

A background image showing a series of high-voltage electrical transmission towers and power lines stretching across a landscape. The image is partially obscured by large, dark red geometric shapes that create a sense of depth and movement. The text "COMPANY PROFILE" is overlaid on the right side of the image.

COMPANY PROFILE

2020

About Us

01 The Company

Wisenergy, Inc. Specializes in providing customers' need with quality engineering works and consultancy services particularly on electrical engineering support projects and consultancy services on sales and marketing of energy and retail energy supply, distribute power to industrial, commercial and electric utilities in the country

Incorporated in 2014, company is at present focused to address all engineering and consultancy services particularly on electrical field. Though, corporate came in just recently but the people behind have already invested more than enough experience and expertise to serve clients' need.

02 Vision & Mission

Our Mission to provide high quality services geared towards customers' satisfaction as our company's minimum standard. Our Vision to be the most trusted and reliable key players in the engineering and consultancy field.

03 Our Team

We are being managed by experienced professionals with extensive background in the field of power generation, power transmission, distribution, and other technical expertise. Our Technical Group has been tapped from all ex Davao Light & Power Co., Inc. (One of the biggest Energy Service Provider in the Philippines) and National Power Corporation (The Country's Power Generating Entity) employees/retirees with countless unquestionable experience in their respective fields. Some are from private sector but has proved their worth in their field of specialization.

Our Services

01 Productivity Solutions

Help business create opportunities through improved process performance and reduce risk by avoiding costly downtime of major generating equipment.

02 Consultancy Services

Assist clientele with the needed studies as basis for further analysis/decision to undertake. Formulate a Development Plan and Strategy of the area under study.

Power System Studies, Design and Analysis Including:

- a) Load Flow
- b) Short Circuit Calculations
- c) Protection Coordination

03 Marketing Solutions

Assist customers sell its generating power to grid during peak hours at competitive price level. Negotiate supply of coal/bunker/diesel fuels for commercial and industrial power plants (Land based and Power Barges).

ADDED CAPABILITIES

A. Distribution Line Construction

- 13.8kV overhead construction both ACSR conductor and insulated (tree-wire) conductors.

B. Emergency Crew for line maintenance and power restoration.

C. Meter Reading & Bills Delivery.

D. Vegetation Management (Line Clearing / Tree Trimming)

- Crew – Management Line Clearance according to standards away from potential hazards causing possible power outage.

E. Energy Meter Audit

F. Energy Provider thru Renewable Sources.

KEY PERSONNEL



Benjamin A. Cariaso, Jr.

Chairman of the Board

He is also the Chief Executive Officer of JC&V Logistics Inc

WORK EXPERIENCE WITH POWER GENERATOR:

President & COO of AP Generation Coal Group – All Aboitiz owned coal power plant

President & COO of Therma Luzon, Inc. (700 mw coal plant)

President & COO of Therma Visayas, Inc (300 mw coal plant)

President & COO of Therma South, Inc. (300 mw coal plant) Exec. Vice President & COO
Therma Luzon, Inc.

WORK EXPERIENCE WITH ELECTRIC/POWER DISTRIBUTION:

Director of Subic Enerzone Corp,

Director Mactan Enerzone Corp.

Director Balamban Enerzone Corp.

WORK EXPERIENCE WITH ABOITIZ EQUITY VENTURES (AEV) / ABOITIZ POWER CORP. (APC)

Vice President, Project Development ABOITIZ EQUITY VENTURES

Vice President, Business Development ABOITIZ POWER CORPORATION

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KEY PERSONNEL



Adolfo L. Mirasol, PEE

President

He is the Former District Head of the National Grid Corporation of the Philippines and now the President of ESI, Inc. conglomerate companies Specializes in Design & Installation Management of Electric Power Transmission, Design & Installation Management of EHV Substations, and Design & Construction of Energy Control System.

He is also the:

Philcanpower Corporation – President

Electricity Solutions, Inc. – President

Energias Renovables, Inc. – Treasurer

Wisenergy, Inc. – President

Electrical Connector Corporation. – President

XPower Corporation – Corp. Secretary

KEY PERSONNEL



Jose Maria P. Fernandez Jr.

