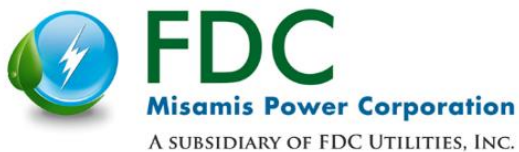


PROPOSED 6 X 135MW CIRCULATING FLUIDIZED BED COAL-FIRED POWER PLANT EXPANSION PROJECT



PUBLIC HEARING DOCUMENTATION REPORT

16 July, 2021





SUMMARY OF THE PUBLIC HEARING

Proposed 6 x 135MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project

Project Title	:	Proposed 6 x 135 Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project
Project Location	:	PHIVIDEK Industrial Estate, Barangays Balacanas and Tambobong, Municipality of Villanueva, Province of Misamis Oriental
Project Proponent	:	FDCMPC Power Corporation
Venue	:	Webinar via Zoom
Date	:	July 16, 2021
Time Started	:	9:20 AM
Time Ended	:	1:45 PM
Public Hearing Officer	:	Atty. Abbas Lao- DENR - EMB Region 10

1 INTRODUCTION

The FDC Misamis Power Corporation (FDCMPC) currently owns and operates a 3 X 135 MW circulating fluidized bed (CFB) coal-fired power plant in Villanueva, Misamis Oriental. Since its commercial operation in 2016, Mindanao has shown strong economic growth, faster than the national average, and with this comes increased energy requirements necessary to sustain this growth. FDCMPC is proposing to expand its current facility with another 3 X 135 MW power generating units to contribute to the region's continued development. Total plant capacity will reach 6 X 135 MW with the planned expansion. Moreover, this expansion project shall benefit the national and local government by generating revenues, boosting local employment, increasing livelihood opportunities and its multiplier effects, and improving carbon sink through reforestation programs. FDCMPC also foresees an increase in the Social Development Program (SDP) allocation with the growth in revenues arising from the expansion of operations.

The expansion project will still be located inside the FDCMPC compound in Barangays Tambobong and Balacanas inside the PHIVIDEK Industrial Estate in Villanueva and Tagoloan, Misamis Oriental.

In compliance with the DENR Administrative Order 2017-15: Guidelines on Public Participation under the Philippine Environmental Impact Statement System (PEISS), the conduct of Public Hearing is required for all Environmentally Critical Projects (ECPs) and is a formal process initiated and conducted by DENR-EMB to promote dialogues and communication between and among the project proponent, DENR-EMB, relevant government agencies, LGUs, and stakeholders.

Furthermore, in compliance with the DENR-EMB Memorandum Circular No. 2020-30: Interim Guidelines on Public Participation in the Implementation of the PEISS (PD 1586) during the State of National Public Health Emergency, public consultations may be conducted using one or combination of two options:

- 1) The Proponent is allowed to conduct public hearing with project's major stakeholders through video conferencing for not less than two hours, with sufficient time for open forum



and discussion of EIA results with mitigating measures as provided in its Environmental Impact Statement Study (EIS) or Environmental Performance Report and Management Plan (EPRMP);

- 2) The Proponent shall undertake public hearing by sector in small groups following the minimum health standards recommended by the IATF. All documentation materials, including video conferencing recordings shall be submitted to DENR-EMB. For this project, the Proponent opted to conduct the video conferencing options in consideration of the current COVID-19 situation on the province and to comply with the health protocol of IATF.

This Public Hearing Documentation Report summarizes the notification methods, presentation of the Environmental Impact Assessment (EIA) results, and the comments, issues, and concerns received at the Public Hearing, both in the actual venue and Zoom.

2 NOTIFICATION OF THE PUBLIC HEARING

2.1 INVITATION LETTERS

The Proponent sent invitations to the Project stakeholders at least a week before the Public Hearing schedule. The notices and invitations contain the Zoom Meeting ID and Passcodes for those who want to join online.

Annex 1 contains the receiving copies of the invitation letters and the posting of notices in public areas. **Table 1** lists the invited stakeholders for the public hearing.

Table 1. List of Invited Stakeholders

Stakeholder Group	Name of Representative	Designation	Address
Sangguniang Barangay			
Barangay Santa Cruz	Jan Bagani Casiño	Punong Barangay	Tagoloan, Misamis Oriental
Barangay Baluarte	Ramon Pagara	Punong Barangay	Tagoloan, Misamis Oriental
Barangay Mohon	Jerson Sabio	Punong Barangay	Tagoloan, Misamis Oriental
Barangay Poblacion	Prince Omar Emano	Punong Barangay	<i>Tagoloan, Misamis Oriental</i>
Barangay Sta. Ana	Elmo Ragandang	Punong Barangay	<i>Tagoloan, Misamis Oriental</i>
Barangay Sugbongcogon	Edgar Pricion	Punong Barangay	<i>Tagoloan, Misamis Oriental</i>
Barangay Gracia	Maribel Casiño	Punong Barangay	<i>Tagoloan, Misamis Oriental</i>
Barangay Casinglot	Marjun Bolanio	Punong Barangay	<i>Tagoloan, Misamis Oriental</i>
Barangay Rosario	Mcinly Norquillas	Punong Barangay	<i>Tagoloan, Misamis Oriental</i>
Barangay Poblacion 2	Reynaldo Demata	Punong Barangay	<i>Tagoloan, Misamis Oriental</i>
Barangay Poblacion3	Lea Dagasuhan	Punong Barangay	<i>Tagoloan, Misamis Oriental</i>



Stakeholder Group	Name of Representative	Designation	Address
Barangay Balacanas	Nila Pagaling	Punong Barangay	Villanueva, Misamis Oriental
Barangay Tambobong	Regene Ello	Punong Barangay	Villanueva, Misamis Oriental
Barangay San Martin	Agustin Sabio	Punong Barangay	Villanueva, Misamis Oriental
Barangay Poblacion	Jose Abejo	Punong Barangay	Villanueva, Misamis Oriental
Barangay Dayawan	Robert Cabrera	Punong Barangay	<i>Villanueva, Misamis Oriental</i>
Barangay Katipunan	Julio Cabato Jr.	Punong Barangay	<i>Villanueva, Misamis Oriental</i>
Barangay Imelda	Hermil Valledor	Punong Barangay	<i>Villanueva, Misamis Oriental</i>
Barangay Looc	Anito Pedrotos	Punong Barangay	<i>Villanueva, Misamis Oriental</i>
Barangay Kimaya	Celso Yagma	Punong Barangay	<i>Villanueva, Misamis Oriental</i>
Government Agencies			
Bureau of Fisheries and Aquatic Resources (Region 10)	Teodoro Bacolod Jr.	OIC-Regional Director	Macabalan, Cagayan de Oro City, Misamis Oriental 9000
Civil Aviation Authority of the Philippines	Job de Jesus	Airport Manager III	Laguindingan, Misamis Oriental
DENR Region 10	Ferdinand Dagulo	DENR - PENRO	Malasag, Cagayan De Oro, Misamis Oriental
DENR Region 10	Arleigh Adorable CESO III	Regional Executive Director	Macabalan, Cagayan de Oro City Misamis Oriental 9000
DENR Region 10	Aldrich Resma	OIC-PENRO	Macabalan, Cagayan de Oro City Misamis Oriental 9003
DENR-EMB R10	Monique Alfeche		Cagayan de Oro
DENR-EMB R10	Reynaldo Digamo	OIC-Regional Director	Macabalan, Cagayan de Oro City Misamis Oriental 9002
DENR-EMB R10	Abas Lao		Cagayan de Oro, Misamis Oriental
Department of Education (Region 10)	Arturo Bayocot	Regional Director	Masterson Avenue, Zone 1, Upper Bulalang Cagayan de Oro City
Department of Education (Region 10)	Randolph Tortola	Schools Division Superintendent	J.V. Serifa St., Carmen, Cagayan de Oro City
Department of Education (Region 10)	Prisco Valmoria		Province of Misamis Oriental



Stakeholder Group	Name of Representative	Designation	Address
Department of Energy - Mindanao Field Office	Nilo Geroche	Regional Director	5th Floor Metrobank Plaza, Ramon Magsaysay Ave. Davao City
Department of Health (Region 10)	Nimfa Torrizo MD, MPH	Regional Director	J.V. Serina St., Carmen, Cagayan de Oro City
Department of Labor and Employment (Region 10)	Joeffrey Suyao	Regional Director	Trinidad Building, Corrales Street, Cagayan de Oro City, Misamis Oriental
Mines and Geosciences Bureau - Region 10	Rex Monsanto	Regional Director	Macabalan, Cagayan de Oro City Misamis Oriental 9001
National Water Resources Board	Sevillo David Jr., CESO III	Executive Director	8th Floor, NIA Building, EDSA, Diliman, Quezon City
Municipal and Provincial Agencies			
CENRO - Initao	Conrado Mahinay Jr.	CENR Officer	Jampason, Initao, Misamis Oriental
Municipality of Tagoloan	Enan Sabio	Municipal Mayor	Tagoloan Municipal Hall, Claro M Recto Avenue, Tagoloan, Misamis Oriental
Municipality of Tagoloan	Robinson Sabio	Vice Mayor	Tagoloan Municipal Hall, Claro M Recto Avenue, Tagoloan, Misamis Oriental
Municipality of Tagoloan	Roger Achas	Councilor	Tagoloan Municipal Hall, Claro M Recto Avenue, Tagoloan, Misamis Oriental
Municipality of Tagoloan	Cat Valdehuesa Alfante	Councilor	Tagoloan Municipal Hall, Claro M Recto Avenue, Tagoloan, Misamis Oriental
Municipality of Tagoloan	Arturo Casiño	Councilor	Tagoloan Municipal Hall, Claro M Recto Avenue, Tagoloan, Misamis Oriental
Municipality of Tagoloan	Armando Pomar	Councilor	Tagoloan Municipal Hall, Claro M Recto Avenue, Tagoloan, Misamis Oriental
Municipality of Tagoloan	Randy Emano	Councilor	Tagoloan Municipal Hall, Claro M Recto Avenue, Tagoloan, Misamis Oriental
Municipality of Tagoloan	Ignacio Factura	Councilor	Tagoloan Municipal Hall, Claro M Recto Avenue, Tagoloan, Misamis Oriental
Municipality of Tagoloan	Felipe Valdehuesa	Councilor	Tagoloan Municipal Hall, Claro M Recto Avenue, Tagoloan, Misamis Oriental
Municipality of Tagoloan	Audie Paduganan	Councilor	Tagoloan Municipal Hall, Claro M Recto Avenue, Tagoloan, Misamis Oriental
Municipality of Tagoloan	Jefrey Elogsong	MENRO Officer	LGU Tagoloan, Tagoloan, Misamis Oriental
Municipality of Villanueva	Venerando Ponce	Municipal Agriculturist	Municipality of Villanueva, Misamis Oriental
Municipality of Villanueva	Joseph Vacalares	Municipal Planning & Development Officer	Villanueva Municipal Hall, Misamis Oriental
Municipality of Villanueva	Jennie Rosalie Uy	Municipal Mayor	Villanueva Municipal Hall, Villanueva, Misamis Oriental



Stakeholder Group	Name of Representative	Designation	Address
Municipality of Villanueva	Edwin Dagasuhan	Vice Mayor	Villanueva Municipal Hall, Villanueva, Misamis Oriental
Municipality of Villanueva	Jeric Emano	Councilor	Villanueva Municipal Hall, Villanueva, Misamis Oriental
Municipality of Villanueva	Celso Casiño	Councilor	Villanueva Municipal Hall, Villanueva, Misamis Oriental
Municipality of Villanueva	Diosdado Balhon	Councilor	Villanueva Municipal Hall, Villanueva, Misamis Oriental
Municipality of Villanueva	Sheriza Anne Bantug	Councilor	Villanueva Municipal Hall, Villanueva, Misamis Oriental
Municipality of Villanueva	Nilo Belgado	Councilor	Villanueva Municipal Hall, Villanueva, Misamis Oriental
Municipality of Villanueva	Edgardo Permi	Councilor	Villanueva Municipal Hall, Villanueva, Misamis Oriental
Municipality of Villanueva	Jovenil Jabiniao	Councilor	Villanueva Municipal Hall, Villanueva, Misamis Oriental
Municipality of Villanueva	Liuxene Orditor	Municipal Social Welfare and Development Office	Villanueva Municipal Hall, Villanueva, Misamis Oriental
Municipality of Villanueva	Marybelle Linog	Municipal Health Office	Villanueva Municipal Hall, Villanueva, Misamis Oriental
Municipality of Villanueva	Junrey ALIBANGBANG	Municipal Engineer	Villanueva Municipal Hall, Villanueva, Misamis Oriental
Municipality of Villanueva	Jimmy AGCAOILI	Water Works Superintendent	Villanueva Municipal Hall, Villanueva, Misamis Oriental
Municipality of Villanueva	Jose Oliver Ello	MENRO Officer	LGU Villanueva, Villanueva, Misamis Oriental
Province of Misamis Oriental	Yevgeny Vincente Emano	Provincial Governor	Misamis Oriental Provincial Capitol, Don Apolinar Velez Street, Cagayan de Oro City
Private / NGO Sectors			
Philippine Information Agency	Franklin Gumapan	Regional Director	5th Floor, H Bldg. Pueblo de Oro, Masterson Ave. 9000 Cagayan de Oro City
National Commission on Indigenous People (Region 10)	Pink Grace Pabelic	Regional Director	3rd and 4th flr. Halasan Bldg. Corner Tiano & del Pilar Sts. Cagayan de Oro City
PHIVIDE Industrial Authority	Franklin Quijano	Administrator	MCT Complex, Tagoloan, Misamis Oriental
Steag State Power Inc.	Carsten Evers	Power Plant Manager	PHIVIDE Industrial Estate, Villanueva, Misamis Oriental
Philippine Sinter Corporation	Nilo Sagrado	Vice President/ Resident Manager	Katipunan, San Martin, PHIVIDE, Villanueva, Misamis Oriental
Coca-Cola Beverages Philippines	Noel Nacom	Plant Operations Executive	PHIVIDE Industrial Estate, Villanueva, Misamis Oriental



Stakeholder Group	Name of Representative	Designation	Address
Isla Pilipinas LPG	Clark Publico	Operations Executive	PHIVIDEDEC Industrial Estate, Villanueva, Misamis Oriental
Mindanao Oriental Builders, Inc.	Jose Adriano	President	National Road, Katipunan, Villanueva, Misamis Oriental
Bagong Buhay Arrastre Service Inc. (BBASI)	Irene Cabunoc	Administrative Manager	PHIVIDEDEC Industrial Estate, Villanueva, Misamis Oriental
Cargill Animal Nutrition Philippines	Robert Eric Maat	Plant Manager	Katipunan, PHIVIDEDEC, Villanueva, Misamis Oriental
Kalipi President	Cecelia Nain	Representative	Municipality of Villanueva, Misamis Oriental
Fishermans Organization	Robinson Minoza	President	Pob. 3 Villanueva, Misamis Oriental
Kimaya Agrarain Reform Beneficiaries and Farmers Cooperative	Jorgino Caronia Sr.	Representative	Kimaya, Villanueva, Misamis Oriental
Philippine Information Agency	Dax Jara		Tagoloan, Misamis Oriental
Balay Mindanaw	Richard Rejas		Cagayan de Oro
Religious and Education Sectors			
Our Lady of Guadalupe Parish	Cesar Ramantin, SSJV	Parish Priest	Villanueva, Misamis Oriental
Sta. Maria de la Candelaria Parish	Ramer Colanse, SSJV	Parish Priest	Tagoloan, Misamis Oriental
Archdiocese of Cagayan De Oro	Antonio Ledesma SJ, D.D.	Archbishop & Apostolic Administrator	St. Augustine Metropolitan Cathedral, Cagayan de Oro City, Misamis Oriental
VN Chavez Memorial Central School	Aileen Dabon	Principal	Villanueva, Misamis Oriental
Balacanas Elementary School	Maria Theresa Delegencia	Principal	Balacanas, Villanueva, Misamis Oriental
TamBal National High School	Ernesto Selo	Principal	Tambobong - Balacanas, Villanueva, Misamis Oriental
Kirahon Elementary School	Rodel De La Torre	Teacher in charge	Kirahon, Villanueva, Misamis Oriental
San Martin Elementary School	Grace Magallanes	Principal	San Martin, Villanueva, Misamis Oriental
Villanueva National High School	Marife Balaba	Principal	Looc, Villanueva, Misamis Oriental
Xavier University - Ateneo de Cagayan	Roberto Yap SJ	President	73 Corrales Ave, Cagayan de Oro City, Villanueva, Misamis Oriental
Mindanao State University – Naawan Campus	Elnor Roa	President	Pedro Pagalan St. Poblacion, Naawan, Misamis Oriental



Stakeholder Group	Name of Representative	Designation	Address
Xavier University - Ateneo de Cagayan	Gertrude Garcia		Cagayan de Oro, Misamis Oriental

2.2 NEWSPAPER ADVERTISEMENTS

The Notice of the Public Hearing was posted twice on Daily Tribune on 2 July and 9 July, 2021 (**Annex 2 – Clippings and Affidavit of Publication from Daily Tribune**).

2.3 FLYERS AND POSTINGS

Notices were posted at public areas such as barangay and municipal offices at least two weeks before the scheduled event. The postings were documented in the following images:

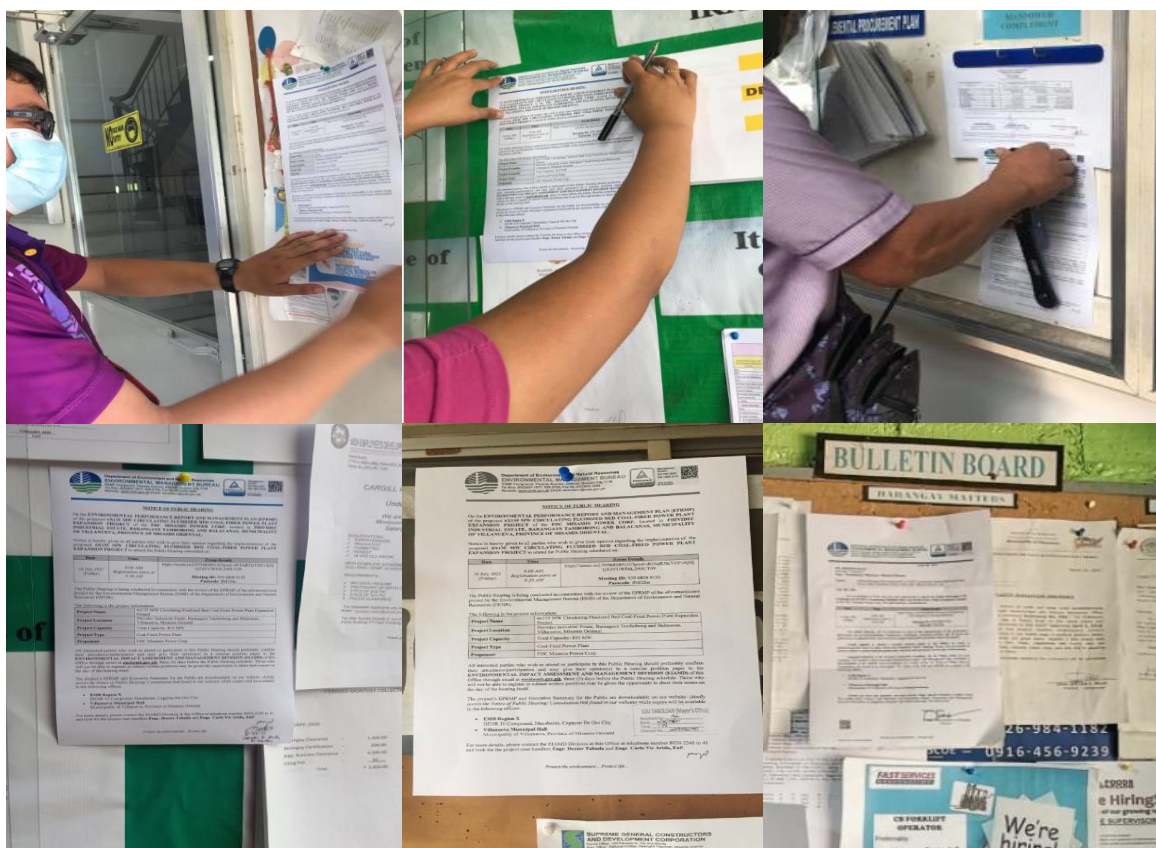


Figure 2-1. Posting of Notices in Barangay and Municipal offices

2.4 OTHER NOTIFICATION MEDIA

The Notice of Public Hearing was posted at the DENR-EMB website (www.emb.gov.ph) with the Project's Environmental Performance Report and Management Plan (EPRMP) as an attachment publicly available for download. The link to the schedule and other documents was posted on 21 June 2021 at the following address: http://eia.emb.gov.ph/?page_id=4523.



Posted on Monday, 21 June 2021

Proposed Project: 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project

Proponent Name: FDC Misamis Power Corp.

Project Location: Phividec Industrial Estate, Barangays Tambobong and Balacanas, Villanueva, Misamis Oriental

Date	Time	Zoom Details
16 July 2021 (Friday)	9:00 AM Registration starts at 8:30 AM	New zoom link: https://zoom.us/j/96085772252?pwd=SmR6TVh6KzR2Q0xPU0hJRFdHM0JPdz09 Meeting ID: 960 8577 2252 Passcode: 8M32hc

NOTICE OF CHANGE IN ZOOM MEETING LINK

»» Notice of Public Hearing, EIS Report, ESP in English Version, ESP in Filipino

Figure 2-2. Screenshot of Public Hearing Announcement at the EMB website

3 PUBLIC HEARING

3.1 LOCATION AND ATTENDANCE

The Public Hearing was held on 16 July, 2021 with a live and interactive broadcast via Zoom. The hearing was attended by a total of 106 participants from Zoom (**Annex 3** – Screenshots of Zoom Attendees). The summary of attendees by sector is presented in the table below:

Table 2. Number of Representatives per Stakeholder Group in Zoom

Stakeholder Group/Sector	Number of Representatives Attended
DENR-EMB Central Office	2
DENR Region 10	1
Government Agencies	4
Barangay LGU - Tagoloan	
Barangay LGU – Villanueva	2
Sanguniang Kabataan – SK	1
Local Government of Tagoloan	3
Local Government of Villanueva	4
Provincial Government of Misamis Oriental	
Private Business Sectors	3
Non-Government Organizations	6
Religious / Education Sectors	5
Review Committee	2
Proponent	16
Preparer	5
Others (No identified affiliations)	52
TOTAL	106

3.2 MEETING FORMAT AND CONTENT

The following table shows the program of activities during the Public Hearing. The PowerPoint presentations used are attached in **Annex 4**.



