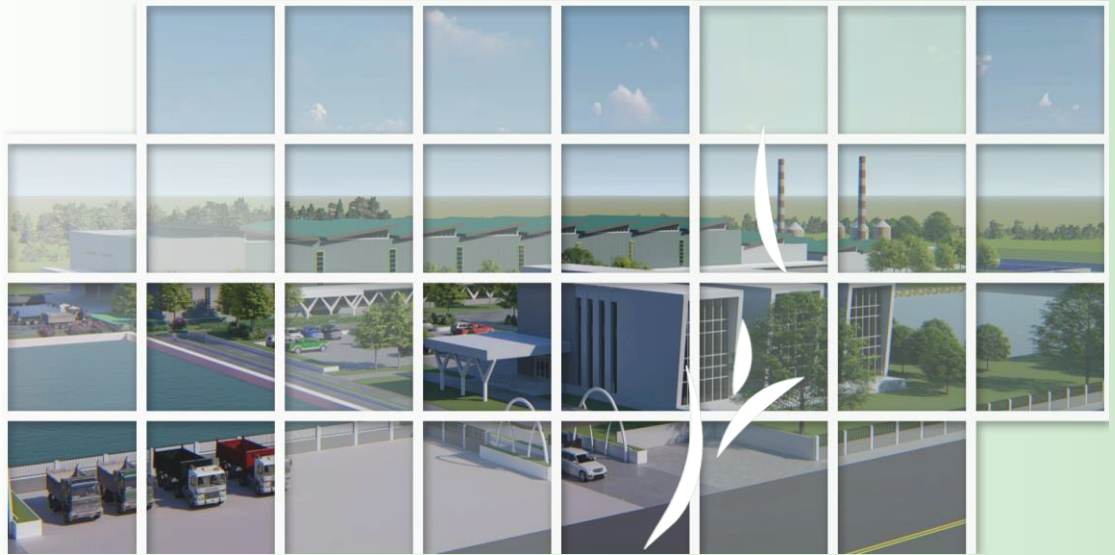


# MAXI

---

# ENERGY

USA INC



#### U.S.A. OFFICE

325 S. Raymong Avenue, Suite C  
Alhambra, California 91803  
United States of America

#### PHILIPPINES OFFICE

Corporate 145 Building, Suite 1415  
145 Mother Ignacia Avenue,  
South Triangle, Quezon City  
Philippines 1103

Email: [energy@maxienergyusa.com](mailto:energy@maxienergyusa.com)

[www.maxienergyusa.com](http://www.maxienergyusa.com)

January 2023





## **MISSION**

Implement a sustainable solution to garbage problem and global warming based on quality, reliability and performance technology to make the world cleaner while converting garbage into a commodity as source of energy



## **VISION**

To reduce the amount of garbage by promoting community awareness and corporate social responsibility.

To recover garbage to its best and highest use.




To eliminate dependence on landfills and utilize the area for more productive purposes.

To manufacture and fabricate Waste to Energy parts and equipment in the Philippines

To transform the Philippines as Waste to Energy hub of Asia.



# PREFACE



Since the time human learn to explore its environment, waste follows. As time continue, advancement of human civilization that leads to development of needs of each individual resulting to diversified multi-functional use of land. Waste is always an important problem in this era, where people are not aware of the waste they produce in their household or institutions (Subramoniam 2015). Moreover, due to technological development, energy demand increases. The relationship between economic growth and the environment is complex. Several challenges come into play, including the size and composition of the economy, particularly the share of services in gross domestic product (GDP), as opposed to primary industries and manufacturing, and technological changes have the potential to reduce the environmental impacts of the decisions of production and consumption, while also driving economic growth (Jamel 2014).

With this, improper waste disposal is a leading contributor to pollution, carbon emissions and disease around the world (Dragani 2019) and energy shortage became socio-economic challenge to each regional development.

As result, Maxi Energy USA Incorporated intensify its mechanism to be part of solution to this emerging socio-economic and environmental challenges. Primarily, Maxi intends to take advantage of this continuing increase of garbage and increase in demand of energy by being green believer.

The background of the slide features several stylized, light green clouds of various sizes scattered across the upper and middle sections. In the lower-left corner, there is a cluster of stylized green trees and bushes. At the bottom center, a small green delivery van is depicted on a dark green ground line. The overall aesthetic is clean and eco-friendly.

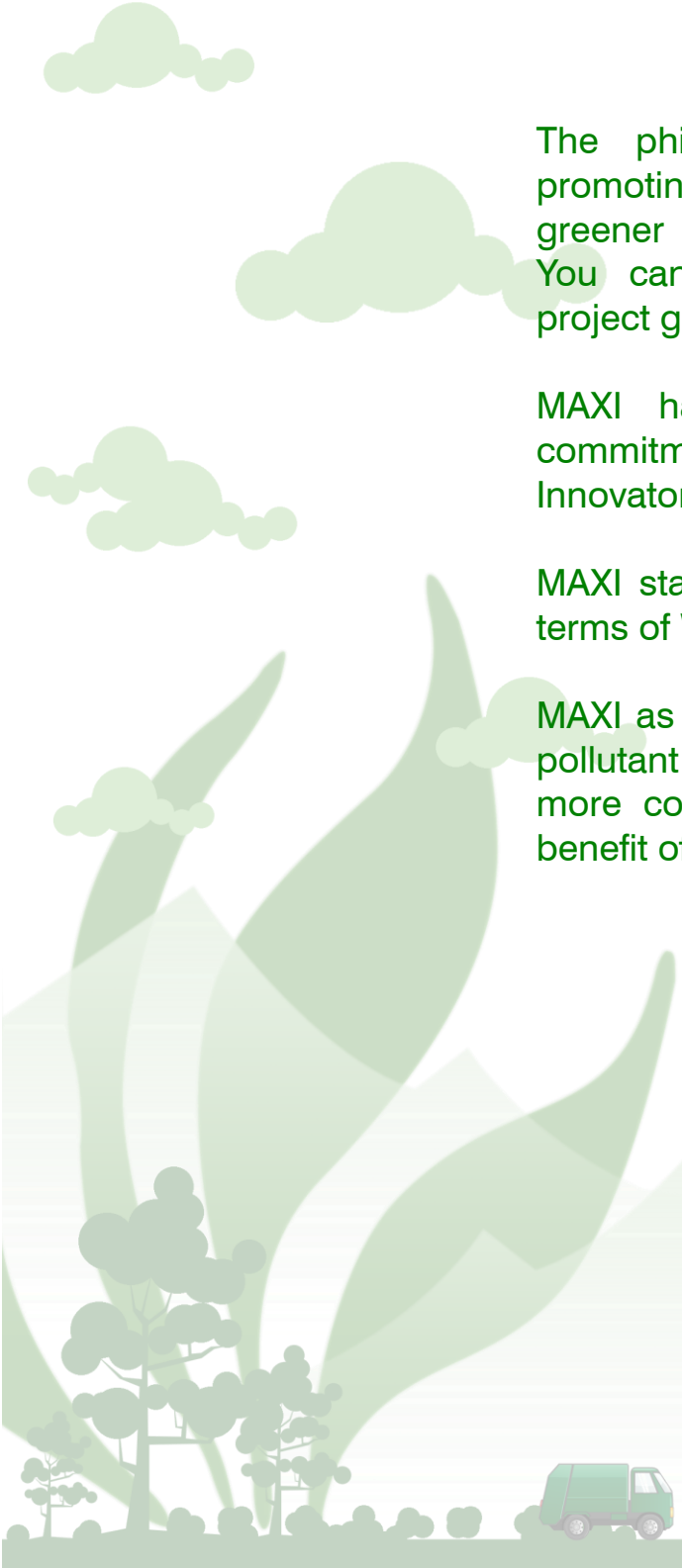
To our people,

It behooves to us parents, fathers, mothers and our leaders of today the obligation to ensure the health and well-being of our children, and the generations to come. The impact of climate change cannot be ignored, proactive action must be taken.

