



## TOWERS INDIA ENGINEERS, CHENNAI

### AVEVA Bocad supports for tower design

**T**owers India Engineers is one of the leading detailing service providers for Transmission Line Towers, Telecommunication Towers, and substation and allied structures. With an engineering office in Chennai, and supported by an excellent team having more than 28 years of experience in this field, they provide professional services to Indian and major clients globally. Director, P. Gomathi Shankar; D. Hariharan and S. Sarath Babu, Aveva Bocad users in Towers India Engineers, shared how the company has been using AVEVA Bocad™ to deliver varied and sophisticated projects.

#### Why AVEVA Bocad?

“Even though we at Towers India Engineers were more than capable of delivering the structures in both, 2D and 3D, most of our client’s mandate was that we use AVEVA Bocad Tower™” claimed Shankar. “So this is a requirement actually coming from the industry.

Also, we quickly saw that there are major driving factors here with using AVEVA Bocad, including reduction in errors, coupled with 100 per cent quality output; these ultimately save considerable man hours as well as reducing the fabrication, planning, QA, QC and trail assembly (prototype model).”

He continued, “In the transmission & distribution industry, it is very important to deliver error free drawings in 2D. But, an expert detailer is required to detail a transmission tower in 2D, whereas AVEVA Bocad Tower™ is an exceedingly sophisticated piece of software, provides solutions in the transmission tower construction industry for detailing transmission tower and allied structures in 3D.”

#### Benefits Gained with AVEVA Bocad

*Shankar went on to specify further product benefits that have helped Tower India Engineers. These included:*

- Correct fitment of members
- Avoidance of material wastage
- Time saved in prototype assembly
- Manual entry in CNC is automated in AVEVA Bocad
- Manual errors in CNC avoided
- Plate and bar nesting saves Materials for manufacturers

Apart from these traditional benefits, Shankar concluded, “One of the main advantages for Towers India Engineers in using AVEVA Bocad has been the involvement of AVEVA’s excellent technical support team, who provide timely support and guidance to our users. Also, training on the product is relatively easy; even with minimal 2D drafting knowledge, training can be achieved in a couple of weeks.” ■