Table 3 Program for Public Hearing

Project Title:	Proposed 6 x 135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project	
Project Location:	PHIVIDE Industrial Estate, Barangays Balacanas and Tambobong, Villanueva, Misamis Oriental	
Project Proponent:	FDCMPC Power Corporation	
Date and Time of Hearing:	16 July, 2021 9:00AM Friday	
Zoom Meeting ID:	959 6808 9150 / Passcode: 8M32hc	
Zoom Link:	https://zoom.us/j/95968089150?pwd=dGNar3lnVDFvSjNjQTdVUWF6L29SUT09	
Time Allotted	Program of Activities	Person Responsible
8:00-9:00 AM	Registration	Technotrix Integrated Services Corp.
9:00 – 9:30 AM	Opening Prayer	Technotrix Integrated Services Corp.
	National Anthem	Technotrix Integrated Services Corp.
	Welcome Remarks	<u>Hon. REGENE ELLO</u> Chairman, Brgy Tambobong
	Introduction of Participants	Engr. DEXTER TABADA / Ms. ANALIZA MISO
9:30 – 9:45 AM	Briefing and Orientation on the purpose of the public hearing and the Philippine EIS System ¹	<u>Engr. DEXTER TABADA</u> Case-Handler DENR-EMB Central Office
	Presentation of House Rules on the Conduct of the Public Hearing	<u>Atty. ABAS LAO</u> Hearing Officer DENR-EMB Region 10
9:45 – 10:00 AM	Presentation of Company Overview and Proposed Project	<u>Ms. ANALIZA MISO</u> Community Relations Officer FDCMPC <u>Engr. ROY PEROLINO</u> Manager, Operations FDCMPC
10:00 – 10:30 AM	Presentation of EIA Study Results	<u>Dr. EDGARDO G. ALABASTRO</u> Team Leader – Preparer Technotrix Integrated Services Corp.
10:30 – 11:15 AM	Open Forum	<u>Atty. ABAS LAO</u> Hearing Officer DENR-EMB Region 10
11:15 – 11:45 AM	Recapitulation of issues raised and the Proponent's response	
11:45 – 12:00 NN	Closing Remarks, and Next Steps in the EIA Process	<u>Engr. DEXTER TABADA</u> Case-Handler DENR-EMB Central Office

The program officially started at 9:20 AM with the acknowledgment of participants led by Engr. Dexter Tabada of DENR-EMB Central Office and Ms. Analiza Miso of FDCMPC. Opening prayer and singing



of the national anthem followed. Barangay Chairman of Barangay Tambobong Hon. Regene Ello gave the welcome remarks.

Engr. Dexter Tabada briefed and gave an orientation to the participants about the Philippine Environmental Impact Statement System and the purpose of the Public Hearing. Atty. Abbas Lao then made a presentation on the house rules for the conduct of the public hearing activity.

Before the Project presentation, as indicated in the program, Atty. Reeza Singson of the Philippine Movement for Climate Justice (PMCJ) raised the matter of validity of the public hearing itself. She cited the following reasons for raising the issue, i.e., claim that the stakeholders were not properly informed of the content of the EPRMP Report, they were not provided with hard copies of the report, and that the notices for the public hearing were claimed to be insufficient. Discussions followed whereby proofs of notice in the newspaper were presented and that the stakeholders were provided the link by which they could access the EPRMP Report. Finally, the Hearing Officer ruled that these issues were under the jurisdiction of the EMB Central Office and that he would transmit these to the EMB Central Office for proper disposition. The program proceeded as scheduled after the ruling.

FDCMPC discussed the description of the proposed project. Ms. Analiza Miso presented the company overview of the FDCMPC and its existing Corporate Social Responsibility (CSR) Programs. Engr. Roy Perolino then made a presentation on the proposed 6 x 135 Circulating Fluidized Bed Coal-Fired Power Plant Project description.

The results of the Environmental Impact Assessment were presented by Dr. Edgardo G. Alabastro, Team Leader of the EIA Preparer from Technotrix Integrated Services Corp.

After the presentations, Atty. Abbas Lao facilitated the open forum and summarized the issues and concerns gathered during the public hearing. Engr. Dexter Tabada closed the activity with the presentation of the ways forward of the EIA Process. The public hearing officially adjourned at 1:45 PM.

The figures below exhibit the chronological order of activities in the public hearing event.

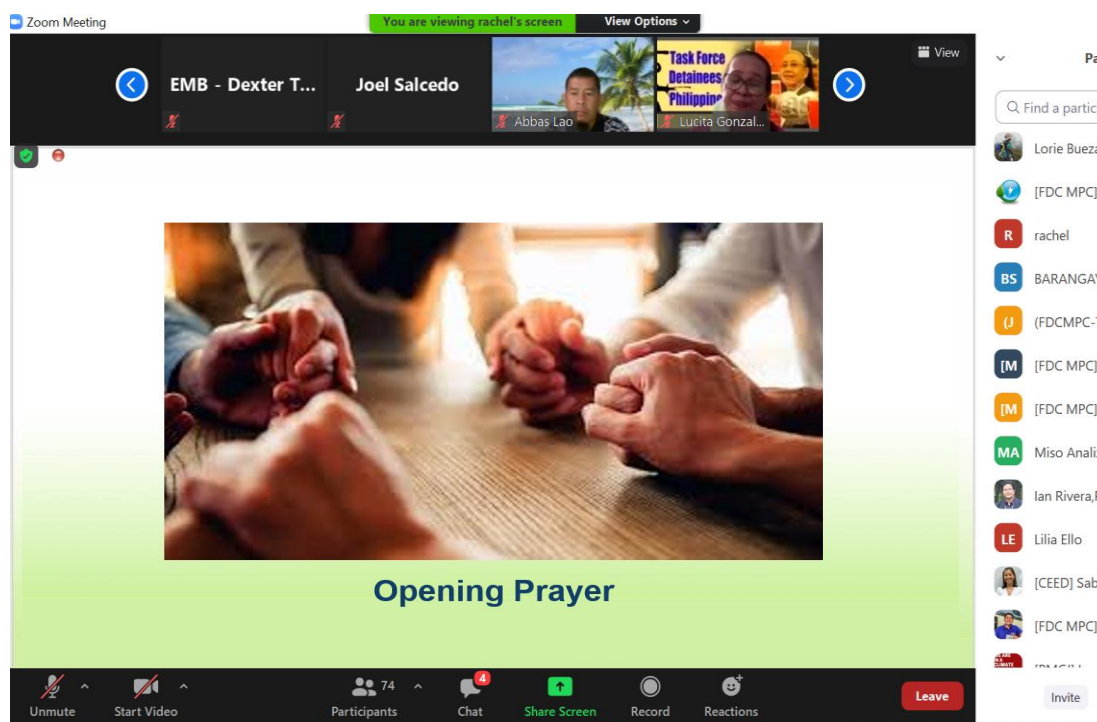


Figure 1. Opening Prayer

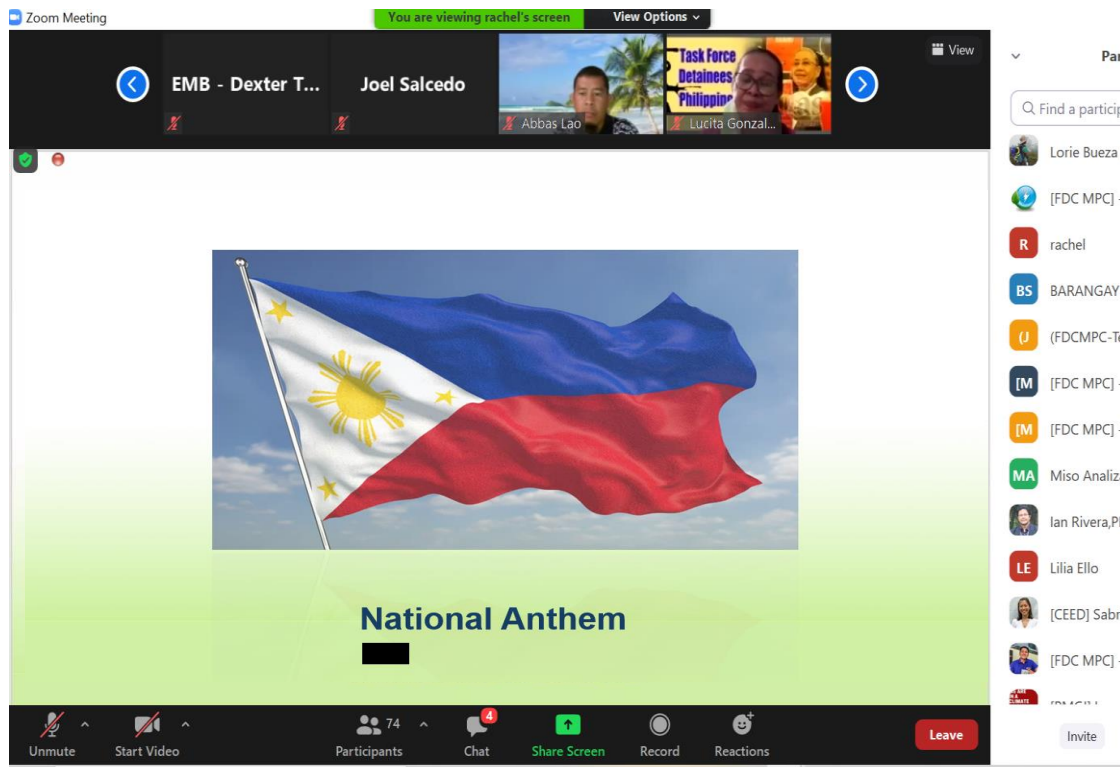


Figure 2. Singing of the National Anthem

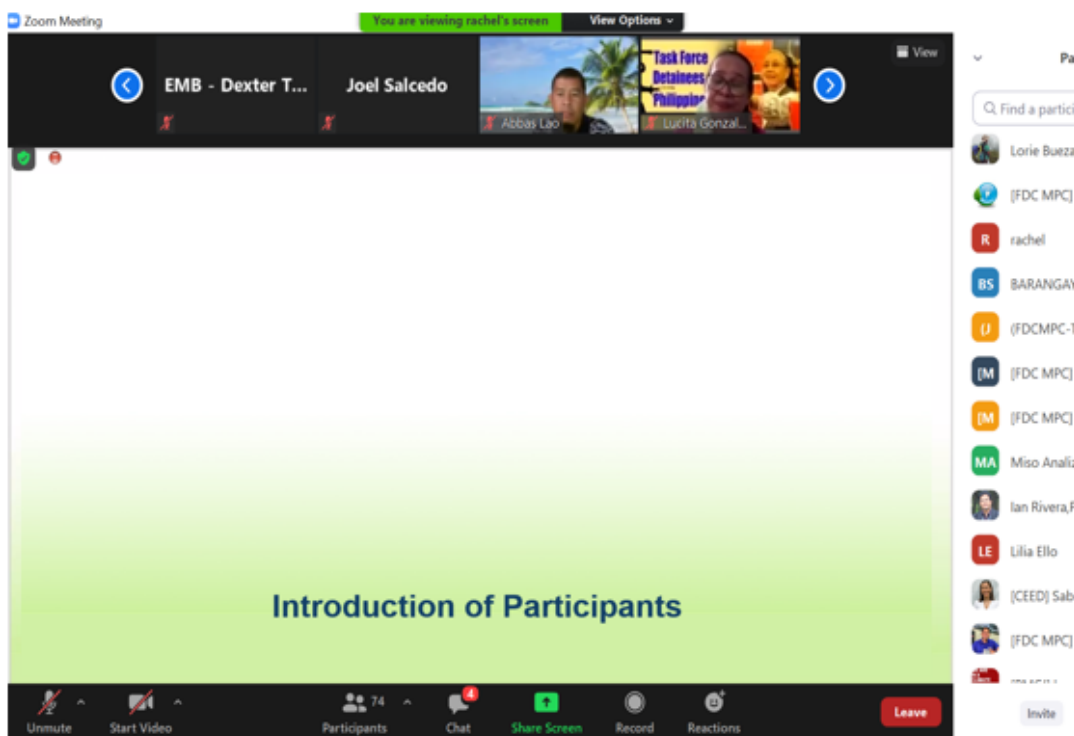


Figure 3. Acknowledgement of Participants in Zoom

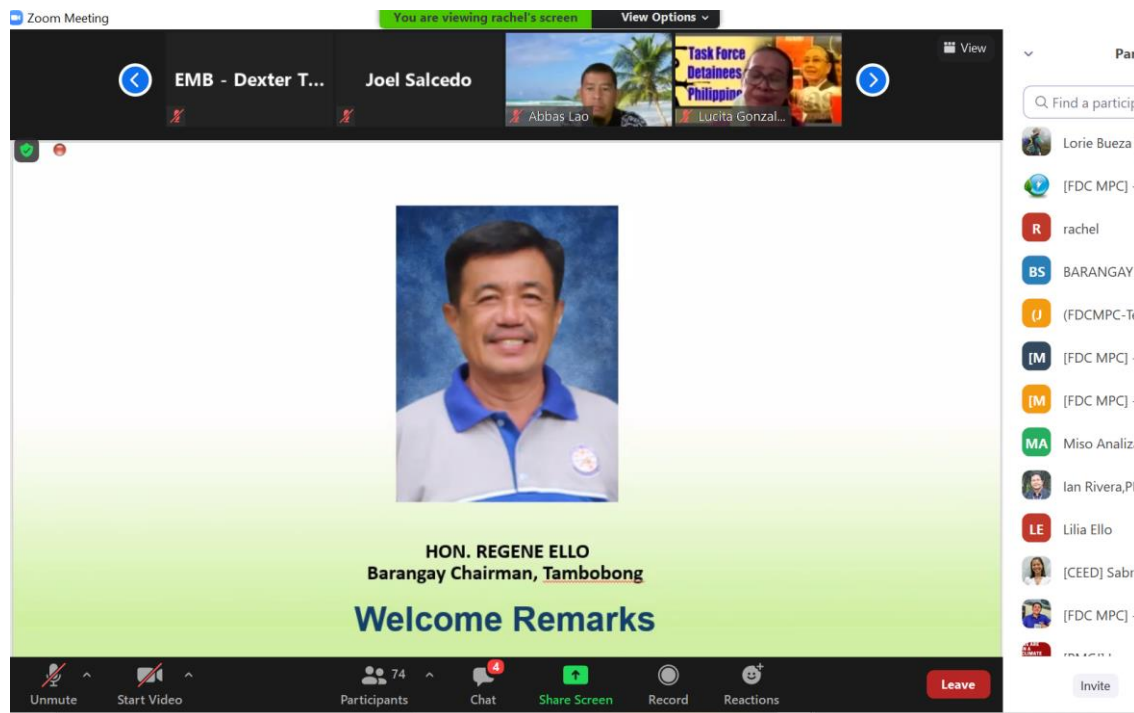


Figure 4. Welcome Remarks from Barangay Chairman of Tambobong – Hon Regene Ello

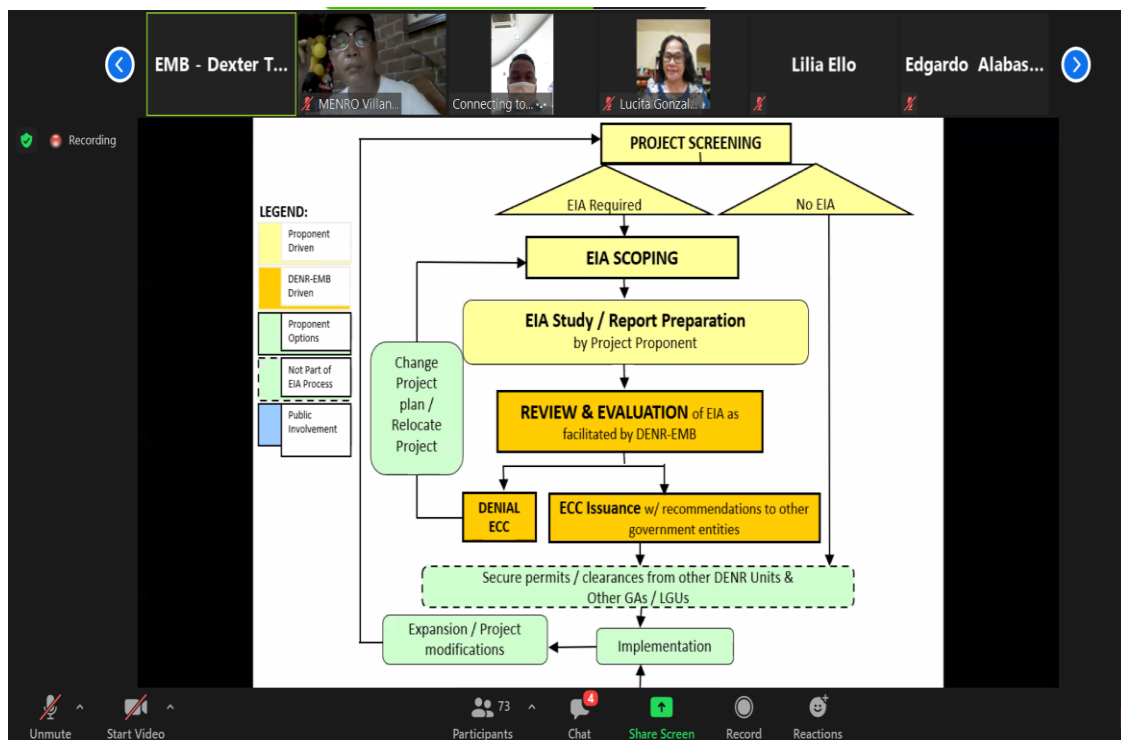


Figure 5. Presentation of the Philippine Environmental Impact Statement System

Proposed 6 x 135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project
 FDCMPC Misamis Power Corporation
 PHIVIDEC Industrial Estate, Barangays Balacanas and Tambobong, Villanueva, Misamis Oriental

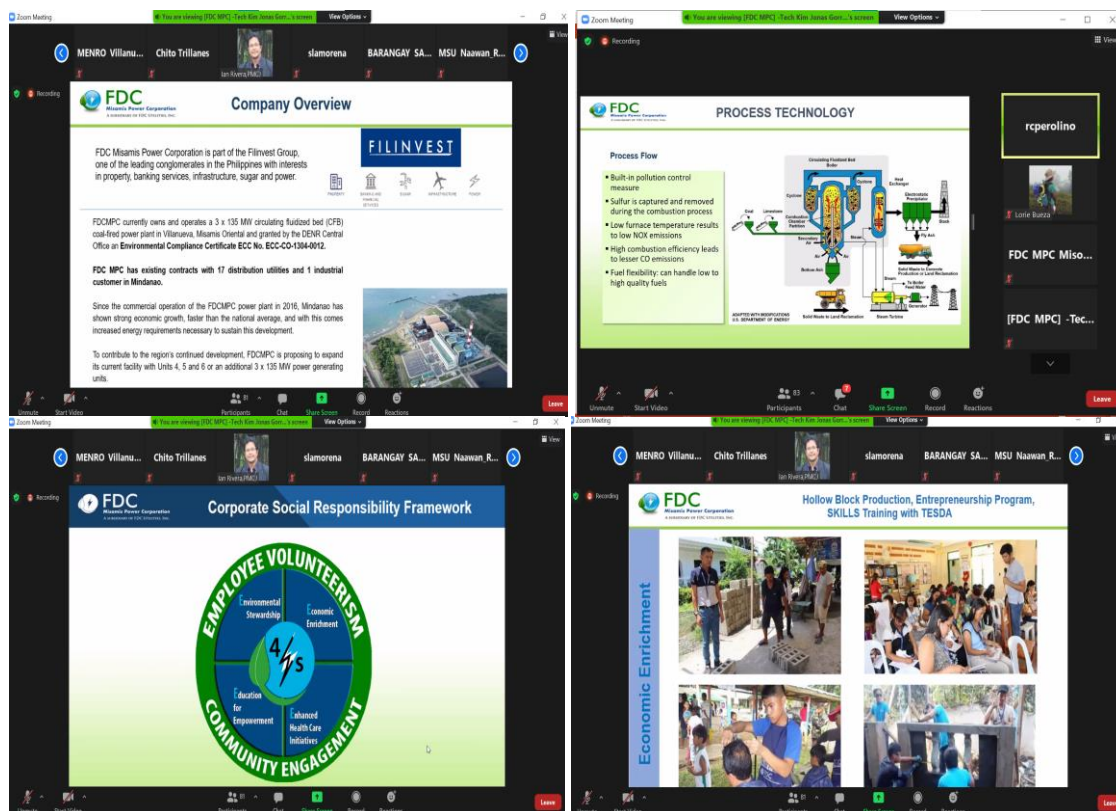


Figure 6. Presentation of FDCMPC's proposed 6 x 135 MW Circulating Fluidized Bed Coal-Fired Power Plant Project.

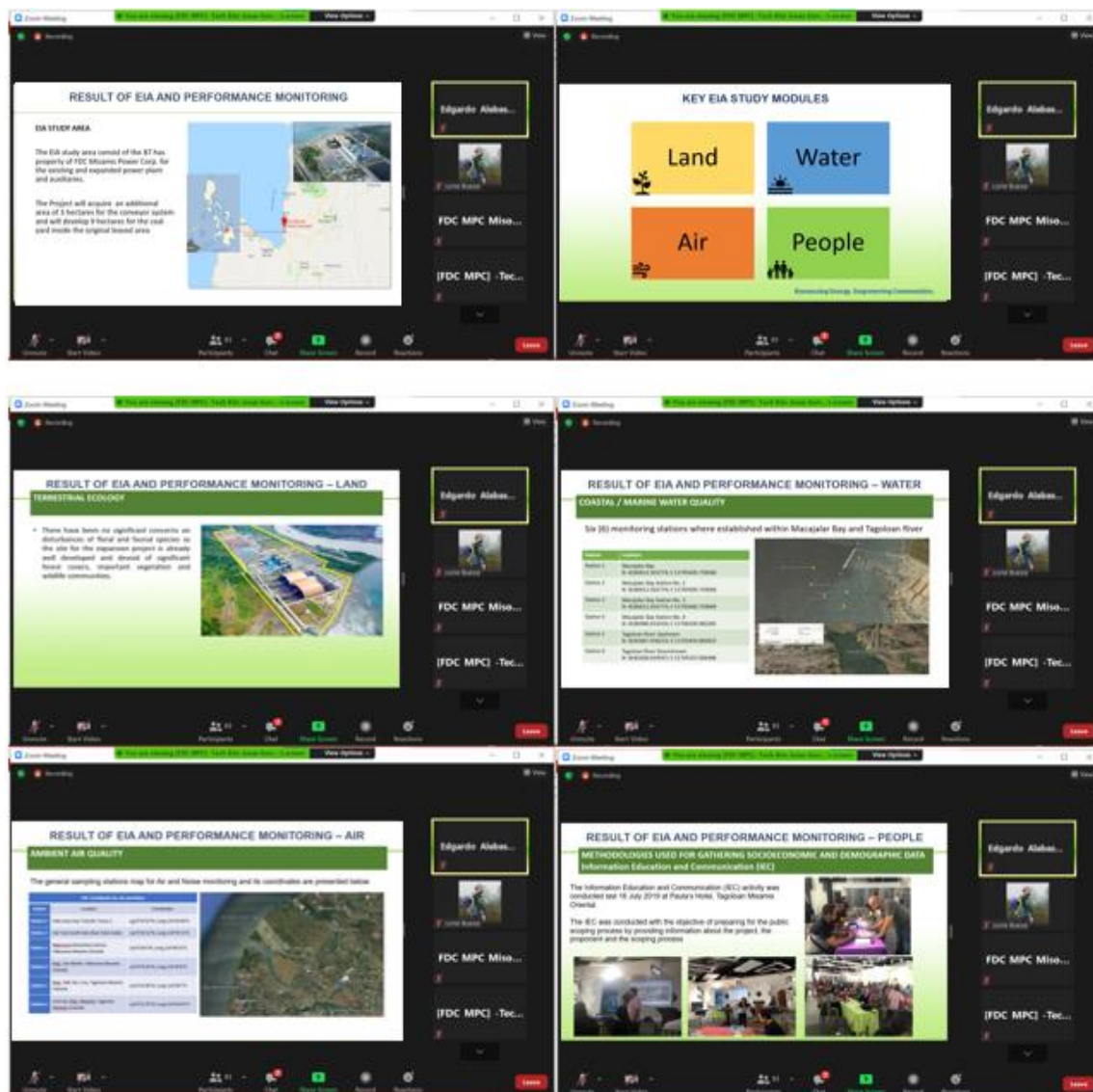


Figure 7. Presentation of EIA Results / Environmental Performance and Management Plan of the Proposed 6 x 135 MW Circulating Fluidized Bed Coal-Fired Power Plant Project.

