

Company/lab name: Iberdrola

Company/lab website:

www.iberdrola.com/
www.neoenergia.com

Name of the Project:
**Demand and Capacity
Solutions**

Duration / Location: 12 weeks / Brazil

Area: New Business

Company/Lab Description:

Iberdrola is a multinational group leading the energy sector: the company produces and supplies electricity to some 100 million people in the countries in which it operates. Furthermore, **the company has become the leader in clean energy** — Iberdrola is the first renewable producer amongst European utilities and the cleanest power company in the USA, with almost zero emissions—, **it is pioneering the rollout of smart grids and has an energy storage capacity in excess of 4 GW.** In anticipation of the energy transition, Iberdrola has committed to sustainable solutions that require greater **electrification of the global economy:** more clean energy, more storage capacity, more backup power, more and smarter grids, and **more digitization.** **Neoenergia**, part of Iberdrola Group, **is a Brazilian electricity company**, leader in Latin America and the biggest Brazilian distribution company (considering the numbers of clients), it serves more the 13 millions clients in five different states (São Paulo, Mato Grosso do Sul, Bahia, Recife e Rio Grande do Norte), across its 585,000 km² concession area.

Project Description and Goals:

- Work with engineers team to develop a system, based in statistical data analysis, to predict demand of the services in the field, providing a better solution to allocate the crews according the capacity available.
- Evaluate the crews logistic, duties, skills to attend the different demands required.
- Understand the distribution electricity process, and create the best model, based in mathematical tools, to allocate crews “**online**” to maximize the efficiency.
- Keep up with current and developing engineering trends;
- Contribute to continuous improvement activities.

Intern Role Description: Involvement in strategic projects, ensuring improvements in quality and efficiency process.

Profile: Skills & Experience Pre-required: Business Administration Degree/Engineer in progress, Microsoft Office, Fluent in English and / or Spanish, Systemic vision, Innovation and be proactive.