

G.PULLAREDDY ENGINEERING COLLEGE (AUTONOMOUS): KURNOOL

IEEE STUDENT BRANCH (STB15721)

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Sub: Report on Technical Tour to 765/400kV Power Grid Corporation Of India Limited, Orvakal reg....

IEEE Student Branch organised an industrial visit to 760/440 kV Power Grid under **IEEE WIE AG Chapter**. The main objective of this visit is to provide students with an opportunity to learn practically through interaction and also that helps them in gaining the knowledge regarding power grids and its functionality. A total of 72 students (40 IEEE and 32 Non IEEE) and 4 professionals visited the power grid sight.

DESCRIPTION OF THE VISIT

During the visit the entire IEEE GPREC team was accompanied by Mr.Rama Krishnam Raju Testing Engineer. Before the start brief introduction about single line diagram of substation was given and then the process of transmission was also explained. Later all the students were taken to yard. Mr.Rama krishnam raju briefly explained about transformers and its failures, Circuit Breakers and its functionalities, feeders ,control room and its workings, Busbars, and oil filling system. He also clarified all the queries of students about grid failures and transmissions.