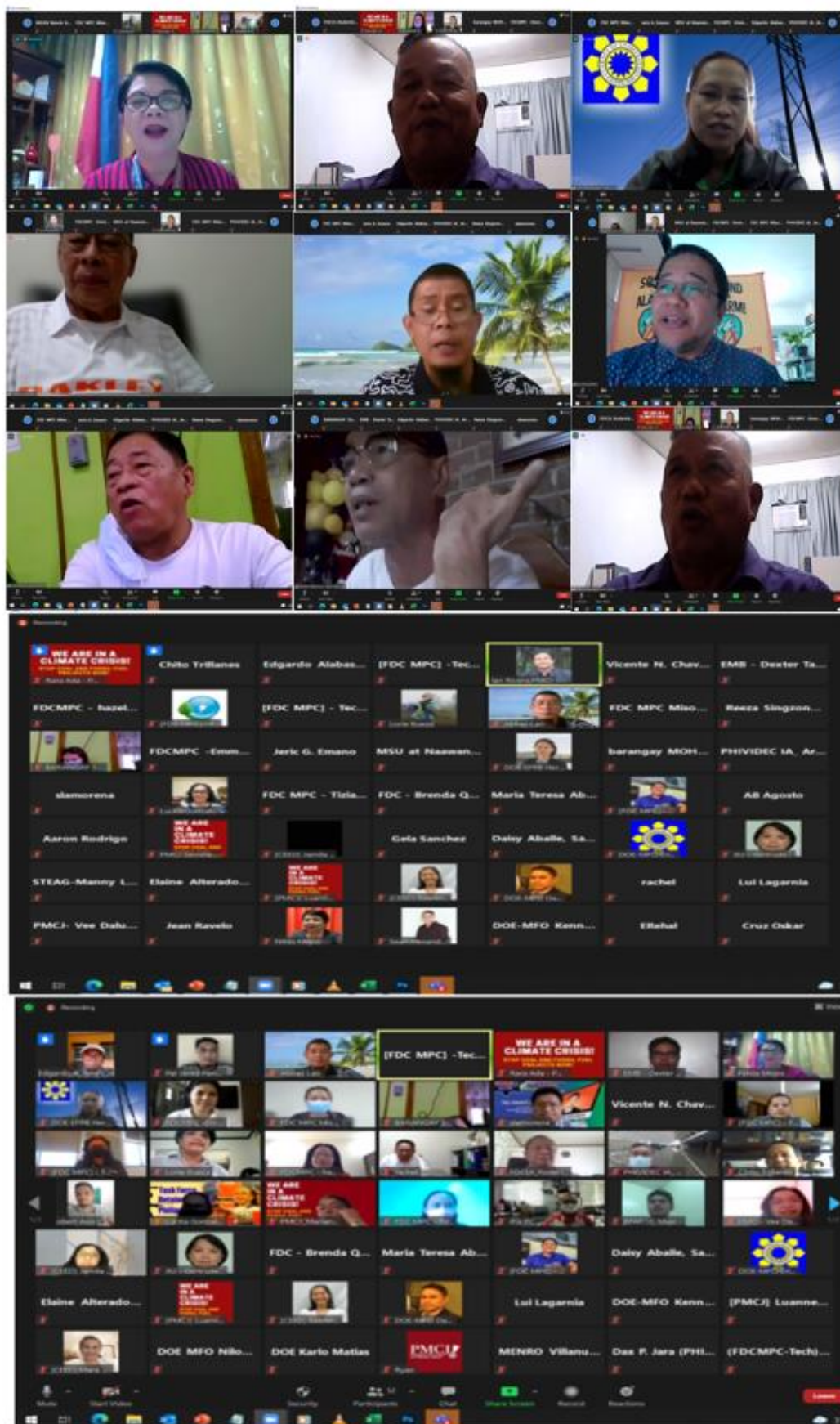


Figure 8. Participants raising Issues and Concerns during the Open Forum

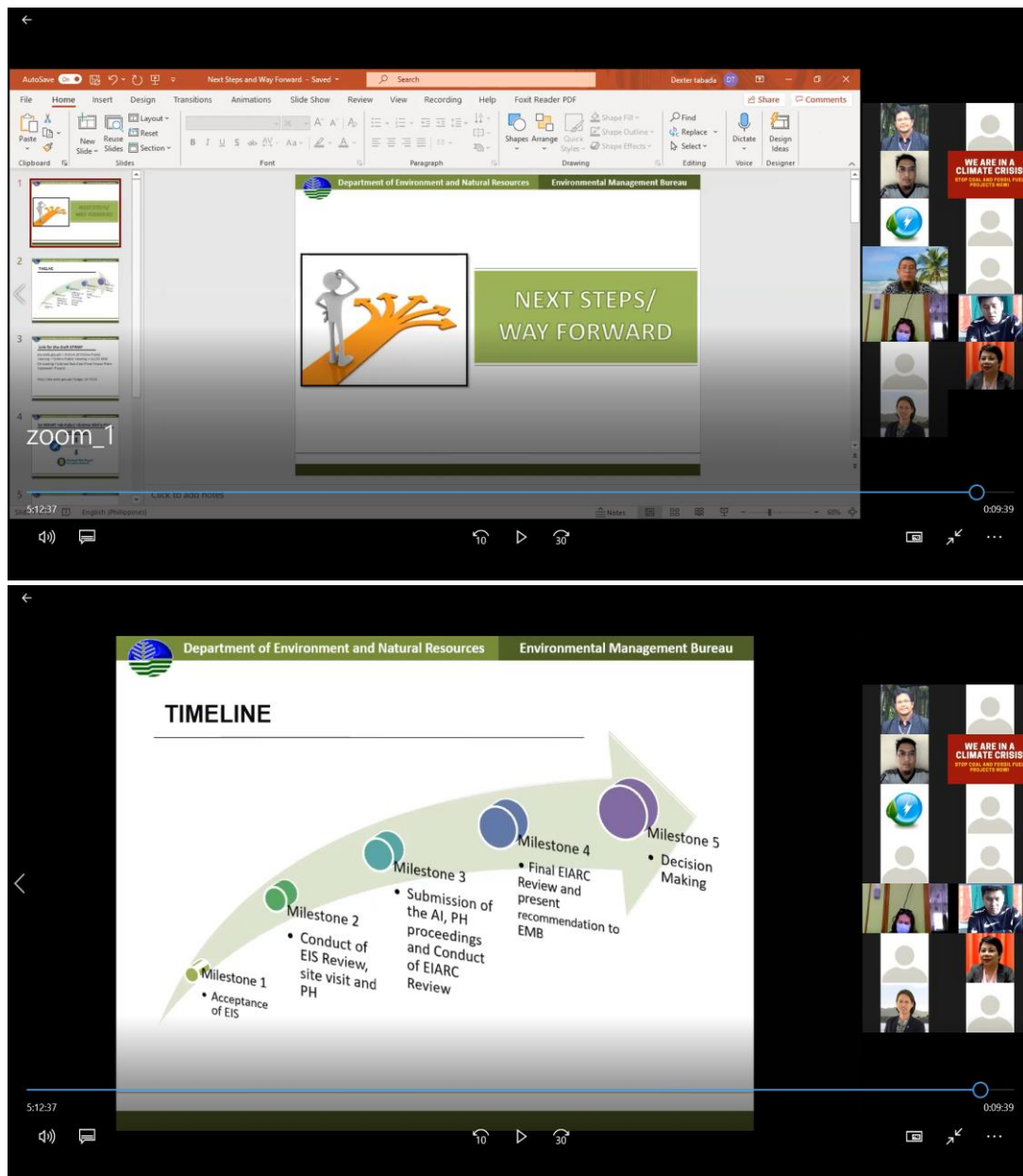


Figure 9. Recapitulation of issues and concerns raised and the Proponent's response, ways forward, and adjourning of the Public Hearing

3.3 PUBLIC HEARING COMMENTS

The Open Forum, facilitated by Atty. Abbas Lao – Public Hearing Officer, served as a venue for participants to ask, clarify, suggest, and/or comment on their issues and concerns about the proposed project. Before Atty Lao, proceeded with the Open Forum, he reiterated that there is a continuous opposition presented by Atty Riza Singson of PMCJ and Mr. Chito Trillanes and other members of PCMJ questioning the publication of the public hearing and furnishing of the EIS documents to the concerned Barangays. Atty. Lao mentioned that he previously ruled that it is already recognized the continuous opposition to the said proceeding without prejudice with the final decision of EMB Central.

The Public Hearing Officer reminded the participants regarding the guidelines to properly identify themselves (name, organization and/or position) before airing their clarifications, questions,



comments, and concerns. The participants were also informed that the open forum would be documented through audio and video recordings to note their statements and the Proponent's responses accurately.

The issues and concerns raised during the public hearing are enumerated below:

Socio-Economic:

- Percentage of employment rate within the host municipality, particularly in Villanueva
- Distribution of ER 1-94 to the impact barangays and not just the host barangays
- Determination of Impact Barangays in the EIS study
- Clarification on 2019 and 2020 real property taxes

Health:

- The health impacts of the proposed project are not expounded in the presentation

Land:

- Ash Disposal and carbon footprint

Air:

- Quantification of the fly ash emission
- Carbon Sink Program

Water:

- Study on Coral and marine life

Table 5 presents the summary of the issues and concerns raised during the public hearing.

The recording of the meeting is provided separately in a flash drive and by email addressed to the Hearing Officer and the EMB Central office.



Table 5. Issues and Concerns raised during the Public Hearing

EIA Module	Issues and Concerns	Stakeholder/s Who Raised the Issue	Respondent Response to the Issues/Concerns Raised
LAND	No mentioning of additional Ash Disposal Area since the proposed project is 100% expansion	Mr. Oliver Ello Menro Villanueva	Hazel Alvarez: FDC presented the project layout where the proposed 9 has new ash yard was located and can be extended up to the boundary of the lease area, but still for advance study. For now, FDC considered the new 9 has ash yard in addition to the existing 15 has ash yard. FDC also mentioned that they have agreement with Holcim Republic and local contractor wherein they are getting fly ash from their operations
AIR	Since adding 405 MW project, there is additional carbon footprint, what is the plan for Carbon Sink.	Mr. Oliver Ello Menro Villanueva	Emmanoelle Feliciano: FDC introduced their carbon sink program located in Brgy Sambulawan and talking with the local, LGU on the expansion in Villanueva area, also talking to Universities who is offering their vacant area. Studying the proposal of DOE to partake the MPC Carbon Sink Program, FDC is open to any proposal but have to identify the areas where they can locate the carbon sink program. Analiza Miso: Previously we have initial discussion with the host LGU and met the community of the proposed area where carbon sink program will be implemented and still open to continue with the discussion. If there will be another discussion even right after the public hearing if we can proceed.
AIR	Since we have additional carbon footprint, how is it computed on how many carbon hectare is the sink derive from the carbon footprint	Mr. Oliver Ello Menro Villanueva	Dexter Tabada – EMB Central: With regards to the computation of carbon sink, this computation will be forwarded to other agencies concerned for the computation, we will forward the submission to FMB for the evaluation. Emmanoelle Feliciano: We will wait for the guidance of the Forest Management Bureau. We have raised this with the Forest Management Bureau so we will be guided on how we will implement our carbon sink program. We have yet to receive the guidelines, but we are open to implement the guidelines issued.



EIA Module	Issues and Concerns	Stakeholder/s Who Raised the Issue	Respondent Response to the Issues/Concerns Raised
AIR	The question is directed to the presentation of Dr. Alabastro, regarding the perceive impact of the proposed expansion of the project. How this impact will be mitigated by the project proponent.	Ian Rivera PMCJ	<p>Dr. Edgardo G. Alabastro – Preparer: The contents of the EPRMP are all based on the technical screening requirements one by one without any exemption, and it has passed to a Review Committee evaluation.</p> <p>The EIS preparer did actually comply with all the requirements, unfortunately, we have limited hours to discuss but it is all embedded in the EIS report, in fact procedurally if our EIS report did not meet the substantial requirements, EMB could not have allowed the conduct of public hearing</p>



EIA Module	Issues and Concerns	Stakeholder/s Who Raised the Issue	Respondent Response to the Issues/Concerns Raised
AIR	Quantified emission of fly ash and how it will be captured in the carbon sink program of the project	Ian Rivera PMCJ	<p>Dr. Ed Alabastro - Preparer: With regards to the quantification and how it is being handled. There are 2 ways of quantifying the fly ash, 1. Take in volume in tons/hr of the feed coal and get the percentage of the fly ash. That is the quantification. 2. Based on the experience, because FDCMP, has already experience on fly ash generation.</p> <p>On the quantification of the coal and how it is manage is very well written in the report.</p> <p>Hazel Alavarez: I don't have here the actual figures of the plant operations, but I am sure it is lower of what the ball figure that I am going to use. If we are using coal from Indonesia of 4500gar and 10% of this coal consumption will be resulted to ash, estimating of 2000kgs per unit per day of operation, then assuming that is 90% availability full load for the whole day, 90% fly ash and 10% bottom ash from the 10% ash from the coal volume and we have here 24 has area, 15 from the existing and 9 for expansion if we will account the 6 units will all be operational for full load for the whole day, we can assume 0.8m/day for the 6 units. But as initially advised a while ago, we have on going agreements with Holcim, Republic Cement and a local contractor where the fly ash are being taken off and from last year our full load projection was not realized because of this pandemic. And so far, because the plan is in the open area, all the locals can easily observe if our quantity will exceed whatever we have right now existing dike and not yet considered the expansion area of 9 hectares and 12 hectares additional ash pond</p>
WATER	The carbon sink not just protecting the mangrove but also the capturing of the carbon that will be emitted in the plant specially the operation will be doubled from the original approved capacity of the project	Ian Rivera PMCJ	<p>Dr. Edgardo G. Alabastro – Preparer: As to the management, it was also said that the fly ash is being taken by 3rd party for reuse as evidenced by existing and proposed contract that it will be taken by 3rd party for their own beneficial and environmentally use.</p>



EIA Module	Issues and Concerns	Stakeholder/s Who Raised the Issue	Respondent Response to the Issues/Concerns Raised
WATER	No study presented on the marine study.	Ian Rivera PMCJ	Dr. Edgardo G. Alabastro – Preparer: The impact on marine species or corals are identified as the most significant species is based on thermal impact. During construction there are no additional jetty, so no corals will be damaged During the operation stage since there will be no structure to be construct, the impact that we have reviewed is the impact on the thermal plume, because there is no substance or chemical going out to Macajalar and water will be taken to Macajalar bay and returned. The processed water in Tagoloan river that will be taken will also return. On thermal impact we prepared the study shows that the outfall of water will be in the area where there are no corals.
WATER	May study ba sa corals and may estimate impact corals sa impact areas. Requesting a summary of the summary	Renoir Abrea MSU Naawan	Dr. Edgardo G. Alabastro – Preparer: Yes, there is study conducted by marine biology headed by Mr. Benjie Francisco. Dr. Alabastro suggest to writes to EMB for the copy of study. Atty. Abbas Lao - Public Hearing Officer: The purpose of the public hearing is to enlighten the participants. Sana yung mga significant question should be properly answered by the preparer, the preparer should be ready to answer any issues and concern raised by the participants specially with regards to the impact study, anyway, we will refer this to EMB Central Office and member of the RevCom
People	In the ECC, SDP/ IEC is generic, to be specific, how can we monitor, we hope that there are already framework that we can use in monitoring	Mr. Oliver Ello Menro Villanueva	Dexter Tabada-EMB Central: Your concern is noted and we will coordinate with the proponent to be specific with the SDP.



EIA Module	Issues and Concerns	Stakeholder/s Who Raised the Issue	Respondent Response to the Issues/Concerns Raised
People	Proponent's CSR should be concrete and consistent with the program of the LGU, as there are LGU programs that is needed assistance from the Proponent	Mr. Oliver Ello Menro Villanueva	Ana Miso: The SDPs and IECs were submitted annually, it has been presented at MMT as well which you are aware. With regard to aligning into the programs of LGU, there are consultation that we did, but probably we will enhance our coordination with LGU in order to really craft a much better CSR program for the succeeding years. We will improve our coordination with LGU
People	Employment, on your first project the 405MW we have only below 30% of employment rate from the local stakeholders. Can we improve this and can you give certain percentage how much is due to Villanueva, because I still believe that Social Development Program that will be given by FDCMPC is through employment. So can you give us a real percentage on how much will be hired in Villanueva.	Mr. Oliver Ello Menro Villanueva	Ana Miso: With regards to your concern on employment, we will coordinate with the LGU regarding this. With regards to the cadetship program, we tried inviting applicants for the cadetship program. We have our activity before, we invited and disseminated information from Barangay down to LGU. Unfortunately we only got 2 applicants. We also went at the LGU in partnership with PESO, the whole recruitment team was there unfortunately, we got only 2 applicants. But anyways we will work with LGU regarding this in order to improve other possibilities in order to prioritizing hiring local, but I cannot promise giving now the percentage but we will work with the LGU regarding this.
People	Itong impact barangay, bakit hindi nasali ang San Martin as impact barangay.	Agustin Sabio Chairman, Brgy San Martin	Ana Miso: Regarding San Martin as not included in impact barangay and you mentioned Tambobong, Balacanas. As to impact barangay it is included, but as host barangay are Tambobong, Balacanas and Sta. Cruz. It is classified as host barangay because the physical plant found in that area, then the impact barangay are Mohon, San Martin and Baluarte. It is still part of impact barangay.



EIA Module	Issues and Concerns	Stakeholder/s Who Raised the Issue	Respondent Response to the Issues/Concerns Raised
People	<p>Unsa may mga benepisyo sa katawan sa San Martin kung pughutan nga ang expansion...</p> <p>They are not included in the barangays provided sharing</p>	Agustin Sabio Chairman, Brgy San Martin	<p>In response to the 2 concern of Brgy Chair Sabio,</p> <p>1. In terms of ER 1-94 San Martin is not be included because base on the guidelines of the Dept of Energy, the host LGU, Barangay, Municipality, there are classification that is really based on the guidelines that we follow, that means that the beneficiary of ER 1-94 are the barangay where the physical plant is located. Tambobong, Balacanas where the plant is located, Sta. Cruz in Tagoloan where the Raw Water Pumphouse is located. Unfortunately there are no physical structure located in San Martin</p> <p>2. Another benefit that we can provide in barangay San Martin is the CSR Program, which I know we cannot compare it</p> <p>Hersey Dela Cruz - DOE Planning Bureau: Actually, yun talaga ang nakalagay sa Circular na only yung host barangay kung saan nakatayo ang structure, yung ang makakareceive ng shares from the ER 1-94, but that is only for the barangay. Remember that there are Municipal and Provincial share in the ER 1-94 so the barangay, yung barangay ni sir, should have a share coming from the Municipality and even sa Provincial share. So wala sa barangay shares kasi walang physical. In terms of benefits, hindi lang naman monetary, there are other benefits the barangay can have as direct impact barangay nung project. Hindi po natin pwedeng palitan kung ano yung nasa circular, kasi defined po kung sino talaga ang bibigyan ng shares</p>
People	The determination of impact barangay should not be based on the ER 1-94 of DOE but it should be based on the impact study of the project.	Ian Rivera PMCJ	<p>Dr. Edgardo G. Alabastro – Preparer: The identification of the impact area, the barangays where was based on DAO 2003-30 and DAO 2017-15.</p>



EIA Module	Issues and Concerns	Stakeholder/s Who Raised the Issue	Respondent Response to the Issues/Concerns Raised
People	In the presentation I do not see the detailed presentation of the impact study on health, that is why I am interested in relation with the issue raised by Mr. Rivera Impact of the operation on the health of the population, specially in the host and impacted areas The issues on health will focus on cardio vascular, pulmonary and gastro intestinal Requesting on the impact study on population health.	Chito Trillanes PCMJ	Dr. Edgardo G. Alabastro – Preparer: We indeed the matter of health and possible potential impact of the project on the health of the people are included in the EPRMP report, including based line. Dexter Tabada -EMB Central: The EPRMP as well as the Notice are all uploaded in the website and it is downloadable
People	What are the benefits or advantages that our learners gain from this expansion project especially in the district of Villanueva as well as in Tagoloan.	Dr. Nilda Mejos District Supervisor DEPED Tagoloan	Ana Miso: With regard to the question, we will continue our support to the Dept of Education through our CSR program and we will continue to collaborate with you, meeting with you and plan with you.



