



Power Grid

The Client

Power Grid Corporation of India Limited [POWERGRID] is a state-owned utilities company. Being regarded as one of the world's largest transmission companies, Power Grid has its headquarters located in Gurugram, India. Its vision is to make inroads into emerging power markets resulting in safety and affordability. This project documentation covers the internal workflow starting from giving permissions to electric lines to building new substations.

👍 CHALLENGE 1



Document Storage :

Power Grid has got its own engineering departments to handle their customer requirements. There are 2 categories; one is Transmission Line (TL) and the other is Substation. Each substation is divided into Civil and Electrical works involving a number of activities such as architecture, designing and drawings. However, Power Grid has got no medium to Upload / Validate / Store the drawings. Manually, they have to scan big drawings and store, which is almost impossible.

Solution :

Alfresco's Document Management System (DMS) has got powerful features such as Advanced Search, Data Management, Content Categorization, Document Versioning, Library Services, and so on. By making use of such features and with the help of dedicated expertise from its Alfresco engineers, Taashee Linux Services was able to implement integrated workflows resulting in resolving the issues successfully.



👍 CHALLENGE 2

Vendor Management :

Power Grid receives numerous profiles from vendor prospects on a regular basis with respect to various projects / tenders. The concerned Project Officer [PO] finds it tedious to accept / reject a project based upon their qualifications and prerequisites. Also, it is not possible to analyze which profile has been accepted and when.

Solution :

At Taashee, we have created a dashboard for the PO to view and make changes desired to the profiles submitted by the vendors. It offers a single-point access to the administrators allowing them to quickly have a look at the number of profiles accepted and rejected. Moreover, the access could be transferred temporarily to another administrator who performs the role of PO in the interim.

Actions performed :

- ✓ *Approve / Reject a document*
- ✓ *View the status of documents*
- ✓ *Update the details of documents*
- ✓ *Suspend / Delete a document*



PowerGrid

Login | Welcome to PowerGrid

localhost:9090/PowerGrid/approvedocumentplanner.grid

पावरग्रिड

Home > Document Planner Approval

Approve Selection Export Data

Show 10 entries Search:

Structure Type	Drawing Name	Drawing Type	Meta-KV	KV	Stations	Status	Drawing	Docs	Remarks	actions
1 Reactor	Design Review	NA	KV-MVAR-MAKE	220-45-dyt	ABDULLAPUR, AIZWAL(132)	Approved	DZNR	1		✓
2 PLCC & Communication	GTP for Coupling device	NA	KV	220	ABDULLAPUR, AIZWAL(132)	Approved	DSCD	1		✓
3 Levelling FGL	Spot Levels in excel format	NA	KV	765	ABDULLAPUR, AIZWAL(132)	Approved	SLE	1		✓

Showing 1 to 3 of 3 entries

Save Changes

Previous 1 Next

Dashboard

Vendor Mapping

Change RTN Team

RTNs

Reports

CHALLENGE 3

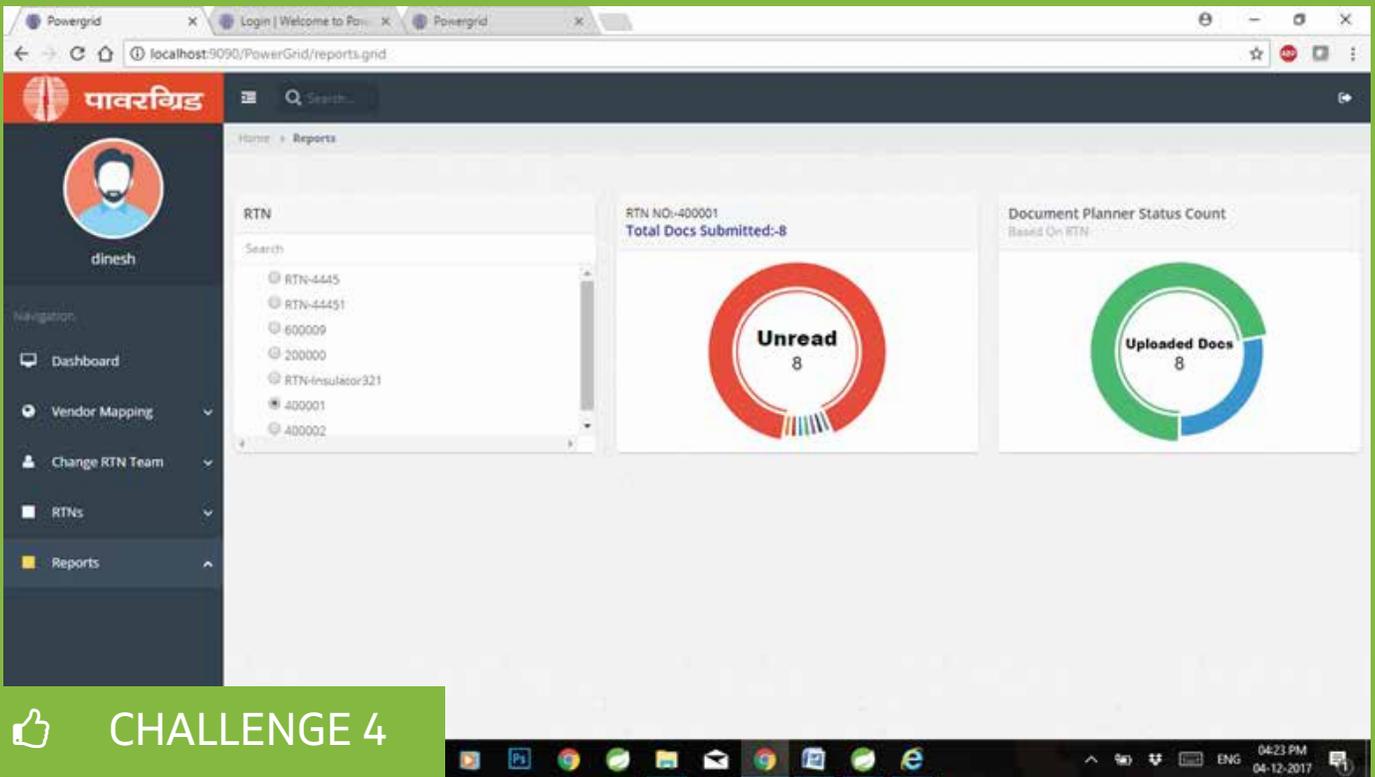
File Revision :

Power Grid has a complex system of validating files that were rejected. There is no scope to revise the documents uploaded by the vendors. It resulted in forwarding erroneous documents as valid resulting in major issues thereafter. The coordinators could not upload revised and updated documents again, which were got rejected earlier for any reason.

Solution :

Taashee's Alfresco engineers took complete care of the issue by making sure that the File Revision process was handled in an effective manner. As a result:

- ✓ Revised documents were uploaded successfully
- ✓ Proper tracking of documents with revised history
- ✓ Successful uploading of the documents rejected earlier



CHALLENGE 4

Report Tracking :

Power Grid administrators experienced a huge void with respect to the tracking of the number of documents submitted for a specific period of time. The failure to perform an exhaustive analysis upon the documents resulted in a deep widening gap between the organization and potential vendors.

Solution :

Taashee designed a comprehensive view of the reports depicted in the order of their submission and status. For instance, the total number of documents submitted for that specific site has been made clearly visible for quick reference. The number of documents uploaded too were displayed exactly as the way they are with the help of a document planner.

GET IN TOUCH

Please let us know about your requirements by contacting us at the earliest.

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