



SMPCEMPoweringOthers

# THE CURRENT

The Official Community Relations Newsletter of **Sem-Calaca Power Corporation** and **Southwest Luzon Power Generation Corporation**

Subsidiaries of **Semirara Mining and Power Corporation**

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To the esteemed stakeholders of Sem-Calaca Power Corporation and Southwest Luzon Power Generation Corporation, I am beyond honored and privileged to express my deepest appreciation to each one of you who plays a vital role in the success of our power plant.

To our dedicated employees, your unwavering commitment and hard work are the backbone of our day-to-day operations. Your expertise and diligence significantly contribute to the smooth and efficient functioning of our power plant.

I would also like to extend my gratitude to our suppliers and partners. Your collaboration and reliability are instrumental in maintaining a seamless supply chain, allowing us to meet the energy needs of the communities we serve.

I am also sending a heartfelt thank you to the regulatory bodies and government agencies that guide us with policies and standards. Your commitment to safety and environmental stewardship inspires us to continually strive for excellence.

Lastly, to our customers—the reason for our existence. Your trust in our services drives us to innovate and provide sustainable and reliable power. Your satisfaction remains at the core of our mission and vision.

Together as stakeholders in this journey, we form a cohesive unit working towards a common goal. Your contributions are invaluable, and I express my sincere gratitude for your continued support. Here's to a future of collaboration, growth, and shared success.

Thank you.



**Charlie V. Robles**  
Vice President and  
Power Complex Manager



**Divino C. Vergara**  
Environmental Safety  
and Health (ESH) Head

In Sem-Calaca Power Corporation and Southwest Luzon Power Generation Corporation, we place a significant emphasis on fostering a culture of safety, promoting environmental responsibility, and safeguarding the well-being of our employees.

This involves the continuous improvement in our processes to eliminate unsafe working conditions, regulatory compliance, and proactive measures to create a sustainable and secure work environment.

As the head of Environmental, Safety, and Health (ESH) Department, I want to assure you of our unwavering commitment to both environmental compliance and occupational safety and health.

We ensure the strict compliance to the environmental standards set by our regulatory agencies, aiming to minimize any adverse effects on our surroundings. Apart from this, we prioritize the safety and well-being of our workforce.

Regular training sessions and drills are conducted to enhance preparedness and emergency response capabilities.

Together, let us forge a path towards a safer, cleaner, and healthier environment for generations to come.

THE CURRENT is the official quarterly community newsletter of Sem-Calaca Power Corporation (SCPC) and Southwest Luzon Power Generation Corporation (SLPGC). Its main office is located at Barangay San Rafael, City of Calaca, Batangas 4212. For concerns, please contact us at **09171003876** or email **CommunityRelations@semcalaca.com**.

- Editorial Adviser** Charlie V. Robles
- Editor in Chief** Portia M. Vizconde
- Managing Editor** Ellaine S. Royo and Fiona B. Lota
- Associate Editor** Vincent M. Humarang
- Editorial Assistant** Katlyn B. Panganiban
- Layout & Design** Fiona B. Lota

## Adopt-an-estero program bags award on environmental summit 2023



The Department of Environment and Natural Resources (DENR) awarded a Plaque of Recognition to Sem-Calaca Power Corporation (SCPC) during its Ecological EIC SWM Summit last July 21, 2023 in acknowledgement of the company's commitment, dedication, and active participation in protecting its adopted water body through the Adopt-an-Estero Program.

This recognition also extends to SCPC's efforts in raising awareness for the implementation of RA 9275 (Philippine Clean Water Act of 2004) and RA 9003 (Ecological Solid Waste Management Act of 2000).

The summit also covered the introduction of RA 11898 or the Extended Producers Responsibility Act.

DENR's environmental summit commenced with the theme "No to Waste: Advancing Circular Economy to Beat Plastic Pollution" and was held at Taal Vista Hotel, Tagaytay City, Cavite. It showcased and highlighted outstanding initiatives and practices by both the government and private sectors towards environmental protection and preservation.