EIA Module	Issues and Concerns	Stakeholder/s Who Raised the Issue	Respondent Response to the Issues/Concerns Raised
Project Description	In relation as an electric consumer, As we have study conducted last year that as of 2020 the Mindanao has a dependable capacity of 2013.25 MW and the contracted capacity is around 1813.26MW. we have learned on our study that Mindanao has excess dependable capacity of around 2199.98MW and almost 60 or 70% of electricity is from coal fired power plant. The question is why we need another coal fired power plant since we have excess dependable capacity in the whole Mindanao not to mention the severe effect of coal fired power plant in the climate change.	Rara Ada PMCJ	<p>Emmanoelle Feliciano: We're coming from the Mindanao Development Plans, they had 2 scenarios which are High Growth scenario and Low Growth scenario. This is pre pandemic and the project was pre-pandemic. We are coming from the high growth scenario of 96.7% and a low growth scenario of 7,1% from there they presented 2018 to 2040 energy requirement of the region based on the optimistic economic development. That is the reason why we wanted to contribute to the continuing development of Mindanao, recognizing that with high growth development we need energy and power so this is why FDC Misamis is proposing the expansion project.</p> <p>Hersey Dela Cruz - DOE: As FDC Misamis mentioning the high growth scenario which entails the requirement of additional capacities and the additional capacities is really depend on the proponent on what type of project they will implement. But in case of FDC it is coal, but there are other proponent implemented renewal energy projects. In terms of technology selection it depends on the proponent on what they prefer.</p> <p>For the DOE what we do is just we project what is the required demand depending on the historical and projected economic growth and it depend also on when it will come up the project. At present there is an excess capacity, but if there is no pandemic, we would not have that much excess capacity, if we have economic growth then we would need additional capacity of energy</p> <p>In response to Ms. Rara, In addition, DOE issued a circular on the moratorium for greenfield coal power projects, because as per our assessment within the department, there is really excess coal capacity already.</p>



EIA Module	Issues and Concerns	Stakeholder/s Who Raised the Issue	Respondent Response to the Issues/Concerns Raised
Project Description	<p>Para kang kinsa ang kuryente na iproduce sa expansion na project, like may mga power supply agreements na ba o may mga naka kontrata na ba between FDC and distribution utilities?</p> <p>If there is already power contract agreement with regards to the proposed expansion of the project</p>	Rara Ada PMCJ	<p>Roderick Fernandez:</p> <p>Yung sa tanong if may contract na, as of now there is no contract yet, pero ang sinasabi namin is we are anticipating siguro sagutin ko din yung sinasabi nya kanina na may over supply ngayon o excess capacity ngayon, pero papasok po yung expansion naming by 2025 and given the projection of DOE that by that period, there is possibility that will have a deficit, although that is the pre-pandemic projection. Because during that time the economic growth of Mindanao is high, so we anticipated that by 2025 beyond the Mindanao Grid will need high capacity of electricity. We're basing our projection on that and we're hoping that even during the construction period or even during the development period, magkakaroon ng competitive selection process ang mga distribution utilities and we intend to participate on those CSPs. Tama din po na may mga kontrata kami na it would be beyond 2030. Those are based on existing demand of distribution utilities, continuous and pag grow ng demand ng mga distribution utilities. Ang naka kontrata lang ngayon ay kung ano yung existing demand nila, so with the projected CSPs, maka capture duon yung projected growth ng demand nila, yun po ang tinatarget naming na market</p>



EIA Module	Issues and Concerns	Stakeholder/s Who Raised the Issue	Respondent Response to the Issues/Concerns Raised
Project Description	<p>Clarification on the answer of Mr. Fernandez that the proposed 810 MW is projection in the possible energy need in the future.</p> <p>How does it fit in excess capacity of the power generating companies and with the fact that there is always been a process that contracting with PSA comes first before building of the plant, I understand that is to ensure that there will be a customer who need what they are producing, now with their admission that this 810MW that they have no contracted customer. If that will be the case, this will add on the excess production.</p>	Pat Jared PMCJ	<p>Roderick Fernandez:</p> <p>Just a clarification that the 810MW total capacity, the 405MW is existing which is already operating and we already have contracts, what I said that we do not have contract yet and we anticipate that by 2005 and beyond magkakaroon ng requirement yung mga distribution utilities, tama po kayo na may excess capacity ngayon pero, base on the growth rate of Mindanao, mauubos yung excess by 2025 and beyond. Inihahanda po naming yung 405MW para sa ineexpect na growth rate indemand ng mga distribution utilities, ang expectation na by that time, mauubos na yung excess, may mga ibang factors pa ring tinitignan like may program din si MPC na irehabilitate yung Agus-bulanog Hydro, so pag nirehabilitate na yun depende na rin sa program on how to rehabilitate that, mayroong pa rin ng equivalent reduction sa supply base on the rehabilitation program of the government, those are the opportunities that we anticipated here in Mindanao.</p>



Table 6. Issues and Concerns raised during the Public Hearing beyond EMB mandate

Concerned Agencies	Issues and Concerns	Stakeholder/s Who Raised the Issue	Respondent Response to the Issues/Concerns Raised
LGU Villanueva	Base sa chart na pinakita kanina from 2017 to 2019, bakit sa 2020 bakit parang bumaba. Saan ba binase yung RPT o sa distribution?	Hon. Jeric Emano	Emmanoelle Feliciano: We got this from the accounting of actual paid for 2017, 2018, 2019 and 2020. There maybe a timing difference that's why the 2020 is lower than 2019 but we will clarify on the RPT.
DOE / LGU Villanueva/ Provincial Gov't	Can we ask an authority that the brgy chairman or the treasurer of the barangay council of San Martin can ask shares from the Municipality and Provincial. Is there a MOA	Agustin Sabio Chairman, Brgy San Martin	Hersey Dela Cruz - DOE Planning Bureau: It is clearly stated in the department circular the radiating benefits of ER 1-94 for barangay, municipal and provincial.
LGU Villanueva/ PHIVIDEC	Why FDC invoking PEZA since their product is locally consume in Mindanao?	Edgardo Permi LGU Villanueva	Renato Buehimente: The question is referring to the present issues between the LGU Villanueva, other than that we are not claiming PEZA registration at the moment. FDC is currently registered under PHIVIDEC not PEZA



ANNEXES

1. RECEIVED INVITATION LETTERS
2. AFFIDAVIT AND PROOF OF PUBLICATION
3. ATTENDANCE OF STAKEHOLDERS
4. POWERPOINT PRESENTATIONS
5. TRANSCRIPTION OF THE PROCEEDINGS

Annex 1

RECEIVED INVITATION LETTERS



**Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU**

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June 28, 2021

MR. HERMIL VALLEDOR

Punong Barangay

Brgy. Imelda, Villanueva, Misamis Oriental

Subject: Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project of the FDC Misamis Power Corp.

Dear Mr. Valledor:

We are pleased to invite you and your constituents to attend the **Public Hearing** of the **Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project** of the FDC Misamis Power Corp. The said hearing is scheduled on:

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16 July 2021 (Friday)	9:00 AM <i>Registration starts at 8:30 AM</i>	https://zoom.us/j/95968089150?pwd=dGNhR3lnVDFvSjNjQTdVUWF6L29SUT09 Meeting ID: 959 6808 9150 Passcode: 8M32hc

The Public Hearing will be conducted as part of the requirements of the proponent's application for an Environmental Compliance Certificate. Interested parties will be given the opportunity to express freely their concerns/support/opposition/questions about the project.

Kindly register or submit a concise position paper to this Office via email at eia@emb.gov.ph three (3) days before the scheduled Public Hearing. Those who are unable to register online or submit position papers may still join the discussion on the day of the hearing.

Attached herewith is the project's Executive Summary for the Public (ESP) for your reference. The project's Environmental Performance Report and Management Plan (EPRMP) is downloadable at our website www.eia.emb.gov.ph. Kindly access the Notice of Public Hearing/ Consultation link found in our web page). The copies of the ESP and EPRMP are available at the following offices:

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Should you have any question, you may contact **Engr. Dexter Tabada** or **Engr. Carlo Vic Arida, EnP**, Project Case Handlers, Environmental Impact Assessment and Management Division (EIAMD), at telephone numbers +632 8920-2240 and +632 8920-2241.



*Received by:
Health Management
6/28/21
2:21 PM*

Sincerely yours,

ENGR. WILLIAM P. CUÑADO
Director



**Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU**

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June 28, 2021

MR. CELSO YAGMA

Punong Barangay

Brgy. Kimaya, Villanueva, Misamis Oriental

Subject: Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project of the FDC Misamis Power Corp.

Dear Mr. Yagma:

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Sincerely yours,


ENGR WILLIAM P. CUÑADO
Director



RECEIVED BY: ANGLE NA LANSARDA

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June 28, 2021

MR. JOSE ABEJO

Barangay Chairman

Brgy. Poblacion, Villanueva, Misamis Oriental

Subject: Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project of the FDC Misamis Power Corp.

Dear Mr. Abejo:

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Engr. Neary
2:45

Sincerely yours,

ENGR. WILLIAM P. CUÑADO
Director

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June 28, 2021

MR. JULIO CABATO JR.

Punong Barangay

Brgy. Katipunan, Villanueva, Misamis Oriental

Subject: Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project of the FDC Misamis Power Corp.

Dear Mr. Cabato Jr.:

We are pleased to invite you and your constituents to attend the **Public Hearing** of the **Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project** of the FDC Misamis Power Corp. The said hearing is scheduled on:

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Sincerely yours,

ENGR. WILLIAM P. CUÑADO
Director



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Received by: *u/02/21*
cc: 01 pr
Hon. Rona Mia Ballarzo



Department of Environment and Natural Resources
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June 28, 2021

MR. ROBERT CABRERA

Punong Barangay

Brgy. Dayawan, Villanueva, Misamis Oriental

Subject: Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project of the FDC Misamis Power Corp.

Dear Mr. Cabrera:

We are pleased to invite you and your constituents to attend the **Public Hearing** of the **Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project** of the FDC Misamis Power Corp. The said hearing is scheduled on:

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Sincerely yours,


ENGR. WILLIAM P. CUÑADO
Director





Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
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Tel.Nos. (632)927-1517; 928-3725; Fax No.(632)920-2258
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June 28, 2021

MR. JORGINO CARONIA

Representative

Kimaya Agrarian Reform Beneficiaries and Farmers Cooperative

Kimaya, Villanueva, Misamis Oriental

Subject: Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project of the FDC Misamis Power Corp.

Dear **Mr. Caronia**:

We are pleased to invite you to attend the **Public Hearing** of the **Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project** of the FDC Misamis Power Corp. The said hearing is scheduled on:

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Sincerely yours,


ENGR. WILLIAM P. CUÑADO
Director



RECEIVED BY: ANGIE VIKI VAVANAP/D/A

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June 28, 2021

MR. RODEL DE LA TORRE
Teacher in Charge
Kirahon Elementary School
Villanueva, Misamis Oriental

Subject: Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired
Power Plant Expansion Project of the FDC Misamis Power Corp.

Dear **Mr. De La Torre**:

We are pleased to invite you to attend the **Public Hearing** of the **Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project** of the FDC Misamis Power Corp. The said hearing is scheduled on:

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Sincerely yours,

ENGR. WILLIAM P. CUÑADO
Director



RECEIVED BY: XULETTE VARGAS



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June 28, 2021

MR. JOSE OLIVER ELLO

MENRO

LGU Villanueva

Villanueva, Misamis Oriental

Subject: Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project of the FDC Misamis Power Corp.

Dear Mr. Ello:

We are pleased to invite you to attend the **Public Hearing** of the **Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project** of the FDC Misamis Power Corp. The said hearing is scheduled on:

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Sincerely yours,


ENGR. WILLIAM P. CUÑADO
Director



RECEIVED By: ANGIE MAE VANGUARDIA



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June 28, 2021

MS. LIUXENE ORITOR

Municipal Social Welfare and Development Office

Villanueva Municipal Hall

Villanueva, Misamis Oriental

Subject: Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project of the FDC Misamis Power Corp.

Dear Ms. Oritor:

We are pleased to invite you to attend the **Public Hearing** of the **Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project** of the FDC Misamis Power Corp. The said hearing is scheduled on:

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Sincerely yours,


ENGR. WILLIAM P. CUÑADO
Director





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June 28, 2021

MR. VENERADO PONCE
Municipal Agriculturist
Municipal Agriculture Office
Villanueva, Misamis Oriental

Subject: Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project of the FDC Misamis Power Corp.

Dear **Mr. Ponce**:

We are pleased to invite you to attend the **Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project** of the FDC Misamis Power Corp. The said hearing is scheduled on:

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Sincerely yours,


ENGR. WILLIAM P. CUÑADO
Director



*Received by:
Mr. Alexander
06-30-21*

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June 28, 2021

MS. CECILIA NAIN
Representative
Kalipi President
Villanueva, Misamis Oriental

Subject: Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project of the FDC Misamis Power Corp.

Dear Ms. Nain:

We are pleased to invite you to attend the **Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project** of the FDC Misamis Power Corp. The said hearing is scheduled on:

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Chlr
7-20 2021



Sincerely yours,

ENGR. WILLIAM P. CUÑADO
Director

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June 28, 2021

MR. ROBINSON MINOZA

President

Fisherman's Organization

Poblacion3, Villanueva, Misamis Oriental

Subject: Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project of the FDC Misamis Power Corp.

Dear **Mr. Minoza:**

We are pleased to invite you to attend the **Public Hearing** of the **Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project** of the FDC Misamis Power Corp. The said hearing is scheduled on:

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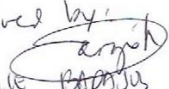
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Sincerely yours,


ENGR WILLIAM P. CUÑADO
Director



Received by:  6/30/2021
2:53 P.M.

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June 28, 2021

MR. JOSE ABEJO
Barangay Chairman
Brgy. Poblacion, Villanueva, Misamis Oriental

Subject: Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project of the FDC Misamis Power Corp.

Dear Mr. Abejo:

We are pleased to invite you and your constituents to attend the **Public Hearing** of the **Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project** of the FDC Misamis Power Corp. The said hearing is scheduled on:

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Engr. Neary
2:45

Sincerely yours,

ENGR. WILLIAM P. CUÑADO
Director

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June 28, 2021

MS. AILEEN DABON

Principal

VN Chavez Memorial Central School

Villanueva, Misamis Oriental

Subject: Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project of the FDC Misamis Power Corp.

Dear Ms. Dabon:

We are pleased to invite you to attend the **Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project** of the FDC Misamis Power Corp. The said hearing is scheduled on:

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NEW SCHOOL HONO:

RUBENIZA P. MOLINA, *EnP*
Principal



*Received: [Signature]
PROSECUTOR A. ARADA
Act. to the Principal*

Sincerely yours,

[Signature]
ENGR. WILLIAM P. CUÑADO
Director

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June 28, 2021

MR. JOSE ADRIANO

President

Mindanao Oriental Builders, Inc.

National Road, Katipunan, Villanueva, Misamis Oriental

Subject: Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project of the FDC Misamis Power Corp.

Dear Mr. Adriano:

We are pleased to invite you to attend the **Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project** of the FDC Misamis Power Corp. The said hearing is scheduled on:

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Sincerely yours,

ENGR. WILLIAM P. CUÑADO
Director



86 Engr. M. 6-30-21
QUACUMA W.



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June 28, 2021

MR. ROBERT ERIC MAAT

Plant Manager

Cargill Animal Nutrition Philippines

Katipunan, PHIVIDEA

Villanueva, Misamis Oriental

Subject: Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project of the FDC Misamis Power Corp.

Dear Mr. Maat:

We are pleased to invite you to attend the **Public Hearing** of the **Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project** of the FDC Misamis Power Corp. The said hearing is scheduled on:

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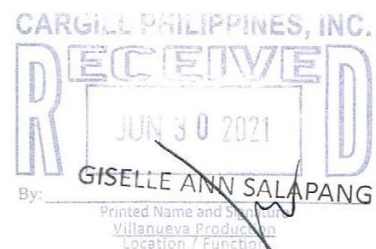
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Sincerely yours,

ENGR. WILLIAM P. CUÑADO
Director



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June 28, 2021

MS. IRENE CABUNOC

Administrative Manager

Bagong Buhay Arrastre Service Inc. (BBASI)

Phividec Industrial Estate, Villanueva, Misamis Oriental

Subject: Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project of the FDC Misamis Power Corp.

Dear Ms. Cabunoc:

We are pleased to invite you to attend the **Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project** of the FDC Misamis Power Corp. The said hearing is scheduled on:

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SG. T. B. J. JR. 20 June 21
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Sincerely yours,

ENGR. WILLIAM P. CUÑADO
Director

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June 28, 2021

MR. CLARK PUBLICO

Operations Executive

Isla Pilipinas LPG

Phividec Industrial Estate, Villanueva, Misamis Oriental

Subject: Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project of the FDC Misamis Power Corp.

Dear Mr. Publico:

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Sincerely yours,

ENGR. WILLIAM P. CUÑADO

Director

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June 28, 2021

MS. MONALIZA H. DAPITAN

Principal

Balacanas Elementary School

Brgy. Balacanas, Villanueva, Misamis Oriental

Subject: Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project of the FDC Misamis Power Corp.

Dear Ms. Delegencia:

We are pleased to invite you to attend the **Public Hearing** of the **Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project** of the FDC Misamis Power Corp. The said hearing is scheduled on:

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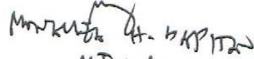
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Sincerely yours,


ENGR. WILLIAM P. CUÑADO
Director



Received by:


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June 28, 2021

MR. ERNESTO SELO

Principal

Tambal National High School

Tambobong-Balacanag, Villanueva, Misamis Oriental

Subject: Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project of the FDC Misamis Power Corp.

Dear Mr. Selo:

We are pleased to invite you to attend the **Public Hearing** of the **Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project** of the FDC Misamis Power Corp. The said hearing is scheduled on:

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Sincerely yours,


ENGR WILLIAM P. CUÑADO
Director



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*for Alice
Rizal M. Ocampo*



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June 28, 2021

ENGR. NILO SAGRADO
Vice President/Resident Manager
Philippine Sinter Corporation
Katipunan, San Martin, PHIVIDEC
Villanueva, Misamis Oriental

Subject: Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project of the FDC Misamis Power Corp.

Dear **Engr. Sagrado**:

We are pleased to invite you to attend the **Public Hearing** of the **Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project** of the FDC Misamis Power Corp. The said hearing is scheduled on:

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*Received by: [Signature]
s/c. [Signature]
6/30/21
herza*

Sincerely yours,

ENGR. WILLIAM P. CUÑADO
Director

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June 28, 2021

MR. NOEL NACOM

Plant Operations Executive

Coca-Cola Beverages Philippines

Phividec Industrial Estate, Villanueva, Misamis Oriental

Subject: Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project of the FDC Misamis Power Corp.

Dear Mr. Nacom:

We are pleased to invite you to attend the **Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project** of the FDC Misamis Power Corp. The said hearing is scheduled on:

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Sincerely yours,


ENGR. WILLIAM P. CUÑADO
Director



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June 28, 2021

MR. MARIFE BALABA

Principal

Villanueva National High School

Brgy. Looc, Villanueva, Misamis Oriental

Subject: Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project of the FDC Misamis Power Corp.

Dear Mr. Balaba:

We are pleased to invite you to attend the **Public Hearing** of the **Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project** of the FDC Misamis Power Corp. The said hearing is scheduled on:

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Sincerely yours,


ENGR. WILLIAM P. CUÑADO
Director



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MD [Signature]
June 30, 2021

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June 28, 2021

DR. CARSTEN EVERS

Power Plant Manager

Steag State Power Inc.

Phividec Industrial Estate, Villanueva, Misamis Oriental

Subject: Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project of the FDC Misamis Power Corp.

Dear Dr. Evers:

We are pleased to invite you to attend the **Public Hearing** of the **Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project** of the FDC Misamis Power Corp. The said hearing is scheduled on:

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Sincerely yours,


ENGR. WILLIAM P. CUÑADO
Director



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W. P. CUÑADO



**Department of Environment and Natural Resources
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June 28, 2021

MS. GRACE MAGALLANES

Principal

San Martin Elementary School

Brgy. San Martin, Villanueva, Misamis Oriental

Subject: Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project of the FDC Misamis Power Corp.

Dear Ms. Magallanes:

We are pleased to invite you to attend the **Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project** of the FDC Misamis Power Corp. The said hearing is scheduled on:

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Sincerely yours,


ENGR. WILLIAM P. CUÑADO
Director



Received by:

AL JEAN L. GADIZA

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June 28, 2021

MR. FELIPE VALDEHUESA

Councilor

Tagoloan Municipal Hall

Claro M. Recto Ave., Tagoloan, Misamis Oriental

Subject: Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project of the FDC Misamis Power Corp.

Dear **Mr. Valdehuesa:**

We are pleased to invite you to attend the **Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project** of the FDC Misamis Power Corp. The said hearing is scheduled on:

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Sincerely yours,

ENGR. WILLIAM P. CUÑADO
Director



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Department of Environment and Natural Resources
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June 28, 2021

MR. RANDY EMANO

Councilor

Tagoloan Municipal Hall

Claro M. Recto Ave., Tagoloan, Misamis Oriental

Subject: Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project of the FDC Misamis Power Corp.

Dear Mr. Emano:

We are pleased to invite you to attend the **Public Hearing of the Proposed 6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project** of the FDC Misamis Power Corp. The said hearing is scheduled on:

Date	Time	Zoom Details
16 July 2021 (Friday)	9:00 AM <i>Registration starts at 8:30 AM</i>	https://zoom.us/j/95968089150?pwd=dGNhR3lnVDFvSjNjQTdVUWF6L29SUT09 Meeting ID: 959 6808 9150 Passcode: 8M32hc

The Public Hearing will be conducted as part of the requirements of the proponent's application for an Environmental Compliance Certificate. Interested parties will be given the opportunity to express freely their concerns/support/opposition/questions about the project.

Kindly register or submit a concise position paper to this Office via email at eia@emb.gov.ph three (3) days before the scheduled Public Hearing. Those who are unable to register online or submit position papers may still join the discussion on the day of the hearing.

Attached herewith is the project's Executive Summary for the Public (ESP) for your reference. The project's Environmental Performance Report and Management Plan (EPRMP) is downloadable at our website www.eia.emb.gov.ph. Kindly access the Notice of Public Hearing/ Consultation link found in our web page). The copies of the ESP and EPRMP are available at the following offices:

- **EMB Region X**
DENR 10 Compound, Macabalan, Cagayan De Oro City
- **Villanueva Municipal Hall**
Municipality of Villanueva, Province of Misamis Oriental

Should you have any question, you may contact **Engr. Dexter Tabada** or **Engr. Carlo Vic Arida, EnP**, Project Case Handlers, Environmental Impact Assessment and Management Division (EIAMD), at telephone numbers +632 8920-2240 and +632 8920-2241.

Sincerely yours,

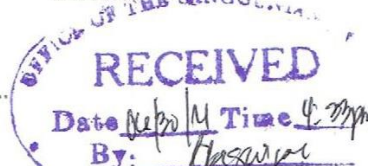

ENGR. WILLIAM P. CUÑADO

Director



Protect the environment... Protect life...

IIS Ref. No.: CO-2021-023226



Annex 2

AFFIDAVIT AND PROOF OF PUBLICATION

AFFIDAVIT OF PUBLICATION ISSUED BY DAILY TRIBUNE



REPUBLIC OF THE PHILIPPINES)
MAKATI CITY)S.S.

AFFIDAVIT OF PUBLICATION

I, **Mary Ann M. Datoy** legal age, Filipino and residing at c/o **Concept and Information Group Inc.** Concept Bldg., 3450 Florida St., Makati City, Philippines, after having been duly sworn to in accordance with the law, hereby declare and testify:

That I am the **Accounting Assistant of Concept and Information Group Inc.** publisher of the **DAILY TRIBUNE** a newspaper which is published in English, edited and printed in Metro Manila, and circulated nationwide from Monday to Sunday, with editorial and business address at Concept Bldg., 3450 Florida St., Makati City, Manila, Philippines.

That the
NOTICE OF PUBLIC HEARING

APPLICANT/PETITIONER
FDC MISAMIS POWER CORPORATION

text of which could be read/described as follows:

AS PER ATTACHED
has been published in Daily Tribune in its issue

JULY 02 & 09, 2021

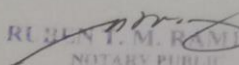
AFFIANT FURTHER SAYETH NAUGHT
Manila, Philippines


Mary Ann Datoy
Affiant

SUBSCRIBED and SWORN to before me this
JUL 09 ~~day~~ **2021**, at Makati City, Philippines.