Treasurer

WORK EXPERIENCE:

Researcher – Fund for Assistance to Private Education (FAPE)

Senior Researcher – Fund for Assistance to Private Education (FAPE)

Technical Assistant to the President – Fund for Assistance to Private Education (FAPE)

Business Development Officer of Australian Trade Commission

Senior Business Development Officer of Australian Trade Commission

Vice President of Luzon Hydro Corporation

Local Representative for Anglo Coal Australia Pty Ltd.

Local Representative for PT Tanito Harum

Local Representative for Flame SA

President of Riviera Golf and Country Club

Managing Director of Innoadvantage Management Inc.

KEY PERSONNEL



Julius S. Algabre, PEE

Executive – Vice President / Chief Operating Officer

WORK EXPERIENCE WITH POWER GENERATION:

Head, Electrical Department, Burmeister & Wain Scandinavian Contractor (BWSC), Mindanao, Inc.,

2x50MW Thermal-Diesel Power Plant, Maco, Davao

WORK EXPERIENCE WITH POWER DISTRIBUTION:

Head, Technical Skills Training Department (TSTD). Visayan Electric, Co., Inc. (VECO); seconded to Aboitiz

Power Distribution Utilities (AP DU)

Project Manager, 138kV Single Circuit, 2x795MCM ACSR configuration, Toledo- Naga Tie Line, Substation & Switching Station, (VECO)

Head, Substations and Electrical Equipment Department (SEED), Engineering Group, Visayan Electric, Co., Inc. (VECO)

Head, Power System Planning & Design Department (PSPD/PSDD), Engineering Group, Visayan Electric, Co., Inc. (VECO)

Head, Line Services Department (LSD), Transmission & Distribution Division, Davao Light & Power Co., Inc. (DLPC)

WORK EXPERIENCE WITH ACADEME:

Head, Electrical Engineering Department, College of Engineering & Architecture, University of Mindanao, Davao City

PROFESSIONAL ORGANIZATION:

Fellow - Institute of Integrated Electrical Engineers of the Philippines, Inc. (IIEE)

President - Mindanao Association of Professional Electrical Engineers (MAPEE)

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KEY PERSONNEL



Alberto G. Abella

Consultant-Luzon

WORK EXPERIENCE:

Manager Commercial Operations – Sales & Marketing Dept. of Aboitiz Power Corporation Inc.

Manager Special Project & Protocol – Sales & Marketing Dept. of Aboitiz Power Corporation Inc.

Manager Contracting & Data Base Management – Sales & Marketing Dept. of Aboitiz Power Corporation Inc.

Trader of Emerald Energy Corporation

KEY PERSONNEL



Juanico A. Rubia, PEE

**Consultant – Visayas &
Mindanao**

He is also the Technical Manager of Electricity Solutions Inc.

WORK EXPERIENCE:

Electrical Consultant & Trainor – Davao Light & Power Co., Inc.

Dept. Manager of Substation & Electrical Equip. Dept. – Davao Light & Power Co., Inc.

Supervisor of System Operation & Protection, Electrical System Dept. – Davao Light & Power Co., Inc.

Relay Engineer, Electrical System Dept. – Davao Light & Power Co., Inc.

Electrical Technician, Electrical System Dept. – Davao Light & Power Co., Inc.

Hydroplant Operator, Hydroplant Dept. – Davao Light & Power Co., Inc.

Consultancy Works/Projects Undertaken

By Aboitiz Group retirees now with Wisenergy, Inc.