## SCPC and SLPGC run IEC campaign for solid waste management



As part of their Solid Waste Management Program, SCPC and SLPGC initiated an information campaign to raise environmental awareness through the coordination of their Envi Team with the City Environment and Natural Resources Office of Calaca.

From July to September of 2023, residents living near rivers in Barangays Pantay, San Rafael, Calantas, Dacanlao (City of Calaca), and Sampaga (Municipality of Balayan) were taught proper waste segregation and other vital rules and

guidelines for waste management.

Barangay officials, health workers, residents, and youth members were involved in the initiative. Aside from the information drive, SCPC and SLPGC provided trash bins to all participating barangays.

## Emergency preparedness and response for the public

Twenty-three participants from Barangays Camastilisan, Pantay, San Rafael, Dacanlao, Sampaga, Durungao, Quizumbing, and Calantas attended the Emergency Preparedness and Response Seminar hosted by SCPC and SLPGC last July 12, 2023. The seminar aimed to educate and increase the public's awareness on the safety precautions, do's and don'ts during calamities, and best practices in case of emergencies and natural disasters such as earthquakes, tsunamis, typhoons, flash floods, and fire.

Mr. Gaylord Arroyo, the powerplant's Fire and Safety Supervisor, served as the seminar's speaker. The event was held at SCPC/SLPGC Housing Facility Building 2.



## First aid knowledge goes a long way



Continuing with its commitment to equip individuals with life-saving skills and knowledge to effectively respond to any call of emergencies, SCPC and SLPGC provided Basic Life Support and First Aid training to 24 participants from the power plant's impact barangays.

The three-day seminar was held at SCPC/SLPGC Housing Facility last July 12-14.

The training included lecture, actual exercises for the trainees, and a final assessment conducted by the powerplant's partners from the Philippine Red Cross.

Methods for immediate intervention such as Cardiopulmonary Resuscitation (CPR) and Basic First Aid are vital in increasing a patient's chances of survival and minimizing the impact of injuries prior to the arrival and availability of professional help during emergencies.

SCPC and SLPGC conduct this kind of training twice a year for their impact barangays within the City of Calaca and Municipality of Balayan.



## Voluntary blood donation drive yields 75 bags of blood

In partnership with the Philippine Red Cross – Batangas Chapter, SCPC and SLPGC conducted their second voluntary blood donation last July 19, with the support of their Medical Section at Calaca Power Complex.

SCPC and SLPGC employees, along with their contractors, volunteered to donate for this meaningful initiative. As part of their ongoing employee engagement and social development program, this drive sought to save lives and contribute to the well-being of those in need of blood.

Approximately 75 bags of blood were collected during the activity from the dedicated donors.



## SCPC and SLPGC recognized in provincial Sandugo Awards 2023



SCPC and SLPGC were recognized for their continued efforts, active involvement, and commitment in the promotion of voluntary blood donation in the Province of Batangas during the recently held Provincial Sandugo Awards 2023 at the Provincial Auditorium, Batangas City last August 18.

The event gathered government, private, and non-government organizations celebrated this milestone from the Batangas Provincial Blood Council.



## More than 500 patients benefit from medical mission



As part of their Social Development Program, SCPC and SLPGC conducted a whole-day medical mission in Barangay Baclaran, Balayan, Batangas last July 28, to provide free consultations and basic healthcare to their host community.

The activity involved the provision of free medicines, medical consultations, eye check-up, reading glasses, circumcision, x-ray, and dental services to a total of 534 beneficiaries. This activity was made possible in partnership with the Philippine Red

Cross – Batangas Chapter, Balayan Rural Health Unit, Medical Center Western Batangas, Focus Richman Eye Clinic, Baclaran Elementary School, and Balayan Golden Eagles.





