

MYANMAR ELECTRIC POWER ENTERPRISE

challenges made easy using AVEVA Bocad

RYYM Engineers Pvt Ltd is one of India's leading telecommunication and transmission tower detailers. The company designs and details microwave and power transmission towers, and a range of other industrial steel erections, including conveyor structures and monopole towers. RYYM Engineers uses AVEVA Bocad™ on many of its projects.

Ravi, Director, RYYM Engineers, had a lot to share on how the company has been using AVEVA Bocad to deliver such varied and sophisticated projects. According to Ravi, "AVEVA Bocad is the best of the 3D software solutions. Using AVEVA Bocad, we can successfully erect any structure, because the model is a true representation of the as-built structure. AVEVA Bocad produces error-free fabrication and construction outputs that are easily modified in the later stages of a project, which is a great benefit."

Key Project

Myanmar Electric Power Enterprise, a valued client of RYYM Engineers, is operated and managed under the auspices of the government of Myanmar. RYYM Engineers was working on one of their projects for a 230 kV river-crossing suspension tower Direct Current transmission line.

The towers and pylons are a common feature of many engineering projects, but, their unique characteristics require design tools and functions optimised for their efficient creation. AVEVA Bocad Tower™ simplified this process for the client. Modelling a tower in imperial units with pointed cross-arms, and tower peaks with different shapes, was a challenging job, but, it was made easy through the use of AVEVA Bocad.

The key advantage AVEVA Bocad brought was that the client was able to deliver the error-free drawings to the fabricator, and this resulted in fault-free erection at the site. For any client, customer satisfaction is a top priority, and by providing the error-free drawings and avoiding the wastage of materials, AVEVA Bocad helped to keep to the agreed schedule set by RYYM.

Implementation of AVEVA Bocad

Another important feature of such tools is their relative ease of use, and AVEVA Bocad scores exceptionally well in this area. RYYM trained its team on AVEVA Bocad for three weeks and it proved to be quite easy to learn and very user friendly. Apart from the exemplary features of the product, AVEVA has a highly-qualified support team, also in terms of the local development and customisation.

Over the years, RYYM Engineers has become one of the country's leading detailers. "Our aim is to be recognised as a world-class tower-detailing company; and we believe that AVEVA Bocad will play an integral role in supporting us in achieving our vision," concluded Ravi.