



Department of Education
Region X – Northern Mindanao
DIVISION OF MALAYBALAY CITY
Purok 6, Casisang, Malaybalay City

177-2019-007-315
SEP 13 2019

DIVISION MEMORANDUM

No. 615, s. 2019

TO : Assistant Schools Division Superintendent
Chief Education Supervisors CID and SGOD
Public and Private Secondary School Heads

FROM :  **REBONFAMIL R. BAGUIO**
Schools Division Superintendent
13 Sept '19

DATE: September 12, 2019

RE : **MERALCO ENERGY SCIENCE FAIR/YOUTH ENERGY SUMMIT**

1. Anent to Regional Memorandum No. 508, s. 2019 RE: MERALCO ENERGY SCIENCE FAIR/YOUTH ENERGY SUMMIT this Office encourage all secondary schools to join the aforementioned competition. Attached are enclosures of Regional Memorandum No. 508, s. 2019 which contains the General Guidelines, Contest Mechanics, Registration Process, and Selection Process.
2. Interested participants must open <https://yes.energved.ph> to register on or before October 30, 2019. Registration to the said competition must be furnished to Analy L. Ocier, at anocier@gmail.com.
3. Should there be queries, contact Analy L. Ocier at mobile number 09269505699.

Copy furnished:

Records unit
CID



Republic of the Philippines
DEPARTMENT OF EDUCATION
DepEd Region X – Northern Mindanao



September 3, 2019

REGIONAL MEMORANDUM

No. 508, s. 2019

DepED-X
Cagayan de Oro City

SEP 10 2019
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RELEASED

MERALCO ENERGY SCIENCE FAIR / YOUTH ENERGY SUMMIT

To: **Schools Division Superintendents**
This Region

1. The **One Meralco Foundation (OMF)** has conceptualized the Youth Energy Summit (YES), a competition designed to provide an avenue for students to engage in meaningful and innovative strategies and suggest relevant solutions on issues about energy access and energy efficiency.
2. Anchored on the theme “Energy for Social Good,” the summit will engage the youth meaningfully in the energy discussion to address the energy crisis due to the increasing demand for energy and its depleting supply.
3. The competition is subdivided into five (5) tracks, namely:
 - a. TRACK 1 – Energy in the Community
 - b. TRACK 2 – Energy Investigation
 - c. TRACK 3 – Energy Innovation
 - d. TRACK 4 – Energy Advocacy
 - e. TRACK 5 – Best Practices in Energy Education
4. The YES competition is open to all interested high school & college students, as well as teachers. For details, please visit this link: https://yes.energved.ph/pdf/YES_General_Guidelines.php.
5. Attached is the letter of invitation from One Meralco Foundation for the details.
6. Immediate and wide dissemination of this Memorandum is desired.


DR. ARTURO B. BAYOCOT, CESO III
Regional Director

CLMD/nick



Certificate Number: AJA18-0170

The LEARNER: The heart of DepEd Region X.

Regional Office 10-Northern Mindanao, Zone 1, Upper Balulang, Cagayan de Oro City

(088) 880-7072, 880-7071 (08822) 72-26-51

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NERV

SUMMIT

Meralco Energy Science
Fair / Youth Energy
Summit

08.22.19

Mechanics

All contemporary societies rely heavily on energy. However, with the increasing demand for energy and its depleting supply, the social, environmental and economic costs associated with energy consumption are also increasing. And addressing this energy crisis requires the participation of a multiplicity of actors from different sectors, including the youth.

To engage the youth more meaningfully in the energy discussion, OMF conceptualized the Youth Energy Summit (YES). YES is a competition designed to provide the youth, especially students, an avenue to hone their capacities and potentials in exploring more strategies to enhance energy efficiency and conservation in their communities or of the entire country.

The competition is subdivided into five (5) tracks, namely:

- Track 1 : Energy in the Community
- Track 2 : Energy Investigation
- Track 3 : Energy Innovation
- Track 4 : Energy Advocacy
- Track 5 : Best Practices in Energy Education

Each competition track has distinct guidelines and eligibility requirements which will be further discussed in the succeeding section.

Tracks 1-4 are team competitions. Each team shall have no more than 3 members and shall enlist a member of their school faculty as team adviser. Track 5 is an individual competition and open solely for teachers.

Each team / participant is only allowed to enter one project or entry. Moreover, a school can only send one (1) entry per track.

The organizers have the right to change rules/mechanics should be deemed necessary.

Deadline of submission is on **October 31, 2019**.

Competition tracks

Before signing up, interested participants should already have a specific energy concern, whether at the local or national scale, that they would wish to address. How one intends to address such concern must fall under one of the following tracks.