# SCPC and SLPGC extend support to Bayanihan 2023

Reinforcing their commitment to providing quality education to host communities, power companies SCPC and SLPGC extended their support to the Department of Education's (DepEd) Brigada Eskwela 2023. This year's theme, "Bayanihan para sa matatag na paaralan," highlights the value of collective action to ensure the strength and resilience of our country's learning institutions for the benefit of our learners.

The companies distributed more than 170 gallons of white latex paint to 20 primary and secondary schools in the City of Calaca and Municipality of Balayan for renovation and beautification purposes on August 17 and 24. This initiative is on top of both companies' earlier Brigada Eskwela participation conducted in the first quarter of the year.





## Mapping out plans for Calacazens' health and nutrition



The City Nutrition Council (CNC) of Calaca, Batangas facilitated a two-day Local Nutrition Action Plan (LNAP) Formulation Workshop focused on the conceptualization of various nutritional programs to benefit the health of residents.

It was attended by representatives from SCPC and SLGPC together with other locators from the city.

During the event, the participants zoomed in on the implementation of existing and newly proposed nutritional programs for the next three years.

The workshop was facilitated by OIC Regional Nutrition Program Coordinator Loudes B. Orongan and DMO II Zarah Clarice Megino and was held at Twin Lakes Hotel, Tagaytay City on September 21 to 22.



# Calaca City Police receive rice packs from SCPC and SLPGC

SCPC and SLPGC donated thirty-eight packs of 5-kilo rice to Calaca City Police Station in support of their Outreach Program Activity last July 21, at the Calaca City gymnasium. The outreach sought to benefit 400 indigents from each barangay in the City of Calaca.

PLTCOL. Eduardo Balita, the Officer-in-Charge for Calaca City Police Station, was very thankful for the help and support of the power plant to their existing programs for the community.

**Ariel B. Echeveria** (Security Head, SCPC/SLPGC), **Lt. Col. Eduardo Balita** (Officer-in-Charge, Calaca City Police Station), **Portia M. Vizconde** (Supervisor, Communications and Public Relations, SCPC/SLPGC), **Vincent M. Humarang** (Assistant, Communications and Public Relations, SCPC/SLPGC.)



# Spreading diabetes awareness

In support of the National Diabetes Awareness Week, SCPC and SLPGC's very own doctor of internal medicine, Dr. Advent Genesis M. Araja, conducted a health lecture activity to 34 barangay health workers and other barangay functionaries of Brgy. Dacanlao, City of Calaca last July 26.

The week-long awareness campaign seeks to educate the public about diabetes. The National Diabetes Awareness Week in the Philippines officially runs from July 9-15, but the observance lasts up to three weeks to intensify the efforts in raising awareness for the risk factors, prevention, management, and the breadth of research that surrounds the disease.





# Health Tips: FAMILY PLANNING

## WHY USE FAMILY PLANNING?

- ✓ Reduce the risk of maternal, newborn, infant, and child illness and death by preventing a high-risk pregnancy in women with certain health conditions or characteristics, or by preventing an unplanned pregnancy
- ✓ Women typically welcome pregnancy and childbirth, especially when planned
- ✓ Avoid unwanted birth
- ✓ Bring about wanted birth
- ✓ Regulate the intervals between pregnancies
- ✓ Control the time at which birth occurs in relation to the ages of the parent
- ✓ Determine the number of children in the family



# COMPARING FAMILY PLANNING METHODS

| Most effective and easiest to use   | Very effective but must be <u>carefully used</u> | Effective but must be <u>carefully used</u> |
|---|--|---|
| <p>Female sterilization      Vasectomy</p>  | <p>Breastfeeding method</p>                      | <p>Fertility awareness-based methods</p>    |
| <p>IUD      Implants</p>  | <p>Injectables      Pills</p>                    | <p>Male and female condom</p>               |
| <div style="background-color: #3CB371; color: white; padding: 10px; border-radius: 50%; display: inline-block;"> <p><b>IMPORTANT!</b><br/>Only condoms protect against both pregnancy and STIs or HIV/AIDS</p> </div> |  |   |



We minimize our environmental impacts through responsible management of emissions and plant effluents monitoring. We conduct various monitoring activities regularly, all of which are routinely checked by the Department of Environment and Natural Resources (DENR). These quarterly monitoring activities are done with a DENR-accredited third-party consultant and results of which are validated through a separate Multi-partite Monitoring Team (MMT) validation activity.

