

# BUGHAW *ng* ZAMSURECO-I

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## ZAMSURECO-I REAPS AWARDS AT NEA LUMENS CEREMONY

ZAMSURECO-I reaped three (3) awards at National Electrification Administration (NEA) 2017 Lumens Ceremony last April 28 held at Big 8 Corporate Hotel, Tagum City, Davao del Norte.

General Manager & CEO Jose Raul Saniel and Board of Directors headed by Board President Perla G. Sudiang of ZAMSURECO-I received the awards conferred by NEA headed by Admin Masongsong.

For years, ZAMSURECO-I showed consistency on its business performance as it maintained its electric cooperative (EC) classification of "Triple A (AAA) Mega Large Category," which signifies the Coop's compliance on financially driven parameters and operational performance standards.

Decades on, the Coop sustained its 11-year streak of "100% Collection Efficiency" award which majorly contributed to the financial standing of the Coop. Based from NEA's standards, a Coop's collection efficiency composes a vital factor in the criteria for the EC classification.

A newly debuted award on "Special Citation as Fully Compliant EC

on Reportorial Requirements" was also secured by the Coop for being recognized as fully compliant in the submission of its organizational reportorial requirement for two (2) consecutive years (2015-2016).

Currently, the Coop continues to rise above industry challenges as the Coop maximizes its resources to an effective and efficient electricity service for its member-consumers.

Based from Memorandum No. 2014-001 approved by Department of Energy (DOE), NEA set a guideline prescribing a mechanism for the assessment of performance of ECs nationwide.

The Lumens Awards is a recognition ceremony for best performing electric coops in the country, which is conducted by NEA since 2007.





## MAGMA 2017 ATTENDED BY 27,632 POWER CONSUMERS

A massive total of 27,632 member-consumers flooded in the Municipal Annual General Assembly (MAGMA) conducted in Pagadian City and 24 different municipalities, that took a successful run from April to May 2017.

The Institutional Services Department of ZAMSURECO-I reported that 24.5% of the total membership of 112,931 power consumers attended one of the biggest consumers' welfare event of the year. The municipality of San Pablo held the highest attendance of 1,862 member consumers while Lapuyan and Tambulig tied in garnering the second highest attendance of 1,633 member-consumers.

ZAMSURECO-I Management, Board of Directors, MSEAC and AccDels campaigned for member-consumer's landslide attendance as MAGMA serves as the annual convening point of ZAMSURECO-I and its member-consumers to lobby service concerns and power discussions.

This year's MAGMA was swamped with Coop's informational updates, innovations and year 2016 accomplishments reported by General Manager & Chief Executive Officer Jose Raul Sanie. GM Sanie enlarged the scope of his report in a thorough discussion about the recently sixteen (16) implemented policies concerning employee growth and welfare, CSR activities, on-going system innovations and major operation development on its technical, financial and institutional aspects.

GM Sanie's report on Nationwide Intensification of Household Implementation (NIHE) and Solar Photovoltaic (PV) mainstreaming ignited major interest from a large number of member-consumers as the government's programs - NIHE & Solar PV Mainstreaming pushed for electricity access to unserved and unelectrified rural households. (Continue on next page)





The NIHE program provides a household connection subsidy amounting to Php 3,750 targeting beneficiaries who are financially incapable to apply for a service connection or members of 4P's. The implementation of the project is expected to reach all municipalities and city within the franchise area of ZAMSURECO-I. The program is funded by the Department of Energy (DOE) with an approved budget of roughly Php 8.6 million.

GM Saniel differentiated the features between NIHE and Solar PV mainstreaming as the Solar PV is fit for households located outside the grid and isolated areas, which poses incapability of far-flung households to connect to ZAMSURECO-I's distribution lines. Beneficiaries will be free of charge in its first cost-installation as it will be sourced from government subsidy.

At present, consumers' applications for NIHE & Solar PV mainstreaming is on-going, facilitated by Technical Services Department for evaluation and assessment.

MAGMA 2017 expanded the participation of member-consumers by providing sufficient time to interact with management and District Directors. Questions from power interruptions, government programs to power costs were asked which were duly discussed by the members of the Management.

The MAGMA per municipality ended with an AccDel election to join the upcoming ARRA and a raffle draw of kitchen, living room and entertainment showcase.





## AREA-1 COMPOUND & EDIFICE RENAMED AFTER PIONEERING GM LAGURA



**A**rea-1 compound and Multi-Purpose Hall recently acquired its newest name in honor of ZAMSURECO-I pioneering Retired General Manager (RGM) Bonifacio B. Lagura on his 90th birthday celebration last 05 June 2017.

GM SanieI unveiled the new signage in the said area during his birthday speech to RGM Lagura saying, "We will continue to preserve your legacy." RGM Lagura sealed firm handshake with GM SanieI expressing gratitude on the said act, witnessed by ZAMSURECO-I workforce, Board of Directors, retired employees and RGM Lagura's kin.

Current Management headed by GM/CEO Jose Raul SanieI and Board of Directors motioned a Board Resolution No. 69 & 69-A adapting a new name title for the compound and edifice as the area carries a significant part in the Coop's history.

The Area-1 premises, now referred to as "Bonifacio B. Lagura Compound and Multi-Purpose Hall," is known

to be the first home headquarters of ZAMSURECO-I built in 1970's where the Coop took over its start-up manual operations. Raw materials for pole construction were first housed in the said area as well as its administrative offices. The landmark is viewed to be historic as it is where the Coop's first milestones and challenges in the power distribution industry emerged.



The initiation was made as a birthday present to the pioneering GM. RGM Lagura, considered as the Father of ZAMSURECO-I, is held instrumental in the socio-cultural and economic development in the parts of Zamboanga del Sur as his role resulted in the first-time distribution of power in municipalities and rural areas of the province.

The historic gesture was made to mark the legacy built by RGM Lagura in the electrification and improvement of the municipalities of Zamboanga del Sur.

# Z-1 WORKFORCE TROOP OUT TO CONDUCT BRIGADA ELECTRIC CHECK 2017

**Z**AMSURECO-I workforce trooped out from their respective offices last May 15-19 to conduct its “2017 Brigada Electric Check” to public schools, local government units (LGU) and churches within its franchise area.

Organized into 31 teams, employees were deployed to their assigned areas equipped with electrical materials needed for repair and rehabilitation. Each team was composed of team leaders and recorders who are linemen, meter readers and office personnel to fully aid the execution of technical inspection and documentation procedures of each location.

Now on its 9th year, the Brigada Balik Eskwela Electric Check enabled employees to imbibe the spirit of Filipino volunteerism as each team manhandled massive inspection and repair on electrical connection of classrooms and school buildings. Stuck-up and old meters were also



replaced and positioned at better angles to be more accessible for meter reading.

Board of Directors, MSEAC and AccDels also supported the cause as they attended the extensive conduct of the activity.