COMPETITION TRACK	DESCRIPTION	CRITERIA
Energy in the Community	<p>Open to university/college, Junior High School (JHS) and Senior High School (SHS) students</p> <p>Highlights ideas and concepts that may provide and/or improve energy access, conservation, and/or generation in power-poor communities.</p> <p>Only <u>proposed</u> projects shall be accepted as entries.</p>	<p>Creativity – The project shall demonstrate a transformative solution to the energy concern of the chosen community</p> <p>Viability – Likelihood of the project to meet the proposed goals</p> <p>Perceived impact – The team shall make a clear and compelling case that their project addresses the energy concern of and generates outcomes in the chosen community</p>
Energy Investigation	<p>Open to JHS and SHS students</p> <p>Involves researches that explore new energy sources and materials, and efficient models for energy use. Or studies that examine viability of alternative energy sources and its implications to the environment.</p> <p>Entries must be researches/studies that had been conducted within 1 year from YES' deadline of submission (October 31)</p>	<p>Originality – The research shall be an original work. Plagiarism is a ground for disqualification.</p> <p>Sound data – Substantive data and accuracy of interpretation</p> <p>Relevance – Overall impact of research (immediate or potential) on the energy sector at the local or national level</p>
Energy Innovation	<p>Open to University/college, JHS, and SHS students</p> <p>Focuses on innovative products and technologies that may enhance energy generation, reduce cost of production and consumption, mitigate adverse impacts of energy use, and improve energy security.</p> <p>The innovative products/tech must have undergone product use testing / quality</p>	<p>Originality – The design must be original.</p> <p>Innovation – The product / technology shall be distinctive or fundamentally different from existing approaches</p> <p>Perceived impact – Potential to yield the same or better results/impacts than existing</p>

	<p>testing. Participating teams should also be able to present a functional free trial/product demo/prototype with key functionalities.</p>	<p>products/tech</p> <p>Scalability and Replicability – Likelihood of the product/tech to accommodate growing demand and to be duplicated in other communities or regions in the same country or abroad</p>
Energy Advocacy	<p>Open to university/college students</p> <p>Involves the creation, production and dissemination of a video material on energy efficiency and access to energy. These materials should be able to effectively position an energy initiative in the eyes of its target audience --- be it consumer, investors, government, and other stakeholders.</p> <p>Note: the final video is one of the application requirements of this track.</p>	<p>Message – The video shall clearly present the energy concern being tackled and provide at least one reasonable solution to the issue</p> <p>Accuracy – Data and information being presented shall be accurate</p> <p>Creativity – The materials used in the video should be able to lend itself to the overall message and shall be able to draw viewers and their attention</p> <p>Call to Action – The video shall be able to provide an action component (what should be done) enough to inform and compel to take action and create change</p>
Best Practices in Energy Education	<p>Open to gradeschool and high school teachers</p> <p>Involves creative and practical teaching innovations in energy education using Project-based Learning approaches</p>	<p>Alignment to K12 curriculum, 21st century standards (creativity, collaboration, communication, critical thinking), and SDG 7;</p> <p>Contextualized learning content</p> <p>Assessment aligned to learning objectives</p> <p>Replicability</p>

REGISTRATION PROCEDURE

1. Form a team.
 - Interested participants for Tracks 1 to 4 should form a team composed of 3 members and should have an adviser.
 - Track 5 is categorized as an individual competition. Participants need not enlist an adviser.
2. Choose a track.
 - Decide under which of the 5 tracks your project fits most.
 - Note that only one entry per team is allowed.
3. Register to the competition
 - Sign up for an account on the YES website
 - a. Open <https://yes.energyed.ph> in your browser.
 - b. Under the Register tab, select "Register to the Competition" and then click your chosen track;
 - c. Register your Team to the competition by filling out the required fields. Make sure to provide your working contact number and email address. Verification procedures and log in credentials will be sent through these media:
 - d. Using the Log In credentials we provided, complete your registration to the competition in the above competition website:
 - e. Make sure to fill out the required fields and download the competition forms;
 - f. Collate all documentary requirements;
 - g. Upload your registration form and the necessary attachments to the YES website using your YES account.
 - Only when you receive an email acknowledgment from the Organizers will your entries be considered official;
 - Entries must be sent on or before the specified closing date to avoid disqualification;
 - All documentary requirements should be compressed into one file and should not exceed 25 MB.
 - For picture and video document, submit through Google Drive. File name should indicate the name of your school and track. E.g. Bayabas National High School_Track 1_Isang Litrong Liwanag;
 - Submitted entries cannot anymore be revised or edited.

