

THE SYNERGY

IN COMBINED ACTION AND OPERATION, WE BUILD THE FUTURE

GNPD contributes to create a beneficial environmental impact

24th Technical Forum: "Philippine Coal Plants: Coping Up with Climate Change"

Synergist: CJ Pascua



GNPower Dinginin Ltd. Co (GNPD) truly makes its commitment to the environment. With that, the company participated in the 24th Philippine Coal Plant User's Group (PCPUG) forum with the theme "Philippine Coal Plants: Coping Up with Climate Change" on April 27-28, 2023, at Seda Vertis Hotel in Quezon City. The event was attended by 19 coal power plants throughout the country and 270 individuals, all of whom shared the same goal of finding ways to mitigate the impact of coal power plants on the environment.

GNPD Plant Manager, Anton Besarlis shared his insights about, "Energizing Power through P.R.O.G.R.E.S.S.", to show the company's approach to energy generation, technical side, and how it is contributing to the environment and community. The flagship CSR P.R.O.G.R.E.S.S. stands for - Protect marine life, Reforest Land, Optimize wealth from waste, Generate livelihood skills and income, Rehabilitate social infrastructure, Elevate educational opportunities, Safeguard quality health access, and Strengthen disaster resiliency.

GNPD has fueled community programs that aim to contribute to the environment's cultivation. These programs include initiatives to promote reforestation, waste management, and environmental conservation. The company is also working with local communities to support sustainable livelihood and scholarship programs, helping improve the lives of people in the region.

The company is technically a greenhorn to the coal industry. But as we move forward building the future through our massive transformative purpose, we commit to giving back to nature and take the community where the business operates to achieve the balance that we all aim in achieving a better future as we gear ourselves to the modern generation. ■

Opera-things

Synergist: Garbien Ken Fulgencio

Ah, the GNPD Operating Department. This always sounded to me like a hospital department composed of surgeons and anesthesiologists. Other than this, perhaps the only thing you could think of now is that they are the reason why you and your crush (or friends) were assigned to different batches in our team-building activities. And they actually are. The schedule was made to accommodate 5 shifting groups who do not use the same calendar normal people have. But before you roll your eyes when you visit the central control room, let me introduce and give a few facts about the people who do not know what day it is anymore: The Operating Department.

The Operators are mostly from the three batches of cadet engineers who are products of GNPower Training Center's cadetship program. The first batch started in February 2017, long before the plant's towering chimney was constructed. The second batch came in on April 2018, around halfway through the chimney's construction progress. And the third batch came in on February 2020, just after the chimney was painted with red and white stripes. Altogether, they form one of the youngest groups of professionals for the largest power plant in the country.

The Operators are responsible for safely starting up, shutting down, and operating (not the kind surgeons do) the running plant within design limits. They also take the lead in monitoring and protecting the safety of personnel, the environment, the plant, and all its equipment. And lastly, if not most important, they make sure they have fun doing these things for 12 hours every shift.

The Operating Department has made strides in boosting reliability and efficiency proven by numerous personal best records broken in recent months. These include the Materials Handling Group's fastest ship unloading of just 1.43 days in November 2022. Unit 1's fastest return to service of just 36 minutes after the grid-initiated SIPS trip. Unit 2's longest continuous running days are from January 9 to March 28, 2023 (78 days). This was previously held by Unit 1 which was from September 12 to November 26, 2022 (75 days). And of course, the Operating Department holds the record of the biggest population of any department in GNPD with 144 people. A record previously held by the Operating Department with 139 people.

These, trust me, are really good numbers in terms of how well our young power plant is performing; except for the population one, I don't know how it relates to the department's performance. These records only exhibit that the operating department sets the standards for excellence across the entire GNPD community. You can roll your eyes now. ■



