



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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Alinsunod sa Energy Regulation (ER) 1-94 ng Department of Energy (DOE), nakapag-remit ng pondo ang Sem-Calaca Power Corporation (SCPC) sa munisipalidad ng Calaca, Batangas bilang tugon sa pagsugpo ng Covid-19.



SCPC NAKAPAG-REMIT NG DOE ER 1-94 PONDO KONTRA COVID-19 SA CALACA

PAHINA 9



DENR-CENRO OF CALACA RECOGNIZES 'ADOPT-A-FOREST' PROGRAM

PAHINA 3

Since November 2019, the team's "Adopt-a-Forest" program has been able to protect and reforest approximately 3,300 species of narra, mahogany, and molave trees along the 50-hectare portion of the E-NGP site in Barangay Patugo, Balayan, Batangas.



PAGBABAYANIHAN SA PANAON NG PANDEMYA

PAHINA 6

Sa diwa ng bayanihan, sinikap ng Sem-Calaca Power Corporation (SCPC) at Southwest Luzon Power Generation Corporation (SLPGC) na mag-abot ng tulong sa mga karatig na barangay upang malabanan ang pangkalusugan at ekonomikal na epekto ng Covid-19.



OPORTUNIDAD SA PAG-AARAL, TULAY SA TAGUMPAY

PAHINA 10

"Bilang isang benepisaryo ng scholarship program ng Sem-Calaca Power Corporation (SCPC), sinagot nito ang napakalaking bahagi ng pangangailangang pinansyal ng aking pag-aaral na karaniwang nagiging problema ng karamihan."



Engr. Denel C. Mateo
Assistant Vice President
and Officer-in-Charge,
SCPC and SLPGC

The essence of this newsletter is to convey message among us and to our shareholders, the community we belong, surrounding the existence of our company on its daily operations. This maiden issue will mark the beginning of a more transparent and edifying presence of Calaca Power Complex (CPC) to its employees and host communities. This bridge of communication will definitely bring news and information which will traverse to our community households, offices and even in other far-flung places.

Converging the company and the community we serve, the heart of this newsletter lies on the ideas and the clout it will bring to the mind of our readers and beneficiaries. As the head of CPC, I am fully aware that the contribution and impact of this broadsheet will go a long way bringing the company outside our circle of influence, touching the lives of our people and the society.

My felicity and congratulations as we welcome this contemporary avenue of good news and tidings!

“Ang panulat ay mas makapangyarihan kaysa espada” (*The pen is mightier than the sword*). Isang pabatid at paniniwala na lubos nating mauunawaan sa pagbubukas ng ating tatluhang-buwang paglilimbag ng CPC Current.

Mabisa ang pagsulat na tagapaghatid ng makatotohanang pangyayari, at tagapagpalaganap ng kailangang impormasyon. Masasalaming ang kwento at istoryang umuugit sa tagumpay, pagsisikap, pagkakaisa, pakikitungo sa ating mga katuwang sa negosyo at tunay na pagtulong at paglilingkod sa kinabibilangan nating komunidad.

Sa pag-usad ng ating newsletter, tunghayan natin ang mga pahina ng iba’t ibang kwentong tatatak sa ating kaisipan na bunga ng ating pagkakaisa, pagdadamayan at mahalagang yugto ng kompanyang ating pinaglilingkuran. Isang pagbati at malugod na pagsalubong sa pagbubukas ng isang bagong daluyan ng makabuluhang talakayan at pahayagan para sa lahat!



