢ Click on "OK" button.
- ➢ If some more new purchase order details are to be fed, click on "Reset" button and repeat the above steps.
- ➢ To view the details of all the Purchase Orders placed click on "PO Master View" button provided on right hand top corner.

Steps to be followed to edit details of Purchase Order:

- ➢ Login to DTLMS with the username and password.
- ➢ Click on "Admin Activities".
- ➢ Sub-modules under Admin Activities are listed.
- ➢ Click on Masters and select "Purchase Order".
- ➢ List of all the Purchase Orders are displayed.
- ➢ Click on "Edit" icon provided against Purchase Order details to be modified.
- ➢ Details of the selected Purchase Order are displayed for modification.
- ➢ Except PO Number, Date and PO Amount, all other fields can be modified.
- ➢ Make necessary modifications required.
- ➢ Click on "Update" button.
- ➢ "Updated successfully" message is displayed.
- ➢ Click on "OK" button.

3.12 Feeder Master:

This form is used to view the existing Feeders available in the logged in unit / also Create New Feeders location wise (ex: Zone, Circle, division, subdivision and account unit).

Steps to be followed to View Feeder Master / Create New Feeder details:

- ➢ Login to DTLMS with the username and password.
- ➢ Click on Masters.

➢ Sub-modules under masters are listed.
➢ Click on "FeederMaster".

Following screen is displayed listing all the Feeders available in the logged in unit.

➢ Further the user can view the Feeders available in a particular Division / sub division / accounting unit by entering the relevant details at the top of the entry screen and clicking on "Load" button.
➢ For creating a New Feeder, click on "New Feeder" button provided on right top corner of the screen.

Following screen is displayed for making necessary entries.

➢ All the fields are entered by selecting the relevant item from the drop down. With respect to office code click on search button. A dialogue box is opened for searching the code, check the box for relevant entry and click on "Proceed" button.
➢ After entering the details, click on "Save" button.

- ➢ "Feeder information saved successfully" message is displayed confirming that the information is saved.
- ➢ Click on "OK" button.
- ➢ User can continue entering further new feeder details if any by following the above steps or can click on "Feeder View" to check the entry in the table.

4. Failure / Enhance:

This module is used to report failure of distribution transformer, proposal for enhancing the capacity of DTR, Work Order, Indent, Invoice, Decommissioning and RI approval through following 7 sub modules:

1. Failure Entry.
2. Enhancement.
3. Work Order.
4. Indent.
5. Invoice.
6. Decommissioning.

Process of initiating the failure entry / proposal for enhancement, is vested with Section Officer. All the other options offer only view.

4.1 Failure Entry:

This module can be operated on by the user having Section Officer Role.

Steps to be followed to declare DTR failure:

- ➢ Login to DTLMS with the username and password.
- ➢ Click on Failure / Enhance module provided on the left side panel.
- ➢ Sub-modules under Failure / Enhance are listed.
- ➢ Click on "Failure Entry".

Following screen is displayed listing all the DTCs available in the logged-in unit in the format shown below:

Failure Details View

DTC Code	DTC Name	DTR Code	Make Name	Capacity(in KVA)	Action
113702001	Naraisegowda tc	10130	EL-TRA	200.0000	Declare Failure
113601001	bandamata khb 01	11095	CLASSIC TECHNOLINE S(Ltd)	100.0000	Declare Failure
113606022	H K B (SIRIKE) 22	11072	SHUBHASRI ENTERPRI SES	250.0000	Declare Failure
113601017	bandamata khb 17	11117	ABB	100.0000	Declare Failure

Filter By : View All / Already Created   New   Export To Excel

- ➢ There are 2 radio buttons on the top of the screen, one with the caption "view all" and the other "already created".

➤ By default, "view all" radio button is activated.
➤ When "already created" radio button is enabled, it will list out all the failed DTRs for which Failure details has been created.
➤ In the screen select the DTR to be declared as failed by using the search option given at the bottom of the screen giving any of the parameters and click on search icon / click on "declare failure in respect of the DTR code / by clicking "New" button provided at the top right of the screen.

On clicking the "New" link "Declare Failure" page will open as shown below.

➤ Select the DTC code by clicking on search button or enter the DTC code if known and click on search button.
➤ All the details relating to the selected DTC is automatically populated.
➤ The user has to ensure whether the selection made is correct before proceeding to enter the failure details.
➤ After entering Failure details click on "Save" button.
➤ "DTC failure declared successfully" message is displayed.

➢ Click on "OK" button.
➢ If any more failure is to be declared, click on "Reset" button and repeat the above steps.
➢ Click on "close" button to return to Failure Details view screen.

To view the DTCs failed for which Failure has been created:

➢ Login to DTLMS with the username and password.
➢ Click on Failure / Enhance module provided on the left side panel.
➢ Sub-modules under Failure / Enhance are listed.
➢ Click on "Failure Entry".
➢ Click on radio button "already created".

Following screen is displayed listing all the failed DTCs for which Failure is created:

Failure Details View

≡Failure Details View					⌄ ✕
Filter By : ○ View All ⦿ Already Created				New	Export To Excel
⇕ DTC Code	⇕ DTC Name	⇕ DTR Code	⇕ Make Name	Capacity(in KVA)	Action
113606006	H K B (SIRIKE) 06	11056	RVT	50.0000	🏃View
Enter DTC Code	Enter DTC Name	Enter DTr Code	🔍		

➢ To view the Failure Entry details, user has to click on the icon under the column "'Action", in respect of the required DTC.
➢ User can also select the required DTC by entering the relevant details in the search option provided at the end of the page and clicking on search button.
➢ All the details already fed relating to the failure is displayed. At the bottom of the page "view" button is provided.
➢ Click on "view" button.
➢ "Failure report" of the failed transformer will be displayed.
➢ The report can also be printed by clicking on the print icon available on the top left corner of the web page.

4.2 Enhancement Entry

This module is used when the failed transformer has to be replaced with a higher capacity.

Steps to be followed to propose for enhancement of DTR capacity:

➢ Login to DTLMS with the user name and password.
➢ Click on Failure / Enhance module provided on the left side panel.
➢ Sub modules under Failure / Enhance are listed.
➢ Click on "Enhancement".

Following screen is displayed listing all the DTCs available in the logged-in unit as shown below:

Capacity Enhancement View

DTC Code	DTC Name	DTR Code	Make Name	Capacity(in KVA)	Action
113601001	bandamata khb 01	11095	CLASSIC TECHNOLINE S(Ltd)	100.0000	Declare
113606022	H K B (SIRIKE) 22	11072	SHUBHASRI ENTERPRI SES	250.0000	Declare
113601017	bandamata khb 17	11117	ABB	100.0000	Declare
113601003	bandamata khb 03	11081	ELECTRIC CONSTRUCT ION AND EQUIPMENT C O.LTD	100.0000	Declare

Enhancement Details View — Filter By: ◉ View All ○ Already Created — New | Export To Excel

➤ User can select the required DTC by entering the details in the search option at the bottom of the screen by giving any of the parameters and clicking on search button.

➤ Click on "Declare" button in respect of the desired DTC for which enhancement is to be proposed.

Following screen is displayed showing all the details relating to the DTC. After ensuring that the DTC displayed is the correct selection, enter the date of enhancement and reason for enhancement.

Declare Enhancement

Transfromer Centre Code *	113804024	S
View Transfromer Centre Details		
Transfromer Centre Name	Jnanabharathi Layout TC
Service Date	20/04/2018
Load KW	0
Load Hp	0
Transfromer Centre Commission Date	20/04/2018
DTr Commission Date	23/05/2018
Capacity(in KVA)	100

Section	O&M - RR Layout
DTr Code	38167
View DTr Details	
DTr Make	ABB
DTr Serial Number	npp38167
Capacity Enhanced(in KVA) *	--Select--
Reason *	
Transfromer Centre Reading	
Upload LTVR File	Choose File No file chosen

➤ After entering the data click on "Save" button.
➤ "DTC enhancement declared successfully" message is displayed.
➤ Click on "OK" button.
➤ If any more DTCs are to be declared for enhancement, click of "Reset" button, enter the DTC code and click on search button / click on search button and select from the list.
➤ Repeat the above steps.
➤ To return to capacity enhancement view click on "Close" button provided on the right hand top corner of the screen.

4.3 Work Order:

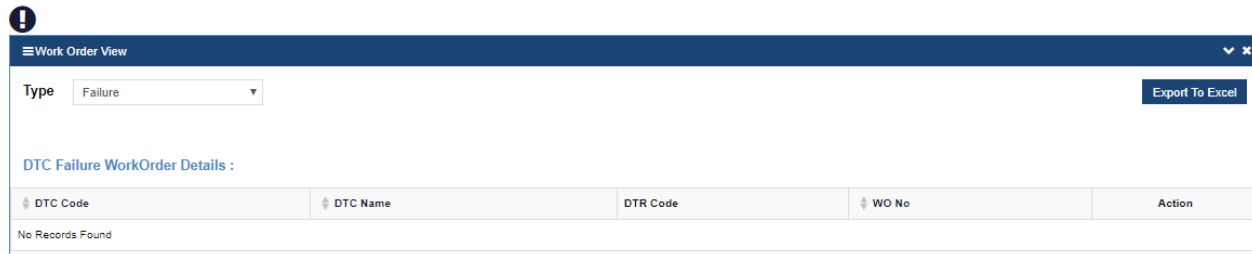In this module work order details relating to failure / enhancement / new DTC can be viewed.

Steps to be followed:

➤ Login to DTLMS with the username and password.
➤ Click on Failure / Enhance module provided on the left side panel.

➢ Sub modules under Failure / Enhance are listed.
➢ Click on "Work Order".

Following screen is displayed as shown below:

Work Order View

➢ User can select the type from the drop down to view the list of work orders created against the type selected.
➢ User can view the required work order by clicking on view icon under action column.
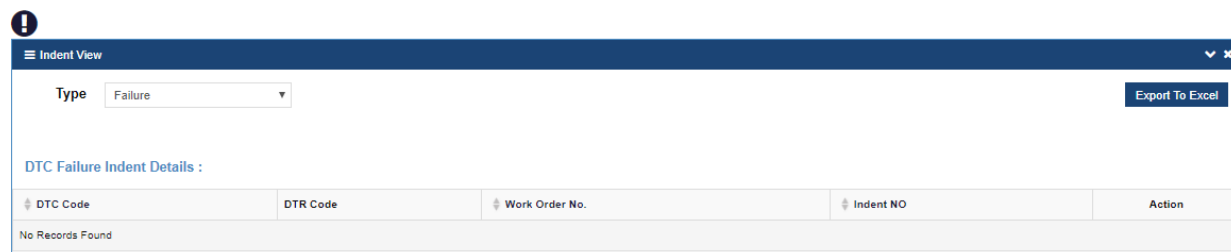
4.4 Indent:

In this module, the user can view all the work orders created with major details like DTC code, DTR code, whether indent is created or not and indent number in a table format. User can view work orders relating to failure / enhancement by selecting the same from the drop down under 'type'.

Steps to be followed:

➢ Login to DTLMS with the username and password.
➢ Click on Failure / Enhance module provided on the left side panel.
➢ Sub-modules under Failure / Enhance are listed.
➢ Click on "Indent".

Following screen is displayed as shown below:

Indent View

➢ To view the indent, click on "view" icon under Action column.
➢ Now click on "view" button at the bottom of the screen.
➢ Actual indent generated is displayed. Hard copy also can be taken by clicking on the print icon.

4.5 Invoice:

In this module, the user can view all the indents created by field officers for which action is to be taken to issue materials.

Steps to be followed:

- ➢ Login to DTLMS with the username and password.
- ➢ Click on Failure / Enhance module provided on the left side panel.
- ➢ Sub modules under Failure / Enhance are listed.
- ➢ Click on "Invoice".

Following screen is displayed as shown below:

Invoice View

- ➢ To view the invoice, click on "view" icon under action column or by entering the parameters at the bottom of the screen and click on search icon. Click on "view" button available at the bottom of the screen to generate invoice in the prescribed format.
- ➢ Invoice can be printed by clicking on the print icon.
- ➢ Click on "Print Gate Pass" to print the same.