In a span of four consecutive days, ZAMSURECO-I workforce inspected a total of 255 public schools with 1941 classrooms checked and rehabilitated in Pagadian City and 24 municipalities in Zamboanga del Sur. The activity was conducted in preparation for the opening of classes 2017-2018.

The Cooperative, in its efforts to expand the program, extended its Brigada Electric Check to various local government units and churches within its franchise coverage. Now on its

7th year, the “Brigada LGU-Churches Electric Check” successfully reached to a total of 87 LGUs with 212 buildings inspected and 59 churches with 31 buildings checked.

The Z-1 CSR program garnered the appreciation of education sector as Department of Education (DepEd) - Region IX and ZAMSURECO-I team motioned and signed on a Memorandum of Understanding (MOU) to strengthen partnership with the Coop’s CSR activity.

The Cooperative, under the wing of GM/CEO Jose Raul Saniel, has institutionalized the said activity to promote electrical safety awareness among various local institutions for a conducive learning and working environment through regular repair and maintenance of electrical wirings.

AREA	SCHOOL		LGU		CHURCHES	
	Buildings	Classrooms	LGU’s	Buildings	Churches	Buildings
1	95	727	30	101	9	16
2	122	934	29	32	37	
3	38	38	28	79	13	15





## DepEd lauds ZAMSURECO-I's Brigada Balik Eskwela Electric Check program

By Gideon C. Corgue

PAGADIAN CITY, May 23 (PIA) -The Department of Education lauded the active involvement of Zamboanga del Sur I Electric Cooperative, Inc. (ZAMSURECO-I) in the conduct of the 9th Brigada Balik Eskwela Electric Check and the 6th Local Government Unit and Churches Check in the province of Zamboanga del Sur which carries the theme: "Kabalikat ng Mamamayan Para sa Kaligtasan ng mga Paaralan."



To promote electrical safety, the electric coop under Area-II has organized 16 teams composed of technical and non-technical men and women to conduct the simultaneous electrical check in their assigned areas starting May 15 - 19, 2017.

"I am grateful that the ZAMSURECO-I conducted the 'Brigada Balik Eskwela Electric Check' because we have availed free electrical services of their technical men," Marivic Flores, principal of Camp Abelon Elementary School said.

"We did not spend money to hire private electricians to install electrical wirings in our school," Flores said adding that hiring an electrician, even for a small job like installing a light switch, would incur a costly fee.

"We are very fortunate that our school is one of the beneficiaries of their program. It surely redound to the benefit not only of the teachers but also our students. We thank them for having a big heart for our school," she added.

"With the active support and cooperation of ZAMSURECO-I, we have fulfilled the callings of the Department of Education: 'Isang DepEd, Isang Pamayanan, Isang Bayanihan para sa Handa at Ligas na Paaralan,'" Elsa Claros, principal of Bagong Silang Elementary School, Barangay Balangasan said.

"We have added electrical wirings and electrical outlets in our rooms to avoid dangers and complexities," she added.

Claros said they will be more happy if the electric coop will make a commitment to help the schools every National Schools Maintenance Week or Brigada Eskwela program.

Meanwhile, Audit Manager Jovito Pingca, leader of team no. 3 said they enjoyed their work in the field much more when they have seen that teachers were happy because of their presence.

Pingca said they are all glad to support the electric coop's program which is almost a decade already, providing services and working as collective advocates for the communities.

"The activity is an integral part of the Coop's corporate social responsibility aimed at promoting electrical safety in educational institutions by means of securing the integrity of electrical connections of public school classrooms and environment," Pingca said quoting General Manager/CEO Jose Raul Saniel. (ALT/GCC/PIA-Pagadian City).



## ZAMSURECO-I & ABOITIZ CSR PROJECT BENEFITS BACAHAN ELEMENTARY SCHOOL

ZAMSURECO-I and Aboitiz Power Corporation built strong ties with public schools as the partnership realizes a donation of Classroom Rewiring Project for Bacahan Elementary School, Midsalip, Zamboanga del Sur.



A pool of ZAMSURECO-I technical personnel went to Bacahan Elementary last May 18, 2017 to rewire a total of ten (10) classrooms. Each classroom was provided with necessary materials to improve the integrity of classroom electrical wirings and strengthen electrical safety for elementary pupils.

GM/CEO Jose Raul Sanieil in his message says, "ZAMSURECO-I is an organization with a big heart that touches



*people's lives. We're doing this to ensure that our children's future will be brighter."*

Midsalip Municipal Mayor Leonila Angcap, District III Director Marivic Chaves, EDP/ISD Manager Azucena A. Lagura, Area Manager Rodolfo Lagura and ZAMSURECO-I workforce attended the event. Deped Supervisor Dr. Alma Belarmino, School Principal Ms. Charlita Sangrenes and teachers expressed gratitude, acknowledging that they have partners in taking care of their school children who are believed to be the nation's future.

Aboitiz Power primarily authored the CSR project in its mission to involve the community in its general business undertakings. In an interview with Aboitiz representative Engr. Daryll Gacus, he shared that their goal is focused on education, hence the birth of its classroom rewiring

project to create a conducive learning environment for the students. The rewiring program, which has become one of the valued programs amongst the local education sector, is viewed to improve the electricity connection of school classrooms to fit with the modern styles of learning.

ZAMSURECO-I, as the main partner of Aboitiz in its power supply engagements within the Coop's franchise area, recognized the significance of the project thus accorded the opportunity to choose Bacahan Elementary School as the recipient for the cause.

Bacahan Elementary School, a public school located in Midsalip Zamboanga del Sur, adds to the recent lists of beneficiaries of ZAMSURECO-I - Aboitiz Power CSR partnership project.



## ZAMSURECO-I Feeding Program reaches Barangays Kawit and San Pedro, Pagadian City

“At the banquet, each one experiences bond of unity and spirit of equality which vanishes differences of culture and beliefs.”

**Z**AMSURECO-I “Sinsilyo sa Lata” Feeding program reached Barangays Kawit & San Pedro, Pagadian City last June 28, 2017. The program benefitted 180 children from San Pedro and 222 children from Kawit, which resulted in a total of 402 beneficiaries.

District V Director Glenn Santiago G. Malalis actively participated in the activity together with the support of Pagadian City Zones 1 & 2 MSEAC. Kawit Barangay Captain Lim Kiam Tan addressed words of welcome and thanksgiving

to ZAMSURECO-I headed by GM/ CEO Saniel.

In an interview with Day Care worker Mrs. Fatima Jawani, she shared heartfelt message of appreciation and gratitude towards the general workforce of ZAMSURECO-I, parents and recipients of the cause. Apart from the feeding activity, kids of all ages enjoyed the program as it was filled with magic and tricks performed by Magician Noel Consolacion.

At present, ZAMSURECO-I team is set to widen its pool of resources, as donations are now open to all ZAMSURECO-I Bayad Centers

and internal offices to intensify its feeding program activity. The “Sinsilyo sa Lata” tin cans will soon be situated at all payment hubs and internal departments and sections of the Cooperative.