Maxi Energy Technology is the proactive solution!

Best Regards,  
**HENRY U. DELINO**  
President

# Philosophy



The philosophy of our company begins with promoting quality of life by making our environment greener while supporting the economic progress. You can expect superior dedication to achieve project goals through our team and consortium.

MAXI has the desire to serve at their best commitment to achieve our common goal as Green Innovator in Waste Processing.

MAXI state of the art knowledge and technology in terms of Waste to Energy Conversion

MAXI as partner to eliminating of land, water and air pollutant dedicated to restructure and achieve a more conducive place for the society and for the benefit of the future generation.

# Company Profile

MAXI ENERGY USA is a private corporation company that specializes on Waste to Energy Conversion.

With our specialized allied professionals, our company consortiums give us advantage to continue developed our technology to meet the increasingly demand in Waste to Energy Processing.

MAXI may be young in the business, but the principals in the organization have gained considerable knowledge through continuing education and experience in accomplishing various studies and projects of different trials in the development of our technology applicable in Philippines and abroad.



# Scope of Services

## **Waste to Energy Research and Planning**

Dedicated team to perform logistics for data gathering in preparation for planning to identify the viability of the facility towards socio-economic development and environmental impact. Research on influencing variables for rational decision making using spatial factors and database are also part of this service.

## **Waste to Energy Facility Design and Construction**

Technical Group assigned to perform this with highly qualified professional exposed to various design and construction methodology. Considering space planning, environmental impact assessment, local and international codes are the main guiding principles in this design and construction processes.

## **Plant Process Design and Commissioning**

In every aspect of design, process may vary depending on the prevailing data may found during research. Using the Core Primitive Process (CCPr) developed by the company, the proposed design will always be guided by CCPr to achieved the suited process for each project. As part of this, technological commissioning, all key personnel training under direct supervision from the company to ensure the reliability of the client's in-house technical team.

## **Plant Operations**

Under Build Operate scheme, the company offers full time operation of the Plant after the construction to further accelerate the realization of the benefits of the project. The company designate highly capable heads and technical group together with local human resource.

## **Consulting and Maintenance**

After project turn-over to the client, the company offers operational consultancy and maintenance to assist the client on their operations.

## **Technological Research Development**

With the available highly qualified system developer and machine designer, the company offers research and development for efficiency and advancement of productivity. The company with highly trained critical thinking expects that client will achieved their expected sophisticated systems.

# Article of Incorporation



REPUBLIC OF THE PHILIPPINES  
**SECURITIES AND EXCHANGE COMMISSION**  
SEC Building, EDSA, Greenhills  
City of Mandaluyong, Metro Manila

COMPANY REG. NO. CS201521243  
COMPANY TIN 009-158-192

## CERTIFICATE OF INCORPORATION

KNOW ALL PERSONS BY THESE PRESENTS:

This is to certify that the Articles of Incorporation and By-Laws of

**MAXI ENERGY USA, INC.**

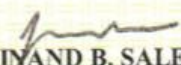
were duly approved by the Commission on this date upon the issuance of this Certificate of Incorporation in accordance with the Corporation Code of the Philippines (Batas Pambansa Blg.68), and copies of said Articles and By-Laws are hereto attached.

This Certificate grants juridical personality to the corporation but does not authorize it to undertake business activities requiring a Secondary License from this Commission such as, but not limited to acting as: broker or dealer in securities, government securities eligible dealer (GSED), investment adviser of an investment company, close-end or open-end investment company, investment house, transfer agent, commodity/financial futures exchange/broker/merchant, financing company, pre-need plan issuer, general agent in pre-need plans and time shares/club shares/membership certificates issuers or selling agents thereof. Neither does this Certificate constitute as permit to undertake activities for which other government agencies require a license or permit.

As a registered corporation, it shall submit annually to this Commission the reports indicated at the back of this certificate.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the seal of this Commission to be affixed at Mandaluyong City, Metro Manila, Philippines, this 21<sup>st</sup> day of October, Twenty Fifteen.



  
**FERDINAND B. SALES**  
Director  
Company Registration and Monitoring Department



# Article of Incorporation



CONSULATE GENERAL OF THE REPUBLIC OF THE PHILIPPINES  
LOS ANGELES

## ACKNOWLEDGMENT

BEFORE ME, **RAINIER J. CASIS**, VICE CONSUL in the City of Los Angeles, California, U.S.A., on this day of **02 Oct 2017**, personally appeared:

**FERDAN BALANAY DACAYANAN**

with **CALIFORNIA DRIVER LICENSE NO. C2009154 EXPIRING ON 31 JUL 2021** known to me to be the same person(s) who executed the annexed instrument of **ARTICLES OF INCORPORATION OF A CLOSE CORPORATION** and being informed by me of the contents of said instrument, he/she/they acknowledged and swore before me that he/she/they executed the same of his/her/their own free will and deed for the use and purpose therein set forth.

For the contents of the annexed document, this Consulate General assumes no responsibility.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of the Consulate General of the Republic of the Philippines in Los Angeles, California, U.S.A., on the above date.



  
**RAINIER J. CASIS**  
Vice Consul  
Republic of the Philippines


Fee Paid : \$25.00  
O.R. No. : 37073  
Service No. : 63-66  
Doc. No. : 16698-16701  
Page No. : 179  
Series of : 2017

This document is not valid if seal is removed or altered in any way whatsoever.

\*\*\*

3435 Wilshire Blvd., Suite 550, Los Angeles, CA 90010  
Tel. (213) 639-0980; Fax (213) 639-0990  
E-mail: losangelespc@aol.com; www.philippineconsulatela.org

