

Making informed decisions on the go

User-friendly mobile app for a Power sector client

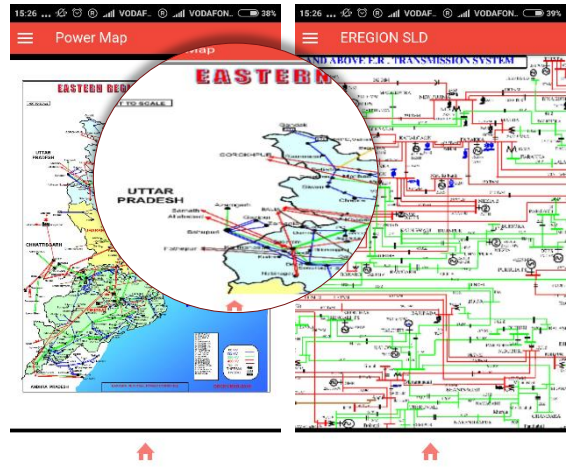
About the client and needs

About the client

The client is a regional power committee responsible for facilitating the integrated operations of the power system in that region – power generators, power transmitters, power distributors, load dispatchers, all combined. Its role involves operational planning, coordination, and mediation among the power system participants.

The client's challenges

With the increase in market participants and volume of power handled, the client's executives needed operational data more frequently and in a useful manner. The executives wanted to get a holistic view of the entire regional grid in a way that they could take informed decisions. Additionally, they needed this information at their fingertips at any place, and any time – be it in office or while travelling.



PwC's solution to address the client's needs

PwC's approach and client benefits

PwC worked with the client very closely to understand the problem statement. The client team had considerable raw data on its legacy system and unstructured Excel files. PwC helped the client to structure the information and also build a common storage point for the important data. PwC also worked with the client to articulate this solution and make it accessible through a mobile app.

About the mobile app

This mobile app provides information on the regional power sector such as power maps, SLD, Generator details, important transmission system elements, and power supply position of the region. It also provides an indicative snapshot of various commercial accounts of the power committee. Latest shutdowns, important schemes and other essential operational data are also available. Care has been taken to make the app user-friendly and provide further information going forward.

Development of this app has been undertaken within the Digital India mission of the Government of India.

This mobile app can run on both Android and iOS platforms using extracted data from the system. This helped the client team to view all periodic Commercial & Operational data as well as historical information and draw some much-needed graphical analysis and comparisons.

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