4.6 Decommissioning:

In this module, all DTCs for which Invoice is created are shown in grid. User can view / print the details relating to the selected DTC.

Steps to be followed:

- ➢ Login to DTLMS with the username and password.
- ➢ Click on Failure / Enhance module provided on the left side panel.
- ➢ Sub modules under Failure / Enhance are listed.
- ➢ Click on "Decommissioning".

Following screen is displayed as shown below:

Decommissioning Details View

- ➢ User can select Type from drop down [Either Failure or Enhancement DTC].
- ➢ Click on "view" under Action column in respect of the DTC details to be viewed.

➢ If the document is to be printed click on "View", a report is generated which can be viewed / printed by clicking on the print icon.

5. Repairer Management:

This module is used to send failed DTR to Repairer / Supplier, checked whether Repaired or not and Repaired DTR delivers to Store through following 3 sub modules:

1. Fault DTR search.
2. Pending to Test.
3. Pending to Receive.

5.1 Fault DTR Search:

This module can be operated on by the user having Store Keeper role.

Steps to be followed to send failed DTR to Repairer / supplier:

➢ Login to DTLMS with the username and password.
➢ Click on DTR Repairer management module provided on the left side panel.
➢ Sub-modules under DTR Repairer management are listed.
➢ Click on "Fault DTR search".
➢ Click on "Load Fault Transformer".

Following screen is displayed listing all the DTRs available in the logged-in unit in the format shown below:

Select	DTR Code	DTr SINo	Make Name	Capacity(in KVA)	Manf. Date	Sent To Repairer	Guarantee Type	STATUS
☐	1403	23199	SVR	100	01-JAN-2013	0		Already Sent
☐	1423	0319705081	KAVIKA	100	01-MAY-1997	0	AGP	Already Sent
☐	1635	CSK-100/06	No Name Plate(NNP)	100		0		Already Sent
☐	1901	0210003017	KAVIKA	63	01-JAN-2010	0		PENDING
☐	1915	KEL01201592847	KEL	25	01-JAN-2015	0		PENDING

Faulty Transformer Search

Make: --Select--   Capacity(in KVA): --Select--
Store: KOLAR DIVISION   Guarantee Type: Select

Load Fault Transformer   Reset   Export To Excel

➢ User can filter the DTR by selecting Make name and Capacity in dropdown list.
➢ All the details relating to the selected DTR is automatically populated.
➢ Select the DTR code by clicking on check box and click on "click to send for Supplier / Repairer", following page will be displayed.

Fault Transformer Issue　　　　　　　　　　　　　　　　　　　Close

≡ Supplier / Repairer Details

Guarantee Type *	-Select- ▼	Phone	
Type *	-Select- ▼	Address	
Supplier/Repairer *	▼		
Name			

≡ Issue Details

Issue Date *		Invoice No *	181900001
PO No *		Manual Invoice NO	
PO Date *		Select Old PO NO	S
Invoice Date *	13/04/2018	Remarks	

Save　　Reset

≡ Selected Transformer

| DTr Code | S | Make | Load |

DTr Code	Make Name	Capacity(in KVA)	Manf. Date	Purchase Date	Remove
1901	KAVIKA	63	01-JAN-2010		✕

≡ GatePass

Vehicle No *		Challen Number *	
Receipient Name *			

Print GatePass

- User has to select "Guarantee type", i.e. "AGP" (after guarantee period), "WGP" (within guarantee period) or "WRGP" (within repairer guarantee period" and "Type" i.e. Supplier or Repairer from the dropdown.
- Based on Type, user can select Supplier or Repairer, as soon as selecting Supplier / Repairer, their name, Ph no. and address will be displayed.
- Next step is, user should enter Issue date, PO no, PO date, Invoice date and Invoice no. will load automatically.
- Selected Transformer in "Fault DTR search" form will be displayed in "Selected Transformer" as show above.
- User can delete the DTR by clicking on Red symbol (X).
- User can add the DTR by selecting DTR code in DTR Search and clicking on "Load".
- By clicking on "save", user can send DTR to Supplier / Repairer.
- Click on "close" button to return to "Fault DTR search" screen.

5.2 Pending to Test:

This module can be operated on by the user having AEE LT role.

Steps to be followed to Test whether Repaired or not.

- ➢ Login to DTLMS with the username and password.
- ➢ Click on DTR Repairer management module provided on the left side panel.
- ➢ Sub-modules under DTR Repairer management are listed.
- ➢ Click on "Pending to Test".

Following screen is displayed.

- ➢ By selecting Purchase Order and clicking on "Load Pending transformer", Repaired DTRs are displayed.
- ➢ User can filter the DTRs by selecting Repairer, supplier, make and Capacity.

- ➢ Select the DTR by clicking on Check box and click on "Click to Inspect" button to enter test Result.

Following screen is displayed.

- ➤ Store name, purchase Order no., and Issue date is displayed automatically.
- ➤ User should select Tested by, Tested On, and Testing location.
- ➤ And user should click on relevant radio button under testing results column, based on test result and enter Remarks and click on "save".
- ➤ Click on "close" button to return to "Transformer Inspection at repairer" screen.
- ➤ Repeat the above procedure to test different transformers.

5.3 Pending to Receive:

This module can be operated on by the user having Store officer / Store Keeper role.

Steps to be followed to receive pending transformer.

- ➤ Login to DTLMS with the username and password.
- ➤ Click on DTR Repairer management module provided on the left side panel.
- ➤ Click on "Pending to Receive" Sub module.

Following screen is displayed.

- ➤ User can filter the "Testing pass details" and "Pending for Testing details" by selecting Purchase Order no., Supplier and Repairer by Dropdown list.

➢ Click on Receive to receive DTR to store i.e. only passed DTRs are displayed in "Testing pass details" and test pending DTRs are displayed in "Pending for Testing".

Following screen is displayed.

➢ User should enter "Deliver challan no.", "Deliver date" and "Verified by" from dropdown.
➢ Select checkbox of DTRs and click on Receive, DTRs are delivered to Store.
➢ Click on "close" button to return to Transformer Pending screen.

6. Scrap Transformer

This module is used to Declare the DTR as Scrap and action for further disposal.

Following are two sub modules of this main module:

1. Scrap Transformer.
2. Scrap Disposal.

6.1 Scrap Transformer:

This module can be operated on by the user having Store officer / Store Keeper role.

Steps to be followed to Declare the DTR as Scrap:

➢ Login to DTLMS with the username and password.
➢ Click on Scrap Transformer module provided on the left side panel.
➢ Sub-modules under Scrap Transformer are listed.
➢ Click on "Scrap Transformer".
➢ Click on "Load Fault Transformer".

Following screen is displayed listing all the DTRs available in the logged-in unit in the format shown below:

> ➤ User can filter the DTR by selecting Make name and Capacity in dropdown list.
> ➤ All the details relating to the selected DTR is automatically populated.
> ➤ Select the DTR code by clicking on check box and click on "Send for Scrap", following page will be displayed.

> ➤ User has to enter OM No., OM date and Remarks.
> ➤ User can delete the DTR by clicking on Delete symbol (X).
> ➤ User can add the DTR by selecting DTR code in DTR Search and clicking on "Load".
> ➤ By clicking on save, DTR can be declared as scrap.
> ➤ Click on "close" button to return to fault DTR search screen.

6.2 Scrap Disposal:

This module can be operated on by the user having Store officer / Store Keeper role.

Steps to be followed to Dispose scrapped DTR:

> ➤ Login to DTLMS with the username and password.
> ➤ Click on Scrap Transformer module provided on the left side panel.
> ➤ Sub-modules under Scrap Transformer are listed.
> ➤ Click on "Scrap Disposal".

Following screen is displayed

Scrap Entry View

> ➤ Select OM No. by click on search and click on "Load scrap transformer", Scrap entered DTRs are loaded.
> ➤ User can filter the DTRs by selecting "make" in dropdown and "capacity" in dropdown.
> ➤ Select DTR by clicking on checkbox and click on "send to Dispose".

Following screen is displayed.

> ➤ User should enter OM No., amount & Description and Quantity is automatically loaded based on DTRs.
> ➤ User can delete the DTR by clicking on Delete symbol (X).

➢ User can add the DTR by selecting DTR code in DTR Search and clicking on "Load".
➢ By clicking on save, user can disposal the DTRs.
➢ Click on "close" button to return to Scrap Entry view screen.

7.1 Minor Billing.

In this module, all repaired DTRs for which payment needs to be released can be carried out.
Steps to be followed:

➢ Login to DTLMS with the username and password of section officer.
➢ Click on Billing module in the dashboard.
➢ Click on Billing sub-module.
➢ Click on New Billing and select the Estimation Number for which billing needs to be done.
➢ All the details pertaining to the selected Estimation is auto populated. Fill-in the Invoice Number, Date and Invoice Amount. Manual Invoice upload option is provided for convenience.
➢ Click on Save. Saved bill moves for approval to the corresponding officer.
➢ Repeat the steps to initiate billing for other estimations.

Following screen is displayed showing all the details relating to the selection made.

Fig (7.3)

Note: Once Estimation number is selected, all the details pertaining to the estimation are auto

populated.

7.2 Minor Work award

This module can be operated on by the user having Division Office AET Role.
Steps to be followed for initiating Work Order:
- ➢ Login to DTLMS with the user name and password.
- ➢ Click on Billing Module in the Dashboard.
- ➢ Select Minor Work Award submodule.
- ➢ Click on "New Work Award."
- ➢ Select the Work Orders for which Work Award needs to be issued
- ➢ Fill in the parameters as required and press "Save".
- ➢ Work Order is initiated and moves for approval of the corresponding higher officer.

Fig (7.4)

7.3 Major estimation.

In this module, all repaired DTRs for which payment needs to be released can be carried out.
Steps to be followed:
- ➢ Login to DTLMS with the username and password of section officer.
- ➢ Click on Billing module in the dashboard.
- ➢ Click on Major Billing sub-module.
- ➢ Click on New Billing and select the Estimation Number for which billing needs to be done.
- ➢ All the details pertaining to the selected Estimation is auto populated. Fill-in the Invoice Number, Date and Invoice Amount. Manual Invoice upload option is provided for convenience.
- ➢ Click on Save. Saved bill moves for approval to the corresponding officer.
- ➢ Repeat the steps to initiate Major billing for other estimations.

Following screen is displayed showing all the details relating to the selection made.

☰ DTR Billing

Estimation No	Estimation Amount
Estimation Date	
Work Order No	WO Amount
Work Order Date	

☰ Material Cost Details

Fig(7.5)

7.6 Major work award.

This module can be operated on by the user having Division Office AET Role.

Steps to be followed for initiating Work Order:

➢ Login to DTLMS with the username and password of AEE(CO)
➢ Click on Billing Module in the Dashboard.
➢ Select Major Work Award submodule.
➢ Click on "New Work Award."
➢ Select the Work Orders for which Work Award needs to be issued
➢ Fill in the parameters as required and press "Save".
➢ Work Order is initiated and moves for approval of the corresponding higher officer.

☰ Bill Details

Work Order No *		WO Date
WO Amount	Add	Repairer --Select--

☰ Estimation Details

Work Award No	Work Award Date

Save   Reset

Permanent Decommission

Permanent Decommission module is used for the removing the Transformer and Structure permanently .

