

Worldwide Distributor of Simulation Software Specialized in Electrotechnics.

Wishes to appoint

## **A Technical Support Engineer in Power Systems**

### Company

PWSIM, the Indian subsidiary of POWERSYS, distributes EMTP-RV simulation software and provides associated services (studies, courses, workshops, trainings) in the field of electrical networks. EMTP-RV is the world leader simulation software for power system transients and is used as a reference tool by the main actors of the power system industry (EDF, RTE, Hydro-Québec and many others). It is suited for a wide variety of power system studies whether they relate to project, design and engineering, or to solving problems and unexplained failures. Saber is a proven platform for modeling and simulating physical systems, enabling full-system virtual prototyping for applications in analog/power electronics, electric power generation/conversion/distribution and mechatronics.

The headquarter of PWSIM is located in France with subsidiaries in the United States and in Canada. Our goal is to strengthen the customer's knowledge by supplying the best software for power systems studies as well as delivering customized studies, trainings and courses.

With the prospect of our worldwide development and presence abroad, we wish to appoint a Technical Support Engineer in Electrical Networks who will be member of the technical team in India (Chennai).

### Job description

#### Main missions:

In support to the Country Sales Manager:

- Technical lobbying of EMTP RV software
- Ensure the liaison between the software users and the software developers
- Provide technical customer support (before and after sales), training and counselling
- Technical representation at conferences or during events

#### Secondary missions:

- Realize electrical network studies with the help of power systems simulation software (EMTP-RV):
  - Analysis of transmission and distribution networks (power distribution, short-circuits, harmonic analysis...)
  - Transient studies (electromechanical stability, engine start-up...)
  - Insulation coordination, lightning studies...
  - Renewable energy connection (wind power, solar power...)

### Requirements

- B.E / B.Tech in Electrical Engineering with ideally a Masters in Electrical Networks / Power Systems
- Familiar with power system modeling software, techniques, analysis and methodologies
- Knowledge of EMTP-RV software would be appreciated
- Knowledge and understanding of electrical power system engineering concepts
- 2 to 5 years of relevant experience required (2 professional references required)
- European / Global exposure in past jobs appreciated
- Willingness to travel within India
- Excellent verbal communication skills
- Excellent writing skills (complete engineering reports to meet the customer's requirements)
- Fluency in English
- Strong organizational and multi-tasking skills

### Particulars

- Location: Chennai
- Starting date: immediate
- Path: 1 to 3 months training, 6 months' probation, permanent position
- Salary: Competitive
- Contact: [recrutement@powersys.fr](mailto:recrutement@powersys.fr)