Affiant exhibited to me her TIN # 495-003-417-000 bearing her photograph and signature.

Doc. No. 141
Page No. 76
Book No. 112
Series of 2021.


RUBEN T. M. RAMIREZ
NOTARY PUBLIC
UNTIL DEC. 31, 2021
IRP NO. 142536 / 01.04.2021
ROLL NO. 28947 / NOT. VI / 04-21-22
PTR. NO. MKT. 3 - 046 / 01.04.21
STAR CENTRUM CONDOMINIUM MAKATI

1st Publication of Public Hearing Notice dated July 2, 2021

Friday, 2 July 2021
Daily Tribune

MONEY | B11

'Of coins and wages'

It is a reminder to everyone that employees must be provided with a fair day's wage for a fair day's labor

On 28 June 2021, the nation was probably amused by the story of a certain factory employee in Valenzuela City who vented his disappointment and frustration with his employer over the fact that the latter paid his salary of one thousand fifty-six pesos (P1,056) in 5 and 10 centavo coins. The nation wondered what could the employee have done against the employer? Did the employee have the right to refuse? Could the employee vindicate himself against the apparent insult dished out by his employer in some form of legal action?

Well, for starters, people should know that under Section 52 of Republic Act 7653, all Philippine currency notes, bills and coins, may be used in payment for almost everything as they are guaranteed by the Government of the Republic of the Philippines as legal tender.

Like everything else, however, such is subject to certain limitations. For coins, the Bangko Sentral ng Pilipinas through BSP Circular 537, Series of 2006, set a maximum amount for payment in coins to be considered legal tender. For 1-Piso, 5-Piso, and 10-Piso coins, you can only offer such number of coins as will total one thousand pesos (P1,000) for payment to be considered legal tender. Meanwhile, for 1-centavo, 5-centavo, 10-centavo, and 25-centavo coins, you may only use enough coins as will total one hundred pesos (P100) for payment to be considered legal tender. My opinion may vary when other facts are changed.



PRACTICAL LAW
JUAN ROMULO R. TALEON

Fueling SME for post-pandemic rebound

Our MSME have gone through their toughest year yet

BY KOMPIE MANALO

The past year saw a dramatic disruption for many micro, small and medium businesses across the country, from operations to customer preferences around buying habits and delivery of services and products.

The plus side is economic signals are good—at least looking at the prospects, for its part, Globe Telecom

and CEO Ernest Cu stressed that

remains focused on its role as an enabler of digital transformation for all Filipinos, including businesses, by providing them with technology and agile and affordable solutions.

"As businesses begin their journey to economic recovery, we will continue to extend our hand to entrepreneurs to give them meaningful and life-enabling innovations and access to opportunities and growth," said Cu.

'Saludo SME' seeks to retrofit and shift to digital to thrive

assistance. On the other hand, BPI SME Loans has

developed Biz Tech, a loan program specifically for Globe Business MSMEs who need a financial boost for their business. At the same time, AEC extends exclusive perks and benefits from other Ayala companies to help Globe Business customers save on expenses.

"Our MSME have gone through their toughest year yet, and through our 'Saludo SME' initiative, we want to celebrate their resilience and longevity and encourage them to cultivate a mindset of 'Tuloy Tayo' to forge ahead with confidence into the future despite the changing times. And they

to hr_dept@dongshengph.com

UP TO SPEED

Kultura highlights local products

Kultura, through its "Support Local Campaign," is urging Filipinos to use Philippine-made products in their everyday lives. The campaign reinforces Kultura's long-standing partnership with micro, small and medium enterprises (MSME). Many people associate Philippine crafts and delicacies with pasalubong or as novelty items. Traditional fabrics and clothes are often identified with special occasions like weddings and graduations. Philippine-themed stores, on the other hand, typically cater to tourists or *balikbayans*. But not anymore. "There are so many functional pieces and products that can turn everyday occasions into something special," said Sheila Tan, AVP for Operations of Kultura. Kultura is a one-stop-shop for home décor, food, and fashion that brings together the best and the finest crafters and artisans of the country for the modern Filipino.



KULTURA, through its long-standing partnership with MSME, has provided livelihood opportunities to more than 100 crafters and artisans all over the country.

Bringing everything you love together

Many of us have spent our lives hurrying to and fro. Quality time feels like a blur. But when a pandemic marooned everyone at home—where jobs and classes are reduced to online interactions—it dawned on people how important the welfare of the family is and how essential residences and their location are. Cramped apartments, claustrophobic condos or houses in subdivisions which are becoming denser and denser could be taxing in what we call the new abnormal. Alternatives to these were few and far between.

Costa Del Hamilo Inc. (CDHI), one of the



PHOTOGRAPH COURTESY OF CDHI
LOT owners of Sola also acquire a Pico de loro Beach and Country Club individual membership share which gives them access to the most extensive land and sea-based recreational facilities in Nasugbu, Batangas.

country's premium beach resort developers, came into the picture and changed the scenario for the better. The developer recently launched an exclusive residential project and the first horizontal development in Hamilo Coast: Sola at Pico De Loro Cove. Sola is considered as the first premiere, sustainable, lot development in Pico De Loro Cove with access to 1.5 kilometer of white sand beach and is approximately 90 minutes away by car from SM Mall of Asia.

RFM declares P47M dividends

Listed food and beverage company RFM Corp. approved today a cash dividend of P417 million or P0.1237 per share payable on 9 August 2021 with record date as of 14 July 2021. Total dividend per share for 2021 is P0.229 per share or a dividend yield of five percent at the 4.55 per share price while total dividends in 2021 amounted to P772 million or 60 percent of the P1.28 billion net income of 2020. RFM President and CEO Jose Ma. A. Concepcion III said that "at 60 percent cash payout from net income, RFM aims to provide shareholders with steady cash dividends even as RFM navigates the transition of the economy to normalcy and maintains balance sheet strength." At the RFM Annual Shareholders' Meeting held also on the same day, 30 June, Concepcion said that "RFM performed strongly in 2020 with positive growth in sales and income. However, for 2021, even as the economy regains traction with mass vaccination, RFM continues to face headwinds in input and operation costs which the company is tackling by improving operational efficiencies in production, distribution and other controllable costs."



Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
DENR Compound, Visayas Avenue, Diliman, Quezon City 1116
Tel. Nos. (632) 927-1517; 928-3725; Fax No. (632) 920-2258
Website: www.emb.gov.ph Email: recordsco@emb.gov.ph



NOTICE OF PUBLIC HEARING

On the **ENVIRONMENTAL PERFORMANCE REPORT AND MANAGEMENT PLAN (EPRMP)** of the proposed **6X135 MW CIRCULATING FLUIDIZED BED COAL-FIRED POWER PLANT EXPANSION PROJECT** of the **FDC MISAMIS POWER CORP.** located in **PHIVIDE INDUSTRIAL ESTATE, BARANGAYS TAMBONONG AND BALACANAS, MUNICIPALITY OF VILLANUEVA, PROVINCE OF MISAMIS ORIENTAL.**

Notice is hereby given to all parties who wish to give their opinion regarding the implementation of the proposed **6X135 MW CIRCULATING FLUIDIZED BED COAL-FIRED POWER PLANT EXPANSION PROJECT** to attend the Public Hearing scheduled on:

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The Public Hearing is being conducted in connection with the review of the EPRMP of the aforementioned project by the Environmental Management Bureau (EMB) of the Department of Environment and Natural Resources (DENR).

The following is the project information:

Project Name	6x135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project
Project Location	Phividec Industrial Estate, Barangays Tambonong and Balacanas, Villanueva, Misamis Oriental
Project Capacity	Total Capacity: 810 MW
Project Type	Coal-Fired Power Plant
Proponent	FDC Misamis Power Corp.

All interested parties who wish to attend or participate in this Public Hearing should preferably confirm their attendance/participation and may give their opinion(s) in a concise position paper to the **ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT DIVISION (EIAMD)** of this Office through email at eia@emb.gov.ph, three (3) days before the Public Hearing schedule. Those who will not be able to register or submit written positions may be given the opportunity to share their issues on the day of the hearing itself.

The project's EPRMP and Executive Summary for the Public are downloadable on our website: (*kindly access the Notice of Public Hearing/ Consultation link found in our website*) while copies will be available in the following offices:

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- **Villanueva Municipal Hall**
Municipality of Villanueva, Province of Misamis Oriental

For more details, please contact the EIAMD Division at this Office at telephone number 8920-2240 to 41 and look for the project case handlers **Engr. Dexter Tabada** and **Engr. Carlo Vic Arida, EnP.**

Protect the environment... Protect life...

2nd Publication of Notice of Public Hearing, July 9, 2021

Friday, 9 July 2021
Daily Tribune

MONEY | B11

Exploring the use and validity of e-signatures

With such a rule in place, e-signatures can now be said to legally valid and admissible

Limited physical interaction necessitated by the pandemic led to electronic means to perfect commercial dealings and, with this, an increase in the use of electronic signatures. The Electronic Commerce Act (Republic Act 8792) and the Rules on Electronic Evidence (REE) provide for the recognition and validity of electronic signatures (e-signatures).

An e-signature is any distinctive mark and/or sound in electronic form, representing the identity of a person and attached to an electronic document. On the other hand, digital signatures are a kind of e-signatures that are generally more secure as they are encrypted and certified as authentic by an authority.

As a rule, e-signatures have the same effect as physical signatures and may be used in contracts, provided that: 1.) The party sought to be bound has indeed provided the signature; 2.) There is a reliable and appropriate method employed not only to identify the party sought to be bound but also to establish that such party was able to access the electronic document on which the e-signature is attached; and 3.) The other party to the transaction is authorized and enabled to identify the e-signature and to make the decision on the transaction authorized by the signature.

In any transaction involving an e-signature, there exists a legal presumption that the relevant signature is indeed the signature of the person to whom it correlates and the electronic signature was affixed by that person with the intention of signing or approving the electronic document unless the person relying on the electronically signed electronic document knows or has notice of defects in or unreliability of the signature or reliance on the electronic signature is not reasonable under the circumstances. With such a rule in place, e-signatures can now be said as legally valid and admissible.

There are still instances, however, when a physical signature is required. One instance is when a specific form is required for documents to be considered valid. Under the Civil Code, when contracts have for their object the creation, transmission, modification or extinguishment of real rights over immovable property such as in a contract of sale or donation, the contract is required to be notarized. The use of e-signatures in such documents would not impress them with validity for being incapable of being notarized.



PRACTICAL LAW
VANESSA ARRAHA
A. DE LEON

Although there was an attempt by the Supreme Court to "adopt such other authentication procedures, including the use of electronic notarization systems," no rules have yet been issued.

Perhaps a better appreciation of developing technology can aid the Supreme Court in crafting new rules that will allow for notarization of electronically signed documents.

New applications like DocuSign and Adobe Sign facilitate secure electronic and digital signing of documents. Both these applications follow a Public Key Infrastructure (PKI) protocol to certify that the final signed PDF documents and audit trails with a digital signature before distributing to recipients. They work by generating two "keys" using a mathematical algorithm. One is a private key which is a sequence of numbers to be kept by the signer and used to create the digital signature. The other, which is the public key, is another sequence of numbers which is sent to the recipient of the document that should allow him to verify the digital signature. Notably, the digital signatures produced by these applications meet the conditions of the law to regard an e-signature as an authentic equivalent of a physical signature.

Under DocuSign's protocol, the recipient of the document will use the signer's public key to try to access the encrypted document. If the public key is unable to decrypt the signer's signature, it means the signature has been invalidated because the document has been changed or the signature is not that of the person it purports to be.

Notably, the digital signatures produced by these applications meet the conditions of the law to regard an e-signature as an authentic equivalent of a physical signature.

Likewise, Adobe Sign uses PKI to certify the authenticity of the final signed documents. This certification is seen in the form of a blue certification banner on the top of the document. This verifies that the document has not been tampered with since the certification was applied.

While it is relatively an unfamiliar concept to many Filipinos, the use of electronic signatures is growing in commonality and will certainly be a useful tool in the nation's economic recovery. There is even a movement for its mandatory use in government offices which is bound to reduce the usual inconveniences involved in government transactions.



PHOTOGRAPH COURTESY OF GLOBE

THE livestreaming sales event opens opportunities for small businesses to expand their market.

Livestreaming sales push

The live selling event is one of several activities lined up to mark this year's Saludo SME

A live streaming sales event tonight will allow micro, small, and medium enterprises (MSME) to showcase their products, services, and brands across a broader market through the digital sphere. Globe Business' Digistore initiative allows MSME to ride the live-streaming wave to let their brands tap into the bigger pool of customers online and engage them more intimately beyond the brick-and-mortar stores.

"We bring you once again this live shopping event to help small businesses tap into new channels that will bring their brand online and make a deeper connection with more customers. And on the other hand, offer a seamless and more enjoyable buying experience for shoppers," said Gail Guevarra, brand, integration, and communications head of Globe Business MSME Group.

Guevarra added Digistore would provide a more accessible platform for micro, small, and medium businesses to sell more and an opportunity to adapt to the popular retail trend and bring their products to where customers shop. The first Digistore was held last year.

Broadcast live through Globe Business'

Facebook page on 9 July at 7 p.m., the live selling event is one of several activities lined up to mark this year's Saludo SME, an annual initiative by Globe's enterprise arm to support and recognize the efforts and contribution of Filipino entrepreneurs to achieve sustainable economic development.

Now in its third year, the Globe Business campaign carries an apt message: "Through the Changing Times, Tuloy Tayo!" to inspire MSME to focus on the future confidently and to keep moving forward.

"As a staunch advocate of empowering every business to own their success, we remain true to our commitment to provide MSME with platform and opportunities to grow and thrive in the changing times," she added.

The Saludo SME Digistore Live Selling Event will showcase a wide array of selected products — from brewed coffee and teas to organic bath products, salsas, and hot sauces with a twist — curated furniture — by Globe Business client and merchants from partner organizations such as the Arel Business Club, DTI Negosyo Centre Entrepreneur's Organization, and Let's Eat Para

Shoppers participating in the live stream event stand to get exclusive promos and discounts from the featured SME. They can expect convenient and safe transactions as participating businesses have GCash accounts

It's going to be a merry Christmas in '21

The suggestion to relax the rules was forwarded amidst fear of spiking coronavirus infections in many countries

It's the most wonderful time of the year, indeed!

Business groups, medical experts, and the government will ponder ways to relax lockdowns and social distancing measures to allow families to get together during the Christmas season via the "Safe Spaces" campaign through a "micro-herd immunity" strategy.

"In an establishment that becomes a safe space, it is suggested that its operational capacity shall be back from the current 50 percent to close to full capacity. Micro-herd immunity and safe spaces are approaches that are also aligned with Fr. Nicanor Austria's proposal of achieving herd immunity in all levels of society," Presidential Adviser for Entrepreneurship and Go Negosyo chair Joey Concepcion said.

Austria is a Filipino-American molecular biologist and Catholic priest and a fellow of the University of the Philippines-OCTA Research, which is involved in pandemic management for the Philippines.

The suggestion to relax the rules was forwarded amidst fear of spiking coronavirus infections in many countries. Concepcion said the group would meet tomorrow to discuss the proposal to have a safer and happier Yuletide this year.

Our roadmap in economic recovery will also be the highlight in this town hall.

The town hall zoom conference will discuss several proposals and approaches that would enable the private sector to achieve "micro-herd immunity" by vaccinating 80 percent of the participants' employees to transform their establishments into safe spaces.

Secretary of Health and Inter-Agency Task Force for the Management of Emerging Infectious Diseases (IATF-EID) chair Francisco Duque III and Office of the Cabinet Secretariat Secretary and IATF-EID co-chairperson Karlo Nograles are expected to grace the conference to discuss strategies the private sector could integrate into its roadmap, among others.

"Our roadmap in economic recovery will also be the highlight in this town hall. We will give a picture of how our economy could move as we achieve population protection and herd immunity may be at the end of the year. If we hit that, then there's a higher chance for us to fully open the economy, and we'll have a merrier Christmas and a better New Year 2022," Concepcion added.

Go Negosyo's Let's Go Bukana Town Hall Webinar entitled, "How to Achieve a Merry Christmas and Better New Year 2022" will also

be joined by local and foreign infectious disease experts, national and local government unit leaders, and business executives to share their perspectives, best practices, and insights on the safest way to achieve population protection, resumption of business operations and in-person gatherings, and the sustainable reopening of the economy towards a merrier Christmas and a great new year in 2022.

The event aims to welcome more than 3,000 attendees on Zoom, including Go Negosyo's A Dose of Hope Vaccine Initiative partners; Go Negosyo mentors; micro, small, and medium enterprise (MSME) communities; business organizations; professionals; academics; industry leaders; representatives from industries that have been deeply affected by the pandemic; and the general public.

"We want this town hall webinar to be the start of a series of webinars that would lay out the various tasks of the private sector. Through this approach, we could continue the exchange on how we can open the economy in the safest way possible and see how experts from the public and the private sector evaluate these suggestions. A public-private partnership has sustained us throughout this pandemic, and I think that it will be the same approach that would save us from it," according to Concepcion.

HAPPY ATENGO

boi BOARD OF INVESTMENTS

NOTICE

Notice is hereby given that **FILINVEST-ENGIE RENEWABLE ENERGY ENTERPRISE, INC.** is applying for registration with the Board of Investments (BOI) as **Renewable Energy Developer of Solar Energy Resources [2.837MWp / 2.310MW Festival Mall Solar Rooftop Project]**, with project location at the Festival Supermall Alabang, Commerce Avenue, Filinvest Corporate City, Alabang, Muntinlupa City, to avail of the incentives under the Renewable Energy Act of 2008 (R.A. No. 9513).

Any person with valid objection/s on the above-mentioned project may file his/her objection in writing, under oath, with the BOI **within three (3) days** from the date of this publication/posting.

Digitally signed by
RAQUEL B. ECHAGUE
OIC-Director
Resource-Based Industries Service

Digitally signed by
RAQUEL B. ECHAGUE
OIC-Director
Resource-Based Industries Service

Integrity & Confidentiality: This document is signed and sealed using a secure digital signature. For more information, please visit: <http://www.boi.gov.ph> Social Media Accounts: @BOIPhilippines



Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
DENR Compound, Visayas Avenue, Diliman, Quezon City 1116
Tel. Nos. (832)827-1517, 928-3725; Fax No. (832)928-2258
Website: www.emb.gov.ph Email: recordco@emb.gov.ph



NOTICE OF PUBLIC HEARING

On the **ENVIRONMENTAL PERFORMANCE REPORT AND MANAGEMENT PLAN (EPRMP)** of the proposed **6X135 MW CIRCULATING FLUIDIZED BED COAL-FIRED POWER PLANT EXPANSION PROJECT** of the **FDC MISAMIS POWER CORP.** located in **PHIVIDE INDUSTRIAL ESTATE, BARANGAYS TAMBONG and BALACANAS, MUNICIPALITY OF VILLANUEVA, PROVINCE OF MISAMIS ORIENTAL.**

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Municipality of Villanueva, Province of Misamis Oriental

For more details, please contact the EIAMD Division at this Office at telephone number 8920-2240 to 41 and look for the project case handlers **Engr. Dexter Tabada** and **Engr. Carlo Vic Arida, EnP.**

Protect the environment... Protect life...

Annex 3

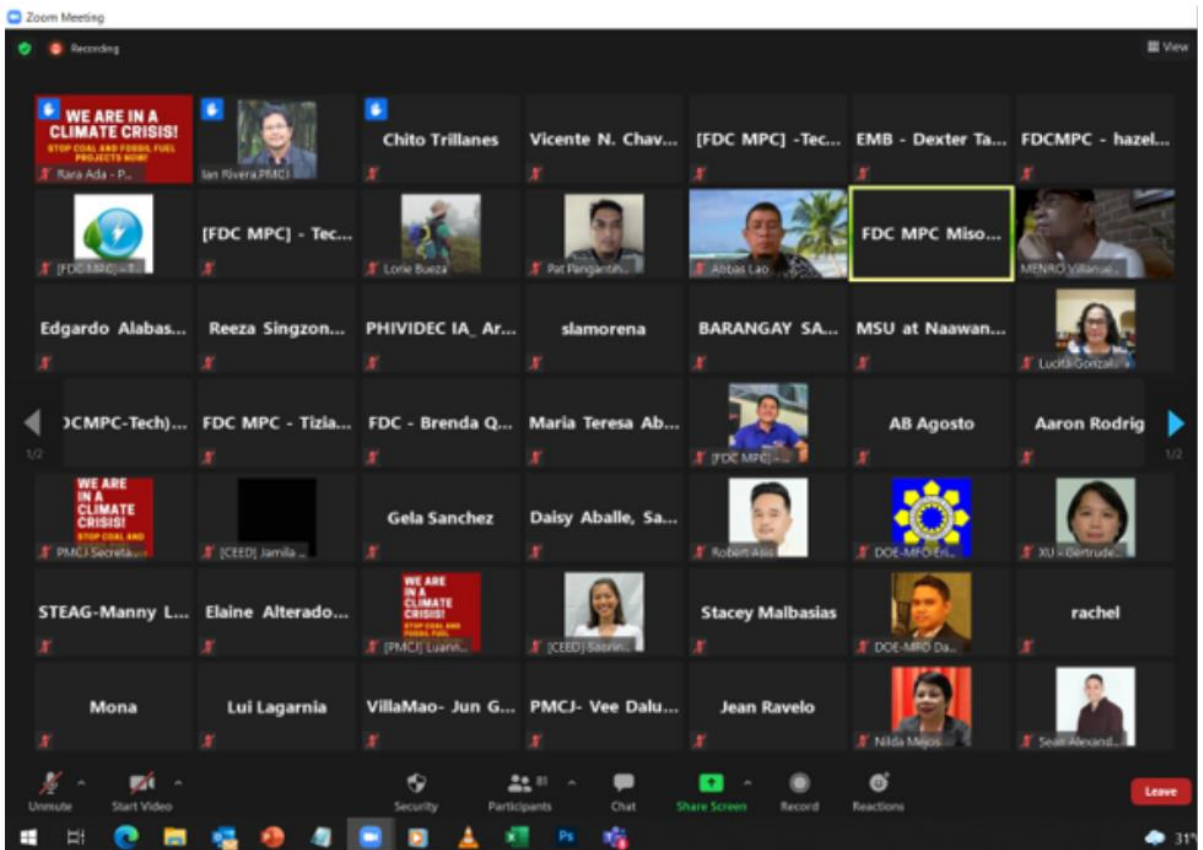
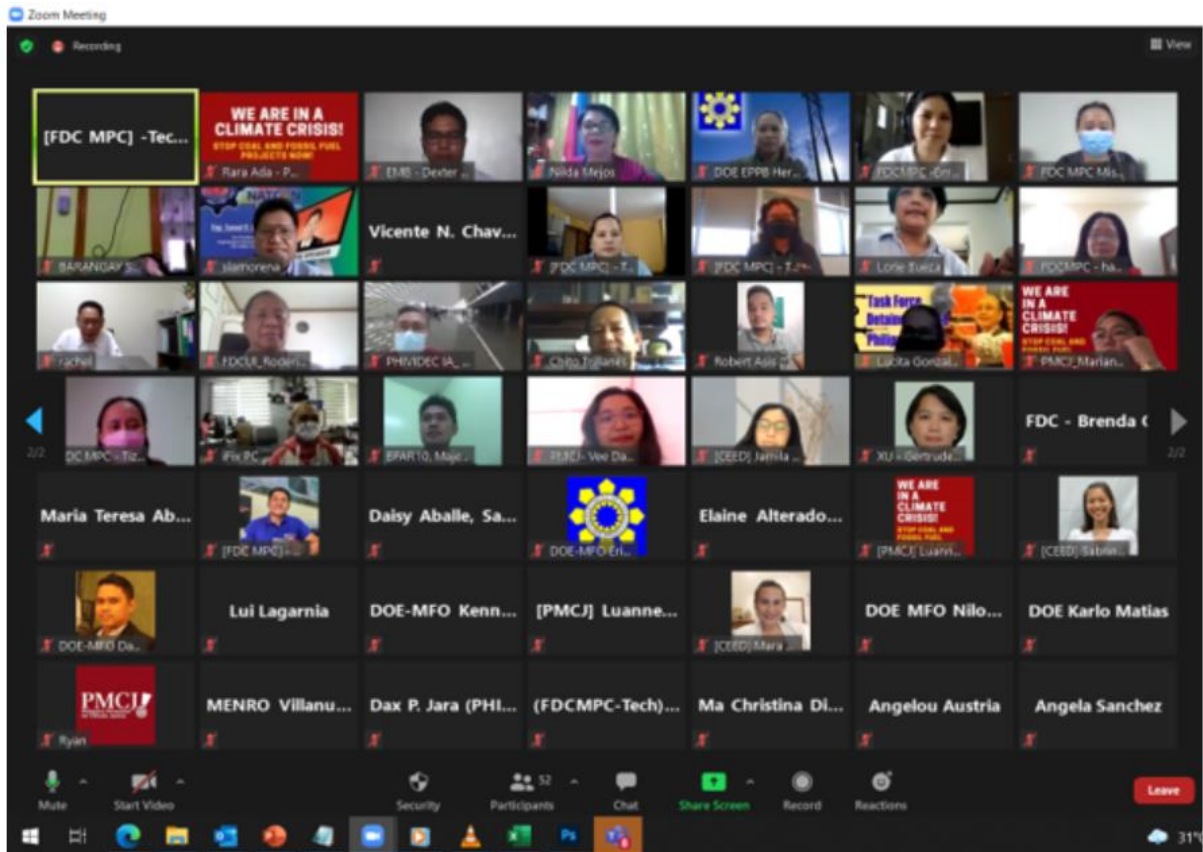
ATTENDANCE OF STAKEHOLDERS