# Article of Incorporation

	<b>State of California</b> <b>Secretary of State</b>	S
<b>Statement of Information</b> (Domestic Stock and Agricultural Cooperative Corporations) <b>FEES (Filing and Disclosure): \$25.00.</b> If this is an amendment, see instructions. <b>IMPORTANT – READ INSTRUCTIONS BEFORE COMPLETING THIS FORM</b>		
1. CORPORATE NAME MAXIENERGY, INC.		
2. CALIFORNIA CORPORATE NUMBER C3819589		
This Space for Filing Use Only		
<b>No Change Statement</b> (Not applicable if agent address of record is a P.O. Box address. See instructions.) 3. If there have been any changes to the information contained in the last Statement of Information filed with the California Secretary of State, or no statement of information has been previously filed, this form must be completed in its entirety. <input type="checkbox"/> If there has been no change in any of the information contained in the last Statement of Information filed with the California Secretary of State, check the box and proceed to Item 17.		
<b>Complete Addresses for the Following</b> (Do not abbreviate the name of the city. Items 4 and 5 cannot be P.O. Boxes.)		
4. STREET ADDRESS OF PRINCIPAL EXECUTIVE OFFICE 16300 ARROW HIGHWAY SUITE N, IRWINDALE, CA 91706	CITY	STATE    ZIP CODE
5. STREET ADDRESS OF PRINCIPAL BUSINESS OFFICE IN CALIFORNIA, IF ANY 16300 ARROW HIGHWAY SUITE N, IRWINDALE, CA 91706	CITY	STATE    ZIP CODE
6. MAILING ADDRESS OF CORPORATION, IF DIFFERENT THAN ITEM 4	CITY	STATE    ZIP CODE
<b>Names and Complete Addresses of the Following Officers</b> (The corporation must list these three officers. A comparable title for the specific officer may be added; however, the preprinted titles on this form must not be altered.)		
7. CHIEF EXECUTIVE OFFICER/ FERDAN BALANAY DACAYANAN	ADDRESS 9049 REALES ST, RANCHO CUCAMONGA, CA 91737	CITY STATE    ZIP CODE
8. SECRETARY MADONNA SUE RAY	ADDRESS 26867 WILDERNESS DRIVE, WINCHESTER, CA 92596	CITY STATE    ZIP CODE
9. CHIEF FINANCIAL OFFICER/ ROBERT JAMES RAY	ADDRESS 26867 WILDERNESS DRIVE, WINCHESTER, CA 92596	CITY STATE    ZIP CODE
<b>Names and Complete Addresses of All Directors, Including Directors Who are Also Officers</b> (The corporation must have at least one director. Attach additional pages, if necessary.)		
10. NAME ROBERT J. RAY	ADDRESS 26867 WILDERNESS DRIVE, WINCHESTER, CA 92596	CITY STATE    ZIP CODE
11. NAME ROBERT JAMES RAY	ADDRESS 26867 WILDERNESS DRIVE, WINCHESTER, CA 92596	CITY STATE    ZIP CODE
12. NAME FERDAN BALANAY DACAYANAN	ADDRESS 9049 REALES ST, RANCHO CUCAMONGA, CA 91737	CITY STATE    ZIP CODE
13. NUMBER OF VACANCIES ON THE BOARD OF DIRECTORS, IF ANY:		
<b>Agent for Service of Process</b> If the agent is an individual, the agent must reside in California and Item 15 must be completed with a California street address, a P.O. Box address is not acceptable. If the agent is another corporation, the agent must have on file with the California Secretary of State a certificate pursuant to California Corporations Code section 1505 and Item 15 must be left blank.		
14. NAME OF AGENT FOR SERVICE OF PROCESS ROBERT JAMES RAY		
15. STREET ADDRESS OF AGENT FOR SERVICE OF PROCESS IN CALIFORNIA, IF AN INDIVIDUAL 26867 WILDERNESS DRIVE, WINCHESTER, CA 92596		
<b>Type of Business</b> 16. DESCRIBE THE TYPE OF BUSINESS OF THE CORPORATION RENEWABLE ENERGY		
17. BY SUBMITTING THIS STATEMENT OF INFORMATION TO THE CALIFORNIA SECRETARY OF STATE, THE CORPORATION CERTIFIES THE INFORMATION CONTAINED HEREIN, INCLUDING ANY ATTACHMENTS, IS TRUE AND CORRECT.		
03/17/2016	ROBERT JAMES RAY	CFO
DATE	TYPE/PRINT NAME OF PERSON COMPLETING FORM	TITLE
		SIGNATURE
SI-200 (REV 01/2013)		Page 1 of 1
APPROVED BY SECRETARY OF STATE		

**FC59289**  
**FILED**  
 In the office of the Secretary of State  
 of the State of California

**MAR-17 2016**

**PERMIT TO OPERATE**

Mayors Permit No. <b>18-001217</b>	Type of Application <b>RENEWAL</b>	Official Receipt No. <b>B-2023-000-230-0000718</b>	Amount Paid <b>14,456.00</b>
Date Issued <b>03/8/2023</b>	Date Expires <b>MARCH 8, 2024</b>	Period Covered <b>1-4 2023</b>	Date of Payment <b>03/2/2023</b>

Owner's Name  
**MAXI ENERGY USA, INC.**

Business Name  
**MAXI ENERGY USA, INC.**

Business Address  
**8A7 FRANCESCA TOWR, SCT. BORROMEO ST. COR. EDSA SOUTH TRIANGLE**

CONTRACTOR	Kind of Business	Requirements	
		Ancillary Clearance	Clearance No.
* COMPOSTING AND WASTE MANAGEMENT SERVICES		Locational Certificate (CPDO)	2018-038450
		Fire Safety Inspection Certificate (BFP)	
		Sanitary Permit (CHD)	
		Barangay Clearance (BC)	
		Tourism Accreditation	NOT REQUIRED
		Traffic Clearance (CPOG)	NOT REQUIRED
		Environmental Clearance	06-22-37423
		Occupational Permit of employees (BPLD)	2022-06-14 to 2023-06-14
		Business Type: Corporation	TIN:

Area of Establishment:  
**43.40 SQM**

Total No. of Employees: Male: 2 Female: 3

NAME OF COMPANY: PRESIDENT: DACAYANAN, GENER B.  
SUBJECT TO: COND. 1, 2 & 16 \*\* TO COMPLY WITH ANCILLARY REMARKS AND FINDINGS AS SENT VIA EMAIL DURING EVALUATION OF PERMIT APPLICATION BY REGULATORY DEPARTMENTS/OFFICES WITHIN 30 DAYS. THIS PERMIT IS VALID ONE (1) YEAR FROM DATE OF ISSUE PURSUANT TO CITY ORDINANCE NO. SP-3013, 5-2021, SUBJECT TO PROVISIONS OF APPLICABLE LAWS, ORDINANCES, RULES AND REGULATIONS PERTINENT TO THE CONDUCT OF BUSINESS, FAILURE TO COMPLY SHALL REVOKE/CANCEL THIS PERMIT.



ANY ERASURE/ALTERATION WILL INVALIDATE THIS PERMIT

For and by the Authority of the City Mayor:  
**MA. JOSEFINA G. BELMONTE**

**MA. MARGARITA T. SANTOS**  
City Government Department Head III

Printed by: DANICA LUCBAN

- Remarks:
- NON-TRANSFERABLE AND VALID ONLY WITH CORRESPONDING OFFICIAL RECEIPTS SHOWING PAYMENT OF PERMIT FEES AND CITY TAXES. ERASURE/ALTERATIONS WILL INVALIDATE THIS PERMIT.
  - FAILURE TO RENEW THIS BUSINESS PERMIT/LICENSE WITHIN THE PRESCRIBED PERIOD SHALL SUBJECT THE TAXPAYER TO A TWENTY-FIVE PERCENT (25%) SURCHARGE OF THE PERMIT FEE.
  - THIS PERMIT SHALL BE POSTED CONSPICUOUSLY AT THE PLACE OF BUSINESS AND SHALL BE PRESENTED AND/OR SURRENDERED TO CONCERNED AUTHORITIES UPON DEMAND.
  - SURRENDER THIS PERMIT WITHIN 20 DAYS UPON CLOSURE OF BUSINESS TO AVOID PENALTY.
  - SUBJECT TO COMPLIANCE TO ORDINANCES RELATED TO CONDUCT OF BUSINESS.