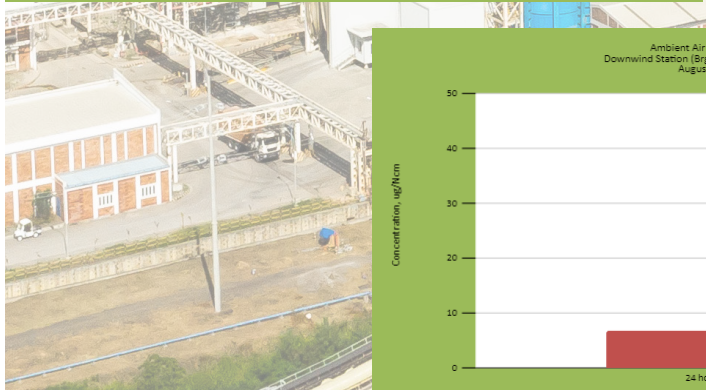
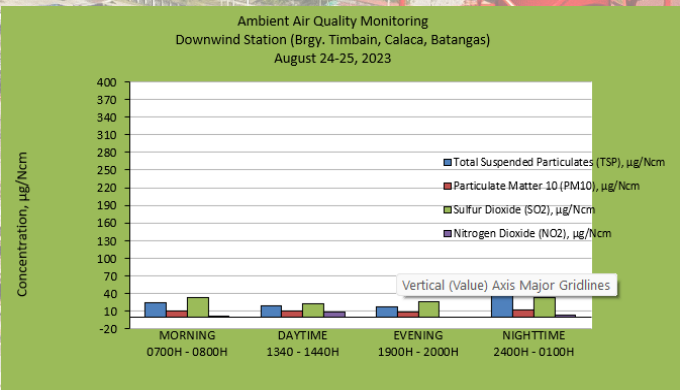
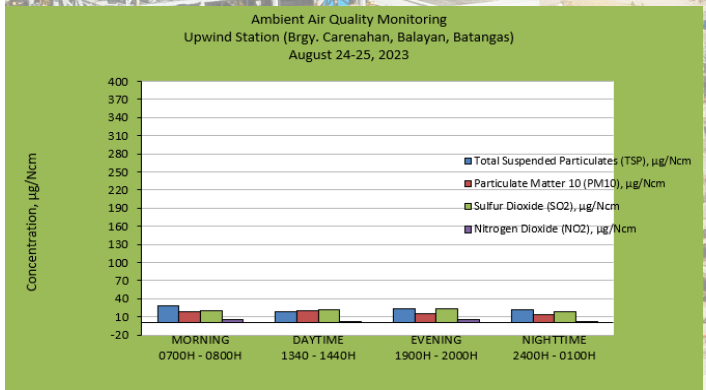
## Plant Effluents Monitoring