This module contains
1.Permanent Decommission Entry
2. Permanent Work order

3.Permanent RI
4. Permanent CR

1. Permanent Decommission Entry
   Section officer create the permanent estimation.
   Steps:1.Log in to application-Click on the permanent creation.
   2.Select the DTR/DTC which are have to declare permanent estimation

Following screen will display

Permanent Decomm View

Transfromer Centre Code	Tims Code	Transfromer Centre Name	DTR Code	DTr Slno	Make Name	Capacity(in KVA)	Action
113504202	000000000525	GLOBAL RESIDENCY T C	101940	KVK/08090338	KAVIKA	250	Declare
113504079	111070103199	BDA BSK 6TH STAGE	10899	VVU/ODF	VIJAY VIDYUTH UDYOG H	250	Declare
113505042	111070103493	DS MAX PROPERTIES	32915	ODI-001/09	VIJAY VIDYUTH UDYOG H	500	Declare
113504044	111070103589	K MURALIDHAR AND O THERS	10788	REF005/08	Reliable Electric Compan y	250	Declare
113504152	111070103245	BDA BSK 6TH STAGE	32858	VVU/036	VIJAY VIDYUTH UDYOG H	250	Declare
113505104	111070103779	PRAKASH NEAR NIKITH AH SCHOOL GOLLAHAL LI	18150	KVK/16010200	KAVIKA	250	Declare
113509041	111070103555	BEHINDMONISH CENTE R	10291	NNP10291	No Name Plate(NNP)	250	Declare
113702013	111070103595	BABASABARAPAYA	11189	VVU/009101	VIJAY VIDYUTH UDYOG H	100	Declare
113702015	111070103487	KEMPARAJ B.S.PALYA	11191	VVU/017/05	VIJAY VIDYUTH UDYOG H	63	Declare
114306027	111070103128	DODDABELE COLONY NEW	38128	VVU/010101	VIJAY VIDYUTH UDYOG H	100	Declare
Enter DTC Code	Enter Tims Code	Enter DTC Name	Enter DTr C				

1 2 3 4 5 ... Last

Click on the declare-enter the details-Click on save button.

All other Flows i.e Permanent Work order, Permanent RI, Permanent CR are same as failure flow

7. Maintenance

This module is mainly used to track the maintenance details of the DTR.

Following sub module under this module:

1. Preventive Maintenance.
2. Maintenance

7.1 Preventive maintenance:

This module can be operated on by the user having Section Officer role.

Steps to be followed to entered the maintenance details:

➢ Login to DTLMS with the username and password.
➢ Click on Maintenance module provided on the left side panel.
➢ Sub-modules under Maintenance are listed.
➢ Click on "Preventive Maintenance".

Following screen is displayed listing all the DTRs available in the logged-in unit in the format shown below:

Preventive Maintenance View

Preventive Maintenance View					✕
Filter By : ⦿ Quarterly	○ Half Yearly			New	Export Excel
DTC Name	DTC code	DTR Code	Maintenance Type	Last Service Date	Edit
mailasandra cirole tc	113503002	11361	QUARTERLY	12/01/2018	✏
mailasandra cakadure tc	113503003	10001	QUARTERLY	12/01/2018	✏

➢ There are 2 radio buttons on the top of the screen, one with the caption "Quarterly" and the other "Half yearly".

➢ By default, "Quarterly" radio button is activated.

➢ When 'Half yearly' radio button is enabled, it will list out all the DTRs which are due for half yearly maintenance.

➢ In the screen select the DTC to enter maintenance details by using the search option given at the bottom of the screen giving any of the parameters and click on search icon / click on "Edit in respect of the DTR code / by clicking "New" button provided at the top right of the screen.

➢ On clicking the "Edit" link, "DTC maintenance" page will open as shown below.

➢ Maintenance type is disabled based on "Last service date" whether quarterly or half yearly.

➢ All the details relating to the selected DTC is automatically populated.

➢ The user has to ensure whether the selection made is correct before proceeding to enter the Maintenance details.

➢ After entering maintenance details click on "Save" button.

➢ "Maintenance details saved successfully and display next maintenance date" message is displayed.
➢ Click on "OK" button.
➢ If any more maintenance is to be entered, click on "Reset" button and repeat the above steps.
➢ Click on "close" button to return to maintenance view screen.

7.2 Maintenance:

This module can be operated on by the user having Section officer role.

Steps to be followed to view maintained DTC details and Update the details:

➢ Login to DTLMS with the username and password.
➢ Click on Maintenance module provided on the left side panel.
➢ Sub modules under Maintenance are listed.
➢ Click on "Maintenance".

Following screen is displayed listing all the DTRs available in the logged-in unit in the format shown below:

➢ There are 2 radio buttons on the top of the screen, one with the caption "Quarterly" and the other "Half yearly".
➢ By default, "Quarterly" radio button is activated.

- When "Half yearly" radio button is enabled, it will list out all the DTCs which are half-yearly maintained.
- In the screen, select the DTC to entered maintenance details by using the search option given at the bottom of the screen giving any of the parameters and click on search icon / click on "Edit in respect of the DTC code / by clicking "New" button provided at the top right of the screen.
- On clicking the "Edit" link "DTC maintenance" page will open as shown below.
- User can also enter maintenance details by clicking on New and selecting DTC.

Steps to be followed to edit details of Maintenance:

- Login to DTLMS with the username and password.
- Click on Maintenance.
- Sub modules under Maintenance are listed.
- Click on "Maintenance".
- List of all the Maintained DTCs are displayed.
- Click on "Edit" icon provided against DTC details to be modified.
- Details of the selected DTCs are displayed for modification.
- Except DTC name, DTC code, Maintenance Type Date and DTR code, all other fields can be modified.
- Make necessary modifications required.
- Click on "Update" button.
- "Updated successfully and next Maintenance date" message is displayed.
- Click on "OK" button.

8. Inter Store Transfer

This module is used to Transfer DTRs from one store to another through following 3 sub modules:

1. Store Indent.
2. Store Invoice.
3. Receive Transformer.

8.1 Store Indent:

This module can be operated on by the user having Store Keeper role.

Steps to be followed to requisition for required number of DTR from other store is initiated:

➢ Login to DTLMS with the user name and password.
➢ Click on Inter-Store Transfer module provided on the left side panel.
➢ Sub-modules under Inter-store transfer are listed.
➢ Click on "Store Indent".

Following screen is displayed.

☰ Store Indent View				⌄ ✖
Filter By : ◉ Pending for Invoice ○ Completed Invoice for Indent				New Export Excel
⬍ **Indent Number**	**Indent Date**	**Requested No. of Transformers**	⬍ **To Store**	**View**
11171800329	03-MAR-2018	1	H N PURA	🏃
11171800315	23-FEB-2018	7	ARSIKERE	🏃
11171800310	21-FEB-2018	3	PANDAVAPURA	🏃
11171800309	19-FEB-2018	1	V V MOHALLA	🏃

➢ There are 2 radio buttons on the top of the screen, one with the caption "Pending for Invoice" and the other "completion Invoice for Indent".
➢ By default, "Pending for Invoice" radio button is activated.
➢ When "Completed for Indent" radio button is enabled, it will list out all the Indents for which Invoice has been created.
➢ Now click on "New" button provided on the right hand top corner of the screen.

Following screen is displayed for entering the details of the new Store Indent.

≡ Capacity and Quantity

Capacity *	--Select-- ▼
Quantity*	

Add

Capacity	Quantity	Delete
25	1	✖

≡ Store Indent   ✔

Indent Number*	11171800329	To Store*	H N PURA ▼
Indent date*	03/03/2018	Description*	remarks

➢ To start with enter all the details of new Store Indent.
➢ Then select the make and capacity from the dropdown.
➢ Enter quantity and click on the button "Add".
➢ Detail entered is shown in the grid at the bottom of the screen as shown on the screenshot:
➢ As could be seen, all the details of capacity and quantity entered is displayed with provision to delete, if any wrong entry is made by clicking on "**X**" icon.
➢ Then "To Store" name has to be selected from the dropdown and enter Indent date, Description.
➢ After ensuring the entries made is correct click on "Save" button.
➢ "Saved successfully" message is displayed confirming that the data is saved.
➢ Click on "OK" button to return.
➢ Saved data is displayed.
➢ To view the details of all the store indent placed click on "Close" button provided on right hand top corner.

Following screen is displayed.

Indent View
❗

≡ Store Indent View   ✔ ✖

Filter By :   ○ Pending for Invoice   ◉ Completed Invoice for Indent   New   Export Excel

Indent Number	Indent Date	Requested No. of Transformers	To Store	View
142181900001	03-APR-2018	1	KENGERI	🛠
141171800001	13-MAR-2018	1	R R NAGAR	🛠
Enter Indent No	🔍			

8.2 Store Invoice:

This module can be operated on by the user having Store Keeper role with the approval of Store officer.

Steps to be followed to generate the Invoice for Selected Indent:

- ➢ Login to DTLMS with the username and password.
- ➢ Click on Inter-Store Transfer module provided on the left side panel.
- ➢ Sub-modules under Inter store transfer are listed.
- ➢ Click on "Store Invoice".

Following screen is displayed.

Invoice View

Filter By :	⦿ Pending Indent Request		○ Invoice Raised		

Export Excel

Indent No	Requested No. of Transformers	Pending No. Transformers	From Store	View
142171800004	1	1	R R NAGAR	
Enter Indent No	🔍			

- ➢ There are 2 radio buttons on the top of the screen, one with the caption "Pending Indent Request" and the other "Invoice Raised".
- ➢ By default, "Pending Indent Request" radio button is activated.
- ➢ When "Invoice Raised" radio button is enabled, it will list out all the Invoices for which Invoice has been created.
- ➢ Click on view it will show the fields below shown in snapshot but can't create Invoice.
- ➢ To create Invoice, Store keeper should select the item from the "Approval Inbox" to approve.
- ➢ In Store keeper approval inbox, click on approve button to create Invoice.

Following screen is displayed for entering the details of the new Store Indent.

Store Invoice

Close

☰ Indent Information

Indent Number *	142171800004	Indent Date	27/03/2018
Request From Store	R R NAGAR ▼	Quantity	1

Capacity(in KVA)	Requested No. of Transformers	Pending No. Of Transformers
250	1	1

Invoice Generation

Invoice Number*	142181900002
Remarks*	
Invoice Date*	
DTr Code*	S
	Add

Approve   Reset

GatePass

Vehicle No *	
Challen Number *	
Receipient Name *	

Print GatePass

➢ To start with enter all the details of new Store Invoice.
➢ Then select the Requested Capacity DTR from DTR code search.

Selected DTR is shown in the grid at the bottom of the screen as shown below:

Invoice Generation

Invoice Number*	142181900002
Remarks*	
Invoice Date*	
DTr Code*	S
	Add
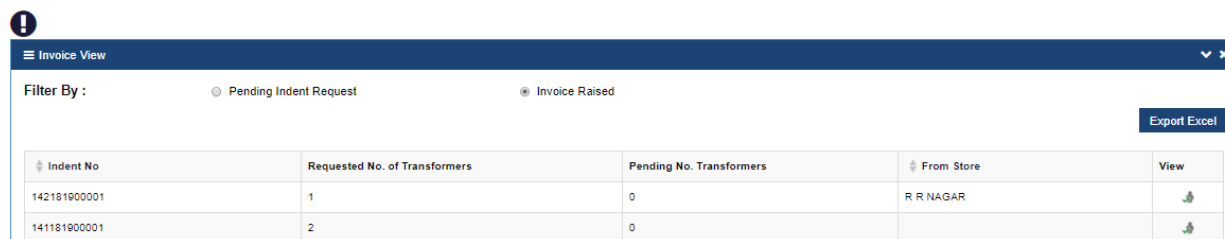
DTr Code	DTr Make Name	Capacity(in KVA)	Delete
11371	No Name Plate(NNP)	100	✖
11364	No Name Plate(NNP)	100	✖

Approve   Reset

➢ As could be seen, all the selected DTRs are displayed with provision to delete, if any wrong entry is made by clicking on "**X**" icon.
➢ After ensuring the entries made is correct click on "Approve" button.
➢ "Approved successfully" message is displayed confirming that the data is saved.
➢ Click on "OK" button to return.
➢ Saved data is displayed.
➢ To view the details of all the store indent placed click on "Close" button provided on right hand top corner.

Following screen is displayed.