Team and Employee Spotlight

- GNPD Operating **Team Bravo** deserves a commendation for their excellent performance on February 9, 2023, and March 21, 2023, when they brought the Unit 1 back online on a record of 57 minutes and 36 minutes respectively. Kudos as well to **Dustin Jake Sta. Maria** and **Fretch Royette Ybanez** on their exceptional performance to achieve the fastest time to return to grid after System Intergrity Protection Schemes (SIPS).
- GMEC Mechanical Turbine Section, **Mike Lorenz Panganiban, Rowell Barata, Jose Caragay, Reynante Gatdula, Brian Flores and Eddie Enoc.** together with Turbine Systems Engineer, **Nessandro Duyan and Mark Joseph Sunga,** planner **Ryan Hope Serrano,** and workshop machinist **Regie De Leon** with support from OMT **Jefferson Villanueva.** They performed rectification of several concerns/issues related to Unit 2 which eliminated critical risks on the Unit which could lead to much bigger issues if not addressed immediately. Specifically for the hydrogen leak, it could have been much worse if the leak was not addressed immediately.
- GMEC **Team Echo** achieved the first 100% start-up score and sets a new standard for the OPS Team. The 100% rating was attributed to focus operation, attention to details, and adhering to start-up procedures.





GMEC ISO certification journey continues

Synergist: Jane Nicdao

GNPower Mariveles Energy Center Ltd. Co. (GMEC) has again demonstrated its continuing commitment to employ sustainable practices and engage effective controls to minimize pollution and/or eliminate any potential adverse impact to the environment within the premises and its surrounding community with its achievement of recertification to ISO 14001:2015 (Environmental Management Systems Standard) on the recently concluded audit conducted on February 9 and 10, 2023 with zero nonconformity. The 2-day audit was conducted by a team of eight (8) auditors from TUV Rheinland Philippines, GMEC's certifying body service provider.

Simultaneously, GMEC has also proven its commitment in providing quality, reliable and cost-effective power to the highest standards of customer satisfaction with emphasis on maintaining an accident-free and healthy environment for its people and surrounding community by passing the surveillance audit of ISO 9001:2015 (Quality Management Systems Standard) and ISO 45001:2018 (Occupational Health and Safety Management System) which was conducted concurrently of the same audit team from TUV Rheinland Philippines. The audit was also concluded without any identified nonconformance for both management systems.

GMEC has been certified to ISO 14001: 2015 (Environmental Management Systems Standard) since 2017 while the certification for ISO 9001:2015 (Quality Management Systems Standard) and ISO 45001:2018 (Occupational Health and Safety Management System) was achieved in 2018.

The continuing certification to these international standards is GMEC's demonstration of its commitment to excellence as the first-choice power provider in the Philippines. ■

LEADERS' POV

Their Insights. Our Guide.



Dennis Jordan
President & CEO
GMEC-GNPD

“ Make the textbook becomes a reality, and it's all up to you to implement those. Bring your team together, challenge each other. And hopefully after five years, you can look back and say, we've done and achieve this because we said we will do from the start. ”



Emmanuel Lopez
Chief Operating
Officer
GMEC-GNPD

“ We distinguish ourselves from the rest in our constant pursuit of excellence and the undying desire to be of service to one another and our nation.”



Ryno Lacock
Chief Technology
Officer
GMEC-GNPD

“ Communication plays a strong role in shaping the culture. We all have a big part to play in actively and effectively engaging, participating, collaborating and working together. In doing so we create the culture of synergy.”

P167.4M worth of GMEC Cement Credits contributes to infra projects of Bataan LGU

Synergist: Jeps Mendoza

The local government unit of Bataan has so far implemented 353 infrastructure projects in the province from the around Php 167.4 million-worth of cement credits of GNPowder Mariveles Energy Center Ltd. Co.

In reference to the Total Ash Management Program (TAMP) of GMEC's by-product, ash, the company with the help of a third-party off-taker collects the ash generated from the combustion of coal and translates the price "paid" for the ash into credits for physical cement products that will then be utilized for the infrastructure projects of Bataan LGU.

Since the MOA was formalized last August 30, 2012, the Bataan LGU has already completed various infrastructure projects such as farm-to-market roads, multi-purpose halls, livelihood centers, community offices and service-oriented buildings, school buildings and daycare centers, hospital improvements, environment and safety-related constructions, among others.



Among the latest projects that benefitted from the cement credits this year are the Morong District Hospital and Bataan Peninsula State University both in Morong, Bataan. A total of 972 cement bags worth PHP 238,140.00 were donated for the construction of Bataan Peninsula State University Phase I, and a total of 22,073 cement bags worth PHP 5,407,885.00 were donated for the construction of Morong District Hospital.