**NO. AN. 266586**

# BIR CERTIFICATE OF REGISTRATION

REPUBLIKA NG PILIPINAS  
KAGAWARAN NG PANALAPI  
KAWANIHAN NG BEVIES INTERMEDIARIS  
REVENUE DIVISION NO. 039  
REVENUE DISTRICT



OCN **3RC0000827303**

## CERTIFICATE OF REGISTRATION

BUSINESS REGISTRATION  
DATE: **December 07, 2017**

TIN <b>009-158-192-000</b>	NAME <b>MAXI ENERGY USA, INC.</b>	REGISTRATION DATE <b>12/07/2017</b>
-------------------------------	--------------------------------------	--

REGISTERED ADDRESS **8A7 FRANCESCA TOWERS SCT. BORROME0  
SOUTH TRIANGLE  
QUEZON CITY**

REGISTERED ACTIVITIES TAX TYPE	REGISTRATION FEE
<b>INCOME TAX VALUE - ADDED TAX</b>	<b>WITHHOLDING TAX - COMPENSATION</b>

TRADE NAME <b>MAXI ENERGY USA, INC.</b>	LINE OF BUSINESS / INDUSTRY <b>9309 OTHER SERVICE ACTIVITIES, N.E.C</b>
--	--

### REMINDERS:

FILING OF REQUIRED TAX RETURNS TO CONFORM WITH THE ABOVE TAX TYPE/S WITH OR WITHOUT OPERATION TO AVOID PENALTIES

INCOME TAX			
SINGLE PROPRIETOR 1701Q		CORP/PARTY/ASSOC 1702Q	
1st Quarter	APR 15	1st Quarter	MAY 30
2nd Quarter	AUG 15	2nd Quarter	AUG 29
3rd Quarter	NOV 15	3rd Quarter	NOV 29
1701	APR 15	1702	APR 15

WITHHOLDING TAX - EXPANDED	
1801E	10th day of the following month
1804E	Annual Information Return - March 01

WITHHOLDING TAX - COMPENSATION	
1801C	10th day of the following month
1804 CF	Annual Information Return - January 31

VAT	
2550M	20th day of the following month
2550Q	every 25th day after the close of each quarter

PERCENTAGE TAX	
2551 M	25th day of the following month

WITHIN 30 DAYS FROM REGISTRATION DATE THE FOLLOWING SHOULD BE ACCOMPLISHED:

- \* BOOKS OF ACCOUNTS
- \* AUTHORITY TO PRINT INVOICES / RECEIPTS

RENEWAL OF ANNUAL REGISTRATION FEE ON OR BEFORE JANUARY 31 USING BIR FORM 0605

IMMEDIATELY INFORM THIS DISTRICT OFFICE IN CASE OF TRANSFER/ CESSATION OF REGISTRATION AND OTHER CONCERNS BY FILING FORM 1905



I HEREBY CERTIFY THAT THE ABOVE NAMED PERSON IS REGISTERED AS INDICATED ABOVE, UNDER THE PROVISIONS OF THE NATIONAL INTERNAL REVENUE CODE, AS AMENDED.

**MA. VICTORIA G. REINANTE**

**LORENZO C. DELOS SANTOS**  
Asst. Revenue District Officer

REVENUE DISTRICT OFFICER (signature over printed name)

THIS CERTIFICATE MUST BE EXHIBITED CONSPICUOUSLY IN THE PLACE OF BUSINESS

TIN

"This Certificate of Registration (COR) shall be valid until **December 31, 2017**"

# Department of Science and Technology



Republic of the Philippines  
Department of Science and Technology  
**INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE**  
DOST Cpd., General Santos Ave., Bicutan, Taguig City  
Tel. Nos. : 837-2071 to 82 (DOST Trunklines) Telefax No.: 837-3167  
<http://www.itdi.dost.gov.ph>



## ENVIRONMENTAL TECHNOLOGY VERIFICATION REPORT ON

### GARBAGE CONVERSION TO ELECTRICITY (GCiE)

(ETV-18-013)

Prepared by:

The Environmental Technology Verification (ETV) Group  
Industrial Technology Development Institute  
Department of Science and Technology  
Gen. Santos Avenue, Bicutan, Taguig  
1631 Metro Manila

For:

Maxi Energy USA, Inc.  
8A7 Francesca Towers, Scout Borromeo, South Triangle,  
Quezon City

December 2018

*This report is the result of an impartial, consensus-based approach to evaluating innovative environmental technology in accordance with the ETV Technical Protocol. The data presented are believed accurate and the analyses credible. The statements made and conclusions drawn regarding the product evaluated do not, however, amount to an endorsement or approval of the product in general or for any particular application or a warranty to the performance of the technology that it will always operate as verified.*

*Any opinions, findings, and conclusions or recommendations expressed in this publication are those of the Authors and do not necessarily reflect the view of the Department of Science and Technology. Mention of commercial product name does not imply endorsement.*

*The ETV Report/Statement must only be distributed/reproduced/quoted in full. No portion may be presented partially.*

Page 1 of 11



# Department of Science and Technology

## ACKNOWLEDGEMENT

The Environmental Technology Verification (ETV) utilizes a scientific and impartial approach to validate a technology's claim. As such, it is a concerted effort of the technology proponent, namely, *Maxi Energy USA, Inc.* and the ETV Group of the Industrial Technology Development Institute.

For the evaluation, the expertise of the ETV Technical Panel, consisting of the following members, was tapped:

Engr. Rochelle L. Retamar	Senior Science Research Specialist CPS-EBD-ITDI
Engr. Dante C. Vergara	Senior Science Research Specialist CPS-EBD-ITDI
Engr. Rodelma D. Perez	Science Research Specialist II CPS-EBD-ITDI
Engr. Prima Joy F. Margarito	Senior Science Research Specialist CPS-EBD-ITDI

*The ETV Report/Statement must only be distributed/reproduced/quoted in full. No portion may be presented partially.*

Page 2 of 11



## MEMORANDUM OF AGREEMENT

### KNOW ALL MEN BY THESE PRESENTS:

This Memorandum of Agreement is being made and entered into this 5th day of November, 2021 by and between:

**MAXI ENERGY USA, INC** represented by **FERDAN B. DACAYANAN, Chief Executive Officer (CEO)**, with office address at Corporate 145 Building, Suite 1415, 145 Mother Ignacia Avenue Brgy South Triangle, Quezon City, PHILIPPINES 1103 and 325 S. Raymond Ave. Suite C Alhambra, CA 91803 USA herein referred to as the "DEVELOPER."

and

**GREEN SECURE POWER SYSTEMS PVT. LTD.**, represented by **MR. RAJANDRA PRASAD JETTY, Chief Executive Officer (CEO)**, with office address at Greentech Square, 4th Floor Hyderabad 500033, Telangana, INDIA, herein referred to as **ENGINEERING, PROCUREMENT AND CONSTRUCTION COMPANY "EPC"**

### WITNESSETH THAT:

WHEREAS, "DEVELOPER" is a Corporation duly organized under the Corporation Laws of the Philippines, engaged in design, development, construction, installation, operations and maintenance of Waste to Energy Facilities (WTE) called **Garbage Conversion to Electricity (GCtE)**. "DEVELOPER" is a sister company of **MAXIENERGY, INC.**, a corporation organized under California, USA laws, engaged in the design, development, installation, operations and maintenance of Waste to Energy (WTE) Facilities.