Hon. Mayor Sofronio C. Ona, Jr.
Municipality of Calaca, Batangas

Sa ngalan ng ating minamahal na Bayan ng Calaca, ipinaaabot ko ang taus-pusong pagbati at pasasalamat sa Calaca Power Complex sa pamamagitan ng Communications and Public Relations Department sa paglalathala ng babasahing magsisilbing gabay at instrumento sa pagbabahagi ng tamang kaalaman sa lahat. Sa mga nakalipas na taon, ang Sem-Calaca Power Corporation at Southwest Luzon Power Generation Corporation ay may malaking ambag sa pagkamit ng mataas na antas ng kaunlaran sa Bayan ng Calaca. Ito rin ang isa mga naging tulay upang higit na makilala ang ating bayan sa lalawigan, maging sa ibang panig ng bansa. Salamat sa inyong kontribusyon sa pamayanang Calaqueño sa pamamagitan ng mga pangkalahatang programang nag-aangat sa buhay at kabuhayan ng bawat mamamayan.

Asahan ninyo ang suporta ng pamahalaang lokal sa inyong mga adhikain lalo’t higit sa mga proyektong nagsusulong sa kapakanan ng mga mamamayan. Gayundin, sa pamamagitan ng lathalaing ito, sama-sama nating pagsikapang itaguyod ang kahalagahan ng tama at napapanahong impormasyon sapagkat ito ay matibay na kalasag upang magtagumpay tayo sa ating mga mithiin para sa ating komunidad. Humaharap man tayo sa hamon ng pandemya, magkatuwang pa rin tayong babangon upang patuloy na isulong ang pag-unlad.

Dalangin ko na sa pamamagitan ng programang gaya nito, higit nating mapagyaman ang ating kaalaman at kakayahan upang makamit ang magandang kinabukasan para sa ating bayan. Sama-sama tayo sa paggawa para sa Bayan ng Calaca!



Edgardo V. Araya
Officer-in-Charge,
Support Services,
SCPC and SLPGC



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF ENERGY



SEM-CALACA POWER CORPORATION



SOUTHWEST LUZON
Power Generation Corporation

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DENR awarded SCPC and SLPGC with a certificate of appreciation to its Adopt-a-Forest Program in Mt. Batulao, Brgy. Patugo, Balayan, Batangas. DENR recognized the efforts of SCPC and SLPGC Environmental Section to restore and enhance the forested land of Batangas Province.

DENR-CENRO OF CALACA RECOGNIZES 'ADOPT-A-FOREST' PROGRAM

By Harvey B. Lucy

SCPC and SLPGC were recognized by the DENR-CENRO of Calaca, Batangas for their active participation in the agency's Enhanced National Greening Program (E-NGP).

Since November 2019, the team's "Adopt-a-Forest" program has been able to protect and reforest approximately 3,300 species of narra, mahogany, and molave trees along the 50-hectare portion of the E-NGP site in Barangay Patugo, Balayan.

"We are honored and humbled to be recognized by DENR as a

partner for progress, reaffirming the missions of SMPC to nurture and uphold environmental stewardship and to empower communities by contributing to their sustainability," said Environmental Superintendent Harvey Lucy.

The E-NGP aims to harmonize all forest development activities that will encourage and enhance forest plantations, including forest parks, with greater participation from the private sector, local government units, and organized upland communities.

CPC SUPPORTS REEF ASSESSMENT AT CARENAHAN MARINE SANCTUARY

By Harvey B. Lucy

The main goal of the project is to preserve the hard coral cover of the Carenahan Marine Sanctuary, which is vital to the livelihood of the fishing community at Barangay Carenahan and San Piro in Balayan and serves as breeding ground of fishes around Balayan Bay.

Based on the assessment by marine scientists, the coral cover of Carenahan is 24.27%, higher than the national average of 22% but below the average of 25% in Batangas province.

To maintain the hard coral cover, it is evident that protection of the marine sanctuary should be the focus. In order to do this, the Environmental Section of Calaca Power Complex has partnered with Bantay Dagat, an organization of fisherfolks in Balayan which is an LGU-accredited NGO, and Fisheries Management Office of the Balayan LGU.

The project will have a duration of five years. The initial stage done and completed last July 10, 2020, was to conduct a baseline study on the health of coral reef and the marine sanctuary in general.

The next phase is Capacity Building of Bantay Dagat through the Department of Agriculture, and Bureau of Fisheries and Aquatic Resources. It will focus on developing the capabilities of Bantay Dagat to assess the health of coral reef in Carenahan.



