



# EDISON F. GARCIA, Registered Electrical Engineer

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Address: Brgy. 10 San Miguel, Sarrat, Ilocos Norte  
Phone: +639192266219  
Email: [edisonfgarciaree@gmail.com](mailto:edisonfgarciaree@gmail.com)

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## **CAREER OBJECTIVE**

To pursue a career through my knowledge and skills in the field of electrical engineering and to bring development in any achievable ways.

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## Personal Information

Age	:	31
Date of Birth	:	April 1, 1992
Place of Birth	:	Laoag City Philippines
Civil Status	:	Single
Height	:	170 cm
Weight	:	85 kg
Religion	:	Roman Catholic
Citizenship	:	Filipino

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## **WORK EXPERIENCES**

### **Northern Foods Corporation (January 2015 – April 2015)**

Production Aide

Performed as machine operator

### **Ilocos Norte Electric Cooperative – BAGGAK MULTI-PURPOSE COOPERATIVE (May 2015- June 2016)**

Substation Tender – Tangaoan Substation (April 2015 – August 2016)

Performed Data Analysis for distribution lines

## **Engel Anlagen Technik Phils., Inc. (June 2017 – September 2018)**

Project Engineer/Site Engineer

Project Name/Code: Pfister Feeder, Waste Air Fan and MCC Rooms (Holcim Philippines, Inc)

### **Electrical and Process Control Equipment**

- Pfister Feeder
  - Installation/Termination of Local Isolation Switch for different process motor.
  - Termination of Pfister Panel for Control system of process motors.
  - Installation of Equipment Grounding
  
- Waste Air Fan
  - Installation of VFD Panel and waste air fan Motor.
  - Installation of cable trays
  - Cable pulling
  - Termination
  - Installation of Equipment Grounding
  
- MCC Room
  - Installation of lightings, C.O, ACU, Fire alarm System, Emergency lights, and Emergency signage.
  - Installation of building groundings.

Project Name/Code: LG-PM4 (Rotopacker, Palletizer, different Equipment motors)

### **Electrical and Process Control Equipment**

- Medium Voltage Distribution
  - Installation of 2MVA 4160v/440v Transformer 3 phase dry type transformer replace to their existing 1.8MVA Transformer 3 phase.
  - Retrofitting's of existing MVSG, CT, PT, terminal blocks/Test Blocks, protection relay.
  - Meggering of Cable before tapping
  
- Low Voltage Distribution
  - Installation of encapsulated, dry type transformer 100KVA 440-400/230 3 phase line to line/line to neutral; delta to wye connection
  - Retrofitting the tapping modules in the existing LVD/MCC Panel.
  - Installation of all types of Safety signage in MCC Room
  - Meggering of Cables before tapping
  
- Installation of Haboat Panel/MCC panel with modules(440v)
  - Flow control Gate(0.23kw, 440v, 3 phase)
  - Screw Conveyor(15kw, 440v, 3 phase)

- Fan Drive Motor
  - fan drive HP595/60(5.5kw, 440v, 3 phase)
  - fan drive HP545/60(3kw, 440v, 3 phase)
  - fan drive HP570/60(4kw, 440v, 3 phase)
  - fan drive HP595/60(5.5kw, 440v, 3 phase)
- Bucket Elevator
  - main drive HGBW 500(45kw, 440v, 3 phase)
  - auxilliary drive HGBW 500(1.5kw, 440v, 3 phase)
- Vibrating Screen(7.5kw, 440v, 3 phase)
- Bag Filter Fan(45kw, 440v, 3 phase)
- Rotary Feeder(0.37kw, 440v, 3 phase)
- Rotary Piston Blower(11kw, 440v, 3 phase)
- Screw Conveyor 1(1kw, 440v, 3 phase)
- Screw Conveyor 2(1kw, 440v, 3 phase)
- Installation of Input/output Panel.
  - Installation of Local Isolation Switch for different motor drives.
  - Installation of instrument sensor like: Inductive sensor, Speed Sensor, Belt drift switch, limit switch, and load cells.
  - Signal command for the consumers.
- Installation of Equipment Grounding and Building Grounding.
  - Ground Cables and Ground rod as Earthing for the equipments and building ground.
  - Relying to PEC, use cable for different equipment.
  - Lightning arrester.
  - PEB panel Connecting to consumer existing PEB panel.
- Rotopacker(Beumer)
  - Installation/Termination of Fillpac and Bagplacer Panel
  - Termination of Maindrive fillpac RC 12 motor drive(3kw, 440V;220V, 3phase)
  - Termination of filling impeller drives(5.5kw, 440V, 3phase)
  - Installation/ Termination of Paletpac Panel
  - Termimation of Process Motors for palletizer area
  - Installation and termination of HMI panel, instrument sensor for the emergency stop system in rotopacker both fillpac, bagplacer, and paletpac panel
- MCC Room
  - Installation of lightings, C.O, ACU, Fire alarm System, Emergency lights, and Emergency signage.
  - Installation of building groundings.