Via Zoom conferencing

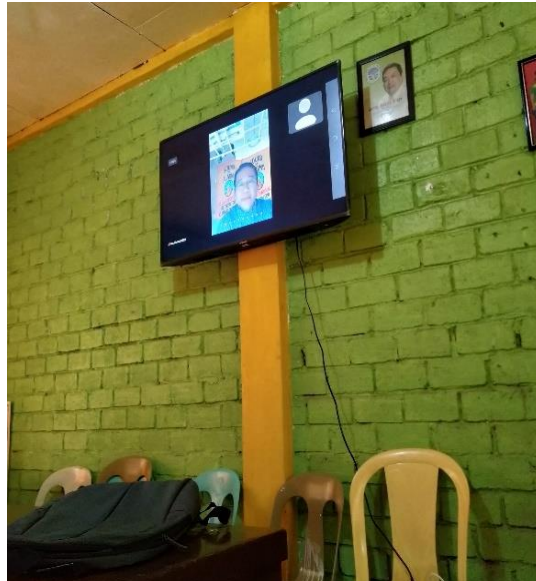
List of Attendees via Zoom

	Attendees Name	Affiliation
1	Engr. Dexter Tabada	EMB Central Office
2	Engr. Carlo Vic Arida	EMB Central Office
3	Atty. Abbas Lao	EMB Region 10
4	Lou Ann Villanueva	
5	Aaron Rodrigo	
6	AB Agosto	
7	Karen Pinero	BFAR
8	Magenta Cinillo	
9	Chito Trillanes	Philippine Movement on Climate Justice
10	Daisy Aballe	Sanlakas Mindanao
11	Dionil Marcus	
12	Nilo Geroche	Department of Energy-Mindanao Field Office
13	Darwin Galang	
14	Erwin George Uy	
15	Kenneth Concha	
16	Edgardo Permi	SB Villanueva Chair
17	Lyn Altarado	CEED
18	Sabrina	CEEEd
19	Gela Sanchez	
20	Ian Rivera	Philippine Movement on Climate Justice
21	Jam Padro	
22	Jean Ravelo	
23	Joel Salcedo	
24	Lilia Ello	
25	Rosita Gonzales	PMCJ Mindanao
26	Louie Lagarnia	
27	Maria Ana Ello	
28	Maria Teresa Absin	
29	Jose Oliver Ello	MENRO Villanueva
30	Pedro Arnel YU	MENRO Tagoloan
31	Ms. Monna	
32	Remoiur Abrea	Mindanao State University - Naawan
33	Nelda Mejos	DepEd Misamis Oriental
34	Pat Pangantihon	Philippine Movement on Climate Justice
35	Vida Lumbar	
36	Marian Ezra	
37	Rara Ada	Philippine Movement on Climate Justice
38	RC Perolino	
39	Reeza Singson	Philippine Movement on Climate Justice
40	Robert Asis	
41	Ryan	Philippine Movement on Climate Justice
42	Sean Alexander Merano	
43	SL A Morena	
44	Stacey Malbacias	
45	Manny Leuterio	STEAG
46	Vicente N Chavez	
47	Hershey Dela Cruz	Department of Energy
48	Eric	DOE-MFO
49	Lucita Gonzales	
50	Jun Gore	VillaMao
51	Gertrude Garcia	Xavier University
52	Cyril Cambalon Jr	
53	Majen	BFAR-10
54	Kenneth	Department of Energy-Mindanao Field Office
55	Dax Jara	PHIVIDEC

	Attendees Name	Affiliation
56	Elaine Alterado	
57	Kimberley Cabunoc Burios	
58	Kimberly Burias	
59	Oskar Cruz	
60	E Rehal	
61	MENRO LGU Staff	
62	Jovenil Jabiniao	
63	Karlo Matias	
64	Angelou Austria	
65	Baragnay Mohon	
66	Barangay San Martin	
67	Barangay Balacanas	
68	Benjamin Francisco	Preparer - Technotrix
69	Jean Ravelo	Preparer - Technotrix
70	Lorelie A. Bueza	Preparer - Technotrix
71	Edgardo G. Alabastro	Preparer - Technotrix
72	Rachel Dinglasan	Preparer - Technotrix
73	Analiza Miso	FDC Misamis Power Corpoproration
74	Brenda Quimon	FDC Misamis Power Corpoproration
75	Emmanoelle Feliciano	FDC Misamis Power Corpoproration
76	Hazel Alvarez	FDC Misamis Power Corpoproration
77	Kenneth Fernandez	FDC Misamis Power Corpoproration
78	Kim Orquilla	FDC Misamis Power Corpoproration
79	Christine Janolino	FDC Misamis Power Corpoproration
80	Lea Loren Sacay	FDC Misamis Power Corpoproration
81	Luis Lagamia Jr	FDC Misamis Power Corpoproration
82	Atty. Renato Vehemente	FDC Misamis Power Corpoproration
83	Roderick Fernandez	FDC Misamis Power Corpoproration
84	Roy Perolino	FDC Misamis Power Corpoproration
85	Samantha Balidias	FDC Misamis Power Corpoproration
86	Samuel Lamorena	FDC Misamis Power Corpoproration



Pictures from Public Hearing in Host Barangays



**FDC**Misamis Power Corporation
A SUBSIDIARY OF FDC UTILITIES, INC.**PUBLIC HEARING ON
FDC MISAMIS POWER CORP EXPANSION PROJECT**

BRGY. TAMBOBONG, Villanueva, Mis. Or

18-Jul-21

#	NAME	DESIGNATION	SIGNATURE
1	Hon. Rogelio D. EYO	Planning, Pinarangan	[Signature]
2	Hon. Rogelio C. Flores	Pinarangan, Kapanaganan	[Signature]
3	Hon. David Saderanga	Pinarangan, Kapanaganan	[Signature]
4	Hon. Kimberly C. Durice	St. Christopher	[Signature]
5	Mr. Archie B. Paig	Parangal Secretary	[Signature]
6	Gloria Joy R. Omandan	PRK	[Signature]
7	Reconardo E. Oday	PHW	[Signature]
8	Emilyn H. Managbanay	PHW	[Signature]
9	ROMALYN R. DILAS	BHW	[Signature]
10	Erg B. Sumicad	Purok-3 Leader	[Signature]
11	Fe D. Equacion	BHW	[Signature]
12	EVELYN M. KAWINDO	BHW	[Signature]
13	Priscilla P. Canencia	PHW	[Signature]
14	Marina J. Sinjara	CDW	[Signature]
15	Cutayan, Francisca N.	BHW	[Signature]
16	Pelilioh Macalagos	PHW	[Signature]
17	Dominic P. Macalagos	PURUK LEADER	[Signature]
18	BHONES, MEL ANDRICK R.	PHW	[Signature]
19	LINDA F. ELW	PHW	[Signature]
20	CRISTINA E. DINGIT	BHW	[Signature]
21	Wilma A. Rao	PHW	[Signature]
22	Fidelmark C. Durice	PHW	[Signature]
23	Gyulia D. Zalva	PHW. UTILITY	[Signature]
24	Heraruo O. Flores	PHW	[Signature]
25	Karlo Balatuo	PHW	[Signature]
26	Maikim N. Nangay	PHW	[Signature]
27	Kyle D. HAN	PHW	[Signature]
28	Person P. Nangay	PHW	[Signature]



Misamis Power Corporation
A SUBSIDIARY OF EDC UTILITIES, INC.

**PUBLIC HEARING ON
FDC MISAMIS POWER CORP EXPANSION PROJECT**

BRGY. TAMBOBONG, Villanueva, Mis. Or

16-Jul-21

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Annex 4

POWERPOINT PRESENTATION



PUBLIC HEARING Proposed 6 x 135 MW Circulating Fluidized Bed Coal-Fired Power Plant Project

July 16, 2021 via Webinar (Zoom)
Meeting ID: 959 6808 9150
Passcode: 8M32hc

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**Harnessing Energy.
Empowering Communities.**

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PUBLIC HEARING PROGRAM

Time Allotted	Program of Activities	Person Responsible
8:00-9:00 AM	Registration	Technetrix
	Opening Prayer	Technetrix
9:00 – 9:30 AM	National Anthem	Technetrix
	Welcome Remarks	HON. REGENE ELLO Sarangay Chairman, Tambobong
	Introduction of Participants	Engr. DEXTER TABADA / Ms. ANA MISQ
9:30 – 9:45 AM	Briefing and Orientation on the purpose of the public hearing and the Philippine ES System	ENGR. DEXTER TABADA Case-Handler DENR-EMB Central Office
	Presentation of House Rules on the Conduct of the Public Hearing	ATTY. ABAS LAO Hearing Officer DENR-EMB Region 10
9:45 – 10:00 AM	Presentation of Company Overview and Proposed Project	MS. ANA MISQ Community Relations Officer FDCMPC ENGR. ROY PEROLINO Manager, Operations FDCMPC
10:00 – 10:30 AM	Presentation of EIA Study Results	Dr. EDUARDO G. ALABASTRO Team Leader – Preparer Technetrix Integrated Services Corp.
10:30 – 11:15 AM	Open Forum	ATTY. ABAS LAO Hearing Officer DENR-EMB Region 10
11:15 – 11:45 AM	Recapitulation of issues raised and the proponent's response	ENGR. DEXTER TABADA Case-Handler DENR-EMB Central Office
11:45 – 12:00 NN	Closing Remarks, and Next Steps in the EIA Process	

2



Opening Prayer

3



National Anthem

4



Introduction of Participants

5

Welcome Remarks

6

Presentation of EMB on Philippine EIS System and Public Hearing

7



Presentation Outline

- **Company Overview – FDC Misamis Power Corporation**
- **Project Impacts and Benefits of the FDC Misamis Coal Plant**
 - Corporate Social Responsibility Programs
 - Benefits to Host Communities
- **Proposed Power Plant Expansion Project Presentation**
 - Project Rationale
 - Project Description
 - EIA Results and Performance Monitoring
 - Project Impacts and Mitigation Plan

8





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Company Overview

FDC Misamis Power Corporation is part of the Filinvest Group, one of the leading conglomerates in the Philippines with interests in property, banking services, infrastructure, sugar and power.

FILINVEST



FDCMPC currently owns and operates a 3 x 135 MW circulating fluidized bed (CFB) coal-fired power plant in Villanueva, Misamis Oriental and granted by the DENR Central Office an **Environmental Compliance Certificate ECC No. ECC-CO-1304-0012**.

FDC MPC has existing contracts with 17 distribution utilities and 1 industrial customer in Mindanao.

Since the commercial operation of the FDCMPC power plant in 2016, Mindanao has shown strong economic growth, faster than the national average, and with this comes increased energy requirements necessary to sustain this development.

To contribute to the region's continued development, FDCMPC is proposing to expand its current facility with Units 4, 5 and 6 or an additional 3 x 135 MW power generating units.

The total capacity of the expanded project will be 6 x 135 MW



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Hollow Block Production, Entrepreneurship Program, SKILLS Training with TESDA

Economic Enrichment



12



ALGCIT TechVoc School Program, Virtual Reading Program, Brigada Eskwela



Education for Empowerment

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FDC Misamis EMBRACE Program, DRR Training



Environmental Stewardship

14

Mangrove Planting & Coastal Cleanup, Adopt-an-Estero Program, Carbon Sink Program



Environmental Stewardship

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ER 1-94: Benefits to Host Communities

• Breakdown of Benefits:

- DLF and RWMHEEF (50%)
 - Host Province (30%)
 - Host Municipality (35%)
 - Host Barangay (20%)
 - Host Resettlement (15%)
- Electrification Fund (50%)
- Use of Funds for COVID Program allowed by the DOE



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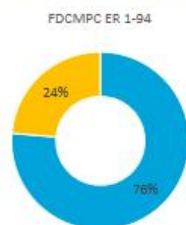
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Financial Benefits to Host Communities



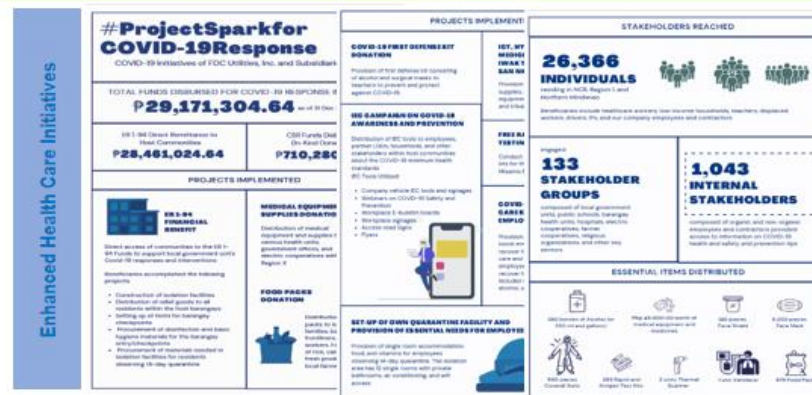
Total Real Property Tax Paid since 2017: PhP 910.58 Million

**Total ER 1-94 funds since 2016:
PhP 66.13 Million**



- ER 1-94 Funds Available for Host Communities Use
- Funds Used for Covid Response

COVID Response



Medical Missions, Provision of Handwashing facilities, Summer Palos



#ProjectSparkToFightCovid19: Provision of Alcohol and Food Supplies to Host LGUs' Front-liners



ER 1-94: Benefits to Host Communities



Electrification fund for the period 2018 - 2019.

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ER 1-94 Projects Implemented by Host LGUs



Construction of isolation facilities & installation of tents
Barangays Tambobong and Balacanas

Distribution of Relief goods
Barangays Tambobong, Balacanas and Sta. Cruz

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Project
Presentation

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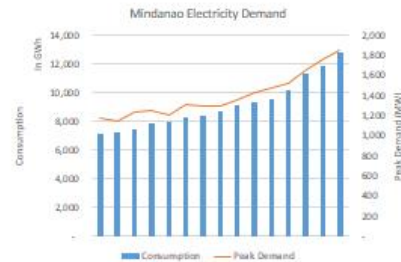
Basic Project Information

Name of Project	Proposed 6 x 135 MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion Project
Location	Barangays Balacanas and Tambobong, Municipality of Villanueva, Province of Misamis Oriental
Nature of Project	ECC Amendment
Existing ECC	Power Plant: ECC-CO-1304-0012 (For the 3 Existing Units) Transmission: ECC-R10-1307-0165
Size/Scale	6 X 135 MW Existing: 3 X 135 MW Expansion: 3 X 135 MW
ECC Status	ECC Amendment – EPRMP

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PROJECT RATIONALE

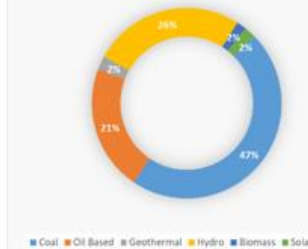
- FDCMPC is planning to expand its current operations to address the need for additional power in Mindanao. The proposed expansion will contribute to the region's electric power supply.
- The need for additional supply is in support of the robust economic development in the region. Gross regional domestic product in Mindanao has been above 7% in 2017 and 2018.
- For the past three years, the average growth in peak demand in the Mindanao is the highest among the three island grids with consumption growth rate at 8%.



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PROJECT RATIONALE

Mindanao Capacity Mix (2020)



In the High Growth Scenario, Mindanao's on-grid peak demand increases at **5.6 % annually** from 1,760 MW in 2017 to 2,364 MW in 2020, 5,916 MW in 2030 and 14,575 MW in 2040.

- Mindanao Energy Plan 2018 to 2040

Figure 25. MINDANAO PEAK DEMAND, 2018 - 2040 (High and Low)

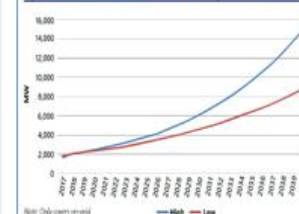


Table 56. SYSTEM PEAK DEMAND, MW

Year	High Growth	Low Growth
2017	1,760	1,760
2018	2,085	2,084
2020	2,364	2,226
2025	3,895	3,163
2030	5,916	4,416
2035	9,280	6,171
2040	14,575	8,632
Average Annual Growth Rate (%) (2018-2040)	5.6	2.1

Note: Only cases on-grid.

2020 Capacity Mix for Mindanao
Source: DOE, as of March 2021

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PROJECT DETAILS

- Expansion project located inside the current location of the existing FDC Misamis Coal-Fired Power Plant
- Technology: Circulating Fluidized Bed Coal Fired Power Plant
- Estimated Project Cost: Between Php 20 - 30 Billion

Estimated Project Timeline

Pre-construction activities (permitting and studies) – ongoing

Project implementation – as soon as ECC and other permits are in place

Commercial operation – three years after start of construction

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Project Site and Accessibility Map



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Aerial Photographs of Project Site



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PROJECT DESCRIPTION

Existing Facilities	Additional Facilities
A. PROJECT AREA	
84 hectares (Including foreshore area)	Existing project site with foreshore area Additional 3 has in adjacent lot for coal conveyor Development of additional 9 has for coal yard (inside the existing 84 has) Total: 87 hectares
B. MAJOR COMPONENTS	
3 x 135 MW Circulating Fluidized Bed (CFB) Boilers Steam conditions at turbine inlet/ ≥240 bar, @ 593°C	Additional 3 x 135 MW CFB Boilers Total 6 x 135 MW Same steam conditions
Three (3) sets steam turbines and electric generators	Additional 3 Steam Turbines and Electric Generators
Covered Coal Storage Yard (15 hectares active area)	Same storage yard active area
In-plant coal distribution system i.e., covered conveyors, capacity of 167,500 MT for 30 days	Additional covered conveyors for total capacity (existing and additional) of 204,800 MT for 19 days
15 has. Ash Repository	Additional 9 has. Ash Repository Total: 24 has
Jetty (For 55,000 DWT Vessel)	Same Jetty (55,000 DWT Vessel)

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PROJECT DESCRIPTION

Existing Facilities	Additional Facilities
Major Components	
Air Pollution Control Devices	
3 Electrostatic Precipitators (ESPs) - 1 set each per unit	Additional 3 sets of ESPs Total of 6 sets for both existing original and expansion projects
Wastewater Treatment Plant (WWTP) Capacity of 30 tph	Same type of WWTP with additional capacity of 33 tph for a total of 63 tph
River Water Pumping Station with capacity of 2x120 tph	Same facility, pumps will be upgraded to 2x190 tph
Raw water treatment plant with capacity of 2x100 tph	Same raw water treatment plant with additional of 3x80 tph Total capacity for original and expansion plant of 440 tph
Access Road	
1250 meter long and 12m average width	Additional plant roads with added 610 m long and 6m average width

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MAP OF FACILITIES (Existing and Proposed Expansion)



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PROJECT ALTERNATIVES

ALTERNATIVE OPTIONS

SITE SELECTIONS

The existing area/site is the most strategic area considering the land for the plant site is already existing and developed, same access road will be utilized and major components will be located in the same project area. The site is accessible to land and water transport.

PROCESS / TECHNOLOGY SELECTION

Inasmuch as the project involves expansion and moreover in view of the successful existing operations of the original project (3 x 135 MW CFB Coal Power Plant), it is logical to adopt the same process and technology as that for the original project.

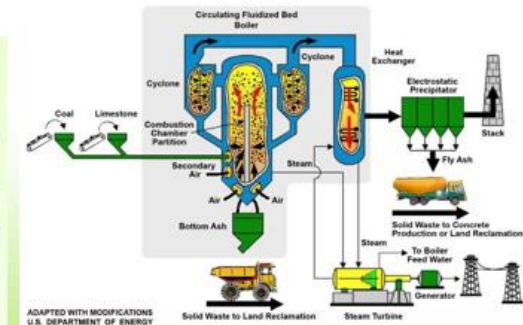
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PROCESS TECHNOLOGY

Process Flow

- Built-in pollution control measure
- Sulfur is captured and removed during the combustion process
- Low furnace temperature results to low NOX emissions
- High combustion efficiency leads to lesser CO emissions
- Fuel flexibility: can handle low to high quality fuels



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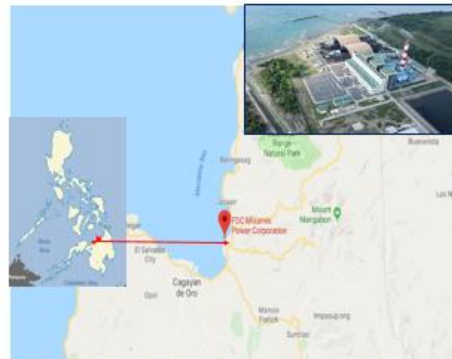


RESULT OF EIA AND PERFORMANCE MONITORING

EIA STUDY AREA

The EIA study area consist of the 87 has. property of FDC Misamis Power Corp. for the existing and expanded power plant and auxiliaries.