As of 2nd quarter of the 2017, ZAMSURECO-I has already extended its outreach program to a total of 12 barangays within its franchise area and is expected to reach more marginalized barangays to promote health and wellness. The robust conduct of the feeding program forms part of Coop’s valued CSR programs.





## ZAMSURECO-I SPES ACCOMMODATION CONTINUES

under the Government Service Insurance System (GSIS), with the remittance of their insurance premiums monitored by DOLE, being the lead implementer of SPES.

ZAMSURECO-I recruitment team conducted rubric-based criteria interviews and made careful evaluation on students' applications to realize the government's mandate to grant the opportunity to poor but deserving students. Prior to the implementation proper of the program, the Cooperative through its representatives attended the 1-day SPES Pledging Session last 23 December 2016, committing a total of 10 open slots for its SPES accommodation this year 2017.

For years now, ZAMSURECO-I remained as one of the active partners of DOLE in promoting SPES as a bridging mechanism that enables students to earn due compensation by means of gaining actual work experience. The 10 student-beneficiaries received 60% counterpart of the total earnings from ZAMSURECO-I while 40% of the salary will be shouldered by DOLE as per Republic Act No. 9547, or "An Act Strengthening and Expanding the Coverage of the Special Program for the Employment of Students, for the Purpose of R.A No. 7323 of 1992."

The Special Program for the Employment of Students (SPES) is an initiative of the Department of Labor and Employment, in partnership with various business entities, that grants educational financial assistance to poor but deserving students. The SPES accommodation forms part of the lined-up CSR activities of ZAMSURECO-I.



**Z**AMSURECO-I strengthened its partnership with DOLE as it accommodated another batch of ten (10) student-beneficiaries under this year's Special Program for the Employment of Students (SPES) last 15 May 2017.

From 106 students who signified interest in applying for the program, only 36 qualified for the initial screening, which cut through its final list of 10 students composed of 6 senior high school students and 4 tertiary level students. The Cooperative, based from its existing policy, prioritizes students who are children of member-consumers to return the favor of its patronage to the Coop's services.

The SPES beneficiaries were exposed to office secretarial works and Coop activities such as Brigada Electric Check, Friday Physical Fitness and Monday Briefing to gain wide experience on the Coop's culture. They underwent company orientation to instill office etiquette and inculcate training discipline throughout their working period. All student-beneficiaries were enrolled



# ZAMSURECO-I SPES BENEFICIARY



Bughaw ng Z-1 recently interviewed some of the SPES beneficiaries about their working experience in ZAMSURECO-I. Let's hear what they have to say!

## HOW WAS YOUR WORKING EXPERIENCE WITH ZAMSURECO-I AS SPES BENEFICIARY?



**Friendly Mark H. Andriano**  
16 years old

Rebokon Agricultural and  
Vocational High School  
Z-1 PES Beneficiary 2017

"My 20-day work experience at ZAMSURECO-I helped me a lot because it developed my work attitude and self-esteem, which helped me cultivate a bond with professionals. I learned a lot about the culture of the Cooperative, which became a tool for me to understand its nature. Though it's my first time, it became easy for me to adjust with the environment because the people that I worked with were very accommodating, caring and most of all they uphold the welfare of their co-workers."

"The salary that I received enabled me to help my family financially. Moreover, it was utilized to pay my school fees and for my sister's as well. A portion of the money was used to buy my Filipino book. It's a long and tiring journey but it was filled with precious and memorable memories that I will cherish for a lifetime. It's a great honor and privilege to work at ZAMSURECO-I. My work experience with the Cooperative will become my armor and shield in facing the world head up high."



**Vanessa Ann Doraido**  
17 years old

Kabatan National High School  
Z-1 PES Beneficiary 2017

"G-R-E-A-T is the word that describes my working experience in ZAMSURECO-I. For 20 days that I've been working here, I have seen and experienced the corporate world, for real! The experience adds to my building career as an Accounting and Business Management student. The Management, the employees and the environment here show how my future looks like. So I extend my heartfelt thanks to ZAMSURECO-I for such a great opportunity."

"I will use my salary for my school expenses and school uniform, since we are required to wear the new prescribed uniform of our school."



**Fretzel May Acoymo**  
20 years old

WMSU - ESU Pagadian City  
Z-1 PES Beneficiary 2017

"Being one of the beneficiaries of ZAMSURECO-I SPES is an honor and privilege. Within my 20 days experience, I have learned a lot that will surely be of great help when the time comes. Employees of the Coop are accommodating, hardworking and really doing their job well, that even a single second seems like a diamond to them."

"My salary will be used in paying my brother's tuition fees and uniform expenses. The experience was quite tiring but we, the SPES beneficiaries, are indeed thankful."



**Mariafe Beseril**  
22 years old

JH Cerilles State College, Molave  
Z-1 PES Beneficiary 2017

"First of all, I would like to thank ZAMSURECO-I for giving me the opportunity to work here in the Cooperative and also to the staff who treated me so well. Because of the given opportunity, it also improved my skill as an I.T. student. I am so proud that I became one of the SPES beneficiaries in your Cooperative."

"I will use my salary to pay my school fees like my OJT uniform. I will also use it to take my sick grandmother for a check-up."

# ZAMSURECO-I EMPLOYEES JOIN EarthDay Celebration



Last 22 April 2017, ZAMSURECO-I employees joined the nation on its celebration of Philippine Earth Day at Taclobo, Plaza Luz, Pagadian City.

DENR Region 9, which is the main convener of the event, enjoined local government sectors, private entities and stakeholders in the province for the call of environmental advocacy.

To signify participation on its end, ZAMSURECO-I employees hanged Earth Day streamers in its office premises promoting for this year's campaign of "Environment and Climate Literacy." Employees also engaged in DENR's fun and meaningful activities such as "Zumbonding" or Zumba and Walk for the Earth, which pushed for the conduct of environment-friendly human recreational activities. On behalf of its GM/CEO Saniel, ZAMSURECO-I employees signed a Pledge for the Earth committing for a greener Philippines through practical and life-sustaining acts.

"Ang tawo nga makaingon, mao ra pud ang muhimo og pamaagi nga mu-restore sa Mother Earth." Mr. Tito Gadon of DENR Zamboanga del Sur said in his speech. Concerning this year's campaign, DENR has embarked on an information drive to ensure that the Filipinos are environment and climate-literate.

As a business viewpoint, ZAMSURECO-I widely supports pro-environmental initiatives in line with its mission of community development. The Cooperative, at present, has incorporated programs for the environment - Annual Tree Planting and Fun Walk for Mother Nature, among others, as part of its yearly Corporate Social Responsibility (CSR) programs.



**EARTH DAY FUN FACT:** The celebration of Earth Day is an international event with founder US Senator Gaylord Nelson who began its movement in 1970. It is the largest civic event in the world celebrated simultaneously by people of all backgrounds, faiths and nationalities. The Earth Day Network (EDN) reaches over 22,000 organizations in 192 countries. It is estimated that more than a Billion people participate in this campaign worldwide.

