



CARL CHANG

CONTACT

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EDUCATION

June 2009

Doctor of Philosophy: Mechanical Engineering

National Central University,
Taoyuan City

June 2004

Master of Science: Mechanical Engineering

National Central University,
Taoyuan

PROFESSIONAL SUMMARY

Deputy Director with over 10 years of experience in EV charging issue and PV power conversion and expansive background in harmonization of standards, establishment of testing capacity. Leads organizational effectiveness by personality traits, professional techniques and knowledge, experience of project management professional, managing departmental operational functions and supervising staff. Provides oversight of business goals, alignment of goals to support mission and performance toward goals.

WORK HISTORY

October 2017 - Current

Deputy Director, TERTEC, Taoyuan

- Assist government to harmonize international standard and to establish the testing capacity for the power conversion device of renewable energy and electric vehicle, such as PV inverter, EV charging station, ESS power conditioning system.
- Undertakes many industrial research projects on power, electrical, electronics, energy, environmental and chemical fields commissioned by industries to provide the best support for upgrading the industrial technology and product quality.

July 2010 - September 2017

Senior Engineer, TERTEC, Taoyuan

- Undertake the government projects for planning testing capacity for EV charger and harmonization of the testing standards.
- Assist to set up the rule of the Renewable Energy Certificate for PV generation in Taiwan.

SKILLS

- Development for standards and testings of EV charger, PV inverter, renewable energy device, and household appliance, etc.
- Mechanical engineering.
- Electrochemical techniques and analysis.
- Micro Electro-Mechanical System.