Based on the assessment by marine scientists, the coral cover of Carenahan is 24.27%, higher than the national average of 22% but below the average of 25% in Batangas province.





TO FELLOW FRONTLINERS: HOLD THE LINE

By Advent Genesis M. Araja, MD, FPCP

Currently, days are getting shorter, harder, and bothersome. The Covid-19 pandemic has changed everyone's lives. From the travel bucket list every year that you look forward, to the four different seasons you want to experience springtime activities to diversify summer outing; deciduous trees of autumn to exciting winter olympics—all canceled due to this pandemic.

Since I was a kid, I dreamt of being a doctor because I wanted to heal the sick and the dying. As they all say, seasons change and time flies. After many years of studies, trainings, sleepless nights and hardships, I gained my degree and license as a full-fledged physician and pursued my chosen specialty as an Internist.

Way back 2016, I was already on my own battlefield. I've started to establish my name and dealt with a lot of patients as well as my colleagues in the profession. More than 3 years in practice since then, I've made it and embraced it wholeheartedly. From that moment on, I told myself that I'll be a helping hand to others, discharge improved patients with a big smile on

their faces and on top of that, to give hope to those who are sick and dying.

Last year, a new deadly virus emerged, named SARS-CoV-2 which to date, already infected millions of people globally. This virus creates a big impact not only in the health system worldwide but also in the totality of human being, governing rules and regulations and to the socio-economic instability.

Covid-19 infection affects different lives and even us physicians are not exempted. From asymptomatic individual, to those experiencing mild symptoms, from those who are hopeful and critical ones, to those who passed away to serve humanity, our fallen heroes.

Couple of months have passed. We are all burned-out. We argued and protested against the government policy, criticized the poor healthcare system of our country and the saddest truth, some of my colleagues have escaped from reality. But we need change. We need to face and adapt to the implementing rules and regulations of the "new normal."

We must accept the fact that our life

is a cycle of highs and lows. Highs that inspire, elate and overwhelm you and those lows that sometimes degrade, consume and depress you. But let the lows motivate and strengthen you and your faith and the highs continue to remind you of your calling. And no matter where the journey takes you, look ahead and see the bright tomorrow that always awaits you. And one last thing, family comes first. They are the only constant people always there, no matter how high or low life can get.

Lastly, beyond the negative impact of Covid-19 infection is a positive impact to our environment we are living through.

Let me end this with a quote from Dr. Jordan Cohen: "Be prepared to be accountable for everything you do; be prepared to welcome your patients' participation in decisions about their care; be prepared to devote your professional energies not only to your patients' needs but also to the unmet health needs of our society as a whole; be prepared to husband society's limited resources."

Live well, stay safe, stay protected!



PAGBABAYANIHAN SA PANAHON NG PANDEMYA

Ni Portia M. Vizconde

Sa diwa ng bayanihan, sinikap ng SCPC at SLPGC na mag-abot ng tulong sa mga karatig na barangay at munisipalidad upang malabanan ang pangkalusugan at ekonomikal na epekto ng Covid-19.

Nagpamahagi ang Community Relations Department ng 800 Covid-19 kits na naglalaman ng face mask, face shield, alcohol at body soap sa tig-100 residente ng Barangay Sampaga, Durungao, Carenahan, Pantay, Quizumbing, Camastilisan, Caybunga and Calantas noong Nobyembre 27 at Disyembre 3, 2020.

Nagpamigay din ng “new normal” campaign posters sa mga opisyal ng barangay bilang bahagi ng Covid-19 awareness and prevention campaign.

Higit P80,000 halaga ng bigas,

water tanks at drinking water faucet containers ang naipamahagi rin sa mga barangay ng Dacanlao, San Rafael, Baclaran, Puting Bato at sa Calaca Cares Quarantine Center noong kasagsagan ng lockdown.