| Wastewater Quality Monitoring<br>August 24, 2023 |                      |                |            |              |                      |                       |                 |  |
|--|----------------------|----------------|------------|--------------|----------------------|-----------------------|-----------------|--|
| Station  | Plant Effluents      |                |            |              |                      |                       |                 |  |
|  | Temperature          | pH             | TSS        | Oil & Grease | Phosphate            | Boron                 | CO <sub>2</sub> |  |
| <b>SCPC</b>                                      |                      |                |            |              |                      |                       |                 |  |
| Condenser Outlet 1                               | 32                   | 8              | 1          | <1.0         | 0.09                 | 4.79                  | 153             |  |
| Condenser Outlet 2                               | 31                   | 8.1            | 2          | <1.0         | 0.05                 | 4.85                  | 187             |  |
| SCPC Outfall Discharge                           | 32                   | 8.1            | 12         | <1.0         | 0.08                 | 4.41                  | 156             |  |
| <b>SLPGC</b>                                     |                      |                |            |              |                      |                       |                 |  |
| Condenser Outlet 3A                              | 31                   | 8.1            | 2          | <1.0         | 0.07                 | 3.82                  | 168             |  |
| Condenser Outlet 3B                              | 32                   | 8.1            | 2          | <1.0         | 0.04                 | 4                     | 129             |  |
| Condenser Outlet 4A                              | 31                   | 7.9            | 2          | <1.0         | 0.04                 | 4.02                  | 65              |  |
| Condenser Outlet 4B                              | 32                   | 7.8            | 2          | <1.0         | 0.04                 | 4.14                  | 155             |  |
| SLPGC Outfall Discharge                          | 31                   | 8.1            | 3          | <1.0         | 0.05                 | 4.26                  | 47              |  |
| Common Outfall Discharge                         | 31                   | 8.1            | 3          | <1.0         | 0.03                 | 4.73                  | -               |  |
| <b>DENR Standard</b>                             | <b>3<sup>a</sup></b> | <b>6.0-9.0</b> | <b>100</b> | <b>10</b>    | <b>4<sup>b</sup></b> | <b>25<sup>c</sup></b> | <b>200</b>      |  |

Notes: Plant effluent quality monitoring results are within DAO 2016-08 General Effluent Standards and \*DAO 2021-19 Effluent Standards, Class SC Source of Condenser Outlets, Outfall Discharge and Common Outfall Discharge are all marine (sea) water.

| Wastewater Quality Monitoring<br>August 24, 2023 |                 |             |            |          |            |              |            |            |   |
|--|-----------------|-------------|------------|----------|------------|--------------|------------|------------|---|
| Station  | Plant Effluents |             |            |          |            |              |            |            |   |
|  | Arsenic         | Cadmium     | Hexavalent | Copper   | Lead       | Mercury      | Nickel     | Zinc       |   |
| <b>SCPC</b>                                      |                 |             |            |          |            |              |            |            |   |
| Condenser Outlet 1                               | -               | -           | -          | -        | -          | -            | -          | -          | - |
| Condenser Outlet 2                               | -               | -           | -          | -        | -          | -            | -          | -          | - |
| SCPC Outfall Discharge                           | <0.010          | <0.002      | <0.01      | 0.007    | <0.007     | <0.0004      | 0.012      | 0.015      |   |
| <b>SLPGC</b>                                     |                 |             |            |          |            |              |            |            |   |
| Condenser Outlet 3A                              | <0.010          | <0.002      | <0.01      | 0.005    | <0.007     | <0.0004      | 0.011      | 0.055      |   |
| Condenser Outlet 3B                              | <0.010          | <0.002      | <0.01      | 0.009    | <0.007     | <0.0004      | 0.021      | 0.055      |   |
| Condenser Outlet 4A                              | <0.010          | <0.002      | <0.01      | 0.005    | <0.007     | <0.0004      | 0.013      | 0.026      |   |
| Condenser Outlet 4B                              | <0.010          | <0.002      | <0.01      | 0.005    | <0.007     | <0.0004      | 0.01       | 0.009      |   |
| SLPGC Outfall Discharge                          | <0.010          | <0.002      | <0.01      | 0.004    | <0.007     | <0.0004      | 0.007      | 0.034      |   |
| Common Outfall Discharge                         |                 |             |            |          |            |              |            |            |   |
| <b>DENR Standard</b>                             | <b>0.04</b>     | <b>0.01</b> | <b>0.1</b> | <b>1</b> | <b>0.1</b> | <b>0.004</b> | <b>0.3</b> | <b>1.5</b> |   |

## Ambient Air Quality Monitoring



## Ambient Noise Quality Monitoring