SELECTION PROCEDURE

1. Filtering – All entries will be reviewed by the Project Secretariat. Only entries that are able to meet all competition requirements shall be endorsed for pre-screening.
2. Pre-screening – All qualified entries will be reviewed by a select panel of judges sometime between November 4 and December 6. Ten (10) semi-finalists per track shall be selected.
3. Validation – All semi-finalists shall be subjected to project validation via online/phone interviews. On-site validation may be conducted upon the recommendation of the pre-screening panel of judges.

4. Selection of Finalists – After validation, at most four (4) finalists will be selected for each track. Finalists will be notified by the Organizers through email. Announcement of finalists will be on December 15.
5. Closed-door defense – Finalists will be invited to present and defend their entries to another set of judges. Each team will be given fifteen (15) minutes to present their project and (15) minutes to accommodate the questions of the panel. Only (1) team member will present while the other two (2) members will assist on the technicalities of the presentation. However, ALL team members must answer questions from the panel. From this round, the winning projects will be selected. This will happen on January 2020. Venue and date TBA.
6. Rubrics will be used as scorecards for the judging process.

4.3.3 CULMINATING ACTIVITY

YES will culminate in a Summit where students and energy stakeholders will gather to talk about issues & concerns, as well as resolutions & current initiatives on energy. This will also serve as a venue for the YES competition finalists to showcase their projects. The culminating activity will have two parts, namely: project exhibit and summit proper.

Project Exhibit

Project highlights of all finalists will be presented in a gallery. A representative of each team finalists shall man their exhibit board to entertain questions coming from the onlookers.

Organizers would provide tables during the exhibit. No tarpaulins are allowed as display in line with the environment advocacy of the government. Project display must be made of sintra board.

Display board for Energy Investigation should follow this size and format found in Annex 7. Track 4 no display board. Hazardous, sharp, flammable chemicals and materials should not be included in the display booth.

Summit Proper

This part is practically a forum. Energy movers in the society will be tapped to discuss various topics on energy trends. The audience, consisting mostly of students, is enjoined to ask questions to the speakers in an open forum after the talks.

Winners of the YES competition will be announced after the open forum.

4.3.4 AWARDS

Winners of the YES competition will receive the following citations and prizess:

Major Awards

1. Grand prize per track (Tracks 1-4): Php 30,000.00
2. Runner up per track (except Track 5): Php 25,000.00

3. Grand prize (Track 5): Php 20,000.00
4. Schools of winners per track (except Track 5): Php 20,000.00

Special awards

1. Best Exhibit: Php 15,000.00
2. Best Oral Presentation: Php 15,000.00
3. People's Choice Award: Php 15,000.00
4. Award on Scalability: Php 15,000.00
5. Best Project on Community Welfare: Php 15,000.00
6. MVP award: Php 30,000.00

PRIVACY POLICY

Child Protection

Students below 18 years old should submit written consent signed by his/her parents or guardians allowing use of his/her photos/videos for publicity.

Collection and Use of Personal Information

One Meralco Foundation (OMF) and the Coalition for Better Education (CBE), collectively referred to as "Organizers", will gather information necessary to verify the identity and affiliation of the entrants/participants.

We will use your information to give feedbacks and updates on your application, and to respond to your enquiries.

Personal information provided to the Organizers will not be disclosed to a third party without your consent. The Organizers will not sell or rent such information to anyone.

Note that by joining YES, you hereby warrant that all information submitted by you is true, current, and complete. The Organizers reserve the right to verify the eligibility of all entrants. Falsification of documents is grounds for disqualification.

Intellectual Property Rights & Use of Entries

The Organizers do not claim any rights of ownership in your Entry, including all processes and procedures undertaken, and product and technologies developed.

Although you retain ownership and copyright of your Entry, the Organizers are authorized to make any and all Entries available in their publications and on their websites and any other media.

The Organizers reserve the right to use the names, photos and addresses of Entrants in any press releases in print, broadcast, TV, and online platforms.



ONE MERALCO
FOUNDATION

August 19, 2019

ARTURO B. BAYUCOT, PhD, CESO III

Regional Director

Department of Education Region X

Dear Dr. Bayucot:

Greetings from One Meralco Foundation and Coalition for Better Education!

DepEd Region 10 and the above organizations have already forged partnerships in the past through the conduct of projects that geared towards improving the quality of education in the country. We truly appreciate Region 10's support in all our endeavors.