Gayundin, nagbigay ng new normal signs at posters pati karagdagang upuan at disinfectants upang ligtas na makapagdaos ng misa sa Pang-Arsidiyosis na Dambana at Parokya ni San Rafael na malugod na tinanggap ni Msgr. Joseph Mendoza.

Nagpamahagi rin ng prescription medicines para sa mga bata sa mga rural health units ng Calaca at Balayan.

Nagbigay naman ng 20 reams ng bond paper sa Timbain Elementary School at Baclaran Elementary School para

suportahan ang printed school materials na kailangan sa modular distance learning.

Upang ipadama ang diwa ng Pasko sa mga bata, nagpaabot ang mga empleyado ng P30,000 halaga ng grocery para sa 150 kabataan mula sa mga host barangay ng CPC, na tinanggap ng kanilang mga magulang bilang pagtalima sa pagbabawal lumabas ng mga bata sa pampublikong lugar.

“Lubos naming pinahalalagan ang mabuting ugnayan sa ating mga komunidad kaya naman handa tayong magpaabot ng tulong para sama-sama nating malagpasan ang pagsubok ng pandemyang ito,” ani Denel Mateo, Officer-in-Charge ng Calaca Power Complex.





SCPC NAKAPAG-REMIT NG DOE ER 1-94 PONDO KONTRA COVID-19 SA CALACA

Ni Portia M. Vizconde



Alinsunod sa Energy Regulation (ER) 1-94 ng Department of Energy (DOE), nakapag-remit ng pondo ang Sem-Calaca Power Corporation (SCPC) sa munisipalidad ng Calaca, Batangas bilang tugon sa pagsugpo ng Covid-19.

Nang magsimula ang pandemya noong Marso 2020, nagpalabas ng circular ang DOE upang tulungan ang mga lokal na pamahalaan na gamitin ang pondo nila mula sa ER 1-94 bilang panlaban sa Covid-19,

Ang ER 1-94 ay isang polisiya sa ilalim ng Electric Power Industry Reform Act (EPIRA) of 2001 na nagtatakda ng isang sentimong bahagi ng *host community* sa bawat kilowatt-hour (P0.01/kWh) ng kabuuang benta ng kuryente ng mga planta na umiiral sa pook nito.

“Matagumpay na naipatupad at

natutukan ng DOE ang mga direktang *remittances* sa mga pamayanan upang agarang magamit ito sa paghahatid ng serbisyong pangkalusugan at maibsan ang socio-ekonomikong epekto ng krisis,” ani Energy Secretary Alfonso G. Cusi.

Ayon kay Maria Cristina C. Gotianun, Pangulo ng SCPC at SLPGC, nananatiling tapat ang Kompanya sa pagsuporta sa mga layunin ng DOE upang makatulong pa lalo sa mga mamamayan.

“Sa panahon ng pandemya, mas higit tayong magtulungan para sama-sama nating malagpasan ang pagsubok na ito at walang mapag-iwanan,” ani Gotianun.

Sa kaniyang ulat ng distribusyon ng ER 1-94 gamit ang pondo mula sa DOE-SCPC, idinetalye ni Alkalde Sofronio “Nas” Ona, Jr. ang mga programa at

proyektong ipinatupad sa munisipalidad bilang tugon sa panganib ng Covid-19.

“Pinakilos natin ang iba’t ibang kagawaran at ahensya na bumuo ng mgaistratehiya at masusing mga hakbang upang mabawasan ang epekto ng bagong sakit sa publiko,” ani Ona.

Ilan sa mga programang inilunsad ay ang pagbili ng mga Covid-19 *test kits* at *disinfection materials*; malawakang *information campaign*; at pagbili ng mga suplay upang matulungan ang mga lubhang naapektuhan ng pandemya.

“Nagdala ng hindi inaasahang pagsubok ang 2020 sa ating munisipalidad. Gayunpaman, nananatili tayong tapat sa ating pagseserbisyo upang makabuo ng matatag na komunidad para sa patuloy nating pag-unlad,” dagdag ni Ona.