Invoice View

Indent No	Requested No. of Transformers	Pending No. Transformers	From Store	View
142181900001	1	0	R R NAGAR	
141181900001	2	0		
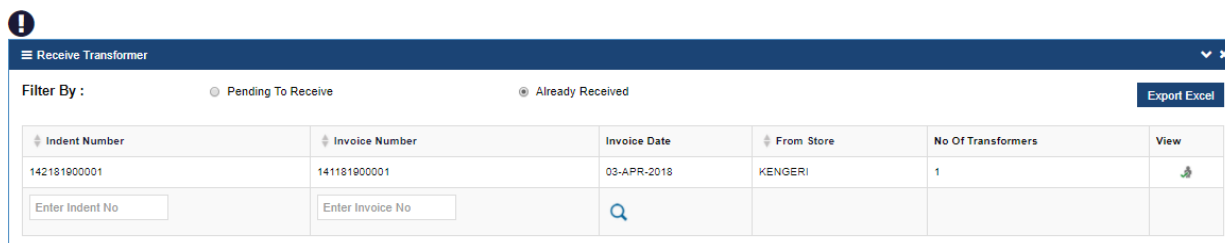
Filter By : ○ Pending Indent Request ◉ Invoice Raised   [Export Excel]

8.3 Receive Transformer:

This module can be operated on by the user having Store Keeper role.

Steps to be followed to Received Transformer to Store:

➤ Login to DTLMS with the username and password.
➤ Click on Inter-Store Transfer module provided on the left side panel.
➤ Sub modules under Inter store transfer are listed.
➤ Click on "Receive Transformer".

Following screen is displayed.

Receive Transformer

Filter By : ○ Pending To Receive ◉ Already Received   [Export Excel]

Indent Number	Invoice Number	Invoice Date	From Store	No Of Transformers	View
142181900001	141181900001	03-APR-2018	KENGERI	1	
Enter Indent No	Enter Invoice No	🔍			

➤ There are 2 radio buttons on the top of the screen, one with the caption "Pending to receive" and the other "Already Received".
➤ By default, "Pending to Receive" radio button is activated.
➤ When "Already Received" radio button is enabled, it will list out all the Invoices against which materials have been received in Store.
➤ In Store keeper approval inbox, click on approve button to Receive transformer.

Following screen is displayed for entering the details.

Receive Transformer   Close

- ➢ To start with enter all the details of Receive DTR to Store.
- ➢ After ensuring the entries made is correct click on "Receive" button.
- ➢ "Received successfully" message is displayed confirming that the data is save.
- ➢ Click on "OK" button to return.
- ➢ Saved data is displayed.
- ➢ To view the details of the entire Received DTR click on "Close" button provided on right hand top corner.

Following screen is displayed.

Receive Transformer

9. Approval

This module is used to give Access Rights to particular Role, assigning approval priority as per the Role for Workflow Purpose through following 3 sub-modules:

1. Access Rights.
2. Approval Priority.
3. Approval Inbox.

9.1 Access Rights:

This module can be operated on by the user having Admin role.

Steps to be followed to give access rights to the forms based on Role:

- ➢ Login to DTLMS with the username and password.
- ➢ Click on "Admin Activities", go to "Approval" sub-module provided.
- ➢ Sub modules under Approval are listed.
- ➢ Click on "Access Rights".

Following screen is displayed.

Access Rights View

- ➢ There are 2 drop downs on the top of the screen, one is "Module name" and the other one is "Roles".
- ➢ Select Module name and Roles from dropdown.

Following Screen is displayed.

Access Rights View

- ➢ User can assign access rights by selecting "module name" and "Roles".
- ➢ User can give rights to create, modify, read only or all by selecting the checkbox.
- ➢ After ensuring the entries made is correct click on "Save" button.
- ➢ "Saved successfully" message is displayed confirming that the data is saved.
- ➢ Click on "OK" button to return.
- ➢ Saved data is displayed.

Steps to be followed to edit details of Access Rights:

- ➢ Login to DTLMS with the user name and password.
- ➢ Click on "Admin Activities".
- ➢ Sub-modules under Admin Activities are listed.
- ➢ Click on "Approval" and click on "Access Rights".
- ➢ Select "module name" and "Role" from the drop-down menu.
- ➢ Details of the selected module and Role are displayed for modification.
- ➢ All Fields can be modified.
- ➢ Make necessary modifications required.

➢ Click on "Update" button.
➢ "Updated successfully" message is displayed.
➢ Click on "OK" button.

9.2 Approval Priority:

This module can be operated on by the user having Admin role.

Steps to be followed for giving the Priority for Role for particular form:

➢ Login to DTLMS with the username and password.
➢ Click on "Admin Activities", select sub-module "Approval".
➢ Sub-modules under Approval are listed.
➢ Click on "Access Priority".

Following screen is displayed.

Priority Mapping

Basic Details

Module Name *   --Select--   Form Name *

Approval Priority

Role Name *   Add

Note : Priority 1 is Creator of Selected Form

Save   Reset

➢ There are 2 drop-downs on the top of the screen, one is "Module name" and the other one is "Form name".
➢ Select Module name, Form name and Role name from drop-down to add.

Following Screen is displayed.

Priority Mapping

Basic Details

Module Name *	Master Entry ▼	Form Name *	Store Master ▼

Creator:STORE OFFICER,STORE KEEPER,AE(TECH)

Approval Priority

Role Name * | STORE KEEPER ▼ | Add

Note : Priority 1 is Creator of Selected Form

Modulename	RoleName	Priority	Delete
Store Master	STORE OFFICER	1	✖
Store Master	STORE KEEPER	2	✖

Save | Reset

> ➢ As could be seen, all the selected Roles are displayed with provision to delete, if any wrong entry is made by clicking on "**X**" icon.
> ➢ After ensuring the entries made is correct click on "Save" button.
> ➢ "Saved successfully" message is displayed confirming that the data is saved.
> ➢ Click on "OK" button to return.
> ➢ Saved data is displayed.

Following screen is displayed.

Priority Mapping

Basic Details

Module Name *	Transformer Failure Entry ▼	Form Name *	Failure Entry ▼

Creator:SECTION OFFICER

Approval Priority

Role Name * | --Select-- ▼ | Add

Note : Priority 1 is Creator of Selected Form

Modulename	RoleName	Priority	Delete
Failure Entry	SECTION OFFICER	1	✖
Failure Entry	SUBDIV OFFICER	2	✖

Update | Reset

Steps to be followed to edit details of Access Rights:

> ➢ Login to DTLMS with the username and password.
> ➢ Click on the module "Admin Activities" and select Approval.
> ➢ Sub modules under Approval are listed.
> ➢ Click on "Access Priority".
> ➢ Select "module name", "form name" and "Role".
> ➢ Details of the selected module, form name and Role are displayed for modification.
> ➢ Make necessary modifications required.

- ➢ Click on "Update" button.
- ➢ "Updated successfully" message is displayed.
- ➢ Click on "OK" button.

9.3 Approval Inbox:

This module can be operated on by the all users.

Steps to be followed to giving the Priority for Role for particular form:

- ➢ Login to DTLMS with the username and password.
- ➢ Click on Approval module provided on the left side panel.
- ➢ Sub-modules under Approval are listed.
- ➢ Click on "My Approval inbox".

Following screen is displayed.

My Approval Inbox

- ➢ There are 3 radio buttons on the top of the screen, one with the caption "Pending for approval", "already approved" and other is "Rejected".
- ➢ By default, "Pending for approval" radio button is activated.
- ➢ When "Already approved" radio button is enabled, it will list out all the approved and modified & approved details.
- ➢ When "Rejected radio button is enabled, it will list out all the Rejected details.
- ➢ By selecting Modify and Approve, User can edit the information entered by other user with comment which is Mandatory.
- ➢ By selecting Approve, User can approve the Record with comment which is Mandatory.
- ➢ By selecting Reject, User can reject the Record with comment which is Mandatory. Rejected Record will be sent back to Approval inbox of the person who created that record.

Following screen is displayed for modified and approving the details.

- User can also view the Approval History by Clicking on View History.

Following screen is displayed.

Approval History

Approver	Created On	Comments
SECTION OFFICER	11-APR-18 01:47 PM	

DTC Code: 113503019   DTC Name: test1   DTr Code: 118758

Work Name : Failure Entry For DTC Code 113503019

Current Status : PENDING WITH SUBDIV OFFICER-

- Click on "close" button to return to Approval inbox screen.
- When "Already approved" radio button is enabled, it will list out all the approved and modified & approved details.

Following screen is displayed.

My Approval Inbox

Subject	Description	Approved By	Approved On	Action Taken	Current Status	Action
Indent Entry	Indent pertaining to DTC Code - 113503024, DTC Name - ban damata khb 04 for Work Order No G/-/4333	SECTION OFFICER	09-APR-2018	APPROVED	APPROVED	
Failure Entry	Failure Entry For DTC Code 11 3503022	SECTION OFFICER	09-APR-2018	APPROVED	APPROVED	

- User can View already approved details by clicking on View Symbol.
- User can also view the Approval history by clicking on "Approval history" symbol.
- When "Rejected" radio button is enabled, it will list out all the Rejected details.

Following screen is displayed.

My Approval Inbox

➤ User can View already approved details by clicking on View Symbol.
➤ User can also view the Approval history by clicking on "Approval history" symbol.

10. Transaction

This module is used to request for an alert when the requested stock is available in particular store, Transformers which are currently available in the store and see the full details / Tracker of particular DTR and DTCs through following 3 sub modules:

1. Stock Alert.
2. Stock status.
3. DTR Tracker.
4. DTC Tracker.
5. DTR Allocation.

10.1 Stock Alert:

Steps to be followed to request for an alert when the requested stock is available in particular store:

➤ Login to DTLMS with the username and password.
➤ Click on Transaction module provided on the left side panel.
➤ Sub-modules under Transaction are listed.
➤ Click on "Stock Alert".

Following screen is displayed for entering the details.

Stock Alert

➤ To get an alert when stock is available, enter the indent number and click on search button ("S") to populate the details of the indent. In case Indent details are not readily available the same

can be selected using search button given against the field. On clicking on the search button "S" following dialogue box is shown. Selection could be done based on the Indent number or by "Indent created by".

Search and Select Indent No

Search By	-- Select Type -- ▼
	-- Select Type --
	Indent Created By
Search Value	Indent Number earch

- ➢ In the dialogue box select the Indent number or Created by from the drop down provided.
- ➢ After selecting the appropriate search field from the drop down, click on search button.
- ➢ All the details relating to the search option is displayed in the table form as shown in the above screen shot.
- ➢ Now click on the relevant select button.

Automatically the details of the Indent No. are populated in the entry screen as shown below:

Stock Alert

Stock Alert	⌄
Indent No *	142421700001	S
Failure Id	1
DTr Capacity(in KVA)	250
	Alert Me When Stock Arrives	Reset

- ➢ The user has to ensure whether the selection made is correct before proceeding.
- ➢ Now click on "Alert me when Stock arrives" button.
- ➢ "Indent Alert Saved successfully" message is displayed.
- ➢ Click on OK button.

10.2 Stock Status:

Steps to be followed, to know the stock of Transformers Currently Available in the store:

- ➢ Login to DTLMS with the username and password.
- ➢ Click on Transaction module provided on the left side panel.

> ➢ Sub-modules under Transaction are listed.
> ➢ Click on "Stock Status".

Following screen is displayed.

STORE NAME	10	15	25	50	63	100	125	150	160	200	250	300	315	400	500	630	750	1000	1250	TOTAL
CENTRAL STORE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHANDAPUR DIVISION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHIKKABALLAPURA DIVISION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHINTHAMANI DIVISION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHITRADURGA DIVISION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAVANAGERE DIVISION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H S R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARIHARA DIVISION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEBBAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIRIYURU DIVISION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HOSKOTE DIVISION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INDRANAGAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JAYANAGARA	0	0	0	0	4	3	0	0	0	1	3	0	0	0	0	0	0	0	0	11

User can search a particular Store based on Store name / Store Location by entering the relevant data and clicking on Search Icon.

10.3 DTR Tracker:

Steps to be followed to see full details of particular DTR:

> ➢ Login to DTLMS with the username and password.
> ➢ Click on Transaction module provided on the left side panel. ⬚ Sub modules under Transaction are listed.
> ➢ Click on "DTR Tracker".