WHEREAS, "EPC" is a Corporation duly organized and registered in Hyderabad 500033 Talangana, India, engaged in development, installation, construction, operations, maintenance, operators' training and consultation of Waste to Energy Technology and Landfill Management.

WHEREAS, this Memorandum of Agreement is a mutual understanding of the parties for the design, development, construction, installation, operations and maintenance of Waste to Energy Facilities in the Philippines.

WHEREAS, the parties shall be jointly and severally liable to third party/s to which either or both may engage with in relation to the purpose of this agreement.

WHEREAS, both parties shall comply with all works and financial commitments in carrying out the purpose of this agreement and provide all necessary services, technology, and financing in connection therewith.

NOW THEREFORE, upon mutual agreement and covenant of the parties bind themselves to comply with the following responsibilities;

#### MAXIENERGY USA, INC. (DEVELOPER)

- Negotiate with **Local Government Units (LGU)** and other clients to host the development and implementation of the GCtE projects.

Page 1 of 3



# Engineering, Procurement and Construction

- Responsible for the negotiations and documents preparation of project funding.
- Prepare Feasibility Study and other related researches and studies as condition precedent to acquisition of funding, permits and licenses.
- Prepare architectural design and engineering drawings of proposed GCtE Power Plant projects, including but not limited to land preparation, civil, structural, mechanical, electrical, fire safety, heating & air-conditioning.
- Provide GCtE design, drawings, permits, licenses and other pertinent documents required prior to the implementation of GCtE projects.
- Manage and supervise all levels of works in the construction up to commissioning of proposed GCtE projects.
- Purchases of equipment and materials shall be subject to approval by Developer
- Shall conduct geo-hazard survey and other land preparation activities.

## GREEN SECURE POWER SYSTEMS (EPC)

- To supervise the construction, installation and testing of equipment and accessories of GCtE projects.
- To serve as GCtE system experts in the construction, installation and testing of Grates Furnace Boilers and Turbine Generators.
- To serve as system expert in the installation and testing of auxiliary equipment such as ash extraction, lime injection, circulating water systems, Anhydrous Ammonia Injections in furnaces, and turbine lube oil, among others.
- Serve as system expert in the installation and testing of the facility's Continuous Emission Monitoring System (CEMS)
- Serve as system expert in the installation and testing of equipment monitoring emissions for guaranteed compliance to operation standards.
- To supervise and train local qualified personnel for the overall safe operation of the facility, specially the newly installed boilers and turbines.
- Develop site-specific training materials, counseling and remedial trainings
- To be available as soon as practicable during the facility's operations for consultation, trouble-shooting and timely repairs.
- Develop and implement standardized casualty control, plant operating and administrative procedures.
- To manage and supervise regular preventive maintenance.
- It shall guarantee that the facilities operate in compliance with applicable air emission standards and other regulatory requirements related to health and safety of the workers, community and environment.

### Non-disclosure:

All drawings, sketches, designs, plans, manuals, and other related technical documents shall be proprietary to DEVELOPER and cannot be used or shared to others, for any purpose, without the written consent of the company (DEVELOPER), its CEO, president or duly authorized representative.



A handwritten signature in blue ink, consisting of stylized letters.

# Engineering, Procurement and Construction

The parties shall hold and maintain the confidential information or data in the strictest of confidence at all times and to their agents, employees, representatives, affiliates, and any other individual or entity that is on a "need to know" basis. If any such Confidential Information shall reach a third party, or become public, all liability will be on the Party, publish, copy or use the Confidential Information for their sole benefit. If requested, either party shall be bound to return any and all materials to the requesting party within three (3) days.

For purposes of this agreement, the term "Confidential Information" shall include, but not limited to documents, records, information and data (whether verbal, electronic or written), drawings, models, apparatus, sketches, designs, schedules plans, marketing plans, technical procedures, analysis, compilations, studies, software, prototypes, sample, formulas, methodologies, formulations, project development plans, patent applications, know-how, experimental results, specifications and other business information, relating to WTE projects or business, assets, operations or contracts, furnished to the other party and/or other party's affiliates, employees, officers, owners, agents, consultants or representatives, in the course of their work contemplated in this Agreement, regardless of whether such Confidential Information has been expressly designated as confidential or proprietary. Confidential Information also includes any and all work products, studies and other materials prepared by or in the possession or control of the other Party, which contain, include, refer to or otherwise reflect or are generated from any Confidential Information.

The parties shall hold any and all Confidential Information until such time that the information no longer qualifies as a trade secret or written notice is given releasing the Company from this Agreement.

This Agreement expresses the complete understanding of both parties with respect to the subject matter and supersedes all prior proposals, agreements, representations, and understandings. This Agreement may not be amended except in writing acknowledged by DEVELOPER or its authorized representative.


The Parties acknowledge and agree that due to the unique and sensitive nature of the Confidential Information, any breach of this Agreement would cause irreparable harm which damages and/or equitable relief may be sought. DEVELOPERS in this Agreement shall be entitled to all remedies available at law.

#### Duration of Agreement

This Memorandum of Understanding shall be effective for fifteen (15) years from the date of signing. Approximately three (3) months before expiration, both parties will discuss expiration or renewal, based on an assessment of the continuing value of the agreement to both parties. This agreement may be subject to review by the parties every after perfected project contract, or upon notice by one party. The agreement may be terminated at any time upon written notification by one party to the other.

IN WITNESS WHEREOF, we have hereunto set our hands this 5th day of November, 2021