OPORTUNIDAD NG PAG-AARAL, TULAY SA TAGUMPAY

Ni Engr. Jonathan C. Bathan
SCPC Plant Electrician

Buong akala ko noon, hanggang sekondarya lang ng antas ng pag-aaral ang aking matatapos katulad ng aking mga kapatid dahil sa hirap ng buhay. Walang kakayahan ang aking mga magulang na kami ay papag-aralin hanggang kolehiyo. Mabuti na lamang at napili akong maging iskolar ng Sem-Calaca Power Corporation (SCPC) o DMCI na mas kilala dito sa atin sa Calaca.

Sobrang laki ng naitulong ng scholarship at ng Kompanyang ito sa pagsisimula ng aking pag-aaral sa kolehiyo hanggang sa ngayon na ako ay isa nang lisensyadong inhinyero. Bilang isang benepisyaryo ng scholarship program ng SCPC, sinagot nito ang napakalaking bahagi ng pangangailangang pinansyal ng aking pag-aaral na karaniwang nagiging problema ng karamihan.

Dahil dito, hindi ko na iisipin at ng aking mga magulang kung saan

huhugutin ang pang-matrikula at iba pang gastusin habang ako ay nag-aaral. At upang masuklian ang pagtitiwalang ito sa akin, sinigurado ko rin na ginagampanan ko ang aking tungkulin na magsumikap at mag-aral nang mabuti.

Nakatapos ako ng pag-aaral noong 2018 ng may karangalan sa University of Batangas at sa kaparehong taon ay nakuha ko ang aking lisensya sa pagiging ganap na Electrical Engineer.

Hindi dito natapos ang sinseridad na ipinakita ng Kompanya sa mga scholar nito. Isang buwan matapos ang pagkuha ng lisensya ay natanggap ako bilang isang Cadet Engineer sa ilalim ng Cadetship Training Program ng SCPC. Hindi matatawaran ang sampung buwan na karanasan sa trabaho/training na ito ang nakuha ko dito.

Bilang isang kompanya, mainam na ang isang kumpanya ay may ganitong programa para sa mga bagong nagsisimula sa industriya. Dito nga ay

mas natutunan ko ang mga bagay-bagay at mas na-*appreciate* ang aking mga pinag-aralan.

Makakatuklas din ng marami pang mga bagong kaalaman na dito mo lang mae-*encounter*. Hindi rin naging mahirap ang bagong kapaligiran dahil sa mga katrabaho na turing ay pamilya sa isa't-isa. Handa ka nilang turuan at gabayan dahil ikaw ay nagsisimula pa lamang.

Matapos ang Cadetship Program ay nakuha naman ako bilang Project Engineer sa loob ng mahigit na isang taon. At sa kasalukuyan ako ay nandito pa din sa planta at nagtatrabaho bilang Plant Electrician sa Electrical Maintenance Department.

Lubos kong ipinagpapasalamat at tinatanaw na malaking utang na loob ang pagkakataon na naging scholar ako ng SCPC. Di maikakaila na naging daan ito na mabago ang takbo ng aking buhay at ng aking pamilya.

BE ONE OF OUR SCHOLARS!

SCPC and SLPGC provide scholarship grants to THIRD, FOURTH, and FIFTH-year students specially those with remarkable performances on their studies, but their current status has difficulty sustaining their monthly miscellaneous expenses.

Recipients of scholarship grants must study at a state university that offers acceptable full-credit bachelor's degree preferably in Engineering or Chemistry (EE, ECE, IE, Mining Engineering, Chemistry)

Criteria for scholarship grants may include, but are not limited to, the following:

- Prior academic performance report card with a general weighted average of 85% (2.00) and above with no grade lower

than 80% (2.50);

- Performance of each applicant on tests designed to measure ability and aptitude for educational work (IQ test, aptitude test, and other psychological assessments);

- Recommendations from the school/teacher of the applicant's capabilities (e.g., good moral character and school's or barangay's endorsement for scholarship);

- Background investigation report which includes biographical information, academic performance, parent/family's financial or employment status, and other relevant experiences; and

- Interview results from the selection committee's conclusions as to the applicant's motivation, character, ability, or potential.