Following screen is displayed.

DTR Tracker

➢ Enter DTR code and click on search button ("S") to populate the details. In case DTR details are not readily available the same can be selected using search button given against the field. On clicking on the search button "S" following dialogue box is shown. Selection could be done based on the DTR code or by "DTR Sl no".

Search and Select TC CODE Details

Search By	DTr Code ▼
Search Value	[_____] Search

➢ In the dialogue box select the DTR code or DTR Sl No. from the drop down provided.
➢ After selecting the appropriate search field from the drop down, click on search button.
➢ All the details relating to the search option is displayed in the table form as shown in the screen shot below.
➢ Now click on the Load button.
➢ Automatically the details of the selected DTR are populated in the screen as shown below.

☰ DTR Tracker ⌄ ✕

DTr Code *	10001 [S]	Type	--Select-- ▼
	View DTr Details	To Date	[_____]
From Date	[_____]		
		Load	Export Excel

☰ DTR Basic Details ⌄ ✕

DTr Sl No	KVK0407020313	DTr Make	No Name Plate(NNP)	Capacity(in KVA)	250
Repair Count	0				

Date	Location	Status	View Details
14-MAR-2018 03:06 PM	SECTION : O&M - Channasandra	DTR FAILURE: 4	🔧
13-MAR-2018 03:22 AM	SECTION : O&M - Channasandra	COMMISSIONED TO DTCCODE : 113503003	🔧
13-MAR-2018 02:57 AM		NEW DTR CREATED	🔧

- User can sort the details by selecting forms from 'Type' Dropdown and can get records for particular range of date by selecting "from date" and "to date".
- User can see the selected DTR details by clicking on "View DTR details".
- User can see the particular record details by clicking on "View" symbol in View Details column.

10.4 DTC Tracker:

Steps to be followed to see full Details of particular DTC:

- Login to DTLMS with the username and password.
- Click on Transaction module provided on the left side panel.
- Sub-modules under Transaction are listed.
- Click on "DTC Tracker".

Following screen is displayed.

- DTC code is to be entered and search button ("S") to be clicked to populate the details. In case DTC details are not readily available the same can be selected using search button given against the field. On clicking on the search button "S" following dialogue box is shown. Selection could be done based on the DTC code or by "DTC Name".

- In the dialogue box select the DTC code or DTC Name. from the drop down provided.

➢ After selecting the appropriate search field from the drop down, click on search button.

➢ All the details relating to the search option is displayed in the table form as shown in the screen shot below.

➢ Now click on the Load button.

➢ Automatically the details of the DTC are populated in the screen as shown below.

DTC Tracker

≡DTC Tracker						⌄ ✕
DTC Code *	113503001	S	Type	--Select-- ▼		
	View DTC Details					
From Date			To Date			
		Load		Export Excel		

≡DTC Basic Details				⌄ ✕
DTC Name	mylsandra bar tc	DTr Code	11395	Connected Load (KW)

Date	Status	DTR Code	View Details
16-MAR-2018 01:22 PM	DTC FAILURE	11395	⬇
15-MAR-2018 01:22 PM	DTC REPLACED WITH NEW DTr Code: 11395	11395	⬇
13-MAR-2018 12:57 PM	DTC FAILURE	11390	⬇

➢ User can sort the details by selecting forms from 'Type' Dropdown and can get records for particular range of date by selecting "from date" and "to date".

➢ User can see the selected DTC details by clicking on "View DTC details".

➢ User can see the particular record details by clicking on "View" symbol in View Details column.

11. Location Masters

Following 8 Sub-modules are available under Location Masters:

1. Zone Master.
2. Circle Master.
3. Division Master.
4. Sub Division Master.
5. Section Master.
6. District Master.
7. Taluk Master.
8. Station Master.

11.1 Zone Master:

• Permission to use this master is vested with Admin only.

• This form is used to create / update the Zone related to BESCOM.

Steps to be followed for creating / updating Circle Master:

- ➢ Login to DTLMS as Admin with the username and password.
- ➢ Click on Admin Activities and click on Location Master.
- ➢ Sub-modules under Location masters are listed.
- ➢ Click on Zone.
- ➢ Following screen is displayed showing the details of all the Zones already created in the grid format.

Zone View

≡ Zone View		⌄ ✕
		New Zone Export Excel

⇕ Zone ID	⇕ Zone Name	Edit
1	BMAZ-SOUTH	✏
2	BMAZ-NORTH	✏
3	BRAZ	✏
4	CTAZ	✏
Enter Zone ID	Enter Zone Name 🔍	

- ➢ For creating New Zone, click on "new Zone" button available on the right top corner of the Zone view screen.
- ➢ On clicking on this button following entry screen is displayed:

Create Zone   Zone View

≡ Create Zone			⌄ ✕
Zone ID *	5	Mobile *	
Zone Name *		Phone *	
Name Of Head *		Address *	

Save   Reset

- ➢ Now enter the Name of the zone, name of Zone Head, Mobile, Phone and Email of the zone in the appropriate text boxes provided against each field name.
- ➢ Now click on "Save button" to save the data.
- ➢ A message "Saved Successfully" is displayed.
- ➢ Now click on "OK" button.
- ➢ In case one more new zone is to be created, repeat the above steps and save.
- ➢ Click on "Zone view" button to see the new Zone created are displayed in the grid.

For modifying the Zone master:

- ➢ Login to DTLMS as Admin with the username and password.
- ➢ Click on Admin Activities and click on Location Master.
- ➢ Sub-modules under Location masters are listed.
- ➢ Click on Zone. Following screen is displayed showing the details of all the Zones already created in the grid format.
- ➢ Click on "edit icon" in respect of the Zone to be edited.

➢ Details already entered is displayed. Now make necessary correction required and click on "Update" button to save the changes.
➢ Zone Code Cannot be edited.
➢ "Updated successfully" message is displayed confirming that the changes made are saved.
➢ Click on "OK" button. The saved data is displayed, so that the user can go through the details and if necessary can make further changes and click on "Update" button.

11.2 Circle Master:

• Permission to use this master is vested with Admin only.
• This form is used to create / update the Circles related to BESCOM.

Steps to be followed for creating / updating Circle Master:

➢ Login to DTLMS as Admin with the username and password.
➢ Click on Admin Activities and click on Location Master.
➢ Sub-modules under Location masters are listed.
➢ Click on Circle. Following screen is displayed showing the details of all the Circles already created in the grid format.

Circle View

➢ For creating New Circle, click on "new Circle" button available on the right top corner of the Circle view screen.
➢ On clicking on this button following entry screen is displayed:

Create Circle

➢ Now enter the Circle Code, Name of the circle, name of Circle Head, Mobile, Phone and Email of the Circle in the appropriate text boxes provided against each field name.
➢ Now click on "Save button" to save the data.
➢ A message "Saved Successfully" is displayed.
➢ Now click on "OK" button.

➢ In case one more new circle is to be created, repeat the above steps and save.

➢ Click on "Circle view" button to see the new Circle created are displayed in the grid.

For modifying the Circle master:

➢ Login to DTLMS as Admin with the username and password.

➢ Click on Admin Activities and click on Location Master.

➢ Sub-modules under Location masters are listed.

➢ Click on Circle. Following screen is displayed showing the details of all the Circle already created in the grid format.

➢ Click on "edit icon" in respect of the Circle to be edited.

➢ Details already entered is displayed. Now make necessary correction required and click on "Update" button to save the changes.

➢ Circle Code Cannot be edited.

➢ "Updated successfully" message is displayed confirming that the changes made, are saved.

➢ Click on "OK" button. The saved data is displayed, so that the user can go through the details and if necessary can make further changes and click on "Update" button.

11.3 Division Master:

• Permission to use this master is vested with Admin only.

• This form is used to create / update the Division Related to BESCOM.

Steps to be followed for creating / updating Division Master:

➢ Login to DTLMS as Admin with the username and password.

➢ Click on Admin Activities and click on Location Master.

➢ Sub-modules under Location masters are listed.

➢ Click on Division. Following screen is displayed showing the details of all the Division already created in the grid format.

Division View

Division Code	Division Name	Edit
341	mysurudiv	✏
122	MALLESHWARM	✏
123	PEENYA	✏
132	JAYANAGAR	✏
141	KENGERI	✏

➢ For creating New Division, click on "new Division" button available on the right top corner of the Division view screen.

➢ On clicking on this button following entry screen is displayed:

Create Division

Division View

≡ Create Division

Circle Name *	--Select-- ▼	Mobile *	
Division Code *		Phone	
Division Name *		Email Id *	
Name Of Head *			

Save   Reset

- ➢ Now enter the Circle Name, Division Code, Name of the Division, name of Division Head, Mobile, Phone and Email of the Division in the appropriate text boxes provided against each field name.
- ➢ Now click on "Save button" to save the data.
- ➢ A message "Saved Successfully" is displayed.
- ➢ Now click on "OK" button.
- ➢ In case one more new Division is to be created, repeat the above steps and save.
- ➢ Click on "Division view" button to see the new Division created are displayed in the grid.

For modifying the Division master:

- ➢ Login to DTLMS as Admin with the username and password.
- ➢ Click on Admin Activities and click on Location Master.
- ➢ Sub-modules under Location masters are listed.
- ➢ Click on Division. Following screen is displayed showing the details of all the Division already created in the grid format.
- ➢ Click on "edit icon" in respect of the Division to be edited.
- ➢ Details already entered is displayed. Now make necessary correction required and click on "Update" button to save the changes.
- ➢ Circle Name and Division Code cannot be edited.
- ➢ "Updated successfully" message is displayed confirming that the changes made, is saved.
- ➢ Click on "OK" button. The saved data is displayed, so that the user can go through the details and if necessary can make further changes and click on "Update" button.
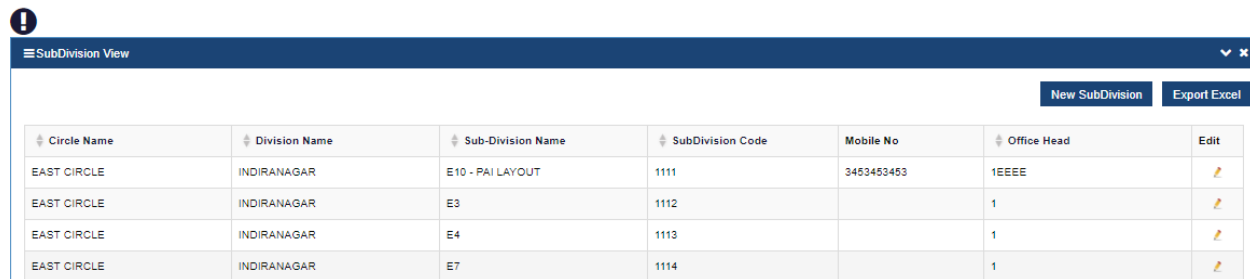
11.4 Sub Division Master:

- • Permission to use this master is vested with Admin only.
- • This form is used to create / update the Sub Division Related to BESCOM.