"The partnership formed between GMEC, and the Bataan LGU has created significant contributions to the task of nation-building which includes the construction of infrastructure and development projects as part of our CSR PROGRESS flagship program," said GMEC AVP for Community Relations Arcel Madrid.

GMEC saw the potential of donating the cement as a unique opportunity for all parties to be part once more of a driven effort to safeguard the environment and build a nation, by transforming an erstwhile common by-product into an integral component of infrastructure progress. ■



Pillars of care to the environment

Synergist: CJ Pascua

Capturing the top of Mt. Tarak GNPDP's reforestation site was not an easy task. It was a challenging 45-minute to one-hour climb that required every bit of strength and determination from our squad when we had coverage and immersion on the field. But as we reached the zone, we were rewarded with the sight of the reforestation location, the GNPDP power plant is being seen from a far.

The dedication and passion that the reforestation team brings to their jobs every day is notable. They climb the rugged terrain of Mt. Tarak, with almost 2.5 km, to maintain 130 hectares of land. At the top, they have built barracks to shelter them from the elements. As they go around the vicinity of the site, it is necessary for them to have their companion for safety. Rain or shine, they are always there, nurturing the seedlings that will one day grow into majestic trees that will help sustain our environment.

In today's world, where climate change is an alarming threat, their task speaks about profound message of hope. It is a tribute to the unsung heroes who work tirelessly help to protect our environment. As we celebrate Earth Day every April 22, let us acknowledge the urgent need to act and safeguard our environment. The reforestation team at Mt. Tarak is a shining example of what can be achieved when we work together towards a common goal. They are the pillars of care for the environment, planting and tending to the trees that create a thriving balance that benefits the environment and future generations.

It is our duty to support them in their noble cause so that we can all live in a world that is sustainable and vibrant as we achieve and provide reliable energy for the community and our country. ■

GNPD launches Project LEAP

Synergist: Jane Nicdao

GNPD embarks on the journey towards certification of its integrated management systems subscribing to ISO 9001:2015 for Quality Management, ISO 14001:2015 for Environmental Management, and ISO 45001:2018 for Occupational Health and Safety Management system as it launches the GNPD Project LEAP with the theme Leading Excellence, Advancing Performance on February 21, 2023, attended by the GNPD Top Management and selected Project Committee members. The GNPD LEAP Project, spearheaded by Corporate Services Unit Safety, Health, Environment Security/Risk and Assurance Department (CSU SHES/R&A) aims to bag international accreditation by December 15, 2023.

To further equip the management on their roles as GNPD leaps towards a higher level of excellence, an Executive On-boarding Training was conducted by Grace Management Consultancy and Training Services on March 12, 2023, which was attended by the President and CEO, Dennis Jordan, and Chief Operating Officer Emmanuel Lopez who both emphasized the impact of management system excellence to ensure consistency in meeting GNPD goals and objectives in their respective messages. The session was also attended by other members of the management team of GNPD and CSU. In addition, a 2-day workshop and orientation were conducted and attended by 25 Project Committee members focusing on documentation, implementation, and monitoring process towards the certification.

The IMS certification journey is proof of GNPD's commitment to empowering progress and ensuring the satisfaction of GNPD's applicable stakeholders and interested parties consistently and continuously. ■



*Coal-leagues,
did you know
that...*

GNPD has the widest jetty, highest chimney, and largest coal dome in the Philippines.

Chimney height : 240 meters

Coal Dome diameter and capacity : 130 meters; 275, 000 metric tons

Jetty Area measurement: 510 meters x 26 meters

MH Team Echo ongoing Training Development Project update

Synergist: Chris Arconcil

Materials Handling (MH) Team Echo continuous training plan started last January 25, 2023 and will remain throughout the year. The objective is to make use of the training days to hone the entire group to become competent to operate all fields of MH plant and equipment. MH Echo values personal development and aims for flexibility to adjust quickly and calmly in dealing with unexpected manpower challenges. ■



GMEC-GNPD gives deeper meaning of birthdays

Synergist: Jeps Mendoza

GNPower Mariveles Energy Center Ltd. Co. (GMEC) and GNPower Dinginin Ltd. Co. (GNPD), through its community arm, the Community Relations department, continue to create a fun and inclusive environment in the workplace. For 2023, Project Saysay continues to be an avenue for collective action for its volunteers and a channel of hope for its beneficiaries.