Interested applicants may submit or email their copy of grades for the last 4 semesters (first and second year) to communityrelations@semcalaca.com



'BACKLINERS': COMMITMENT TO SERVE AMID THE PANDEMIC

By Edgardo V. Araya

For more than a year, we are still facing the Covid-19 pandemic. While most of us remain at home and following the minimum health standards, we "backliners" at SCPC and SLPGC are relentless in fulfilling our sworn duties of supplying energy to bring comfort to our homes and to support the country in these trying times.

As essential companies, SCPC and SLPGC are always preparing for the worst. The operations management and our company doctor are at the forefront of constantly informing all employees of the latest status and trends in combating the virus, thereby ensuring their health and safety in our workplace.

As our adoptive measures, we have intensified the use of technology to continue our operations and developmental initiatives. We have conducted meetings through video

conferencing, utilized virtual collaborative tools, and held webinars for skills enhancement and policy orientation, in adherence to safe distancing and limited face-to-face interactions.

SCPC and SLPGC have also provided necessary PPEs and vitamins for all employees, to protect not only ourselves and our families but also the companies we serve. This has enabled us to deliver our commitment to run our units and to continuously supply energy for our shareholders.

Nevertheless, there is beauty and hope. We still have our loved ones and our jobs with us. It seems all the sacrifices we have made are making a difference. We still need to be vigilant and continue caring for each other so we can altogether endure these challenging situation.

In hindsight, many of us have been

able to spend more time with our close family and neighbors. Those with school- and college-aged children have adjusted to them being home all the time. Technology has helped us stay in touch. Zoom group chats, virtual happy hours and other such videoconference family gatherings have become common. Maybe it is just my group of friends, but Facebook and Instagram seem to have more positive, uplifting posts than negative ones.

My, how the world has changed one day at a time! Let us savor all the good things and do our best with caring, compassion and hope. Hopefully, when you read this in just a couple of months, the difficult and negative things we have all faced during the previous months will just elapsed, and we will be back in the world, stronger and changed, but better than before.

We advocate for the minimization of our Company's environmental impact to make sure that our natural resources are conserved and protected. 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.

WATER QUALITY MONITORINGS

Groundwater								
Station	Temperature, °C	pH	Color, ACU	TSS	Phosphate	Nitrate	Chloride	Fecal Coliform
GW1-Dacanlao Water System	27	6.7	<5	1	0.03	0.49	9.2	<1.1
GW2-New DMCI Bunkhouse	28	7.4	<5	1	0.16	1.46	8.7	2.6
GW3-BRP Well	28	7.1	<5	<1	0.08	0.29	10.1	<1.1
GW4-Gate 4 Well	28	7.5	<5	<1	0.12	0.24	12.5	<1.1
DENR Standard	26-30	6.5-8.5	-	50	0.5	7	250	<1.1

"Notes: Groundwater quality monitoring results are within DAO 2016-08 Water Quality Guidelines for Class A, except for Fecal Coliform of GW2. "
 " GW2, an observation well, is for domestic use only. GW 3 and GW 4 are observation wells inside the plant and are for domestic use only. "
 The plant has Water Station which supplies the drinking water of employees.

River Water									
Station	Temperature, °C	pH	Color, ACU	BOD, mg/L	TSS, mg/L	Phosphate, mg/L	Nitrate, mg/L	Chloride, mg/L	Fecal Coliform, MPN/100mL
CR1-Cawong River Upstream	27	6.7	<5	8	6	0.16	2.61	10.8	17x10 ³
CR2-Cawong River Midstream	27	6.9	50	<1	39	0.16	1.92	12.5	54x10 ³
CR3-Cawong River Downstream	27	7.2	50	8	108	0.14	1.77	83.9	24x10 ³
DR1-Dacanlao River Upstream	27	7	<5	4	23	0.11	1.38	6.3	92x10 ³
DR3-Dacanlao River Downstream	27	7.5	15	2	17	0.13	1.68	61.7	36x10 ⁴
DENR Standard	25-31	6.5-9.0	-	7	80	0.5	7	350	200

Notes: Freshwater quality monitoring results comply with DAO 2016-08 Water Quality Guidelines for Class C, except for Fecal Coliform of all stations, BOD of CR1 and CR3 and TSS of CR3. High Coliform, Color, and TSS were due to upstream pollution. It should be noted that the plant does not discharge wastewater into any of the rivers.