## **Energy Renewable Asia, Inc./ Buskowitz Energy(September 2018 to Present date)**

### **Project Manager**

#### **Green Garden Court Hotel (55kwp On-Grid Solar PV System)**

- Installation of Solar Panels and Inverters(DC Installation)
- Installation of Transformer and Main Circuit Breaker(AC Installation)
- Installation of Lan Communication for Inverters(Control and Communication Gateway)
- Configuration Set-up for Inverters(27.6Kw Solaredge Inverter)
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#### **Araullo University Phinma(125kwp On-Grid Solar PV System)**

- Installation of Solar Panels and Inverters(DC Installation)
- Installation of Transformer and Main Circuit Breaker(AC Installation)
- Installation of Lan Communication for Inverters(Control and Communication Gateway)
- Configuration Set-up for Inverters(27.6Kw Solaredge Inverter)

#### **Treasure Island Industry Corporation Packaging Division(IPAK)(1,345.5kwp On-Grid Solar PV System)**

- Installation of Solar Panels and Inverters(DC Installation)
- Installation of Lan Communication for Inverters(Online monitoring)
- Configuration Set-up for Inverters(82.8Kw Solaredge Inverter)
- Installation and Configuration of Janitza(Zero Export Control)

#### **Robinsons Land Corporation-Probinson Pavia(1,102.84kwp On-Grid Solar PV System)**

- Installation of Solar Panels and Inverters(DC Installation)
- Installation of Air Circuit Breakers, Grid Cabinets, Rapid Shutdown Switch and other enclosure(AC Installation)
- Installation of Lan Communication for Inverters(Online monitoring)
- Configuration Set-up for Inverters(82.8Kw Solaredge Inverter)
- Installation and Configuration of Janitza(Zero Export Control)
- Installation of Inverter Rooms for the CUT-OFF devices(Civil works)

#### **Robinsons Land Corporation-Probinson Jaro (597.29 On-Grid Solar PV System)**

- Installation of Rapid Shutdown Switch and other enclosure(AC Installation)
- Installation of Lan Communication for Inverters(Online monitoring)
- Configuration Set-up for Inverters(82.8Kw Solaredge Inverter)
- Installation and Configuration of Janitza(Zero Export Control)
- Installation of Inverter Rooms for the CUT-OFF devices(Civil works)

#### **Coca-cola Beverage Philippines, Inc.- Bacolod Plant(1,127,52kwp On-grid Solar PV System)**

- Installation of Solar Panels and Inverters(DC Installation)
- Installation of Air Circuit Breakers, Grid Cabinets, Rapid Shutdown Switch and other enclosure(AC Installation)
- Installation of Lan Communication for Inverters(Online monitoring)
- Configuration Set-up for Inverters(100Kw Solaredge Inverter)
- Installation and Configuration of Janitza(Zero Export Control)
- Installation of Inverter Rooms for the CUT-OFF devices(Civil works)

#### **Coca-cola Beverage Philippines, Inc.- Misamis Oriental Plant(2,801 On-grid Solar PV System)**

- Reinstallation of Cable Ladder for DC wire Cable
- Reintallation of DC wire Cables and Stringing Layout) and checking of Fault line for DC wire cables
- Plans and Installation of lifeline support