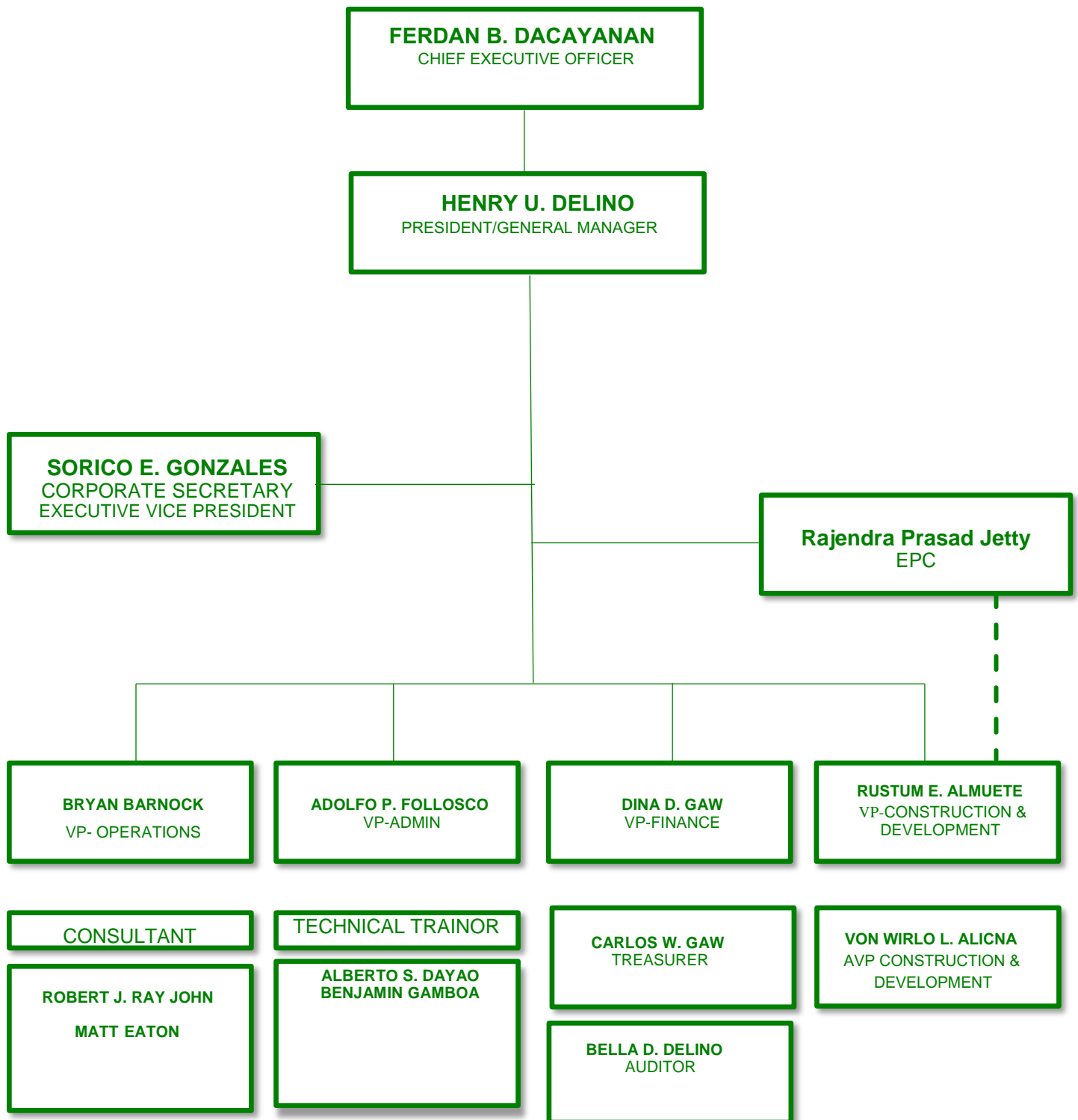
  
**FERDAN B. DACAYANAN**  
Chief Executive Officer (CEO)  
MaxiEnergy USA, Inc.  
(Corporate Seal)



**RAJENDRA PRASAD JETTY**  
Chief Executive Officer (CEO)  
Green Secure Power Systems Pvt. Ltd.  
(Corporate Seal)



# Organization Structure



## EDUCATION

Bachelor of Science in Chemical Engineering- 1974

## LICENSES

Licensed Power Plant Engineer, California, USA

Licensed General Contractor, California, USA

Certified Solar California Contractor, California, USA

## WORK EXPERIENCE

2007- present - Chief Executive Officer (CEO)  
Energy USA, Inc. a Waste to Energy (WTE) Company

2004- Present- Chief Executive Officer (CEO)  
Centerline Construction and Alternative Energy.  
A General Building Contractor and Solar Energy Company

1996-2004 - Project Manager  
Ex-Steel Engineering Corp.  
Managed Design, Steel Fabrication and Erection

1985- 1996- President  
Tasty Water Corporation- Design  
Installation and Manufacturing Engineer of Water Treatment Systems

1985-1989 -Power Plant Operating Engineer  
Los Angeles Unified School District, Los Angeles California, USA

1982- 1985 -Power Plant Operating Engineer  
Pasadena City College- Operated and maintained High Pressure Power  
Plants



**Ferdan B. Dacayanan**  
Chief Executive Officer

**MAXI**  
**ENERGY**  
INC.



## EDUCATION

Bachelor of Science in Civil Engineering (BSCE)  
University of Mindanao, Philippines

## TECHNICAL EXPERTISE

Rockwell Automation: RSLogix, FactoryTalk View SE Suite,  
PowerFlex  
ETAP, OSI communications, Modbus, CIP, MS Office Suite  
IEEE, NFPA, NETA Associate & Certified, NFPA 70E & 70B Trained

## WORK EXPERIENCE

2015- present – President/General Manager  
Energy USA, Inc. a Waste to Energy (WTE) Company

### Vice President

Centerline Construction and Alternative Energy. General Contractor  
And Solar Energy, California, USA, 2004-2015

### Vice President

Ex-Steel Engineering Corporation. Steel Detailing, Design,  
Fabrication and Erection, 1998-2004, California, USA



**Henry U. Delino**  
President/General Manager



**MAXI**  
**ENERGY**  
INC.

## EDUCATION

Student of Masters of Arts in Environmental Habitat Planning  
Saint Louis University

Bachelor of Science in Architecture  
Saint Louis University

## TECHNICAL EXPERTISE

Physical Planning  
Architectural Programming  
Geographic Information System Management  
Remote Sensing and Spatial Analysis  
Landscape Planning

## WORK EXPERIENCE

Architect / Designer / Inspector  
EMOJI CORPORATION

Architect  
INTEXT BUILDERS & CONSTRUCTION CORPORATION

Architect  
INFINITI ARCHITECTURAL WORKS

Architect  
MOUNTAIN HORIZON BUILDERS

Contractual Faculty  
SAINT LOUIS UNIVERSITY



**Rustum E. Almuete I**  
VP Construction and  
Development



## EDUCATION

Bachelor of Science in Civil Engineering

## LICENSES

Licensed Civil Engineer, Philippines

## TECHNICAL EXPERTISE

Project Management

Structural Conceptualization

Estimating and Quantity Surveying

## WORK EXPERIENCE

Estimation Manager

EMOJI CORPORATION (FORMER RM SAMURAI INC.)

Operations Manager

RM SAMURAI INC.

Project Engineer

TOTAL DEVELOPPEMENT MANAGEMENT CORPORATION

Project Engineer

LANDCO PACIFIC CORPORATION

Estimator

MAKATI DEVELOPMENT CORPORATION

Site Engineer

DDT KONSTRUCT INC.

Estimator

C&F CONSTRUCTION AND DEVELOPMENT CORPORATION



**Von Wirlo L. Alicna**

AVP Construction and  
Development



**MAXI**  
**ENERGY**  
INC.

## EDUCATION

IIM Bangalore

Executive General Management Program

Anna University, Chennai

B.E Electrical & Electronics

## WORK EXPERIENCE

2015- Present – Director/CEO

Green Secure Power Systems Private Limited

2005-2015 – Head Marketing & Business Development

Greenesol Power Systems Private Limited

## ACCOMPLISHMENT

Total Order Booking – 800 Mn USD, 4500 MW in 15 Years time frame.

Lead Role in Developing Customer Base in Sugar and Cement Plants in India

Establishing Presence in Exports in New and Developing Countries

Setting up of a Modern Sugar Co-Gen Complex at Kolhapur

Development of Feed Pump Drive Business in India for HTC

Attended FIDIC young professional program

Dispute Resolution & Arbitration program in LICA (London International Court of Arbitration)



**Rajendra Prasad Jetty**

Project Director

**MAXI**  
**ENERGY**  
INC.



## EDUCATION

Bachelor of Science in Architecture  
Saint Louis University

## TECHNICAL EXPERTISE

Physical Planning  
Architectural Programming  
Landscape Planning

## WORK EXPERIENCE

Project Manager  
AV ARCHITECTURE-CANADA

Design Architect  
MLNC & All Ventures Architecture

Design Architect  
DR. LORD BYRONG GONZALES



**Dyvid George F. Ferrer**

Architect 1



**MAXI**  

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**ENERGY**  
INC.