## TECHNICAL NEWS

### ZAMSURECO-I to conduct basic lineman training course

**Z**AMSURECO-I is set to conduct basic lineman training course on September 2017, a step towards hiring new batch of linemen to augment the Cooperative's existing pool of line personnel. The training will be spearheaded by the Institutional Services Department (ISD) in coordination with the Technical Services Department (TSD). It will take place in identified venues in Pagadian City and Ramon Magsaysay, Zamboanga del Sur.

According to GM Jose Raul A. Saniel, Chief Executive Officer of ZAMSURECO-I, hiring of additional linemen is highly imperative considering that the Cooperative currently operates and maintains more than 5,000 circuit kilometers of line within its franchise area and upon full transfer of ownership of the National Transmission Corporation's (Transco) 69 kv sub-transmission assets to ZAMSURECO-I, around 58 kilometers of 69 kv sub-transmission lines and appurtenant assets will be added to the Cooperative's growing list of line operation & maintenance undertakings.

Prior to the training proper, applicants pass through written examination and pre-endurance test. The pre-endurance test (on July 27) and written examination measure the applicant's mental and physical faculties as they undergo rigorous training. Duly accredited trainers will administer the training, which will last for more than a month (45 days).



### DOE launches WESM in Mindanao



**A**fter months of public consultation and information dissemination, the Department of Energy (DOE) has formally launched the wholesale electricity spot market (WESM) in Mindanao on June 28, 2017 at the SMX Convention Center, Lanang, Davao City. Presidential Spokesman Ernesto Abella and DOE Secretary Alfonso Cusi led the ceremonial switch-on signaling the introduction of WESM in Mindanao. MINDA Secretary Datu Abdul Khayr Dangcal Alonto and PEMC President Melinda Ocampo also attended the event.

The establishment of WESM is part of the package of electric power industry reforms mandated in the Electric Power Industry Reform Act of 2001 (EPIRA). It is a venue for trading electricity as a commodity, either by selling power to the market as in the case of independent power producers (IPPs) or buying power from the market as in the case of distribution utilities and large power end-users. Its implementation paves the way for the introduction of Retail Competition and Open Access or RCOA.

Speaking before officers and representatives from various power industry stakeholders, Secretary Cusi emphasized that WESM Mindanao will invite more investors in the island, thereby enhancing the market condition and delivery of services by power industry players participating in the market.

"WESM facilitates a transparent electricity market with which Mindanao power generators will have an avenue to trade un-contracted power supply. It will also provide consumers more sources of electricity to choose from, increasing their chances of lower-priced energy," Cusi said.

WESM is already implemented in Luzon and Visayas Islands. Since Mindanao is not connected to Visayas and Luzon Grids, it is not technically possible to be included in WESM transactions. With this, establishment of an interim protocol is being proposed by Mindanao power industry stakeholders to be used in transactions prior to WESM commercial operation.

Meanwhile, the Association of Mindanao Rural Electric Cooperatives (AMRECO) is proposing an alternative electricity market operation mechanism that is tailor-made for Mindanao. Nonetheless, AMRECO is supporting the establishment of WESM provided that the peculiarities in the power situation of Mindanao are considered.

WESM Mindanao will be operated by Philippine Electricity Market Corporation or PEMC. Initially, a trial operations program will be implemented to enable all power industry stakeholders to prepare and get acquainted with market operations. The trial run could last more than three months depending on the assessment of DOE, who gives the go signal for the commercial operation.

## ZAMSURECO-I upgrades Tukuran feeder



**Z**AMSURECO-I has intensified the rehabilitation of Tukuran Feeder's aging and undersized line conductors. This feeder serves the member-consumers of Labangan and Tukuran, Zamboanga del Sur. Since the first quarter of this year, the Cooperative pursued a number of backbone line reconductoring projects, including among others, Pagadian East and Pagadian West feeder backbone lines, where aging, undersized conductors were replaced with new and bigger ones (from size 2/0AWG to 4/0AWG).

According to Engr. Russel Flores, Technical Services Manager, at least 18 circuit kilometers of line will be subjected for reconductoring and upgrading due to significant load growth of Tukuran Feeder. Said feeder recorded a peak demand of 2.2MW in May 2017.

A task force team composed of technical personnel from Areas 1, 2, and 3 was deployed to facilitate the replacement of conductors from Brgy. Tawagan Sur, Pagadian City to Brgy. Upper Pulacan, Labangan, ZDS. As of 2nd week of June, the team has already completed the reconductoring activities from Seaoil gas station (Tawagan Sur) to junction Pulacan-Tukuran. Aside from replacement of conductors, the team also installed elevated metering centers at Labangan, particularly at Barangays Tapodoc and Dalapang.

In an interview, GM Jose Raul A. Saniel told BUGHAW NG Z-1 that this project is one of the Cooperative's priority projects of the year in line with its objective to upgrade system capacity and reduce system losses.

"Once completed, this project is expected to bring about significant improvement of quality and efficiency of the delivery of electricity service, thus, benefiting the member-consumers in Labangan and Tukuran" GM Saniel concluded.

The conduct of reconductoring activities were undertaken by Area-II technical personnel headed by AM Catranilo C. Buhawe, Sr., REE Ramir Jayo and district supervisors. The team was also augmented by technical personnel of Areas I and III.

## NIHE Quick Facts

Wonder what NIHE is? Here are some quick facts...

### ☞ Legal and Operational Bases

- a. **Section 2(a)** of Republic Act No. 9136, otherwise known as the "Electric Power Industry Reform Act of 2001" or "EPIRA" states that it is the policy of the State to ensure and accelerate the total electrification of the country;
- b. **Section 23** of EPIRA which requires all Distribution Utilities (DUs) to provide universal service within their franchise, over a reasonable time from the requirement thereof, including Unviable Areas, in a manner that shall sustain economic viability of the DU.

### ☞ What is Nationwide Intensification of Household Electrification (NIHE) Program?

It is a locally funded project for 2015-2017 in support of the Government's thrust of total electrification by providing grant assistance fund (in the amount of P 3,750.00 per household) in order to increase access to electricity services by eligible unelectrified households (UHHs) in partnership with Distribution Utilities (DUs) and Local Government Units (LGUs). Eligible households are those deemed poor (4Ps) by DSWD, including IPs and indigents.

The Program involves the formulation and implementation of specific measures to fast-track the connections of the remaining unelectrified households in the franchise areas of DUs and ECs which includes the streamlining of housewiring connection requirements by LGUs and DUs.

### ☞ What is the policy objective of NIHE?

To attain 90% household electrification by 2017 by encouraging all DUs to develop and implement specific measures to fast-track the connections of the remaining unelectrified households in both electrified (load centers and urban/slum areas) and unelectrified areas of their franchised areas.

