

**Company/lab name:** Iberdrola

**Company/lab website:**

[www.iberdrola.com/](http://www.iberdrola.com/)  
[www.neoenergia.com](http://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 km<sup>2</sup> concession area.

## Project Description and Goals:

Develop the most advanced technologies to make the grid self connected, implementing the state of art of solutions to minimize outages in 15-34 KV systems through self healing studies.

To study and understand the electricity distribution grid providing solutions to improve the quality of distributed energy.

Work with engineers team to develop and implement new technologies to make the grid more intelligent and efficient, using automation systems, telecommunications systems and solutions for energy quality.

Evaluate the prioritization of these types of technology x cities, considering the best results.

Keep up with current and developing engineering trends;

**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.