This year however, we would like to embark on a new journey with you through our Energy Education Program. With the increasing demand for energy and its depleting supply, the social, environmental and economic costs associated with energy consumption are also increasing. There are no easy solutions to the energy crises but OMF and CBE see so much potential in the youth to resolve such pressing energy-related concerns. Thus, the Youth Energy Summit (YES) was conceptualized. YES is a competition designed to provide an avenue for students (and teachers) to engage in meaningful and innovative strategies and suggest relevant solutions on issues relating to access and efficient use of energy.

Participants will compete in five (5) tracks, namely: Energy in the Community, Energy Investigation, Energy Innovation, Energy Advocacy, and Best Practices in Energy Education. For details, kindly see attached briefer.

In line with this initiative, we would like to conduct an information campaign about the said competition on August 30, 2019, 1:30 – 3:00 p.m. On this note, may we request the following from your good office?

- Event venue be held at your Regional Office Conference Room on the proposed date and time. CBE/OMF will provide for the snacks of the attendees;
- Assistance in sending a memo advisory to both public and private junior and senior high schools that may be interested and/or qualified to participate in the competition to attend the information campaign. Schools division superintendents and school heads are encouraged to attend the event;
- Granting of Travel Order to two (2) teachers and one (1) principal that we have trained under the Energy Education Program on August 30, 2019 to assist us in facilitating/moderating the program flow:
 - Dr. Jessica Joy Hinacay, Camaman-an Elementary School
 - Mr. Avelino Costanilla Jr, Camp Evangelista Elementary School
 - Ms. Myrna Palomas, Macabalan Elementary School



We will be coordinating with your office to confirm your availability on the requested date. For further inquiries, we can also be reached through these numbers and email address: 032 416-4624 to 26, admin@cbephils.net.

Thank you very much and we look forward to your favorable response.

Very truly yours,

A handwritten signature in black ink, appearing to read "Jeffrey O. Tarayao", written in a cursive style.

JEFFREY O. TARAYAO

President

One Meralco Foundation

A handwritten signature in black ink, appearing to read "Luchi C. Flores", written in a cursive style.

LUCHI C. FLORES

Executive Director

Coalition for Better Education



YOUTH ENERGY SUMMIT 2019

Background

Introduction

The youth's role as a catalyst for change in energy use and consumption has always been undermined simply because parents and those older than them make the decision on how to manage energy use in the household. However, over the years, young people have contributed on energy consumption not only in households but in schools and in a larger scale, the community. The increasing dependence of the youth on technology and equipment that require energy use cannot be ignored. There is a need, therefore, for young people aged 15-30 to understand their role in promoting the efficient use of energy and drive behavioral change. In the academic setting, the drive to participate in the country's energy challenges has been increasing, with the number of competitions engaging students to develop solutions on energy access and efficiency. These show the growing engagement of young people in addressing energy challenges in their own communities and spheres of influence as well as those of national interests.

In order to further that enthusiasm by our young people to be more conscientious of their role in energy use, One Meralco Foundation has conceptualized the Youth Energy Summit (YES); a competition designed to provide an avenue for students to engage in meaningful and innovative strategies and suggest relevant solutions on issues about energy access and energy efficiency. The program can be thematic on an annual basis. On its first year, the theme is "Energy for Social Good." Participants will compete in five (5) tracks, namely:

Category	Description	Target participants
Energy in the Community (Access);	Involves ideas and/or initiatives that entail energy access, conservation, and/or generation in power-poor communities and highlights collaborative and community-based approaches to address local energy concerns. Such interventions should be able to spur or support economic and/or social development in the said communities. Entries could either be an implemented, on-going, or a proposed intervention.	University/college, JHS, and SHS students
Energy Investigation (Research);	Involves application of scientific ideas and principles to provide possible solution to a particular energy-related concern. This serves as a contribution to	Junior High School (JHS) and Senior High School (SHS) students

	<p>the existing pool of knowledge on energy, thus providing energy stakeholders and decision-makers more options to consider in producing energy-efficient technologies and/or crafting policy;</p> <p>Specifically, this covers researches on energy (alternative source, use, conservation)</p>	
Energy Innovation;	<p>Involves the development of innovative products (prototypes) or ICT-based applications when adopted, can possibly aid in the transformation of the energy sector to one that is efficient and sustainable.</p> <p>Highlights STEM and/or TVL areas</p>	University/college, JHS, and SHS students
Energy Advocacy; and	<p>Involves the creation, production and dissemination of a video material on energy efficiency and access to energy. These materials should be able to effectively position an energy initiative in the eyes of its target audience --- be it consumer, investors, government, and other stakeholders.</p>	University/college students
Best practices in EnergyEd	<p>Involves creative and practical teaching innovations in energy education using <i>Project-based Learning</i> approaches</p>	Gradeschool and high school teachers

For details, please visit our website <https://ves.energyed.ph>.