## EDUCATION

Bachelor of Science Mechanical Engineering

Technical Expertise

Project Management

Structural Conceptualization

## WORK EXPERIENCE

2013- Present - Manager and Business Development  
R&R Beth Filtration, LLC Atlanta, Ga

2016-2013 - Manager and Business Development  
Weis Environmental, LLC, Memphis, TN

1997- 2006- Sales Engineer Manager  
LTG Air Engineering, LLC, Spartanburg US

1995-1997 - Production Supervisor  
Flintlock, LTD. Houston Texas

1990- 1996 - Production Supervisor  
Flintlock, LTD. Houston Texas

1990- 1996 - Technical Consultant  
Government of State of Tamaulipas. Mexico

1987-1990 – Production Manager  
Iara Mining Company, Romania



**Petru M. Singeorzan**

Technical Consultant



**MAXI**  
**ENERGY**  
INC.

## EDUCATION

Nuclear Planner  
Charleston Naval Shipyard – 1989

Nuclear Machinist Mate  
Nuclear Propulsion Training Unit, Idaho Falls, Idaho - 1982

## CERTIFICATION

Chief Facility Operator QRO-OP1061  
American Society of Mechanical Engineers - 2009

## WORK EXPERIENCE

1993- 2005 – Power Plant Operator  
2005- 2007 – Energy Recovery Maintenance Supervisor  
2007- Present – Energy Recovery Superintendent  
Los Angeles County Sanitation Districts of Los Angeles,  
Los Angeles, CA

Nuclear Machinist Mate First Class, Submarines 1980 to 1993  
Served in multiple capacities such as Nuclear Planner,  
Nuclear Work Coordinator, Resin Discharge Coordinator,  
Machinery Division Leading First Class Petty Officer,  
United States Navy, San Diego, CA



**Robert J. Ray**

Technical Consultant



**MAXI**  
**ENERGY**  
INC.

## EDUCATION

2009-Autocad - Tampa Technical Institute  
Machine Shop Technology - Bataan National School of Arts and Trades

## TRAINING'S

Bently Nevada 3500 Rack operations and Maintenance  
Houston, Tx - July 24 – 26, 2019  
System 1 Classic Training-Bently  
Nevada, Houston, Tx

Level II Vibration Analysis with Technical Associates.  
CSI, Entek-IRD, Microlog, COCO 80/90, VB8.

Safety Council of Southwest Louisiana, Lake Charles, LA-3/6/10/2015;

Delaware Valley Safety Council and Sunoco Safety Training

NSTC-Un-escorted North Slope Safety Orientation(Awareness Level)  
Course-Anchorage, AK-7/15/2013

Arctic Pass Tier II-Anchorage, AK-3/27/2013

With valid TWIC and Safety Basic Plus.

## WORK EXPERIENCE

August 1, 2022 - Maintenance Mechanic – Trainer  
Covanta HPOWER – Kapolei, Hawaii, USA  
Mechanical Specialist – August 2021- July 1, 2022  
Bluewater Energy Solutions – Projects: Fulcrum Sierra Biofuels Project,  
McCarran; Nevada, Xcel Energy, Wescott, MN  
Senior Commissioning Tech | March 2015 - December 2019  
McDermott International, Freeport LNG Project, Freeport, TX; Cameron LNG,  
Hackberry, La; Sunoco SXL Project. Marcus Hook, PA  
Mechanical Commissioning Specialist | March 2013 - February 2015  
Jago/Kentz | North Slope, AK  
Senior PdM Specialist/Mechanical System Owner, Bartow Plant  
Power Station | May 2003 - March 2013  
Duke Energy | St. Petersburg, FL  
Senior Predictive Maintenance Specialist - April 2001 – May 2003  
Dynegy Midwest Generation I Alton, IL  
Field Service Manager - June 2000 – April 2001  
D. M. S. Electric Apparatus Service, Inc., Kalamazoo, Michigan  
Rotating Equipment Supervisor/Reliability Coordinator –  
December 1994 – May 2000  
Clark Refining and Marketing, Blue Is. Refinery, Blue Island, Illinois



**Leonardo B. Cruz**  
Mechanic Trainer



## EDUCATION

Bachelor of Science in Mechanical Engineering  
North Orange County Adult Education, Intermediate SolidWorks  
Basic and Intermediate AutoCAD  
Basic Machining Training

## WORK EXPERIENCE

Mechanical Design Engineer Dec, 2014 to Present  
Advanced Structural Technologies 950 Richmond Ave. Oxnard  
Ca 93030(Die Forging Company)

Tool Engineer Jun, 2008 to Oct 10,2014  
Alcoa Fastening Systems 3000 W. Lomita Blvd. Torrance,  
CA 90505 (Aerospace Fasteners)

Tool Designer Jan, 1994 to Jun, 2008  
Bristol Industries, Inc. 630 E. Lambert Road,  
Brea Ca 92821 (Aerospace Fasteners)

Drafting/Design Aug, 1990 – Jul, 1993  
Hirt Combustion Engineering 3659 San Gabriel River Pkwy,  
Pico Rivera, CA 90660

Leading Petty Officer, United States Navy  
SIMA Portsmouth, 1980



**Benjamin Gamboa**

Technical Trainer





# Project Portfolio

# On Going Projects

## **Laguna Waste to Energy Facility**

Client: LGU Laguna

Waste to Energy Research and Planning.

*Scope: Data gathering, Environmental Impact Assessment, Site Selection Study, Land Utilization Study and Conceptual Planning*

Waste to Energy Facility Design and Construction

*Scope: Permits and Clearances, Design Development, Plant Process Planning, Construction Management, Supply of Machineries*

## **Cavite Waste to Energy Facility**

Client: LGU Cavite

Waste to Energy Research and Planning.

*Scope: Data gathering, Environmental Impact Assessment, Site Selection Study, Land Utilization Study and Conceptual Planning*

## **Pangasinan Waste to Energy Facility**

Client: LGU Pangasinan

Waste to Energy Research and Planning.

*Scope: Data gathering, Environmental Impact Assessment, Site Selection Study, Land Utilization Study and Conceptual Planning*

## **La Union Waste to Energy Facility**

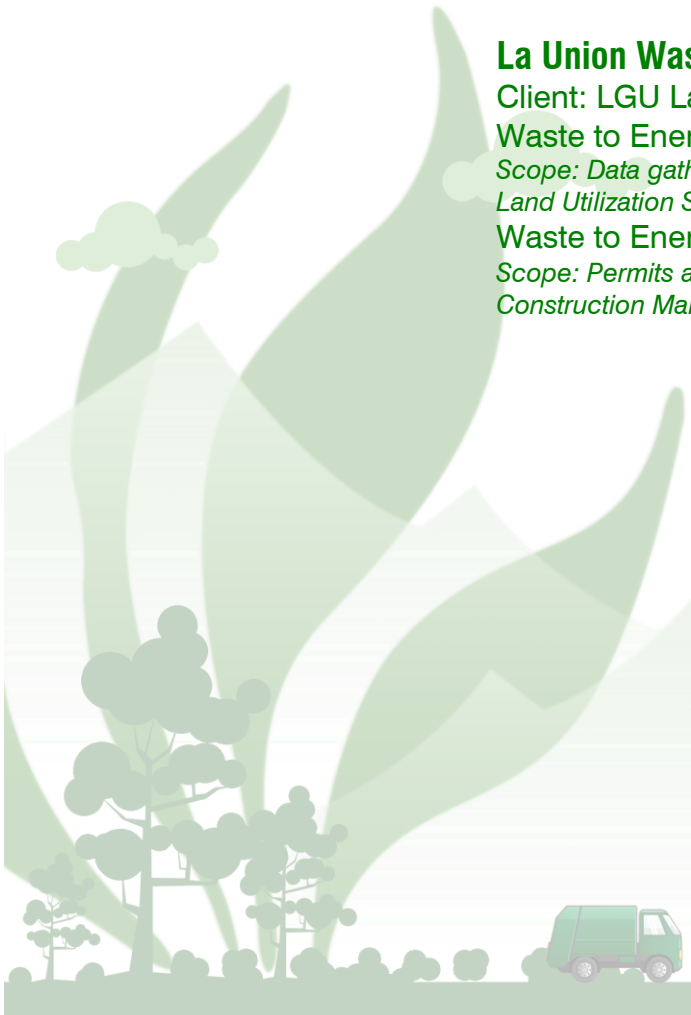
Client: LGU La Union

Waste to Energy Research and Planning.