Steps to be followed for creating /updating Sub Division Master:

- ➢ Login to DTLMS as Admin with the username and password.
- ➢ Click on Admin Activities and click on Location Master.
- ➢ Sub-modules under Location masters are listed.
- ➢ Click on Sub Division. Following screen is displayed showing the details of all the Sub Division already created in the grid format.
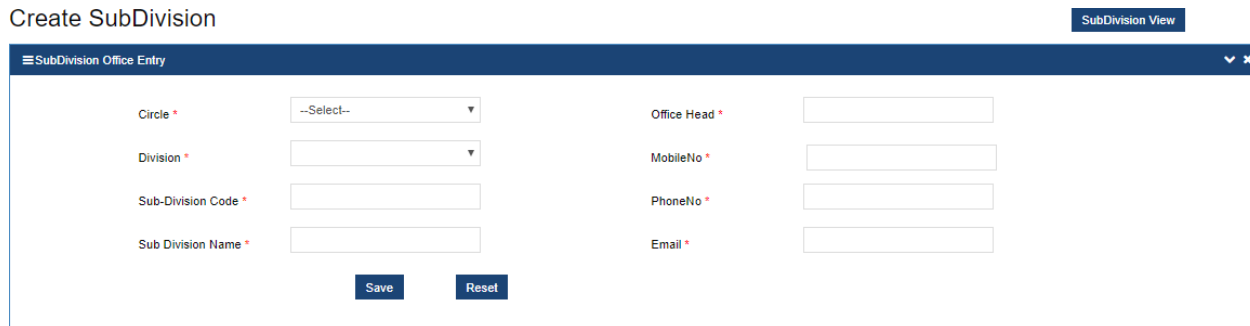
SubDivision View

Circle Name	Division Name	Sub-Division Name	SubDivision Code	Mobile No	Office Head	Edit
EAST CIRCLE	INDIRANAGAR	E10 - PAI LAYOUT	1111	3453453453	1EEEE	✎
EAST CIRCLE	INDIRANAGAR	E3	1112		1	✎
EAST CIRCLE	INDIRANAGAR	E4	1113		1	✎
EAST CIRCLE	INDIRANAGAR	E7	1114		1	✎

New SubDivision   Export Excel

➢ For creating New Sub Division, click on "new Sub Division" button available on the right top corner of the Sub Division view screen.
➢ On clicking on this button following entry screen is displayed:

Create SubDivision   SubDivision View

SubDivision Office Entry

Circle *	--Select--	Office Head *	
Division *		MobileNo *	
Sub-Division Code *		PhoneNo *	
Sub Division Name *		Email *	

Save   Reset

➢ Now enter the Circle Name, Division Name, Sub Div Code, Name of the Sub Division, name of the Head of office, Mobile, Phone and Email of the Sub-division in the appropriate text boxes provided against each field name.
➢ User is allowed to create Subdivision under specific Division and Circle Office.
➢ For Each Subdivision there will be one Office Head.
➢ Subdivision code is a 3-digit code and it must start with code of Circle and division to which the sub-division is attached. [e.g. circle code is 1, division code is 1, subdivision code must start with 11, followed by sub-division code like 111, 112 etc.]
➢ Now click on "Save button" to save the data.
➢ A message "Saved Successfully" is displayed.
➢ Now click on "OK" button.
➢ In case one more new Sub Division is to be created, repeat the above steps and save.
➢ Click on "Sub Division view" button to view the new Sub Division created.

For modifying the Sub Division master:

➢ Login to DTLMS as Admin with the username and password.
➢ Click on Admin Activities and click on Location Master.
➢ Sub-modules under Location masters are listed.
➢ Click on Sub Division. Following screen is displayed showing the details of all the Sub Division already created in the grid format. Click on "edit icon" in respect of the Sub Division to be edited.
➢ Details already entered is displayed. Now make necessary correction required and click on "Update" button to save the changes.

- ➢ Circle Name and div Name, Sub Division Code Cannot be edited.
- ➢ "Updated successfully" message is displayed confirming that the changes made is saved.
- ➢ Click on "OK" button. The saved data is displayed, so that the user can go through the details and if necessary can make further changes and click on "Update" button.

11.5 OM Section Master:

- • Permission to use this master is vested with Admin only.
- • This form is used to create / update the O&M Section Related to BESCOM.

Steps to be followed for creating / updating OM Section Master:

- ➢ Login to DTLMS as Admin with the username and password.
- ➢ Click on Admin Activities and click on Location Master.
- ➢ Sub-modules under Location masters are listed.
- ➢ Click on "OM Section". Following screen is displayed showing the details of all the O&M Sections already created in the grid format.

Section View

- ➢ For creating O&M Section, click on "new OM Section" button available on the right top corner of the OM Section view screen.

On clicking on this button following entry screen is displayed:

- ➢ Now enter the Circle Name, Division Name, Sub Div Code, Name of the Sub Division, OM Code, name of the Head of office, Mobile, Phone and Email of the O&M Section in the appropriate text boxes provided against each field name.
- ➢ User is allowed to create OM Section under specific Sub Division.
- ➢ For Each OM Section there will be one Office Head.
- ➢ OM Section code is a 4-digit code and it must start with Circle, division and sub division code under which the O&M section is attached. [e.g. circle code is 1, division code is 2, subdivision code is 3 and OM Section code is 1231,1232].

- ➢ Now click on "Save button" to save the data.
- ➢ A message "Saved Successfully" is displayed.
- ➢ Now click on "OK" button.
- ➢ In case one more new OM Section is to be created, repeat the above steps and save.
- ➢ Click on "OM Section view" button to see the new OM Section created are displayed in the grid.

For modifying the OM Section master:

- ➢ Login to DTLMS as Admin with the username and password.
- ➢ Click on Admin Activities and click on Location Master.
- ➢ Sub-modules under Location masters are listed.
- ➢ Click on OM Section. Following screen is displayed showing the details of all the OM Section already created in the grid format.
- ➢ Click on "edit icon" in respect of the OM Section to be edited.
- ➢ Details already entered is displayed. Now make necessary correction required and click on "Update" button to save the changes.
- ➢ Circle Name and div Name, Sub Division Name, OM Code Cannot be edited.
- ➢ "Updated successfully" message is displayed confirming that the changes made, is saved.
- ➢ Click on "OK" button. The saved data is displayed, so that the user can go through the details and if necessary can make further changes and click on "Update" button.
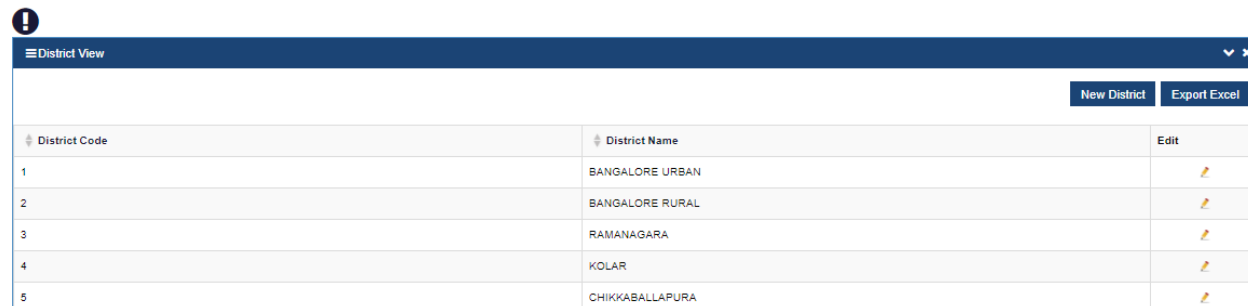
11.6 District Master:

- • Permission to use this master is vested with Admin only.
- • This form is used to create / update the District Related to BESCOM.

Steps to be followed for creating / updating District Master:

- ➢ Login to DTLMS as Admin with the username and password.
- ➢ Click on Admin Activities and click on Location Masters.
- ➢ Sub-modules under Location masters are listed.
- ➢ Click on District. Following screen is displayed showing the details of all the District already created in the grid format.

District View

❶

☰ District View			⌄ ✕
			New District Export Excel
⇕ **District Code**	⇕ **District Name**		Edit
1	BANGALORE URBAN		✎
2	BANGALORE RURAL		✎
3	RAMANAGARA		✎
4	KOLAR		✎
5	CHIKKABALLAPURA		✎

- ➢ For creating New District, click on "new District" button available on the right top corner of the District view screen.

On clicking on this button following entry screen is displayed:

Create District

District View

≡ Create District

| District Code * | 9 |
| District Name * | |

Save   Reset

- Now enter the Name of the District and District code in the appropriate textboxes provided against each field name.
- District Code should be 1 digit.
- Now click on "Save button" to save the data.
- A message "Saved Successfully" is displayed.
- Now click on "OK" button.
- In case one more new District is to be created, repeat the above steps and save.
- Click on "District view" button to see the new District created are displayed in the grid.

For modifying the District master:

- Login to DTLMS as Admin with the username and password.
- Click on Admin Activities and click on Location Masters.
- Sub-modules under Location master are listed.
- Click on District. Following screen is displayed showing the details of all the District already created in the grid format.
- Click on "edit icon" with respect to the District to be edited.
- District code cannot be edited.
- Details already entered is displayed. Now make necessary correction required and click on "Update" button to save the changes.
- "Updated successfully" message is displayed confirming that the changes made, is saved.
- Click on "OK" button. The saved data is displayed, so that the user can go through the details and if necessary can make further changes and click on "Update" button.

11.7 Taluk Master:

- Permission to use this master is vested with Admin only.
- This form is used to create / update the Taluk Related to BESCOM.

Steps to be followed for creating / updating District Master:

- Login to DTLMS as Admin with the username and password.
- Click on Admin Activities and click on Location Masters.
- Sub-modules under Location masters are listed.
- Click on Taluk. Following screen is displayed showing the details of all the Taluk already created in the grid format.

Taluk View

❶

☰ Taluk View			⌄ ✕
			New Taluk Export Excel
⇅ District Name	⇅ Taluk Code	⇅ Taluk Name	Edit
BANGALORE URBAN	11	BANGALORE SOUTH	✎
BANGALORE URBAN	12	BANGALORE NORTH	✎
BANGALORE URBAN	13	BANGALORE EAST	✎
BANGALORE URBAN	14	ANEKAL	✎
BANGALORE RURAL	21	NELAMANGALA	✎

> ➢ For creating New Taluk, click on "new Taluk" button available on the right top corner of the Taluk view screen. On clicking on this button following entry screen is displayed:

Create Taluk   Taluk View

Create Taluk	⌄ ✕
District Name *	---Select--- ▼
Taluk Code *	[ ]
Taluk Name *	[ ]
	Save Reset

> ➢ Now enter the Name of the Taluk and Taluk code in the appropriate text boxes provided against each field name.
> ➢ Taluk Code should be 2-digit.
> ➢ Now click on "Save button" to save the data.
> ➢ A message "Saved Successfully" is displayed.
> ➢ Now click on "OK" button.
> ➢ In case one more new Taluk is to be created, repeat the above steps and save.
> ➢ Click on "Taluk view" button to see the new Taluk created are displayed in the grid.

For modifying the Taluk master:

> ➢ Login to DTLMS as Admin with the username and password.
> ➢ Click on Admin Activities and click on Location Masters.
> ➢ Sub-modules under Location master are listed.
> ➢ Click on Taluk. Following screen is displayed showing the details of all the Taluk already created in the grid format.
> ➢ Click on "edit icon" in respect of the Taluk to be edited.
> ➢ Taluk code cannot be edited.
> ➢ Details already entered is displayed. Now make necessary correction required and click on "Update" button to save the changes.
> ➢ "Updated successfully" message is displayed confirming that the changes made, is saved.
> ➢ Click on "OK" button. The saved data is displayed, so that the user can go through the details and if necessary can make further changes and click on "Update" button.
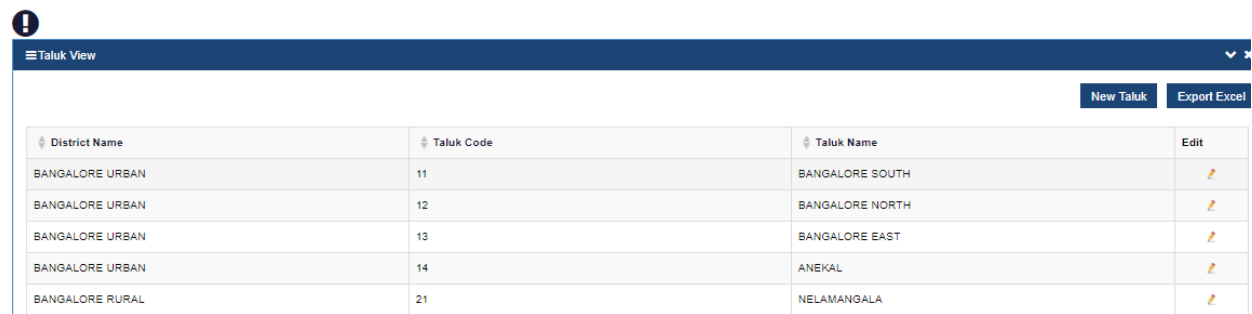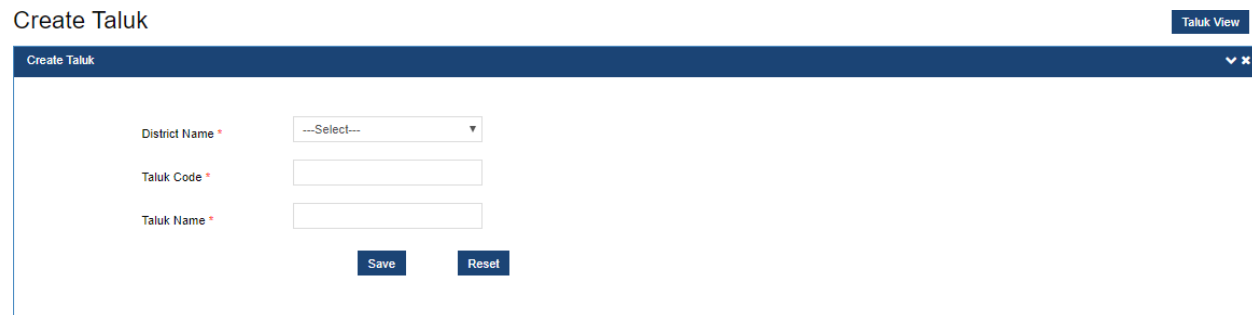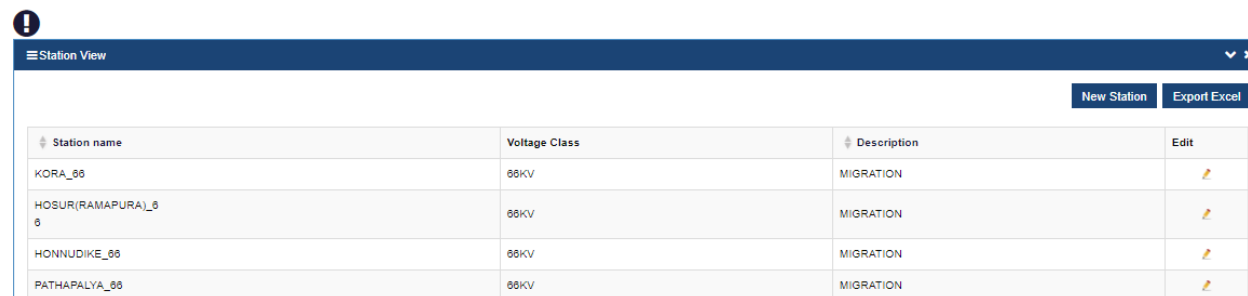
11.8 Station Master:

- Permission to use this master is vested with Admin only.
- This form is used to create / update the Station Master of BESCOM.

Steps to be followed for creating / updating Station Master:

- ➢ Login to DTLMS as Admin with the username and password.
- ➢ Click on Admin Activities and click on Location Masters.
- ➢ Sub-modules under Location masters are listed.
- ➢ Click on Station. Following screen is displayed showing the details of all the Station already created in the grid format.
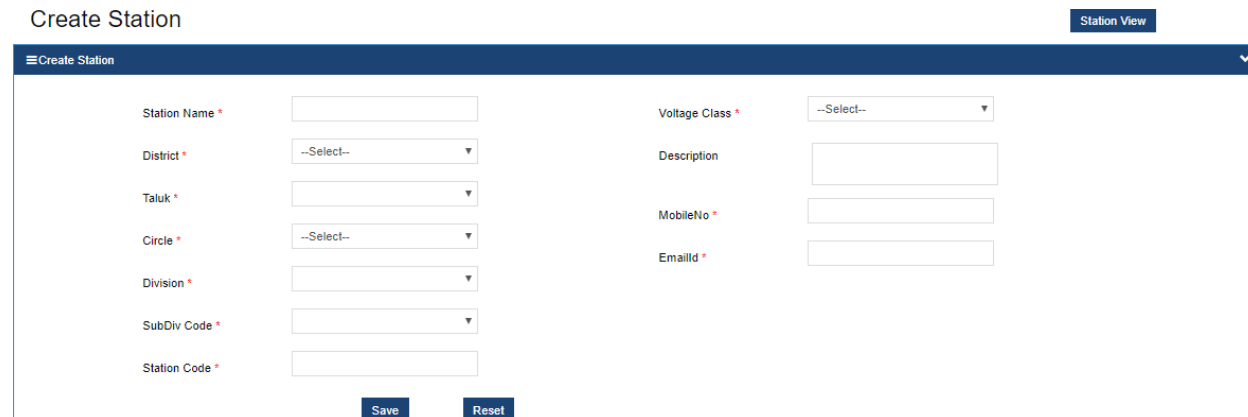
Station View

Station name	Voltage Class	Description	Edit
KORA_66	66KV	MIGRATION	✎
HOSUR(RAMAPURA)_66	66KV	MIGRATION	✎
HONNUDIKE_66	66KV	MIGRATION	✎
PATHAPALYA_66	66KV	MIGRATION	✎

New Station   Export Excel

- ➢ For creating New Station, click on "new Station" button available on the right top corner of the Station view screen. On clicking on this button following entry screen is displayed:

Create Station   Station View

Field		Field	
Station Name *		Voltage Class *	--Select--
District *	--Select--	Description	
Taluk *			
Circle *	--Select--	MobileNo *	
Division *		EmailId *	
SubDiv Code *			
Station Code *			

Save   Reset

- ➢ Now enter the Name of the Station and Station code in the appropriate text boxes provided against each field name.
- ➢ District Code should be 3-digit.
- ➢ User is allowed to create Station under Zone, Circle, Division or Subdivision.
- ➢ Station name must be unique for selected office Code.
- ➢ Now click on "Save button" to save the data.
- ➢ A message "Saved Successfully" is displayed.
- ➢ Now click on "OK" button.

- ➢ In case one more new Station is to be created, repeat the above steps and save.
- ➢ Click on "Station view" button to see the new Station created are displayed in the grid.

For modifying the Station master:

- ➢ Login to DTLMS as Admin with the username and password.
- ➢ Click on Admin Activities and click on Location Masters.
- ➢ Sub-modules under Location master are listed.
- ➢ Click on Station. Following screen is displayed showing the details of all the Station already created in the grid format.
- ➢ Click on "edit icon" in respect of the Station to be edited.
- ➢ Details already entered is displayed. Now make necessary correction required and click on "Update" button to save the changes.
- ➢ "Updated successfully" message is displayed confirming that the changes made, is saved.
- ➢ Click on "OK" button. The saved data is displayed, so that the user can go through the details and if necessary can make further changes and click on "Update" button.

12. Reports

Following 11 Sub-modules are available under Report module:

1. DTR Report.
2. DTC Report.
3. DTC Failure Report.
4. Abstract Report.
5. Status of Failed TC.
6. DTC Added Report.
7. Register Abstract Report.
8. Repairer Performance.
9. Make-wise Report.
10. Repairer-wise Report.
11. Failure Replacement Timeline.

12.1 DTR Report

Steps to be followed to see full details of particular DTR:

- ➢ Login to DTLMS with the username and password.
- ➢ Click on Report module provided on the left side panel.
- ➢ Sub-modules under Report are listed.
- ➢ Click on "DTR Report".

Following Screen will be displayed.

➢ User can generate the Report for particular "DTR make" and "Capacity" by selecting in dropdown and clicking on "Generate Report" button.

➢ Report will be generated as shown below.

12.2 DTC Report

Steps to be followed to see full details of particular DTC:

➢ Login to DTLMS with the username and password.
➢ Click on Report module provided on the left side panel.
➢ Sub modules under Report are listed.
➢ Click on "DTC Report".

Following Screen will be displayed.

➢ User can generate the Report for particular "Feeder Name" and "Project/Scheme Type" by selecting in dropdown and clicking on "Generate Report" button.

➢ Report will be generated as shown below.

12.3 DTC Failure Report

Steps to be followed to see full details of particular DTR:

➢ Login to DTLMS with the username and password.
➢ Click on Report module provided on the left side panel.
➢ Sub-modules under Report are listed.
➢ Click on "DTC Failure Report".

Following Screen will be displayed.

➢ User can generate the Report "Pending/Completed Failure Details", "DTR Work Order Details" "Failure Abstract", "Frequently Failing DTCs" by selecting the appropriate filters provided and clicking on "Generate Report" button.

➢ Report will be generated accordingly.

12.4 Abstract Report

Steps to be followed to see full details of particular DTR:

➢ Login to DTLMS with the username and password.
➢ Click on Report module provided on the left side panel.
➢ Sub-modules under Report are listed.
➢ Click on "Abstract Report".

Following Screen will be displayed.

➢ User can generate the Report "Failure Abstract Report", "CR Abstract" "CR Details" by selecting the appropriate filters provided and clicking on "Generate Report" button.
➢ Report will be generated accordingly.

12.5 Status of Failed TC Report

Steps to be followed to see full details of particular DTR:

➢ Login to DTLMS with the username and password.
➢ Click on Report module provided on the left side panel.

➢ Sub-modules under Report are listed.
➢ Click on "Status of Failed TC".

Following Screen will be displayed.

➢ User can generate the Report for particular "Zone Name" and "Circle Name" and "Division" by selecting in dropdown and clicking on "Generate Report" button.
➢ Report will be generated as shown below.

Similarly, user can generate Transformer Centers Added Report, Register Abstract Report, Repairer Performance Report, Make wise Report, Repairer wise Report, Detailed Report, Enumeration Report, and Failure Replacement Timeline report. User can generate user specific reports by filling out the filters provided.

13.   Operational Reports:

The Reports are Used to Generate the Specific Reports which is Useful for the Operation Department.

The Reports are as Below:
1. Capacity Wise Report.
2. Buffer Stock.
3. Failed Details.
4. Repair Center Details.
5. Repairer Cost Details.

1.Capacity Wise Report:
The Capacity Wise Report has Sections as Below:
A. Distribution Transformers.
B. Distribution Transformers Failed.

Distribution Transformers:
Steps:

➢   Login to DTLMS with the username and password.

➢   Click on Operational Report module provided on the left side panel.

➢   Sub-modules under Report are listed.

➢   Click on "Capacity Wise". Following Screen will be displayed

➢ User can generate the Report for particular "Zone Name" and "Circle Name" and "Division" and Report Type by selecting in dropdown and From Date and To Date clicking on "Generate Report" button.

➢ Report will be generated as shown below.