ABOITIZ GROUP

Philippines

Substation Electrical Design, Equipment Specifications, Construction, Wiring, Testing of Electrical Equipment, Relay Setting Calculations, Testing & Commissioning of the following substations owned by Davao Light & Power Company & Hedcor, located in Davao City & Benguet respectively:

Substation Name | Location | Year | Energized

1. Hedcor Ampohaw Hydroelectric Plant | Ampohaw, Benuet | 1991 | 12/8/4 MVA 69/23/2.4kV
2. Ernesto Aboitiz Substation | Bajada, Davao City | 1996 | 150MVA, 138/69/13.8kV
3. Matina Substation | Brgy. Matina, Davao City | 1997 | 15/20/25 MVA, 27/13.8kV
4. P. Reyes Substation | P. Reyes St., Davao City | 1998 | 20/26/33 MVA, 67/13.8 kV
5. R. Castillo Substation | R. Castillo St., Davao City 2000 | 20/26/33 MVA, 67/13.8 kV
6. Panacan Substation | Brgy. Panacan, Davao City | 2002 | 20/26/33 MVA, 67/13.8 kV
7. Calinan Substation | Brgy. Calinan, Davao City | 2003 | 12 MVA, 67/13.8 KV
8. San Vicente Substation | Panabo City [2004 10 MVA, 67/13.8 kV
9. Bunawan Substation | Brgy. Bunawan, Davao City | 2006 | 2 x 50 MVA, 138/69/13.8 kV

33 MVA, 67/13.8KV Mobile Substation
Preparation of Technical Specification,
Review & Evaluation of offers, in 2005.

Detailed Scope of Work

1. Supervise Physical Design of Substations.
2. Electrical for Prepare Design Protection Relaying, Control, Metering & Instrumentation Current Power Circuit.
3. Prepare Technical Specifications of Substation Equipment, such as Power Transformer, Breakers, Voltage Transformers, Transformers, Disconnectors, Surge Arresters, Protective Relays, Switchboard Meters, Annunciators Power Circuit.
4. Supervise in the Installation of Power Transformer, Instrument Transformers, Breakers, Disconnectors, Surge Arresters, Switchboard Panels, and Relays.
5. Supervise in Testing & Commissioning of all Substation Equipment.

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PROJECTS COMPLETED



SM CHAIN OF MALLS

- Energy Meter Audit of 56 Malls all over Philippines.

SM Malls Nationwide Energy Meter Audit involving 56 Malls all over Luzon, Visayas, and Mindanao.



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Lanao del Sur Electric Cooperative, Marawi City.

June 15, 2018

Consulting works in Lasureco's Power Distribution System rehabilitation and resilience program (after the Marawi siege) in coordination with USAID/RTI as main consultant. Provided studies for the needed capital expenditures, based on conceptual design, of the proposed rehabilitation and improvement of Lasureco's power distribution system including remote metering and automated billing and collection plus possible underground distribution lines with hybrid overhead power lines along the perimeter of the city proper.



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Tagaytay Highlands 13.8kV Power Distribution System Main Grid Geographic Information System (GIS) with Asset Valuation Project
Nov. 2019 to May 2020.

Pole to pole survey, pole numbering of the 13.8kV main distribution grid ready for mapping (GIS) of all assets connected to the network. Managed the project with an aggregate of 20 skilled manpower and engineers including GIS specialists and IT professional for GIS software development. Installed QGIS software for mapping the whole distribution system which has now an added value: location intelligence. Provided Tagaytay Highlands real-time updating and/or maintenance of data during replacements and/or installation of new network assets. Completed the GIS project with network asset valuation within six (6) months.



BELLE CORPORATION (Tagaytay Highlands)

Tagaytay, 4120 Cavite Power Distribution Improvement

- Standardization of 13.8kV Distribution Line Construction
- Implementation of 13.8kV Tree (Insulated) wires replacing existing bare ACSR for the overhead lines
- Implementation of the Protection Coordination Study (using ETAP ver. 16) for the main 13.8kV distribution line involving various reclosers and VCB.
- Training on Lineman's Safety while working on De-energized lines; and provision of standard safety tools and personal protective equipment.
- GIS Preparation.

INTERNATIONAL RESOURCES GROUP (IRG)

- Strengthened Power System Resilience in Marawi and Outlying Areas.

CENTURY PEAK CORPORATION

- Preparation of Substation materials listing and Single Line Diagram for the 69Kv Transmission Line.
- Preparation of connection plan and Single Line Diagram for 40-Megawatt Interconnection.

CFP TRANSACTION ADVISORS

- Consultant

TADECO Davao del Norte

- 20/26.6MVA SS Design-as Owner's Engr.