### ☞ What are the Cooperating Agencies involved in the implementation of NIHE?

- National Electrification Administration (NEA)
- Local Government Units (LGUs)
- All 143 Distribution Utilities (DUs) and Electric Cooperatives (ECs)
- Other Government Agencies including DSWD and DILG



# THE MAN AT THE HELM TURNS 50

*GM Sanieel reached the golden year!*

## **Z** -1 WORKFORCE ON A PERFECT COVER-UP

Z-1 workforce devised a plan for a birthday surprise a week before GM's birthday. On May 15, 2017, employees from all areas teamed up to execute the surprise. Returning from an official business meeting, GM Sanieel went straight to the area coverage field to maneuver the conduct of Brigada Balik Eskwela Electric Check among public schools, LGU's and churches. The set-up birthday surprise coincided with the weeklong conduct of CSR program: Brigada Electric Check of ZAMSURECO-I. The employees possessed a perfect cover-up to prepare their surprise. Skeletal personnel inside offices start rummaging its force to institute the halls in preparation for the event. While the good GM was busy out in the mid-day, the employees after the Brigada action began to return and congest the office halls, filling the excitement of the event. Upon GM's return to the office, employees tiptoed towards its assigned places and situated final preparation touch-ups in ZAMSURECO-I Heroes' Hall. Lights turned off and voices hushed, GM Sanieel was greeted with a dark surroundings and silent treatment. Reaching upon the entrance of the halls, employees collectively trumped out "Happy Birthday" enhancing its surprise with a burst of party pop.



## **50** THINGS ABOUT YOU

The pristine and raw childhood memories of GM were brought to life as ZAMSURECO-I workforce collated objects and things that were part of GM's growing years. His 50 bountiful years were represented by 50 sentimental gifts given by Z-1 employees. In an outlook, GM exudes an aura of prestige reputation. Behind the common impression, GM has lived a simple life in the rural area, full of lifelong learning. His humble beginnings composed the man he is today.





Of cheerful and early labor days, the child GM Saniel bested tricks like an easy win of a mini tic-tac-toe game. One employee gave a pack of tira-tira candy signifying his young entrepreneurial skills. True to life story, the child GM used to buy and sell tira-tira candy to his classmates. In order to increase his sales, the inquisitive GM multiplied the quantities of his tira-tira candy manually biting into half using his canine tooth immediately sealing his now two (2) tira-tira's in a water cellophane without his classmates knowing. Spick and span, his sales for the day were already secured. Learning first handedly the background behind the gift, the audience bursted into laughter, peeking into the fun childhood of GM. His development of innovative strategies started at a young age. No wonder the good GM is a veteran!

## A DECADE AND MORE

The Cooperative is blessed with yet another year with GM Saniel. The trademark and legacy of the Coop as a top-performing electric distribution industry in the province is continually preserved through his strong leadership. Employees returned the favor of his due efforts through a simple 50th birthday surprise. Now on his 11th year, the Coop through GM's direction is set to new ventures strengthening its capacity to serve the masses. Employees only hope to reap the fruits of its labor through his leadership for a decade and even more.

Cheers to more years, GM Saniel!



Adding up, employees also gifted frames with wolf sayings. Now on his collectibles, GM Saniel awed and looked up to the personality and characteristics of the wolf marking his spirit animal. Possessing similar traits, the good GM possesses sharp instincts in his wing of leadership and dominates in a social setting.

Behind a gift is a story. Through the 50 gifts that represent GM's humble beginnings, best achievements and life aspirations, ZAMSURECO-I employees indulged more deeply about the man at the helm behind closed doors.





## FIRE SAFETY SEMINAR TO ENHANCE COOP'S SAFETY MEASURES

“  
*Preparation is the key to any effective emergency response*  
 ”

**Z**AMSURECO-I, in partnership with Bureau of Fire Protection (BFP) Pagadian City, conducted a Fire Safety Information and Fire Drill Seminar for its employees last 10 April 2017. A total of 87 Coop employees attended the seminar at ZAMSURECO-I Heroes' Hall Pagadian City.

SF01 Jupie D. Aborido, Chief Plans and Programs together with seven (7) firefighters of Pagadian City Central Fire Station lead the lecture

on fire safety and prevention. The team educated Z-1 employees on evacuation procedure and attitude in handling emergency fire situations. The importance of fire fighting equipment and its method of use were also discussed to increase employee's awareness on how to utilize fire extinguishers.

Employees also underwent a fire drill, enacting proper procedures for an orderly evacuation from the office building. Upon exit from the office premises, four (4) Z-1 employees volunteered in actual demonstration of exterminating fire using the Coop's fire extinguishers.

On ZAMSURECO-I's existing fire safety measures, BFP Pagadian officers encouraged Z-1 Safety Committee and employees to establish



a comprehensive fire evacuation plan and monitor its safety paraphernalia such as fire extinguishers, fire alarm, etc. to strengthen its response in case of fire emergency.

The seminar is in connection with Fire Prevention month observed every month of April.

## Z-1 TECHNICAL PERSONNEL UNDERGO END-USERS TRAINING ON ACQUIRED COOP EQUIPMENT



**Z**AMSURECO-I Technical Personnel underwent end-users training on its newly acquired Coop equipment: Oil Tester - Moisture Test, kWh - Meter Standard Tester to further ensure the efficiency and reliability of the Coop's transformer testing and its kWh meter tester.

Sunertech Corporation representatives Mr. Dennis Jaromahum, Nolan Ivan Briton and Mark Gerald Cuadra handled the users training for three (3) days which was attended by the Coop's rewinding crew, metering supervisors, calibrators and audit staff held at ZAMSURECO-I Rewinding Office, Tiguma Compound, Pagadian City.

The speakers discussed the proper uses and functions of both equipment and its impact to the Coop's distribution of power. A demonstration and hands-on training were also conducted to enhance the technical abilities of the crew.

The acquisition of both equipment is set to aid the Coop's technical workforce in Oil Moisture Testing of banked transformers, whether private, Coop-owned, or subsidy-funded to ensure minimum losses, accuracy of meter testing and to assure quality and compliance to established laws and regulations.



# Z-1 MSEAC GATHERED TO ATTEND 1ST NATIONAL SUMMIT OF ELECTRIC CONSUMERS

Twenty-eight (28) members of ZAMSURECO-I Multi-Sectorial Electrification Administration Council (MSEAC) gathered from the areas of Zamboanga del Sur to attend the 1st National Summit of Electric Consumers last April 26, 2017 at Tagum City Hall Atrium, Tagum City, Davao del Norte.

## Bughaw ng ZAMSURECO-I Editorial Board

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Photographers  
**JEAN MICHAEL C. ESPRA, MOISES H. ALFORQUE**





PHILRECA, through its BOD President GM Jose Raul Saniel and Executive Director & GM Wendell Ballesteros, received a grant on August 01, 2017 from National Rural Electric Cooperative Association (NRECA) International representative Charles “Chuck” L. Dawsey, NRECA Consultant. The grant was awarded at NRECA Office Ortigas Center, Pasig City.