PLANT EFFLUENTS MONITORING

Plant Effluents									
Station	Temperature, °C	pH	TSS, mg/L	Oil & Grease, mg/L	Phosphate, mg/L	Boron, mg/L	COD, mg/L	Sulfate, mg/L	
SCPC									
Condenser Outlet 1	30	7.6	<1.0	<1.0	0.02	5.36	280	2835	
Condenser Outlet 2	33	8.2	1	<1.0	0.02	5.61	179	2564	
SCPC Outfall Discharge	34	8.3	<1.0	<1.0	0.01	5.26	343	2592	
SLPGC									
Condenser Outlet 4A	32	8.2	2	<1.0	0.03	4.99	-	-	
Condenser Outlet 4B	32	8.3	2	<1.0	0.01	4.87	-	-	
SLPGC Outfall Discharge	32	8.3	1	<1.0	0.01	4.73	-	-	
Common Outfall Discharge	33	8.4	3	<1.0	0.02	6.04	214	2512	
DENR Standard	3^a	6.0-9.0	100	10	1	20	200	550	

Notes: Plant effluent quality monitoring results are within DAO 2016-08 General Effluent Standards for Class SC. High Chemical Oxygen Demand (COD) and Sulfates are inherent to marine water. Source of Condenser Outlets, Outfall Discharge and Common Outfall Discharge are all marine (sea) water.

AMBIENT AIR QUALITY MONITORINGS

Ambient Noise Quality Monitoring Results				
Station	Morning	Daytime	Evening	Nighttime
In Front of South Bay Terminal	55	62	56	44
Outside Gate 1	58	66	57	50
Intersection going to SLPGC	54	56	55	50
Dacanlao Highway	62	67	67	53
In front of Mr. M. Secreto's House	61	68	67	51
In front of Mr. A. Valencia's House	61	68	66	51
Water Intake, before Dacanlao Bridge	57	57	54	44
In front of SLPGC Water Intake	58	58	56	46
NPCC Standard, Class D	70 dBA	75 dBA	70 dBA	65 dBA

PARAMETERS	Upwind Station (Brgy. Timbain, Calaca, Batangas)					DENR Limit ug/Ncm
	MORNING 0700H - 0800H	DAYTIME 1315H - 1415H	EVENING 1810H - 1910H	NIGHTTIME 2225H - 2325H		
Sulfur Dioxide (SO ₂)	<7	<7	<7	<7		340
Nitrogen Dioxide (NO ₂)	<1	11	5	<1		260
Total Suspended Particulates (TSP)	10	10	12	8		300
Particulate Matter 10 (PM ₁₀)	<5	5	<5	<5		200

PARAMETERS	Downwind Station (Brgy. Carenahan, Balayan, Batangas)					DENR Limit ug/Ncm
	MORNING	DAYTIME	EVENING	NIGHTTIME		
Sulfur Dioxide (SO ₂)	<7	<7	<7	<7		340
Nitrogen Dioxide (NO ₂)	<1	<1	<1	<1		260
Total Suspended Particulates (TSP)	13	11	18	11		300
Particulate Matter 10 (PM ₁₀)	7	13	12	8		200

REMARKS:
 1. SCPC and SLPGC are compliant to standard limits set by DENR for Ambient Air Quality.
 NOTE: Sampling and analysis was conducted by OSTREA Lab. (DENR accredited 3rd Party Laboratory) and witnessed by MMT representative.