*Scope: Data gathering, Environmental Impact Assessment, Site Selection Study, Land Utilization Study and Conceptual Planning*

Waste to Energy Facility Design and Construction

*Scope: Permits and Clearances, Design Development, Plant Process Planning, Construction Management, Supply of Machineries*



# On Going Projects



## **Laguna Waste to Energy Facility**

Client: LGU Laguna  
Waste to Energy Research and  
Planning.

*Scope: Data gathering, Environmental Impact  
Assessment, Site Selection Study, Land  
Utilization Study and Conceptual Planning*

**Waste to Energy Facility Design and  
Construction**

*Scope: Permits and Clearances, Design  
Development*



# On Going Research

## Used Contaminated Oil (UCO) to Energy

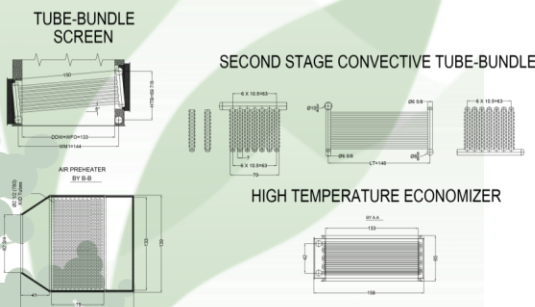
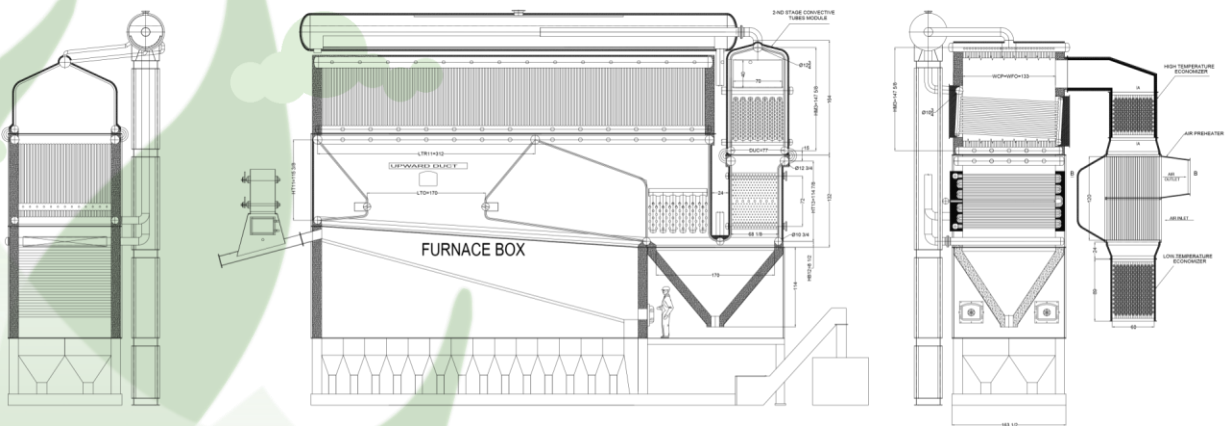
Used Contaminated Oil (UCO) is now one of the huge worldwide concerns, according to the report of West Bend dated 01/09/2019 approximately 1.3 billion gallons of contaminated used oil are generated from the crankcases of different automobiles trucks, Engine oil from Ships, used cooking oil , grease, Lubricating oil , Bunker oil, Hydraulic fluids, Transmission fluids and petrochemical refineries etc. and approximately 200 million gallons of this oil is not properly disposed of. The University of Virginia (UVA) and the United States Environmental Protection Agency (USEPA) established a Standard Operating Procedure (SOP) for used oil disposal, unfortunately this SOP is not strictly followed. The study said that oils that enter storm drains and waterways are a serious environmental hazard. One gallon of used oil can pollute 1,000,000 gallons of fresh water permanently if not removed. The guideline passed by the International Marine Organization (IMO), prohibits burning their used engine oil, the United States of America stopped using bunker oil, other countries like Mexico, Turkey, Philippines, Malaysia, United Kingdom, Australia , Japan and more other countries worldwide are having issues in disposing of these contaminated oils. Dumping fee according to Texas State University is about \$1.00/gallon of contaminated used oil.

Contaminated Engine Oil and Municipal Solid Waste as Fuel to generate energy.

MaxiEnergy developed the first of it's kind Mix-Fuel of Solid Municipal Solid Waste (MSW) and Contaminated oil to generate renewable energy. Using mixed fuel increases the generation capacity of the power plant due to the consistent temperature inside the furnace that will result in a higher percentage of attaining the desired target Energy generation.

Emission Control:

Flue gas emission from the mixed-fuel can be treated by injecting solvents into the thermal combustion process that will comply with the stringent emission limits prescribed by the host Country and or State.



ALL DIM AND CONFIGURATIONS ARE APPROX. AND SUBJECT TO CHANGE  
 SOME ITEMS OMITTED OR ROTATED FOR CLARITY  
 SEE DRAWING 201 & 201A FOR PLAN/ELEVATION VIEW  
 MIN. INSIDE BUILDING HT TO BE 7' ABOVE BOILER MANWAY

PRELIMINARY DRAWING FOR REVIEW ONLY.

3200 HP 700 PSI DESIGN WATER TUBE BOILER

# Projects Participation

**Greenesol Power** core competence lies in Engineering, Procurement & Construction (EPC) of Power Plants in the range of 8 MW – 350 MW and major heavy industries.

Greenesol Power Systems Pvt Ltd., started in the year 2003 under long term business co-operation with M/s. Hangzhou Steam Turbine Company, pioneers and leaders in the field of Turbo Machinery, having their major manufacturing unit and head quarters in People's Republic of China.

In the year 2005 the long terms business association had been further strengthened by signing Joint Venture MOU with Hangzhou Steam Turbine Company, People's Republic of China.

**Waste to Energy Facility**  
HMESPL Phase – I (Ramky-KKR Group) 23.8 MW

**Waste to Energy Facility**  
JBM Enviro Management company  
11 MW

**Waste to Energy Facility**  
Pune Bio Energy WTE Plant 15 MW

**Waste to Energy Facility**  
HMESPL Phase – III Dundigal (Ramky-KK Group) 14.5 MW



40 MW Steam Turbo Generator Set



Double Internally Controlled Extraction Steam Turbine



45 TPH Boiler



Turbine