The proceeds of the grant assistance shall be solely directed to contribute for reconnection costs to selected electric cooperative members that sustained significant damage from Typhoon Yolanda last 2013.

The Philippine Rural Electric Cooperatives Associations, (PHILRECA) is the national organization of 121 electric cooperatives (ECs) in the country.

## DOE AND DPWH INK UNIFORM GUIDELINES ON RELOCATION OF EC DISTRIBUTION/SUBTRANSMISSION LINES

*(Source: PHILRECA News)*

The Secretaries of the Department of Energy (DOE) and the Department of Public Works and Highways (DPWH) finally signed the DOE-DPWH Joint Circular, “Prescribing the Uniform Guidelines and Procedures for the Proper Payment of Compensation and/ or Recovery of Cost in the Event of the Need to Relocate the Electric Cooperative Distribution/Subtransmission Lines for the Primary Purpose of Government” during the Ceremonial Signing Ceremony held this Monday, 10 July 2017 at the PNOOC Lounge, DOE Compound, Bonifacio Global City.

After 4 years of intense lobbying for the full implementation of RA 10531 also known as the “National Electrification Administration (NEA) Reform Act,” particularly the rules governing the relocation of ECs subtransmission/ distribution facilities, both parties have finally come to a joint partnership and mutual agreement through the shared efforts among the Department of Energy (DOE), Department of Public Works and Highways (DPWH),

National Electrification Administration (NEA), Philippine Rural Electric Cooperatives Association (PHILRECA), the National Association of General Managers of ECs (NAGMEC), and the Philippine Association of Technical Managers of ECs (PHILATMEC).

The Joint Circular shall be effective after its proper publication in two (2) newspapers of general circulation nationwide. With this Joint Circular, ECs and the Implementing Agency for the government project shall have coordination of activities relative to the government public work such as road expansions and the relocation of ECs facilities necessitated thereby.

Said Joint Circular provides the computation of the proper compensation due to the ECs for relocating its distribution/subtransmission lines and facilities whenever such relocation is caused primarily by a government project.



## NEA electrifies 12 millionth consumer connection under REP

### MEDIA RELEASE

3 August 2017

The National Electrification Administration (NEA) on Wednesday (August 2) led the kick-off celebration of the 8th National Electrification Awareness Month (NEAM) with various activities highlighting the gains achieved through rural electrification program.

The opening ceremony of the NEAM and 48th NEA Founding Anniversary at the NEA Building in Quezon City was attended by some 754 representatives from 115 electric cooperatives (ECs) across the country.

The main highlight of the program was the ceremonial switch-on of the 12 millionth consumer connection energized under the government's Rural Electrification Program (REP).

The 12 millionth household connection is located in Tagum City, Davao del Norte within the coverage area of the Davao del Norte Electric Cooperative, Inc. (Daneco).

Also present to grace the occasion were Energy Secretary Alfonso Cusi, Assistant Secretary Jonas Soriano from the Office of the Cabinet Secretary, and Senator Sherwin Gatchalian, Chairman of the Senate Committee on Energy.

In his message, NEA Administrator Edgardo Masongsong underscored the gains of the government's rural electrification program. "Admittedly, the Rural Electrification Program needs to be continued and sustained," he said.

Since 1969, Masongsong said, the partnership of NEA with the ECs in pursuit of the Rural Electrification Program has come to energize 78 provinces, 90 cities, 1,385 municipalities, 36,051 barangays and 118,632 sitios as of May 31, 2017.

This represents 83 percent of the sitios within the NEA and EC coverage areas.

NEA targets to energize 2,410 sitios this year and another 1,800 sitios in 2018, and the budget allotted by the government for the SEP is only P1.8 billion, Masongsong said.

Masongsong said from 2011 to 2016, NEA has energized 32,441 sitios. The agency is on track to energize the remaining 23,681 sitios under the SEP in the next five years, he added.

He further said NEA will need at least P23.681 billion to P25 billion from the national budget to fully energize the remaining sitios before President Rodrigo Duterte ends his term in 2022.

On Wednesday, NEA also formally opened the Renewable Energy Investors Exhibit at the NEA Building. Masongsong and other NEA officials also joined the electric cooperatives in paying a courtesy visit to Congress.

NEAM is celebrated annually every month of August in recognition of the vital significance of the electrification program in nation building. This year's celebration bears the theme "Ensuring the Gains of Rural Electrification through Enlightened Member-Consumer-Owners."

Other activities scheduled within the month of August in support of the NEAM include the Renewable Energy Investors Conference, Electricity Forum, and Essay Writing Contest on Renewable Energy. ###

## NEA holds Renewable Energy Investors and Businesses Conference

### MEDIA RELEASE

4 August 2017

As part of the month-long observance of this year's National Electrification Awareness Month (NEAM), the National Electrification Administration (NEA) recently hosted the Renewable Energy Investors and Businesses Conference, which gathered some 700 participants from 117 electric cooperatives nationwide.

The event, held at the NEA H.E.S. Auditorium in Quezon City on Thursday (August 3), kicked off with opening remarks from NEA Administrator Edgardo Masongsong, who urged all electric cooperatives to pursue the use of mini-grids and distributed generation systems to provide electricity to the nation's remotest areas.

The NEA is mandated to implement the government's rural electrification program.

Masongsong said the government has set the goal to achieve ninety percent (90%) household electrification by 2017. However, energizing the remote and isolated communities is not easy, he said, citing the archipelagic characteristics of the Philippines as the biggest challenge.

Two million households across the country are still without access to electricity according to the latest government electrification data.

*(Continue on next page)*



## NEA holds Renewable Energy Investors and Businesses Conference from Page 15

"The remoteness of many areas especially small islands scattered within the archipelago and the isolated upland communities make it impossible for all potential consumers to be connected to the main electricity grid," he said.

Mini-grids, the NEA chief further said, offer a potential solution to provide electricity connections to remote communities that do not have access to the power grid.

"Understandably, high upfront costs often make this approach prohibitive. Nevertheless, in increasing universal access to energy, these communities need a flexible, stable and reliable electricity supply for a sustainable socioeconomic development in these far-flung villages," Masongsong said.

"Given the constraints in providing reliable and adequate electrification services in remote and isolated areas as well as assuring power supply sufficiency in the

electric cooperatives' franchise, the NEA wants to encourage the ECs to pursue the use of mini-grids and distributed generations," he added.

Among the invited speakers at the Renewable Energy Investors and Businesses Conference were National Renewable Energy Board (NREB) Chairman Jose Layug, Jr. and Department of Energy - Renewable Energy Management Bureau (DOE-REMB) Director Mario Marasigan.

Last August 2, NEA also held various activities in support of NEAM including the ceremonial switch-on of the 12 millionth consumer connection and the opening of the Renewable Energy Investors Exhibit. This year's NEAM coincides with the 48th Founding Anniversary of NEA on August 6. ###

## NEA, ECs pay courtesy visit to Congress

*Electrification sector goes aggressive on legislative agenda*

### MEDIA RELEASE

4 August 2017

Some 1,200 representatives from 116 electric cooperatives (ECs) nationwide on Wednesday (August 2) made a courtesy visit to the House of Representatives to mark the 8th National Electrification Awareness Month (NEAM) and the 48th Founding Anniversary of the National Electrification Administration (NEA).

