



## **Instrumentation Engineer ( Energy Management )**

### **Job Description**

Crowley Carbon, a rapidly growing energy services firm, is seeking a highly motivated candidate to work in our headquarters in Powerscourt House, Enniskerry. This is a unique opportunity for anyone looking to enter into or further their career in the rapidly growing energy services field. This person will have the opportunity to work at the forefront of the energy efficiency implementations under our energy performance contracts. The Controls Engineer will work within our Solutions Design team and grow professionally in a fun, hardworking and team oriented start-up environment.

The position will suit an Electrical Engineer with experience in the area of Energy Management and in the emerging IoT (Internet of Things) field. The candidate must be comfortable working with and providing technical leadership and guidance to customers and subcontractors. The role will require designing the EMS solution through to onsite commissioning, with an emphasis on providing the Measurement & Verification(M&V) plan for the project engineering work that is carried out. Additionally the candidate must gain a detailed understanding the the sites processes and the data captured so energy efficiency insights can be obtained.

### **Role & Responsibilities:**

- Detailed design and development of the EMS solution to meet customer requirements

- Network design, meter selection, liaise with electrical subcontractors and suppliers
- Identify all sources of useful data on a site with systems integration possibilities (SCADAs, PLCs, BMSs etc.)
- Produce relevant drawings, schedules and documentation
- Installation and Commissioning

**Knowledge, Skills & Experience:**

- Display a strong background in electrical engineering, ideally with a degree or apprenticeship in Electrical / electronic Software Engineering
- Understanding of energy consumption in industrial environments
- Understanding of LANs, IP addressing, network equipment and wireless technology
- Knowledge of communication protocols used for device and systems integration in the field of energy management and IoT
- Some data analysis experience is desirable