- Installation Watershed Supply
- Configuration Set-up for Inverters(100Kw Solaredge Inverter) and Setting –up for Anti-islanding, power-up of inverters, set-up for desired frequency voltage as per Distribution Utility

SM Santa Rosa (3170 kWp On-grid Solar PV System)

- Installation of Ballast
- Installation of Mounting materials and PV panels Installation
- Installation of Air Circuit Breakers, Grid Cabinets, Rapid Shutdown Switch and other enclosure(AC Installation)
- Installation of Lan Communication for Inverters(Online monitoring)
- Configuration Set-up for Inverters(100Kw Solaredge Inverter)
- Installation and Configuration of Janitza(Zero Export Control)
- Construction of Invertershed for Inverters
- Construction of Primary meter Pole with CT and PT
- Installation of CUT-OFF devices

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**EDUCATION**

Tertiary Level: Mariano Marcos State University – College of Engineering  
Bachelor of Science in Electrical Engineering  
Quiling Sur, Batac City, Ilocos Norte  
2009 - 2014

Secondary Level: Sarrat National High School – Sta. Rosa Campus  
Brgy. 10 San Miguel, Sarrat, Ilocos Norte  
2005 - 2009

Primary Level: Sta. Rosa Elementary School  
Brgy. 11 Sta. Rosa, Sarrat, Ilocos Norte  
1999 – 2005

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## **SKILLS**

- Ability to work independently or as part of a team
- Ability to learn quickly
- Able to multitask; Flexible
- Proficient in Microsoft Office
  - MS Project
  - Word
  - Excel
  - Power point
- Autodesk Autocad
  - 3D
  - 2D
- Designs
  - Electrical Layouts and Designs
  - Reading Electrical Diagram
- Installation and Termination Electrical Diagrams
- Installation of Export control management(Satec meter and Janitza meter)
- Civil works Construction(MCC Room and Fabrication works)

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## **ELIGIBILITY**

Passed the September 2014 Electrical Engineer Board Exam

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## **TRAININGS AND SEMINARS ATTENDED**

National Grid Corporation of the Philippines Student Traineeship Program  
Currimao Substation, District 1 – Ilocos Area O&M  
Currimao, Ilocos Norte Philippines

Leading the Electrical Practitioners towards Global Recognition  
MMSU Teatro Ilocandia  
Batac City Philippines

A Technical Guide to Standard and Comprehensive Power Transformer Testing  
Institute Of Integrated Electrical Engineer(Technical Webinar)

Dwelling Design and Estimates Including Voltage Drop Calculation  
Institute Of Integrated Electrical Engineer(Camarines Chapter Technical Webinar)

Basic Occupational Health and Safety Training Course for Construction (COSH)  
Technical Webinar

Power Systems Fault Analysis Course  
Technical Webinar

IIEEs 47<sup>th</sup> Annual National Convention and 3E XPO 2022  
Technical Webinar November 7-10  
Face to Face Expo November 11-12

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## REFERENCES

Engr. Aristotle A. Salvador  
Supervisor  
Northern Foods Corporation

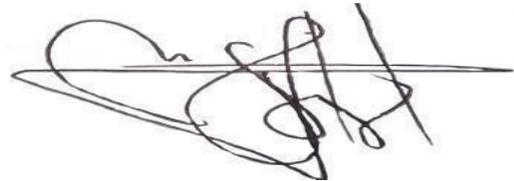
Engr. Melchor Garcia  
Supervisor  
Zone 5  
Ilocos Norte Electric Cooperative

Engr. James Jimena  
PIC/Sr Electrical Engineer  
Engel Anlagen Technik Phils., Inc

Engr. Amando Lanuza, Professional Electrical Engineer  
Vice President for Operation  
Buskowitz Energy

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I hereby declare that all the aforementioned information is true and correct, and done in good faith.

A handwritten signature in black ink, appearing to read 'Edison F. Garcia', written over a horizontal line.

EDISON F. GARCIA, REE  
APPLICANT