Leaders of the various electric cooperatives' and member-consumer-owner (MCO) organizations, accompanied by NEA Administrator Edgardo Masongsong and other key agency officials, paid separate courtesy calls on House Speaker Pantaleon Alvarez, House Majority Leader Rudy Fariñas, and House Energy Committee Chairman Rep. Lord Allan Jay Velasco.

During the visit, the National Center of Electric Cooperative Consumers, Inc. (NCECCO) national chairman Akmad Mamalinta turned over a copy of the legislative proposals and policy papers of the group including the proposed amendments to the Electric Power Industry Reform Act of 2001 or EPIRA, the establishment of the Lineman Training Academy, and the creation of the charter for electric cooperatives.

"The electric cooperatives and the member-consumer-owners presented a policy paper and legislative agenda for the consideration of Congress. We had a healthy conversation with the Speaker and the chairman of the Committee on Energy, as well as the Majority Floor Leader. We expect good development," Mamalinta said.

Among the ECs' and MCO organizations which joined the trip to the House of Representatives were

the Philippine Rural Electric Cooperatives Associations, Inc. (PHILRECA), the Philippine Federation of Electric Cooperatives (PhilFECO), the Electric Consumers Advocacy of the Philippines (ECAP), the National Association of General Managers of Electric Cooperatives, Inc. (NAGMEC), and the NCECCO.

NCECCO is comprised of the Rural Electric Cooperative Board of Directors Association, Inc. (RECOBODA), Association of Board of Directors of Electric Cooperatives, Inc. (ABDEC), Mindanao Coalition of Power Consumers (MCPC), No to Excessive Authority Advocate for Consumer Owners Movement (NEAADCOM), National League of Electric Cooperative Member-Consumer- Owners (NL-EC-MCO), Consumer Advocate for Rural Energy of Zamboanga Peninsula, Inc. (CAREZPI), and League of Electric Consumers Advocate for Reform and Empowerment of the Society (LeCARES).

On August 1, Representative Velasco introduced a resolution recognizing the accomplishments of the National Electrification Administration and the National Electrification Awareness Month (NEAM). The 8th NEAM coincides with the 48th Founding Anniversary of the NEA on August 6.

Since 1969, the Rural Electrification Program through the NEA and its partner ECs successfully energized 78 provinces, 90 cities, 1,385 municipalities, 36,051 barangays and 118,632 sitios as of May 31. This represents 83 percent of the sitios within the NEA and EC coverage areas. ###



## Marivic A. Chaves

BOD Treasurer (District III)  
Ramon Magsaysay, Sominot, Midsalip

# Wisdom Corner

1. *Sometimes being a friend means mastering the art of timing. There is a time for silence. A time to let go and allow people to hurl themselves into their own destiny. And a time to prepare to pick up the pieces when it's all over.*
2. *Throughout life people will make you mad, disrespect you and treat you bad. Let God deal with the things they do because hate in your heart will consume you too.*
3. *When you start seeing your worth, you'll find it harder to stay around people who don't.*
4. *Soon you realize that many people will love the idea of you but lack the maturity to handle the reality of you.*
5. *Growth is painful. Change is painful. But nothing is as painful as staying stuck somewhere you don't belong.*
6. *Silence is the best answer to someone who doesn't value your words.*



## Health Tips

# 20 Things to Start doing

1. Drink a lot of water and green tea. 
2. Eat a big breakfast, average lunch and a tiny dinner 
3. Eat fruits and vegetables + natural food. 
4. Go for a walk/swim/bike ride 
5. Read a book of or 10. 
6. Go to bed earlier.
7. Stop thinking negative thoughts about yourself or others.
8. Don't dwell into **past** turn it into Art.
9. Enjoy little things.....in Life
10. Do not judge or compare yourself to others. 
11. Begin yoga or meditation. 
12. Do not put things off.
13. Avoid processed food. 
14. Stretch daily to increase flexibility. 
15. Listen to peaceful music.
16. Live in a tidy space. 
17. Wear clothes that make you happy.
18. Throw away things you don't need.
19. Remember that all the efforts you are making now will pay in the end.
20. Go ☀️ ☀️ outside more.

## TRIVIA QUIZ

- What happens when you rub two balloons with a woollen cloth and then bring them near to each other?
  - They attract each other
  - They burst
  - They repel each other
  - Nothing will happen
- A simple device that opens and closes electrical unit is called a/an:
  - Volt
  - Discharge
  - Switch
  - Ampere
- To understand how the output voltage is shaped by a differentiator, you must consider \_\_\_\_\_.
- Steady-state condition is reached when:
  - The output voltage reaches the average value of the input voltage
  - The output voltage reaches approximately 63% of the input voltage
  - The output voltage reaches the input voltage
  - The output voltage reaches the effective value of the input voltage
- Material that electricity can easily travel is called a:
  - Conductor
  - Insulator
  - Radiator
- If there is a break in the path that current follows, the circuit is incomplete. A break in the path is called an:
  - Closed Circuit
  - Open Circuit
- Materials that do not allow electrical through it easily are called;
  - Conductor
  - Insulator
  - Radiator
- A certain appliance uses 350w. If it is allowed to run continuously for 24 hours, how many kilowatt-hours of energy does it consume.
  - 2.01 kWh
  - 201.6 kWh
  - 20.16 kWh
  - 8.4 kWh
- At the end of a 14 day period, your utility bill shows that you have used 18 kWh, What is your average daily power?
  - 535 kWh
  - 1.286 kWh
  - 12.85 kWh
  - 252 kWh
- When the current through an inductor decrease, the amount of energy stored in the electromagnetic field \_\_\_\_\_.
  - Increase
  - Remains the same
  - Decrease
  - Doubles

### Answers to the previous Quiz: What You Don't Know About Electricity

- Correct Answer: C. Thomas Edison**  
Thomas Edison's Pearl Street Station electrified a one-square-mile (2.6-square-kilometer) area of Lower Manhattan beginning September 4, 1882, providing power to illuminate his new electric light bulbs. The world's first commercial electric power plant operated until it was destroyed by fire in 1890.
- Correct Answer: C. Turbines**  
In all of these plants, steam, wind, or water is used to turn turbines. The turbine is connected to a generator—a long, coiled wire surrounded by a magnet. The conducting wire's movement through the magnetic field causes electric current to flow through the wire. That current is sent to the grid.
- Correct Answer: D. It closes the circuit**  
Flipping a light switch on closes, or completes, the electrical circuit. This closed loop or complete path allows electricity to flow through the light bulb.
- Correct Answer: B. Kilowatt-hours**  
Electricity use is generally measured in kilowatt-hours, the amount of energy used over time—that's how the electric company figures your monthly bill. An ampere is a measure of electric charge, and a volt is a measure of electric potential difference.
- Correct Answer: C. 100 hours**  
A ten-watt CFL bulb turned on for 100 hours would consume 1,000 watt-hours, or one kilowatt-hour of electricity. A 100-watt incandescent bulb would consume the same amount of electricity in just ten hours
- Correct Answer: A. Transformers**  
Power plants produce electricity at high voltage so it can be moved over long distances efficiently, with minimal transmission losses. Transformers are needed throughout the system to step down the voltage so it can be used in households and businesses.