QUEST HOTEL AND CONFERENCE CENTER

- Conduct Energy Meter audit of the entire facility.

ENTRATA HOTEL SERVICES, INC.

- Energy Meter Audit 34.5Kv power Transformers.

UNITED HOLDINGS POWER CORPORATION

- Preparation of Facility Study for 8.4MW/5.5MW.

HIJO RESOURCES CORPORATION Madaum, Tagum, Davao del Norte

- Prepare Electrical Development Plan for the 69Kv and 138Kv Distribution Line Design.
- Prepare a revised Electrical Development Plan for 69kV and 138kV Distribution Line.

DAVAO INT'L CONTAINER TERMINAL (DICT)

Panabo

- Provide 30MVA Substation Design.

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PROJECTS COMPLETED ON JOINT VENTURE

APEX MINING CORPORATION

Masara, Comaval Province

- Provide Power Factor Correction Consultative.

Proposal in Electrical Systems.

- Installation of 3000kVAR and 2400kVAR, 4,16kV capacitor bank for Power Factor Correction.



APEX -Fam shaft (1052 KVAR, 4.16KV) Lamsan, Inc.

ILIGAN LIGHT & POWER INC., (ILPI)

Iligan City

- Prepare Distribution Impact Study/Grid Impact Study for MEGC 15MW Diesel Plant-ILPI Connections.



APEX - Maligaya (2400 KVAR, 4.16KV APEX -Fam shaft (1052 KVAR, 4.16KV) Lamsan, Inc.

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LGS RENEWABLE ENERGIES CORPORATION

Davao City

- Provide Study Power Plant for 2MW Hydro in Brgy Osmeña and Tibanban.

MISAMIS ORIENTAL RURAL ELECTRIC COOPERATIVE (MORESCO)

Misamis Oriental

- Prepare Facility Study/Distribution Study/Grid Impact Study Facility Impact for Peaking Power Plant including facilitations with concerned government agencies.

EI POWER CORPORATION

Magdum, Davao Del Norte

- Provide Consultancy Services for the over-all Electrical/mechanical operations and equipment maintenance of 3 x 5MW diesel/bunker fueled Power Plant.

Crystal Sugar

Maramag, Bukidnon

- SS & Line Design – as Owner's Engr.



Lamsan, Inc. - Power Factor Correction



APEX - 138KV Transmission Line



APEX - 69KV Transmission Line

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GAISANO CHAIN OF MALLS



INSTALLATION OF 15kv, 1200AMPS OIL
CIRCUIT BREAKER AT GAISANO MALL OF

- Provide consultancy works in all electrical connections particularly on Primary Metering side as well as generator interconnecting lines.
- Provide consultancy works on Oil Circuit Breaker/Cable Termination / Panel Relay Replacement and Reconfiguration.
- Substation Installation of 3000KVA, 13.8kv complete with circuit breaker protection and relaying & instrumentation.



GAISANO TORIL – TRANSFORMER
CONNECTION INSTALLATION



PRIMARY METERING INSTALLATION AT

“A CUSTOMER FOCUSED ELECTRICITY

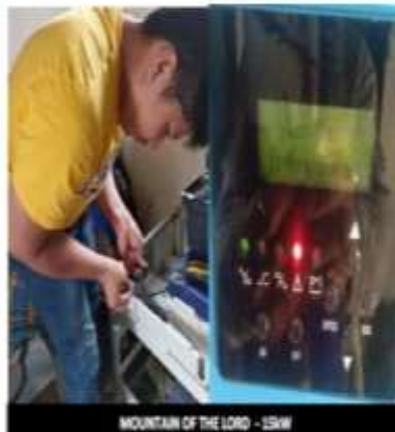
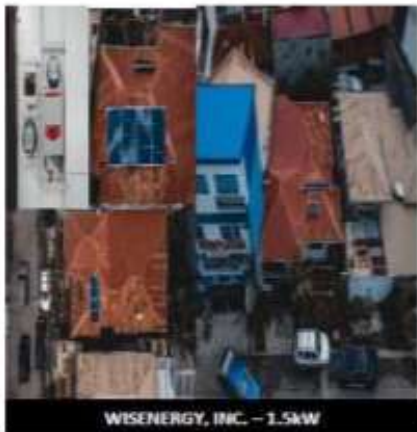
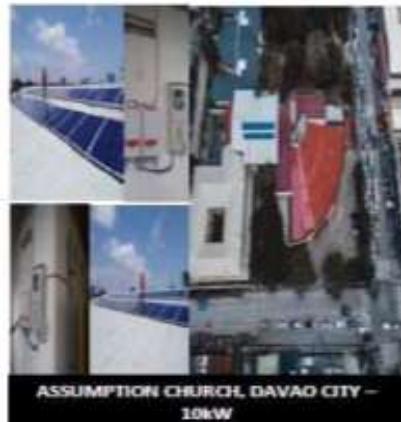
SERVICE COMPANY”