Sl.no	Division Name	10 KVA		15 KVA		25 KVA		50 KVA		63 KVA		100 KVA		125 KVA		150 KVA		160 KVA	
		U	R	U	R	U	R	U	R	U	R	U	R	U	R	U	R	U	R
1	INDIRANAGAR	0	0	0	0	0	4	0	0	6	119	20	362	0	0	0	0	0	0
2	SHIVAJINAGAR	0	0	0	0	14	1	0	0	254	40	882	86	0	0	0	0	0	8
3	VIDHANA SOUDHA	0	0	0	0	0	0	0	0	12	10	29	15	0	0	0	0	0	0
4	WHITEFIELD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	TOTAL - CIRCLE : EAST CIRCLE	0	0	0	0	14	5	0	0	272	169	931	463	0	0	0	0	0	8
6	HEBBALA	0	0	14	0	189	74	1	0	356	46	1205	169	1	0	1	0	1	
7	JALAHALLI	0	0	0	5	9	18	0	1	58	61	181	515	0	2	0	0	0	
8	MALLESHWARAM	0	0	0	0	0	1	0	1	2	187	16	535	0	0	0	1	0	
9	PEENYA	0	0	0	0	0	7	0	0	0	67	0	524	0	1	0	0	0	
10	TOTAL - CIRCLE : NORTH CIRCLE	0	0	14	5	198	100	1	2	416	361	1402	1743	1	3	1	1	1	
11	TOTAL - ZONE : BMAZ-NORTH	0	0	14	5	212	105	1	2	688	530	2333	2206	1	3	1	1	9	
12	HSR LAYOUT	0	0	1	7	12	28	0	2	151	593	705	1801	0	1	0	1	1	
13	JAYANAGAR	0	0	0	0	1	10	0	0	189	756	521	1113	0	0	0	0	1	
14	KORAMANGALA	1	0	0	0	5	1	0	0	296	135	1264	270	0	0	0	0	3	
15	TOTAL - CIRCLE : SOUTH CIRCLE	1	0	1	7	18	39	0	2	636	1484	2490	3184	0	1	0	1	5	
16	KENGERI	0	0	0	201	0	503	0	1	14	186	41	934	0	0	0	0	0	
17	RAJAJINAGAR	0	1	0	0	4	16	0	1	59	331	145	625	0	0	0	0	0	
18	RAJARAJESHWARINAGARA	0	0	0	0	0	1	0	1	151	232	207	446	0	2	0	0	0	
19	TOTAL - CIRCLE : WEST CIRCLE	0	1	0	201	4	520	0	3	224	749	393	2005	0	2	0	0	0	
20	TOTAL - ZONE : BMAZ-SOUTH	1	1	1	208	22	559	0	5	860	2233	2883	5189	0	3	0	1	5	
21	HOSAKOTE	0	0	3	5	472	4156	0	3	379	2045	490	1144	0	0	0	0	1	
22	NELAMANGALA	0	0	2	26	511	7835	0	2	329	2227	603	1752	0	0	0	0	3	
23	TOTAL - CIRCLE : BANGALORE RURAL CIRCLE	0	0	5	31	983	11991	0	5	708	4272	1093	2896	0	0	0	0	4	
24	CHIKKABALLAPURA	0	0	9	44	775	13654	0	12	398	4087	298	1954	0	2	0	0	1	
25	CHINTHAMANI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	KGF	0	0	1	25	197	10392	0	6	107	4194	63	2670	0	0	0	0	1	
27	KOLARA	0	0	0	30	0	7175	0	3	0	3531	0	1722	0	1	0	1	0	
28	TOTAL - CIRCLE : KOLAR CIRCLE	0	0	10	99	972	31221	0	21	505	11812	361	6346	0	3	0	2	1	

Distribution Transformers Failed:
Steps:

➢ Login to DTLMS with the username and password.

➢ Click on Operational Report module provided on the left side panel.

➢ Sub-modules under Report are listed.

➢ Click on "Capacity Wise". Following Screen will be displayed

≡DISTRIBUTION TRANSFORMERS FAILURE ❗

Zone	--Select-- ▼	Circle	▼
Division	▼	To Date	
From Date			

Generate Report

➢ User can generate the Report for particular "Zone Name" and "Circle Name" and "Division" by selecting in dropdown and From Date and To Date clicking on "Generate Report" button.

➢ Report will be generated as shown below.

Bangalore Electricity Supply Company Ltd,(BESCOM)
DIVISION WISE AND CAPACITY WISE DISTRIBUTION TRANSFORMERS FAILED

Sl.no	Division Name	10/15/25 kVA		50/63/75 kVA		100/160 kVA		200/250 kVA		300/400/500 kVA		Above 500 kVA	
		U	R	U	R	U	R	U	R	U	R	U	R
1	SHIVAJINAGAR	0	0	0	0	0	0	6	0	1	0	0	0
2	VIDHANA SOUDHA	0	0	0	0	0	0	4	2	1	0	0	0
3	TOTAL - CIRCLE : EAST CIRCLE	0	0	0	0	0	0	10	2	2	0	0	0
4	HEBBALA	1	0	2	0	18	5	22	1	2	0	0	0
5	JALAHALLI	1	0	0	0	0	19	3	16	1	0	0	0
6	MALLESHWARAM	0	0	0	0	0	0	0	4	0	1	0	0
7	PEENYA	0	0	0	1	0	24	0	41	0	5	0	0
8	TOTAL - CIRCLE : NORTH CIRCLE	2	0	2	1	18	48	25	62	3	6	0	0
9	TOTAL - ZONE : BMAZ-NORTH	2	0	2	1	18	48	35	64	5	6	0	0
10	HSR LAYOUT	0	0	0	1	1	5	19	25	0	2	0	0
11	JAYANAGAR	0	0	0	0	0	0	1	1	0	0	0	0
12	KORAMANGALA	0	0	0	0	4	1	11	1	1	1	0	0
13	TOTAL - CIRCLE : SOUTH CIRCLE	0	0	0	1	5	6	31	27	1	3	0	0
14	KENGERI	0	16	1	4	0	83	3	77	0	0	0	0
15	RAJAJINAGAR	0	0	0	0	0	2	0	4	0	0	0	0
16	RAJARAJESHWARINAGARA	0	0	0	0	0	5	2	17	0	2	0	0
17	TOTAL - CIRCLE : WEST CIRCLE	0	16	1	4	0	90	5	98	0	2	0	0
18	TOTAL - ZONE : BMAZ-SOUTH	0	16	1	5	5	96	36	125	1	5	0	0
19	NELAMANGALA	6	31	6	35	11	45	1	1	0	0	0	0
20	TOTAL - CIRCLE : BANGALORE RURAL CIRCLE	6	31	6	35	11	45	1	1	0	0	0	0
21	CHIKKABALLAPURA	0	56	3	73	4	48	0	0	0	0	0	0
22	KGF	0	72	2	138	0	136	0	4	0	0	0	0
23	KOLARA	0	135	0	192	0	145	0	11	0	0	0	0
24	TOTAL - CIRCLE : KOLAR CIRCLE	0	263	5	403	4	329	0	15	0	0	0	0
25	CHANDAPURA	0	41	0	58	0	104	0	8	0	0	0	0
26	KANAKAPURA	11	102	12	69	10	35	3	0	0	0	0	0
27	MAGADI	5	27	0	29	2	19	0	1	0	0	0	0
28	TOTAL - CIRCLE : RAMNAGAR CIRCLE	16	170	12	156	12	158	3	9	0	0	0	0
29	TOTAL - ZONE : BRAZ	22	464	23	594	27	532	4	25	0	0	0	0
30	CHITRADURGA	0	1	0	0	0	0	0	0	0	0	0	0
31	DAVANAGERE	0	4	0	15	0	12	0	0	0	0	0	0
32	HARIHARA	0	16	2	13	1	10	0	1	0	0	0	0

2.Stock Status:

The Stock Status Display the Details of the Transformers in the Stores.

Steps:

➢ Login to DTLMS with the username and password.

➢ Click on Operational Report module provided on the left side panel.

➢ Sub-modules under Report are listed.

➢ Click on "Stock Status". Following Screen will be displayed

≡STOCK ⊕

Generate Report

➤ User can generate the Report by clicking on "Generate Report" button.
➤ Report will be generated as shown below.

Bangalore Electricity Supply Company Limited
(Wholly owned by Government of Karnataka)
BESCOM

Stock Status Circle Wise

		25	75	160	250	500	Total
BANGALORE RURAL CIRCLE	HOSAKOTE	209	78	9	1	0	297
	NELAMANGALA	249	85	7	1	0	342
	Total	458	163	16	2	0	639
DAVANAGERE CIRCLE	CHITRADURGA	313	207	143	6	0	669
	DAVANAGERE	221	181	105	32	3	542
	HARIHARA	424	455	330	3	0	1212
	HIRIYUR	471	291	164	10	1	937
	Total	1429	1134	742	51	4	3360
EAST CIRCLE	INDIRANAGAR	0	0	0	0	0	0
	VIDHANASOUDH	0	0	1	0	0	1
	Total	0	0	1	0	0	1

3.Failed Details:
The Failed Details Report is Used to Display the OB Details.
Steps:

➤ Login to DTLMS with the username and password.
➤ Click on Operational Report module provided on the left side panel.
➤ Sub-modules under Report are listed.
➤ Click on "Failed Details".
➤ User can generate the Report for particular "Zone Name" and "Circle Name" and "Division" by selecting in dropdown and By Selecting the Month and clicking on "Generate Report" button.

≡DISTRIBUTION TRANSFORMERS ❗

Zone	--Select-- ▼		Circle	▼
Division	▼		Month*	

Generate Report

➢ Report will be generated as shown below.

Bangalore Electricity Supply Company Limited
(Wholly owned by Government of Karnataka)

Transformer failure Details for the month May-2019

			FAILED	OBCOUNT	REPLACED	TOBEREPL	Total
1-BMAZ-SOUTH	11-SOUTH CIRCLE	111-JAYANAGAR	6	5	0	2	13
		112-KORAMANG	9	5	0	19	33
		113-HSR LAYOU	28	28	0	53	109
		Total	43	38	0	74	155
	12-WEST CIRCLE	121-RAJAJINAG	1	9	0	6	16
		122-RAJARAJES	4	29	0	26	59
		123-KENGERI	58	133	7	177	375
		Total	63	171	7	209	450
	Total		106	209	7	283	605

4.Repair Center Details:
Steps:

➢ Login to DTLMS with the username and password.
➢ Click on Operational Report module provided on the left side panel.
➢ Sub-modules under Report are listed.
➢ Click on "Repair Center Details".
➢ User can generate the Report for particular "Zone Name" and "Circle Name" and "Division" by selecting in dropdown and clicking on "Generate Report" button.

❶ DTR Repairer Center Details Report

☰ DTR Repair Center Details Report

Zone   --Select-- ▾

Circle   ▾

Division   ▾

Generate Report   Reset

➢   Report will be generated as shown below.

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Bangalore Electricity Supply Company Limited
(Wholly owned by Government of Karnataka)
BESCOM

Statement showing the details of Repair center and its jurisdiction on Item wise rate contract basis under BESCOM jurisdiction.

SL.NO	Circle	Transformer Repair Location	Name of the Awarded firm	RCO No & Date	
1	RAMNAGAR CIRCLE		M/S DURGADEVI INDUS	121	5/30/2018 12:00:00
2	RAMNAGAR CIRCLE		M/S DURGADEVI INDUS	131	5/30/2018 12:00:00
3	RAMNAGAR CIRCLE		M/S DURGADEVI INDUS	141	5/30/2018 12:00:00
4	RAMNAGAR CIRCLE		M/S DURGADEVI INDUS	151	5/30/2018 12:00:00

4.Repairer Cost Details:
Steps:

➢   Login to DTLMS with the username and password.

➢   Click on Operational Report module provided on the left side panel.

➢   Sub-modules under Report are listed.

☰ DISTRIBUTION TRANSFORMERS ❶

Zone   --Select-- ▾   Circle   ▾

Division   ▾   To Date

From Date

Generate Report

➢   Click on "Repairer Cost Details".

➢   User can generate the Report for particular "Zone Name" and "Circle Name" and "Division" by selecting in dropdown and clicking on "Generate Report" button.

➢   Report will be generated as shown below.

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Bangalore Electricity Supply Company Limited
(Wholly owned by Government of Karnataka)

Monthwise Repaired and cost incurred details As on02-07-2019

			REPAIREDCOUNT			COSTINCURRED		
			MAJOR	MINOR	Total	MAJOR	MINOR	Total
1- BMAZ-SOUTH	11- SOUTH CIRCLE	111- JAYANAGAR	0	0	0.00	0	0	0.00
		112- KORAMANGAL	0	0	0.00	0	0	0.00
		113- HSR LAYOUT	0	0	0.00	0	0	0.00
		Total	0.00	0.00	0.00	0.00	0.00	0.00
	12- WEST CIRCLE	121- RAJAJINAGAR	0	0	0.00	0	0	0.00
		122- RAJARAJESH	0	0	0.00	0	0	0.00
		123- KENGERI	0	77.00	77.00	0	1,083,348.35	1,083,348.35
		Total	0.00	77.00	77.00	0.00	1,083,348.35	1,083,348.35
	Total		0.00	77.00	77.00	0.00	1,083,348.35	1,083,348.35