The Project will acquire an additional area of 3 hectares for the conveyor system and will develop 9 hectares for the coal yard inside the original leased area.



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RESULT OF EIA AND PERFORMANCE MONITORING

THE IMPACT AREAS

Delineation of Impact Areas

Direct Impact Area (DIA)

- The project site itself.
- Portions of the Macajalar Bay where the existing and additional cooling water intake and outfall structures and the pier are located;
- A portion of the Tagoloan River where the river water intake and piping structures are located
- The plume of air pollution discharges from the plant's boilers wherein the Ground Level Concentrations (GLCs) exceeds the Clean Air Act Guidelines.

The Indirect Impact Area (IIA)

- The population and social centers which are outside the air dispersion plume i.e. the Environmentally Sensitive Receptors (ESRs)
- PHIVIDEC-owned access road leading to the project site



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RESULT OF EIA AND PERFORMANCE MONITORING

THE IMPACT AREAS (Barangays)

Direct Impact Barangay

MAJOR POTENTIAL IMPACTS	IMPACT BARANGAYS
Disturbance of existing access/haul roads	Sta. Cruz, Tagoloan
Degradation of air quality	San Martin and Balacanas, Villanueva Sta. Cruz and Baluarte, Tagoloan
Generation of solid and domestic wastes	Tambobong, Balacanas and Kirahon, Villanueva

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RESULT OF EIA AND PERFORMANCE MONITORING

THE IMPACT AREAS (Barangays)

Indirect Impact Areas

MAJOR POTENTIAL IMPACTS	IMPACT BARANGAYS
Potential water resource competition	Sta. Cruz, Tagoloan (Fresh Water) Balacanas, Villanueva (Sea Water)
Normal vehicle movements impact (noise, vibration) on properties of the households residing along the haul and access roads for the proposed project.	Sta. Cruz, Tagoloan
Depletion of groundwater & degradation of quality	Not applicable
Threat to public health and safety	Tambobong and Balacanas, Villanueva
The host barangay/municipality which will benefit from the Company's SDMP & ER 1-94	SDMP: 11 Barangays in Villanueva 10 Barangays in Tagoloan ER 1-94: Brgys. Tambobong and Balacanas (Villanueva), Sta. Cruz (Tagoloan); Municipalities of Villanueva and Tagoloan; Province of Misamis Oriental; Region 10

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KEY EIA STUDY MODULES



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RESULT OF EIA AND PERFORMANCE MONITORING – LAND

LAND USE and CLASSIFICATION

Impacts and Assessment on the Project Site

IMPACTS

COMPATIBILITY WITH CLASSIFICATION AS AN ENVIRONMENTALLY CRITICAL AREA (ECAs)

ASSESSMENT

- No known protected area within or near the project site. Moreover, other industrial establishments are located within the PHIVIDEC Industrial Estate. In the implementation of the original project, no issues have been raised in respect of ECAs.
- The Project is compatible and does not conflict with this ECA because of the distance (34.1 km) from each other.

EXISTING LAND TENURE ISSUE/S

- No land tenure issues since the expansion project will be constructed within the established property of the FDC Misamis Power Plant.
- The project site is in an industrial estate.
- No CADT / CADC / CALC AND CALT.

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RESULT OF EIA AND PERFORMANCE MONITORING – LAND

LAND USE and CLASSIFICATION Impacts and Assessment

IMPACTS

IMPAIRMENT OF VISUAL AESTHETICS

SETTLERS

RIGHT-OF-WAY (ROW)

DEVALUATION OF LAND VALUE DUE TO IMPROPER SOLID WASTE MANAGEMENT AND OTHERS

ASSESSMENT

- Visual aesthetics will not be impaired since there are already units operating on the Property of the FDC Misamis Power Plant.
- No issues on settlers for the expansion project.
- No ROW issues for the power plant site. ROW will be relevant to the transmission line component of the project which, however, is not included in this EIA for the purpose of securing an ECC.
- As a locator, FDCMPC is duty bound to avoid devaluation of the land value of PHIVIDEC.
- FDCMPC has an existing solid waste management system consistent with LGU SWM

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RESULT OF EIA AND PERFORMANCE MONITORING – LAND

GEOLOGY/ GEOMORPHOLOGY

Change in Surface Landform/ Topography/Terrain/Slope

- The project site sits on the deltaic plain of Tagoloan River, specifically on the northern side about 323m from the mouth. This deltaic plain has a very flat topography (0-3% slope) and becomes gently rolling as it goes farther from the river.
- There are no planned changes in surface landform and topography. Furthermore, it will not cause alterations to the hydrologic conditions of affected slope. Similarly, there will be no impact to the physical configuration of the nearby creek.
- Project site has been previously developed



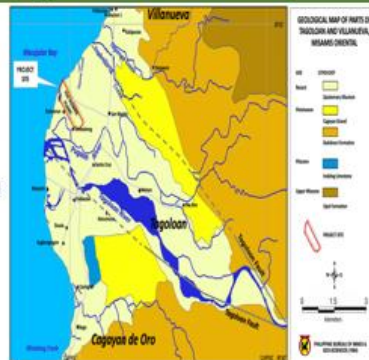
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RESULT OF EIA AND PERFORMANCE MONITORING – LAND

GEOLOGY/ GEOMORPHOLOGY

Change in Sub-surface/ Underground Geomorphology

- Site Geology: Land area is wholly underlain by Quaternary Alluvium. This is composed of unconsolidated silt, sand, and gravel on a generally flat to very gently sloping area.
- Nearest Active Fault: Tagoloan Fault, which is located approximately 4.2km from the plant, is considered as Type C fault.
- No significant changes in subsurface geology nor underground conditions.
- The proposed modification of the project will only entail minimal land clearing (area is flat, open grassland) and expansion of the current project footprint.



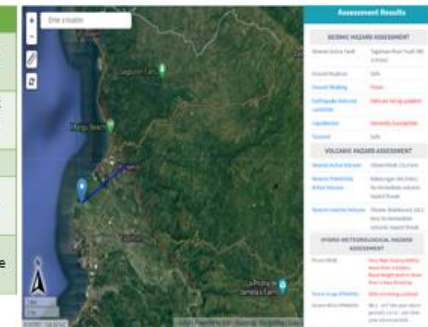
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RESULT OF EIA AND PERFORMANCE MONITORING – LAND

GEOLOGY/ GEOMORPHOLOGY

Inducement of Hazards

GEOHAZARD	ASSESSMENT
Seismic Hazard	Nearest active fault is the Tagoloan River Fault located approximately 4.2km to the northeast
Volcanic Hazards	nearest active volcano is Mt. Hibok-Hibok located 72.4 km to the north. There is no volcanic hazard threat
Flood Hazard	The area is susceptible to flooding.
Landslide Hazard	The project site's susceptibility to earthquake-induced landslides is none to low as it is sitting on a flat terrain.
Tsunami Hazard	The area is said to be prone to tsunami due to offshore earthquakes or submarine landslides.



Hazard Assessment Map of Project Site

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RESULT OF EIA AND PERFORMANCE MONITORING – LAND

TERRESTRIAL ECOLOGY

- There have been no significant concerns on disturbances of floral and faunal species as the site for the expansion project is already well developed and devoid of significant forest covers, important vegetation and wildlife communities.



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RESULT OF EIA AND PERFORMANCE MONITORING – LAND

MAJOR IMPACTS and OPTIONS FOR MITIGATION CONSTRUCTION PHASE

MAJOR IMPACTS

- Change in landform
- Disturbance of floral ecology
- Generation of Domestic and Solid Wastes from construction workers.

OPTION FOR MITIGATION

- Nil to Minimal. Land already developed; flat terrain
- Avoidance of tree cutting or disturbance to the extent possible especially when endangered species may be affected.
- Monitoring of contractors and their compliance to RA 9003.
- Use of accredited third-party contractors specializing in solid waste and garbage disposal.
- No major hazwastes generated; for minor generation of hazwastes, e.g. spent electronics, batteries, etc. Ensure to follow proper segregation and disposal protocol. FDCMPC will ensure that the contractor to follow.

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RESULT OF EIA AND PERFORMANCE MONITORING – LAND

MAJOR IMPACTS and OPTIONS FOR MITIGATION CONSTRUCTION PHASE

MAJOR IMPACTS

- Generation of spent non-hazardous solid wastes (steel, wood, etc.).

OPTION FOR MITIGATION

- Disposal by third party.
- Good waste disposal and management practice under RA 9003 for garbage, ultimately to materials recovery facility, as well as HSSE policy of FDCMPC will be followed by the contractor.
- Segregation, temporary storage of non-hazardous construction wastes, disposal to third-party users, e.g., for house repairs of residents or junk operators.

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RESULT OF EIA AND PERFORMANCE MONITORING – LAND

MAJOR IMPACTS and OPTIONS FOR MITIGATION OPERATIONS PHASE (Expansion Project)

MAJOR IMPACTS

- Generation of minimal amount of hazardous wastes (spent electronic parts, batteries, etc.).
- Generation of bottom and fly ash

OPTION FOR MITIGATION

- Disposal by TSD entity.
- DAO 29 Series of 1992 The IRR of RA 6969 shall be observed.
- Certification by third party treatment contractor of ultimate disposal. Ensure that contractor complies with RA 6969.
- Proper disposal process of bottom and fly ash by disposing directly of the Bottom ash to repository pond; Fly ash substantially collected by 3rd party user per existing and proposed agreement, the uncollected fly ash were disposed in the repository pond.

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RESULT OF EIA AND PERFORMANCE MONITORING – WATER

COASTAL / MARINE WATER QUALITY

Six (6) monitoring stations where established within Macajalar Bay and Tagoloan River

Station	Location
Station 1	Macajalar Bay N 8180612.503774; E 11795600.759068
Station 2	Macajalar Bay Station No. 2 N 8180612.503774; E 11795600.759068
Station 3	Macajalar Bay Station No. 3 N 8180612.503774; E 11795600.759068
Station 4	Macajalar Bay Station No. 4 N 8180980.633559; E 11796204.985285
Station 5	Tagoloan River Upstream N 8181867.558214; E 11793454.082825
Station 6	Tagoloan River Downstream N 8181600.634597; E 11794107.006988



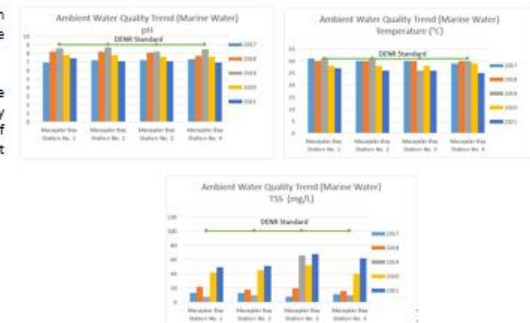
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RESULT OF EIA AND PERFORMANCE MONITORING – WATER

COASTAL / MARINE WATER QUALITY

Result of Ambient Water Quality Monitoring from 2017 to 1st Quarter of 2021

- Graphs show that the samples taken from the monitoring stations are compliant with the DENR standard.
- Temperatures were recorded to be within standards. These are key parameters because of discharge of cooling water return to the Bay at elevated temperature



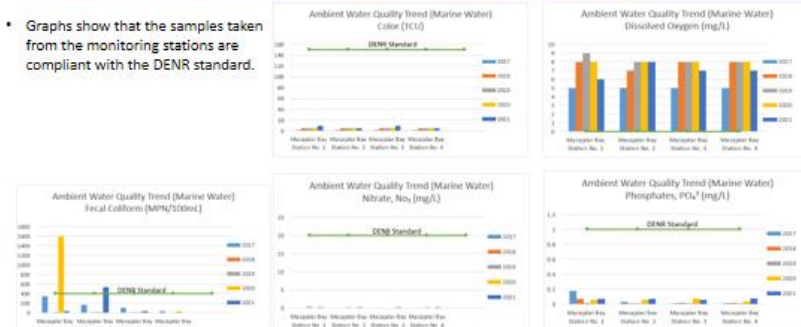
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RESULT OF EIA AND PERFORMANCE MONITORING – WATER

COASTAL / MARINE WATER QUALITY

Result of Ambient Water Quality Monitoring from 2017 to 1st Qtr of 2021

- Graphs show that the samples taken from the monitoring stations are compliant with the DENR standard.



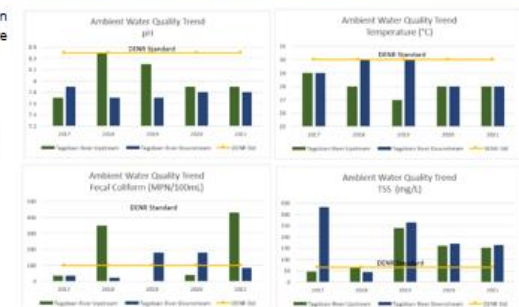
51

RESULT OF EIA AND PERFORMANCE MONITORING – WATER

FRESH WATER QUALITY

Result of Ambient Water Quality Monitoring from 2017 to 1st Qtr of 2021

- Graph show that the samples taken from the monitoring stations were compliant with DENR standards.
- TSS values and fecal coliform were observed to exceed standards; however these were not attributable to the power plant but from effluent from industries and surrounding communities.



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RESULT OF EIA AND PERFORMANCE MONITORING – WATER

FRESH WATER QUALITY

Result of Ambient Water Quality Monitoring from 2017 to 1st Qtr of 2021

- Exceedances in TCU and Dissolved Oxygen for both upstream and downstream sampling stations.
- Other parameters are compliant with DENR standards.



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RESULT OF EIA AND PERFORMANCE MONITORING – WATER

GROUND WATER QUALITY

Result of Ground Water Quality Monitoring from 2017 to 1st Qtr of 2021

Station	Location
Station 1	Ash Yard 1 N 8181447.245441; E 11793422.205953
Station 2	Ash yard 2 N 8181787.993760; E 11792130.886342
Station 3	Ash yard 3 N 8181509.213071; E 11792766.605580
Station 4	Ash yard 4 N 8181867.558214; E 11793454.082825
Station 5	Ash yard 5 N 8181867.558212; E 11793454.082823
Station 6	Ash Yard 6 N 8181867.558214; E 11793454.082825



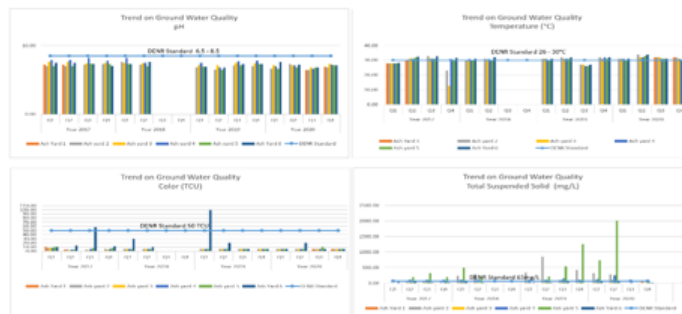
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RESULT OF EIA AND PERFORMANCE MONITORING – WATER

GROUND WATER QUALITY

Result of Ground Water Quality Monitoring from 2017 to 1st Qtr of 2021

The current report shows that all parameters tested within the sampling area are all within the standards set by DENR.



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RESULT OF EIA AND PERFORMANCE MONITORING – WATER

GROUND WATER QUALITY

Result of Ground Water Quality Monitoring from 2017 to 1st Qtr of 2021



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RESULT OF EIA AND PERFORMANCE MONITORING – WATER

MAJOR IMPACTS and OPTIONS FOR MITIGATION CONSTRUCTION PHASE

MAJOR IMPACTS

- Sediment carry overs to Bay during heavy rains

OPTION FOR MITIGATION

- Maintain appropriate setback distances from Macajalar Bay for all construction activities that might increase storm water runoff or cause erosion or sedimentation
- Proper discarding of soil wastes.
- When feasible, avoid working during periods of extreme weather conditions, e.g. heavy wet and rainy conditions in consideration of safety.
- Install drainage ditches and sediment ponds/traps around the construction area to pump out runoff caused by heavy rainfall.

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RESULT OF EIA AND PERFORMANCE MONITORING – WATER

MAJOR IMPACTS and OPTIONS FOR MITIGATION OPERATIONS PHASE

MAJOR IMPACTS

- Abstraction of Tagoloan River Water for Process Use Impact on Stream Flow
- Potential impacts on corals & marine ecology.
- Thermal Effects from Warm Cooling Water Return Discharge.

OPTION FOR MITIGATION

- Optimization of water usage through process design.
- Securing NWRB Permit which will consider impact on stream flow and ensure compliance to the requirements.
- Nil to insignificant impacts, but nevertheless coral and marine ecology will be protected by ensuring no thermal impacts.
- If necessary, revisit process design to further decrease cooling water requirements.

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RESULT OF EIA AND PERFORMANCE MONITORING – WATER

MAJOR IMPACTS and OPTIONS FOR MITIGATION OPERATIONS PHASE

MAJOR IMPACTS

- Water use competition
- Potential seepage of ash leachate to Macajalar Bay.

OPTION FOR MITIGATION

- Secure NWRB Permit for Tagoloan River and ensures no competition.
- Project does not use Macajalar Bay water except for recirculated cooling water.
- Bottom ash to be encapsulated in engineered (with plastic membranes) repository pond.
- Regular monitoring of test wells and reporting in SMRs and to MMTs

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RESULT OF EIA AND PERFORMANCE MONITORING – AIR

AMBIENT AIR QUALITY

The general sampling stations map for Air and Noise monitoring and its coordinates are presented below

FOC Coordinates for Air and Noise		
Station	Location	Coordinates
Station 1	Jetty Area near Transfer Tower 1	Lat 8°33'53"N, Long 124°44'46"E
Station 2	Ash Yard South Side (Near Main Gate)	Lat 8°33'32"N, Long 124°45'13"E
Station 3	Baleteñas Elementary School, Villanueva Misamis Oriental	Lat 8°34'5"N, Long 124°46'33"E
Station 4	Brig. San Martin, Villanueva Misamis Oriental	Lat 8°33'36"N, Long 124°46'5"E
Station 5	Brig. Hall, Sta. Cruz, Tagoloan Misamis Oriental	Lat 8°32'40"N, Long 124°46'7"E
Station 6	Zone 6A, Brig. Baluarte, Tagoloan Misamis Oriental	Lat 8°32'35"N, Long 124°44'35"E



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RESULT OF EIA AND PERFORMANCE MONITORING – AIR

AMBIENT AIR QUALITY

Trends for Air Quality for the last 5 years

- Baseline reports from the SMRs for the periods 2016- 2020* shows that baseline for the metallic and other related parameters are within the standard set by DENR.
- Included in the SMRs are the quality of the emissions from the APSEs and APCFs representing the stack monitoring test reports.



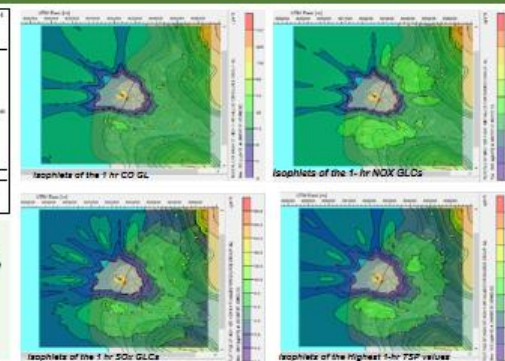
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RESULT OF EIA AND PERFORMANCE MONITORING – AIR

AIR DISPERSION MODELLING

COMPARISON OF THE PREDICTED MONITORING CO, NO₂, SO₂ AND TSP Ground Level Concentration (GLC) WITH THE DENR'S STANDARDS FOR 24-HR AND 24-HR TSP

STATION COORDINATE, N	Average Time	PREDICTED				DENR Standard
		CO	NO ₂	SO ₂	TSP	
1000.000	1000.000	0.00	0.00	0.00	0.00	0.00
1000.000	1000.000	0.00	0.00	0.00	0.00	0.00
1000.000	1000.000	0.00	0.00	0.00	0.00	0.00
1000.000	1000.000	0.00	0.00	0.00	0.00	0.00
1000.000	1000.000	0.00	0.00	0.00	0.00	0.00



- The generated 1-Hr Dispersion Isopleth of criteria pollutants shows that the predicted ambient maximum GLC is within the DENR Ambient standard.

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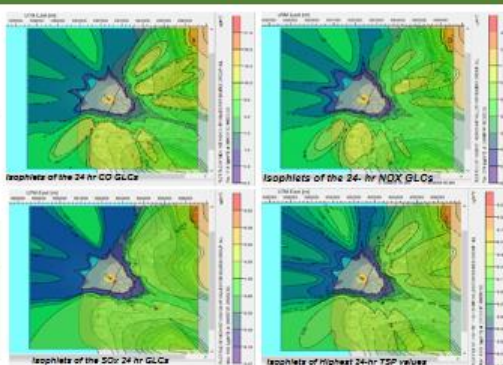
RESULT OF EIA AND PERFORMANCE MONITORING – AIR

AIR DISPERSION MODELLING

COMPARISON OF THE PREDICTED MONITORING CO, NO₂, SO₂ AND TSP Ground Level Concentration (GLC) WITH THE DENR'S STANDARDS FOR 24-HR AND 24-HR TSP

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		CO	NO ₂	SO ₂	TSP	
1000.000	1000.000	0.00	0.00	0.00	0.00	0.00
1000.000	1000.000	0.00	0.00	0.00	0.00	0.00
1000.000	1000.000	0.00	0.00	0.00	0.00	0.00
1000.000	1000.000	0.00	0.00	0.00	0.00	0.00
1000.000	1000.000	0.00	0.00	0.00	0.00	0.00

- The generated 24-Hr Dispersion Isopleth of criteria pollutants shows that the predicted ambient maximum GLC is within the DENR Ambient standard.



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RESULT OF EIA AND PERFORMANCE MONITORING – AIR

AIR QUALITY

Historical Trends of Stack Monitoring

The Historical Trend of Values of Baseline Air Parameters

- The graph show the plot of the measured NOX (as NO2) and SOX (as SO2) from January 1, 2018 to December 31, 2020 using CEMS at the stacks of Units 1, 2, and 3. Measured one-hour average stack gas concentrations of SOX, NOX, CO, O2, PM and OPACITY were generally within the emission standards as shown in the Table.

- Based on FDC MPC records, The observed negative value of the Oxygen in the report was due to the malfunction of the card in the machine. EMB was informed of the incident through notification letters and compliance plan. Corrective measures were made in coordination with the equipment supplier.