MINDANAO REGION

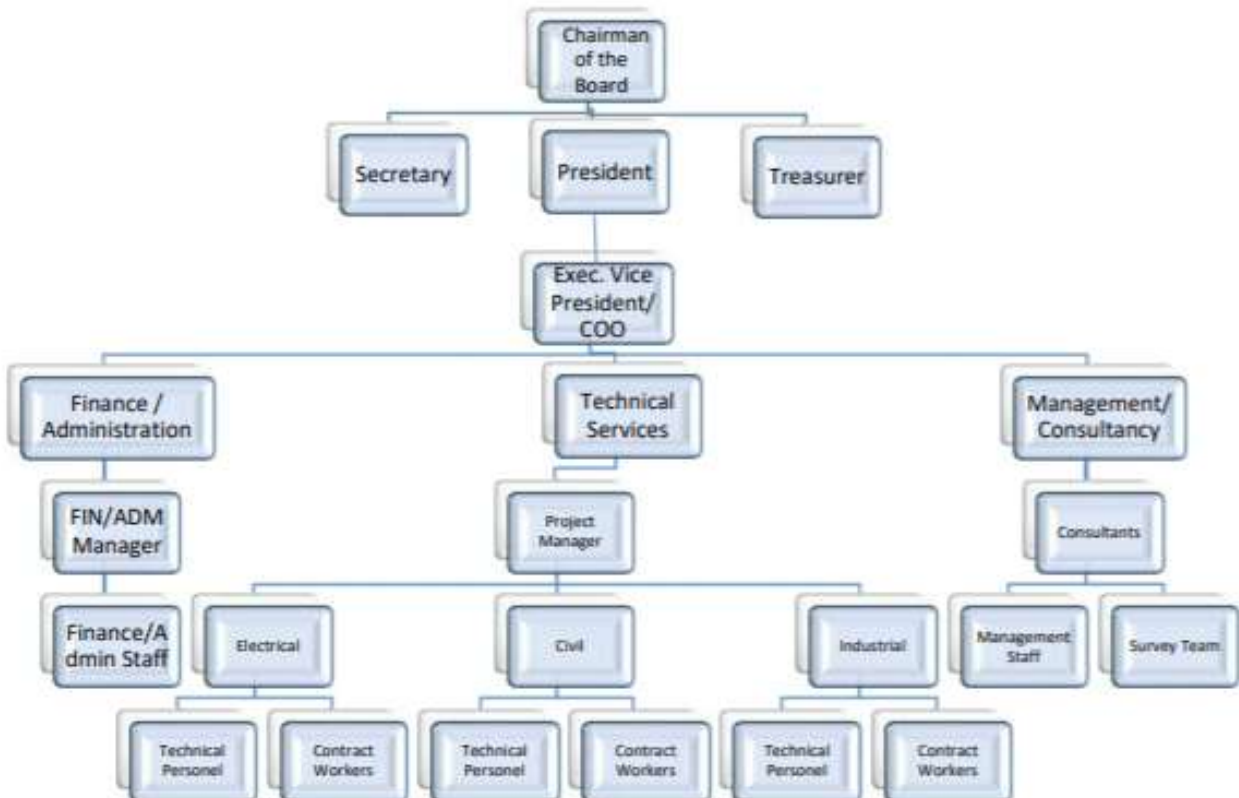
Over 20 Customer's Project

Undertaken on Solar PV System

- Installation of Solar PV System On-grid & Off-grid



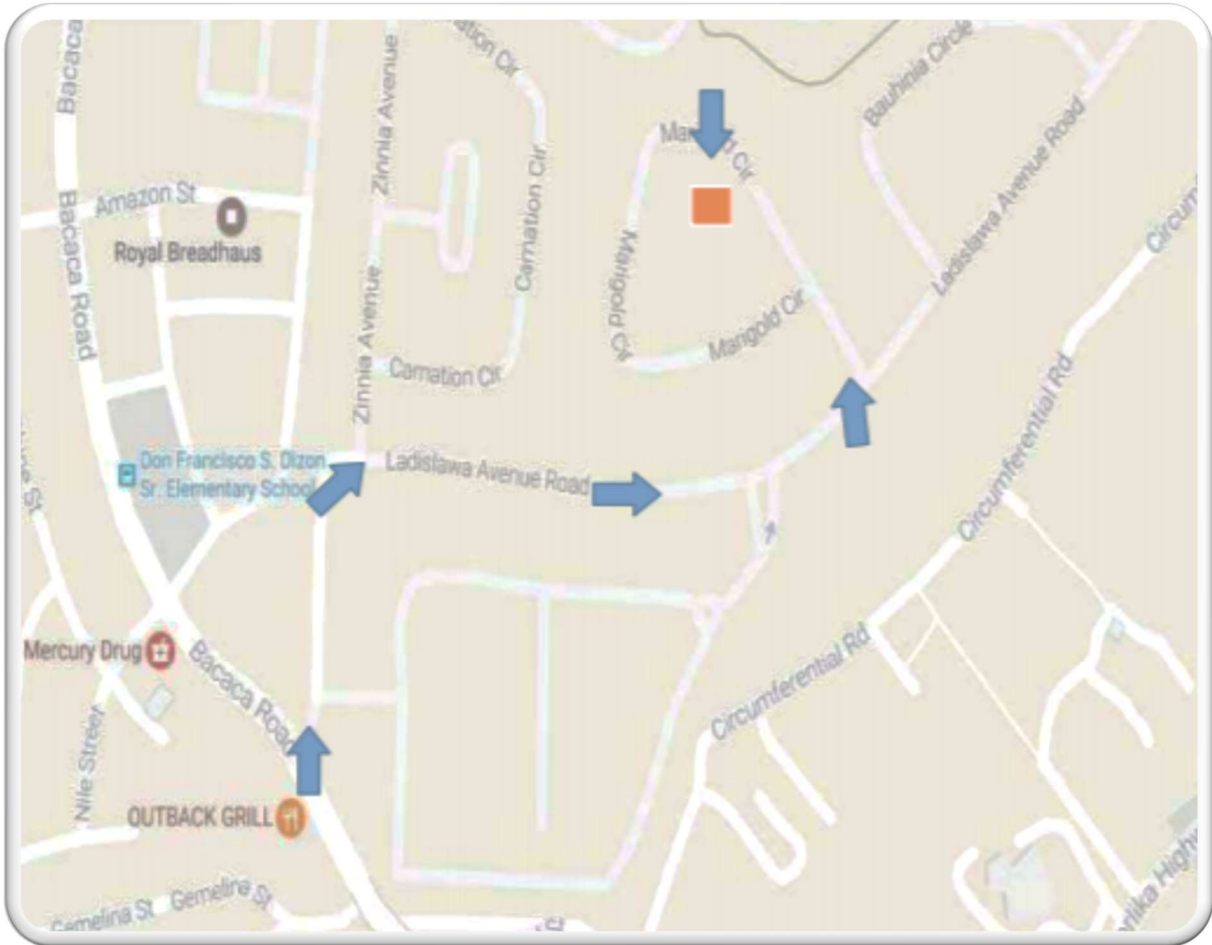
Our Organization



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WHERE TO FIND US



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WiSENERGY

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