# ELECTRICITY VOCABULARY WORD SEARCH

*Instruction: Find the following words inside the box.*

S I I E D R Y C E L L B A T T E R Y D E V  
 V L N Y L E L E C T R I C P O W E R P T Z  
 A X T E E E I I E T E R M I N A L L A G M  
 T I U C R I C N E P O O A N E A H E R W E  
 A L T E R N A T I N G C U R R E N T A E P  
 D I R E C T C U R R E N T W E R Q M L T O  
 B L O T T W H E E I O U F D E A A T L C G  
 C O V V O L T A G E C J N T R R S A E E N  
 O T I O H M S L A W D C U A G A L E L L E  
 N I N D R I G R H A K O U A S C P R C L S  
 D T S A U Y P S M P O O I R I J N I I B O  
 U L U E S T E P D E B D V U R E O O R A H  
 C O L A I X E A C L C T I U N E I S C T M  
 T F A O E R R N X I B A N A O U N O U T A  
 O A T E E W A T T N H V Q P I O I T I E A  
 R J O I A T E A O C H R T E E O E E T R F  
 S N R T S A M B A T T E R Y R T T A W Y D  
 I E D I A E A T O E L E C T R I C I T Y I  
 Z D S I H T I U C R I C D E S O L C E O D  
 E E I C V O L T U N D I E O A O R L G O R  
 R A S N S T A T I C E L E C T R I C I T Y



- Alternating Current
  - Open Circuit
  - Resistance
  - Static Electricity
  - Volt
  - Watt
  - Ampere
  - Circuit
- Ohms Law
  - Parallel Circuit
  - Schematic Diagram
  - Terminal
  - Voltage
  - Wet Cell Battery
  - Battery
  - Closed Circuit
- Dry Cell Battery
  - Electric Current
  - ELectric Power
  - Electricity
  - Insulator
  - Ohm
  - Direct Current
  - Conductor

## Answers to the previous Quiz: What You Don't Know About Electricity

7. Correct Answer: A. Brazil, November 2009  
Lightning storms triggered a major failure at Itaipu Dam and its grid, disrupting electricity for 87 million people in Brazil and Paraguay for about seven hours. The North American outage affected 50 million people, China's affected 30 million, and Europe's affected 10 million.
- 8.. Correct Answer: C. Brazil  
The Rio-Madeira HVDC (high voltage direct current) project will link two new hydropower plants in northwestern Brazil with São Paulo, the nation's main economic hub. At a length of more than 2,500 kilometers (1,553 miles), it will be the longest electric transmission link in the world
9. Correct Answer: C. 20 percent  
About 1.3 billion people, or 20 percent of the world's population, are living without any access to electricity in 2012, according to the International Energy Agency.
10. Correct Answer: D. All of the above  
Power failures can be caused by coastal sea salt deposits on power line insulators, by animals contacting wires, and by coronal mass ejections from solar storms that originate in sunspots. Most power companies report that weather is the leading source of outages.

# MAGMA

## MUNICIPAL ANNUAL GENERAL MEMBERSHIP ASSEMBLY

### ATTENDANCE FOR THE 2017 MUNICIPAL ANNUAL GENERAL MEMBERSHIP ASSEMBLY (MAGMA) FROM APRIL 1, 2017 TO MAY 30, 2017

DATE	DAY	TIME	DISTRICT	MUNICIPALITY/ZONE	VENUE	No. of Member as of December 31, 2016	Total No. of member-consumers Attended	%
April 01, 2017	Saturday	8:30 AM	V	Pagadian East - Zone 1	ZAMSURECO-I Heroes' Hall, Pagadian City	7065	540	8%
		1:30 PM		Pagadian East - Zone 2		4691	407	9%
April 04, 2017	Tuesday	8:30 AM	IV	Labangan	Municipan Function Hall	5358	911	17%
		1:30 PM		Tukuran		5471	999	18%
April 06, 2017	Thursday	8:30 AM		Aurora	Municipal Gymnasium	7322	1207	16%
April 08, 2017	Saturday	8:30 AM	IX	Pagadian West - Zone 4	ZAMSURECO-I Heroes; Hall, Pagadian City	8520	920	11%
		1:30 PM		Pagadian West - Zone 3		6353	307	5%
April 11, 2017	Tuesday	8:30 AM	II	Don Victoriano	Municipal Gymnasium	542	340	63%
		1:30 PM		Josefina		1043	593	57%
April 19, 2017	Wednesday	8:30 AM		Dumingag	Municipal Gymnasium	4857	1433	30%
		1:30 PM		Mahayag		6232	726	12%
April 21, 2017	Friday	1:30 PM	III	Ramon Magsaysay	Municipal Gymnasium	3811	762	20%
May 01, 2017	Monday	1:30 PM	VI	Tigbao	Municipal Gymnasium	2195	726	33%
May 03, 2017	Wednesday	8:30 AM		San Pablo		2931	1862	64%
May 05, 2017	Friday	8:30 AM		Guipos	Municipal Gymnasium	2982	1084	36%
		1:30 PM		Dumalinao		Dumalinao Pilot School Gym	4216	856
May 09, 2017	Tuesday	8:30 AM	VII	Lapuyan	Municipal Gymnasium	2117	1633	77%
		1:30 Pm		San Miguel		2428	1131	47%
May 17, 2017	Wednesday	8:30 AM		Vincenzo Sagun	Municipal Gymnasium	2251	1166	52%
		1:30 PM		Margosatubig		4260	1064	25%
May 19, 2017	Friday	8:30 AM	VIII	Tabina	Municipal Gymnasium	2534	951	38%
		1:30 PM		Pitogo		2589	1154	45%
May 23, 2017	Tuesday	8:30 AM		Dimataling	Municipal Gymnasium	3105	1271	41%
		1:30 PM		Dinas		3399	1073	32%
May 25, 2017	Thursday	8:30 AM	I	Tambulig	Municipal Gymnasium	4739	1633	34%
		1:30 PM		Molave		7563	683	9%
May 29, 2017	Monday	8:30	III	Midsalip	Municipal Gymnasium	2627	1263	48%
May 30, 2017	Tuesday	1:30 PM		Sominot		1730	937	54%
<b>Total</b>						<b>112,931</b>	<b>27,632</b>	<b>24.5%</b>

**IF YOU HAVE COMPLAINTS/REQUESTS/FEEDBACKS OR QUERIES PLEASE CALL OR TEXT US**

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