GNPD birthday celebrators from January to April chose the Down Syndrome of Mariveles, the Aeta Community in Bataan, Bataan, the empowered women of Mariveles, and the Autism children of Bataan, respectively. The birthday celebrations prepared a simple program for each of their beneficiaries.

On the other hand, GMEC birthday celebrators from January to April chose the Dialysis patient in St. Nicholas Dialysis Center in Bataan, Magbukon Tribe - Aeta Community in Dangcol Balanga, Bataan, Down Syndrome Kids from different towns of Bataan, and also the Autism children of Bataan, respectively. GMEC also prepared a program and token for each of their beneficiaries.

The beneficiaries thanked the company and the celebrators for their initiative and for being an effective instrument of hope and touching the hearts of communities in Mariveles.

Project Saysay is a Plant-a-Love community outreach and an employee-led volunteer activity where birthday celebrators from GMEC/GNPD choose a community or a group to celebrate their special day with a cause. ■





Love runs through the Blood

Synergist: Sherine Yetyet

GMEC’s celebration of Valentine’s Day on February 14, 2023, is one of the most meaningful events this month as GMEC held its Blood Donation Drive. A total of 81 bags of clean blood were voluntarily donated by 52 GMEC employees, 2 GNPD employees and 27 GMEC contractors.

The Blood Donation Drive in partnership with the Philippine Red Cross Bataan Chapter is a heroic activity of GMEC employees are looking forward every year with GMEC contractors. The donated blood is stored in PRC Bataan’s Blood Bank and will be processed when someone needs it. In return, donors received a simple token of appreciation from GMEC and PRC and a Blood Donor’s Card. ■



GNPD turns over Sitio Aguawan Health Clinic renovation to LGU

Synergist: Shaidel Murillo

March 27, 2023- The GNPD has successfully renovated the health clinic in Sitio Aguawan, Brgy. Sisiman, Mariveles, and Bataan. This Corporate Social Responsibility (CSR) project is about sustaining the well-being and good health of the people in the community.

“Ako ay lubos na nagpapasalamat sa GNPD sa patuloy na pagtulong at suporta sa ating mga kababayan lalo na sa Barangay Sisiman. Lagi silang handang tumulong sa ating mga pangangailangan,” shared by Barangay Chairman Honesto Cabanillas.

Sitio Aguawan Health Clinic is one of the most recent initiatives launched by GNPD as part of ongoing efforts to improve healthcare services in the country in accordance with the United Nations Sustainable Development Goal No. 3 which is to ensure healthy lifestyles and promote the well-being of people of all ages.





GNPD
*Empowering
Progress*

GNPD

GNPower Dinginin Ltd. Co. (GNPD) is a 2x725 MW (gross) coal-fired power plant in Mariveles, Bataan which is considered by far the biggest coal-fired power plant in the country today, spanning 30 distribution utility contracts and two retail electricity suppliers.

GNPD operates under the private limited partnership of AboitizPower's Therma Power, Inc. and AC Energy Holdings, Inc., Ayala Corporation and Power Partners Ltd. Co.

UNIT 1 of the project has been generating power since March 2021 and went on commercial operation on December 2, 2021.

Unit 2 successfully synchronized to the grid on April 23, 2022 and on May 27, 2022 it started to operate at its full load capacity.

Certificate of Compliance was awarded to GNPD Unit 2 last October 11, 2022. ■

GMEC

GNPower Mariveles Energy Center Ltd. Co. is a private limited partnership registered with the Philippine Securities and Exchange Commission since 2007. It is a special purpose entity organized to engage in the development, construction, operation, and ownership of the 2x345 MW (gross) clean coal-fired power plant in Mariveles, Bataan, Philippines.

GMEC achieved commercial operation on January 27, 2014 for its two (2) units and it operates under the private limited partnership of AboitizPower's Therma Power, Inc. and AC Energy Holdings, Inc., Ayala Corporation and Power Partners Ltd. Co. ■

About the Synergy

Synergy means the combined effort and power of a group of things when working together is greater than the total power achieved by each working separately. We believe that working together produces great effect most importantly in the business where we operate.

In combined action and operation, we build our future. Let's keep the energy, keep the SYNERGY. ■



GMEC
*Your First
Choice*

BEHIND THE SYNERGY

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