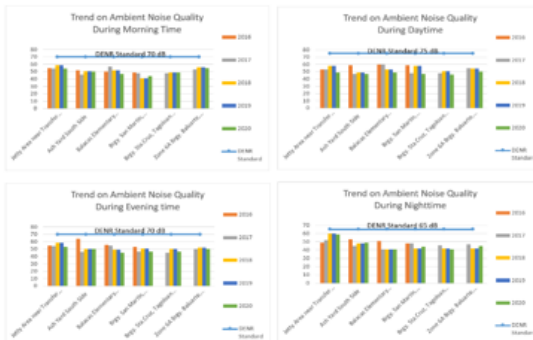


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RESULT OF EIA AND PERFORMANCE MONITORING – NOISE

NOISE QUALITY

- The sound levels at source are compliant with the DENR standards, as measured in various times of the day (nighttime, morning and evening). It is safe to conclude that when the sound waves propagate from source to the ESRs, the tendency is for the noise level to decrease.
- There are no other noise generators between the plant and the ESRs. Further, the sources of the noise, i.e. the various equipment are housed or enclosed in concrete walls.



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RESULT OF EIA AND PERFORMANCE MONITORING – AIR / NOISE

MAJOR IMPACTS and OPTIONS FOR MITIGATION CONSTRUCTION PHASE

MAJOR IMPACTS

- Potential degradation of ambient air quality from use of temporary generators
- Noise from equipment and construction vehicles

OPTION FOR MITIGATION

- Site is energized and generators may only be used on occasion.
- Regular and proper maintenance of generator sets.
- Use of silencers and mufflers for heavy equipment.
- Provision of PPEs to protect construction and plant personnel from noise.
- Maintenance of existing buffer ones around the plant site

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RESULT OF EIA AND PERFORMANCE MONITORING – AIR / NOISE

MAJOR IMPACTS and OPTIONS FOR MITIGATION OPERATIONS PHASE

MAJOR IMPACTS

- Potential degradation of ambient air quality due to operation of coal fired boilers

OPTION FOR MITIGATION

- Used proven CFB technology as evidenced by the years of operation of original project.
- Use of Electrostatic Precipitator
- Ensure regular monitoring of air pollutant emission and ensure that performance is within the DENR standard.

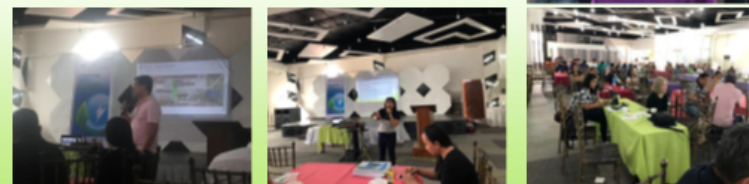
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RESULT OF EIA AND PERFORMANCE MONITORING – PEOPLE

METHODOLOGIES USED FOR GATHERING SOCIOECONOMIC AND DEMOGRAPHIC DATA Information Education and Communication (IEC)

The Information Education and Communication (IEC) activity was conducted last 16 July 2019 at Paula's Hotel, Tagoloan Misamis Oriental.

The IEC was conducted with the objective of preparing for the public scoping process by providing information about the project, the proponent and the scoping process



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RESULT OF EIA AND PERFORMANCE MONITORING – PEOPLE

METHODOLOGIES USED FOR GATHERING SOCIOECONOMIC AND DEMOGRAPHIC DATA Public Scoping Activity

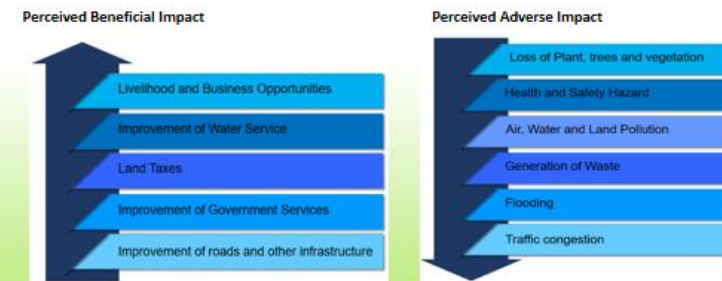


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RESULT OF EIA AND PERFORMANCE MONITORING – PEOPLE

METHODOLOGIES USED FOR GATHERING SOCIOECONOMIC AND DEMOGRAPHIC DATA Perception Survey

Respondents view on the possible beneficial and adverse impacts of the Proposed Expansion of Coal-Fired Power Plant.



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RESULT OF EIA AND PERFORMANCE MONITORING – PEOPLE

MAJOR IMPACTS and OPTIONS FOR MITIGATION CONSTRUCTION PHASE

MAJOR IMPACTS

- Employment and Livelihood Opportunities (Short Term)
- Public Health & Safety

OPTION FOR MITIGATION

- Priority employment of qualified local personnel by Construction Contractor.
- Monitor commitment of EPC contractor on local hiring.
- Coordination with LGU and PESO.
- Implementation of occupational safety and health protocol for construction and plant personnel which FDCMPC already practiced using its HSSE Policy
- Monitoring of safety and health protocols.

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RESULT OF EIA AND PERFORMANCE MONITORING – PEOPLE

MAJOR IMPACTS and OPTIONS FOR MITIGATION OPERATION PHASE

MAJOR IMPACTS

- Benefits from the Company's SDP
- Threat to **public** health, safety and sanitation

OPTION FOR MITIGATION

- Continuing SDP which is also monitored by the MMT.
- Use of APCDs to mitigate air pollution and perceived health outcomes to the public.
- Use of engineered ash repository pond to prevent ash leachates from reaching ground waters.
- Safety aspects relevant during construction period arising from construction works and during operations arising from possible vehicular accidents. This is tied up to FDCMPC HSSE Policy.

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RESULT OF EIA AND PERFORMANCE MONITORING – PEOPLE

MAJOR IMPACTS and OPTIONS FOR MITIGATION OPERATION PHASE

MAJOR IMPACTS

- Benefits from ER 1-94
- Health, safety and sanitation appertaining to the project employees and personnel

OPTION FOR MITIGATION

- Enhancement
- Medical facilities and benefits for employees and personnel.
- Compliances to safety protocol as prescribed in Manual of Operation
- Mandated sanitation practices, e.g. hygiene, housekeeping esp of toilets and in kitchens.

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Issues and Concerns raised during Public Scoping

STAKEHOLDER/ PARTICIPANT/ AFFILIATION	ISSUES/CONCERNS/ QUESTIONS	RESPONSE
Engr. Chona NCIP	Do you have Letter of Intent (LOI) base on RA8371 Sec 59 to determine whether if there is Indigenous People (IP) affected or an overlap to Ancestral Domain (AD)? If none the office (NCIP) will issue Certificate of Non-overlap (CNO)	No IP recognized in the area affected by the project, as the project expansion is within FDCU premise. FDCU already secure CNO (Certificate of Non Overlap) from their previous project which they will be using for the expansion project. ATTY. RENATO VEHEMENTE - FDC MPC: FDCU secured the CNO (Certificate of Non Overlap) for the construction of the existing power plant. The same would be valid for this expansion as it will be constructed within the FDC MPC property.
Jerome Boldevilla STEAG State Power Inc.	During Project Construction, the Ambient Air Quality and Marine Environment might probably be affected by the expectedly increasing level of particulate matter for ambient air (dust) and TSP, oil and grease, etc. For water that somehow impact our ambient air and marine environment. STEAG's existing Ambient Monitoring Station are very close to the construction site and others have overlapped already. How to reconcile and handle records?	CORAL DEGRADATION: Dr. Alabastro: The DENR/MUT might come to a resolution of this. The only way that the corals could be degraded is by direct disturbance during construction of jetty, FDCU's jetty has been constructed, therefore the MUT and DENR may consider that we, the preparer, do not see any further (of any) degradation of coral within the site of the construction because no construction will take place anymore. AIR: DENR/MUT: There are no notable results made by the existing monitoring system. Dr. ALABASTRO: Air quality will be studied via air dispersion modelling and presented in the public hearing. DENR: We want to clarify this public scoping is only to get concerns, and notable items will be answered in the public hearing.

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Issues and Concerns raised during Public Scoping

STAKEHOLDER/ PARTICIPANT/ AFFILIATION	ISSUES/CONCERNS/ QUESTIONS	RESPONSE
Dax Jara Phividec - 1A	A. Suggestion for Preparer / Consultant to possibly answer issues raised based on facts from the operation of the existing FDC Power Plant considering the preparer of both projects is the same. B. Suggest from LGU - Villanueva, FDC Misamis and other concerned stakeholders to sit down together and formulate certain agreement and mechanism to address issues regarding priority employment and possibility such mechanism will be used for future MMT (Multi partite Monitoring Team) validation activities.	Dr. Ed Alabastro (Preparer): Information to be included in the EIS. FDC NOC CC and HR to coordination for the sit down meeting with LGU/DENR to discuss improvement of local employment.
Engr. Walter Encinas, REE CAAP, Area 10	Air: For Air mitigation, what is the percentage (%) of CO emitted by the current per generators (Bollers)? What is the limit of CO? Water: For Water, currently, what is the exact status of coral a. Directly on the area of FDC's water? B. 5km from the Power Plant c. Within Macajalar Bay?	Results to be included in the EIS. Results to be included in the EIS.

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Issues and Concerns raised during Public Scoping

STAKEHOLDER/ PARTICIPANT/ AFFILIATION	ISSUES/CONCERNS/ QUESTIONS	RESPONSE
Randir Abrea MSU -N	What is the volume of sea water to be used in the operation	Dr. Alabastro: the preparer was requested to answer the volume of sea water, but may i refer the answer to FDMC, strictly there is no volume of sea water, there is a volume of river water. The volume of sea water is not really relevant because the volume of water is really circulating and no volume of water was used. EMP, Dr. Myrna requested to answer the question (in) to quantify the volume Roy of FDC MPC - Volume of seawater being used which drastically below the limit allowed in our water permit from NWRB
Anshower Bara-ocal MSU-IIT	Can you disclose the percentage composition of flue gases that should emit from the smoke stack as a result of coal burning? And how do you mitigate it if it exceeds in DENR standard.	Kishler Pascual of FDC MPC - Provided flue gas composition which is within DENR regulation.

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Contact Information

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Oriental



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Thank you



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Transcription of the Public Hearing Proceedings:

The program officially started at 9:20 AM after confirming from the proponent that they are ready to proceed with the Public Hearing.

Engr. Dexter Tabada requested to present on the screen the program of activities. The activities started with the Opening prayer and singing of the national anthem.

Engr. Dexter Tabada of DENR-EMB Central Office acknowledge the presence of the attendees, as follows:

Engr. Carlo Vic Arida
Atty. Abbas Lao – Hearing Officer EMB Region 10
Ms. Lou Ann Villanueva – PMCJ
Aaron Rodrigo
AB Agosto
Benjamin Francisco – Preparer
Karen Pinero – BFAR
Magenta Cinillo
Chito Trillanes
Tessie Aballe – Sanlakas Mindanao
Ginelle, Marcius
DOE – Nilo Giroche
Darwin galang
Erwin George Uy
Kenneth Concha
Edgardo Permi – SB Villanueva Chair
Lyn Altarado - CEED
Gela Sanches
Ian Rivera - PMCJ
Jam Padro
Jean Ravelo
Joel Salcedo
Lilia Ello
Rosita Gonzales – PMCJ Mindanao
Louie Lagarnia
Maria Ana Ello
Maria Teresa Absin
Jose Oliver Ello-MENRO Villanueva
Pedro Arnel YU – MENRO Tagoloan
Ms. Monna
Remoiur Abrea _ MSU Naawan
Nelda Medios
Pat Pangantihon – PMCJ
Vida Lumbar
Marian Ezra
Rara Ada
RC Perolino
Reeza Singson – PMCJ
Robert Asis
Ryan – PMCJ
Sean Alexander Merano
SL A Morena
Stacey Mabacias
Manny Leuterio-STEAG
Vicente Enchavez
MCS Wenda Asis Labaya



Jun Gore – LLMAO

Gertrude Garcia – Xavier University

Cyril Cambalon Jr.

Dax Jara – PHIVIDE

Kimberley Cabunoc Burios

FDCMP:

Ms. Analiza Miso of FDCMPC acknowledge the presence of her colleagues from FDCUI and FDCMPC.

Brenda Quimon

Emmanoelle Feliciano

Hazel Alvarez

Kenneth Fernandez

Kim Orquilla

Christine Janolino

Lea Loren Sacay

Luis Lagarnia Jr.

Atty. Renato Buehimente

Roderick Fernandez

Roy Perolino

Samantha Balidias

Samuel Lamorena

For the consultants, Ms. Lorelie Bueza acknowledge the presence of her teammates from Technotrix Integrated Services Corp. headed by:

Dr. Edgardo Alabastro

Rachel Dinglasan

Lorelie Bueza

Jean Ravelo

Benjamin Fancisco

Welcome Remarks was delivered by Hon Regene Ello, Barangay Chairman of Barangay Tambobong, Misamis Oriental in *Visayan language*.

Engr. Dexter Tabada: 1:08:34

For this part po, I'll be presenting the objective of our public hearing. So yung Public Hearing po is a part of Environmental Impact Assessment Process or EIA, at isang form of public participation at Pursuan to Presidential Decree 1586 and DENR Administrative Order 2003-30. I-mentioned ko din po na normally before the pandemic ay onsite po and nagiging setting natin for the public hearing, however due to pandemic, EMB come up with the circular 2020-30 that the proponent was given an option to conduct a public hearing via virtual or conduct a small group discussion.

So ano ba yung Environmental Impact Assessement (EIA). It is a planning and management tool that will help government, the proponent, the affected communities and other decision makers assess whether the benefits of the project will outweigh the negative consequences or risks on the environment.

Ito pu yung ating EIA process, yung flow chart. Nagsisimula po ito sa Project Screening, at nung isinumite ito sa opisina namin. Nakita naming na kailangan i-require yung EIA so kung maalala nyo po, nagkaroon ito ng EIA scoping na kung saan kinuha yung mga concerns and issues ng ating mga stakeholders during this scoping. Then po nung scoping, diniscuss during the Technical Scoping kung ano ang mga magiging requirements for EIA study and after po nagkaroon ng EIA report preparation ang proponent kasama ang kanilang consultant at isinumite po ito sa aming opisina para sa review and evaluation.

Dito sa review and evaluation, kasama po natin dito ang mga experts sa ibat-ibang module katulad ng Land, Air, Water and People. Then nireview po ang documento at isa din po sa part ng review



and evaluation itong ginaganap nating public hearing ngayon upang sagutin kung mayroon pang issues and concern ang mga stakeholders natin.

After nang review, pagdedesisyunan po ng EMB at DENR kung iisyu po ang ECC, or kung ide-deny poi to, kung sakali pong maisyu itong ECC, hindi po nangangahulugan na pwede na silang magimplement ng kanilang project, kung makikita nyo po, kailangan pa po nilang mag secure ng mga clearances and permits sa ibat-ibang government agencies, other DENR Units at mga LGUs po. Even during implementation, mayroon po tayong tinatawag na Environmental Impact Monitoring and Evaluation or Audits kasama po natin ditto yung tinatawag natin ng mga MMT.

Kung mapapansin po ninyo sa bandang kanan, may nakalagay po na public enrolment, ibig sabihin po nito, na tayo na mga stakeholder kasama po during sa different stages po nitong EIA process po natin.

Ano po ang objective ng public hearing?

- is to verify the accuracy of the EIA findings in relation to the situation on the ground, kung tama yung mga datos na nakuha ng ating proponent at ng kanilang consultant base sa sitwasyon sa area;
- to confirm that all the affected parties and stakeholders have been adequately consulted and have been part of the various decision making process;
- to offer the affected and interested parties, as well as other stakeholders, the opportunity to express their opinions on any issues considered outstanding, mamaya po sa ating open forum, pwede po tayong magpahayag kung mayroon po tayong opinion, suggestions or komento ditto po sa proyekto ng FDC.
- to promote effective public participation and ensure confidence in the EIA process as well as support for the proposed undertaking,

Ano ang Environmental Compliance Certificate (ECC)

Ito po ay isang application decision document na ibinibigay sa proponent pagkatapos mareview and EIA report.

It outlines the commitments of the proponent which are necessary for the project to comply with existing environmental regulations or to operate within the best environmental practice that are not currently covered by existing laws. Uulitin ko lang po na may note ditto na ang ECC ay hindi permit at kahit maisyu ang ECC it does not guarantee na pwede nang maimplement ang ating project.

Para sa Presentation ng House Rules during the open forum may I request Atty Abbas Lao.

Atty. Abbas Lao then made a presentation on the house rules for the conduct of the public hearing activity. Where all participants are given opportunity to share their concerns. If they have issues and concerns under the proposed project.

1. Only participant recognized by the hearing officer is allowed to speak although everybody will be given an opportunity to talk.
2. Before you speak, please state your name, the sector you are representing, so that we can capture that in our recording.
3. I will allow 1 question and 1 follow up question for each participants, or if you have a follow up question which is very significant then I will allow 3rd question.
4. Other participants who are not recognized by the hearing officer are requested to turn off their microphone para hindi magulo yung open forum natin.
5. If you have no good internet connection, you may send your question through our chat box and to whom you are directed your questions that the hearing officer will read your question from the chat box and requested any from project proponent to answer the question.

Thank you very much.

Engr. Dexter Tabada: 1:17:40

Thank you po Atty., so for the next part of our program, would be the presentation of our project and also the findings po sa EIA documents po.



For this may we call the proponent po.

Atty. Reeza Singson: 1:18:07

Excuse me sir, Mr. Tabada,

Engr. Dexter Tabada: 1:18:10

Ah, yes po ma'am.

Atty. Reeza Singson: 1:18:12

I have a preliminary question please before we proceed with the public hearing proper, my name is Ms. Reeza Singson, ako po ay legal officer sa Philippine Movement for Climate Justice. May tanong po ako.

Engr. Dexter Tabada: 1:18:27

Excuse me po ma'am, would it be ok po to let the proponent to present yung project muna, later po sa open forum, we can ask the question po.

Atty. Reeza Singson:

Sir kasi ang itatanong ko sana ay jurisdictional issue, kung sakaling hindi nakapag comply yung proponent ay hindi po tayo maaring magproceed sa public hearing, dahil walang compliance sa pre-requisite. I just wanted to ask the proponent kung sila po ba ay nakapag comply sa publication requirement in a newspaper general circulation and number 2, kung nakapag furnish po ba sila ng hard copy ng draft EIS sa mga stakeholders sa affected barangays. Yun lamang po, salamat po Sir.

Engr. Dexter Tabada:

Ma'am I think po pwede po nating iaddress po during the public forum para lang po at least madiscuss muna po itong project, then later po sagutin natin itong mga questions po ninyo.

Sir, kasi preliminary po and mga tanong ko Sir. So kung maari po ay masagot muna ng proponent ngayon. Kasi kung wala po itong mga compliant with the jurisdictional requirements ay hindi po maaring magtuloy-tuloy ang public hearing na ito ayon po sa batas.

Engr. Dexter Tabada:

Ah, pero mam, later po may time naman tayo for the questions po. So, I think later po pwede naman po ma-address ito.

Atty. Reeza Singson:

Sir, Mr. Tabada, later po sa open forum ang mga tanong po ay tungkol dito sa presentation ng proponent. Pero sa ngayon po ang tinatanong ko po ay kung nakapag comply po sila sa mga requirements na kailangan po nilang gawin bago po isagawa ang public hearing na ito. So may I ask the proponent again if they were able to publish in a newspaper general circulation the notice of this public hearing and also if they were able to furnish the hard copy of EIS to the stakeholders and affected barangays.

Atty. Abbas Lao:

Dexter, can I bat in?

Engr. Dexter Tabada:

Yes Sir, go ahead po sir.

Atty. Abbas Lao:

Ma'am Reeza Singson, while we recognized your question very significant and very important, we will just consider it as kwan na lang, so as mentioned by Dexter, we will answer it, we will require the project proponent during the open forum. We will just give the opportunity, considering that we have already organized this public consultation. It was already published in the website of the



Environmental Management Bureau. I think we will just pursue with the public consultation and then if you have some question, questioning the legality of the proceedings, you may put it in writing and submit it to EMB Central Office, so that they can be considered. Hindi pa naman approved itong kwan e, considering the number of participants who are present, I think this is a good opportunity to continue the public hearing.

Atty. Reeza Singson:

I understand that Atty. But considering that we will sit here for a couple of hours for this public hearing, I think it is important that we know first, if this public hearing is legal. So to do to that, may we know if the jurisdiction of the requirement have been complied with, otherwise this public hearing will be put in question later on kung legal po ba ang public hearing na ito o hindi, kung nakapag comply po ba ang proponent sa jurisdictional requirements o hindi bago po isagawa ang public hearing.

MENRO Villanueva:

Sir, this is MENRO Villanueva, can I bat in?

Atty. Abbas Lao:

Yes, MENRO. Dexter the MENRO Villanueva is asking for kung mag a.....

MENRO Villanueva:

Can I Sir?

Atty. Abbas Lao:

Dexter, are you still in?

Engr. Dexter Tabada:

Hello Sir, sorry sir

Atty. Abbas Lao:

Yes, the MENRO Villanueva is asking his a....

MENRO Villanueva:

Can I Sir?

Engr. Dexter Tabada:

Sige po sir, go ahead po.

MENRO Villanueva:

We the stakeholders of Villanueva received and even the PEMAPS ibinigay sa amin saka yung EIA, so I think the question of Ms. Singson is already answered, and we have also seen in the website that this scoping was published. That's all sir.

Atty. Reeza Singson:

Sir, I've heard you refer to the scoping as having been published, but the notice of this public hearing po, napublished po ba? For 2 consecutive weeks at least 7 days prior to this public hearing today. I am asking the proponent and I hope the proponent can answer this simple question, Sir. Otherwise, I'll have to ask the hearing officer Mr. Tabada to defer this public hearing, because this would be questionable without compliance with the jurisdictional requirements.

Engr. Dexter Tabada:

Hello ma'am, we can proceed naman po with the public hearing kasi this was already organized and then a, EMB has allowed naman po yung ating a....for the conduct of this public hearing.

Atty. Reeza Singson:

You realized of course sir that it would be illegal to proceed with this public hearing at this point on the proponent has not shown proof that they have with the jurisdictional requirements. If you proceed



with this public hearing right now, there may be some legal refer caution with respect to the public hearing itself and the project of the proponent as well as yourself.

Atty. Abbas Lao:

Anyway, Dexter I suggest that we will just consider the question raised by Ms. Reeza Singson as continuous opposition to this public hearing that will be resolve by EMB Central Office, as with regards to the continuation of this public hearing, I do suggest that considering the number of participants who have already registered in this virtual public hearing. We will proceed with the public hearing without prejudice of course to the question of ma'am Reeza Singson if it is really a valid ground for the cancellation of this public hearing. So let it be resolve by the EMB Central Office, Dexter.

Atty. Reeza Singson:

In that case Mr. Tabada, may I just register my ongoing, my continuous objection to the continuation of this public hearing. Also I would like to summarized, first, I asked the proponent for proof of their compliance with the jurisdictional requirements and No.2: that you allowed this public hearing just the same. Thank you.

Ian Rivera

A, Mr. Chair, can I be recognized?

Engr. Dexter Tabada:

Sige po Sir, go ahead po.

Ian Rivera

Good Morning to everyone, I am Ian Rivera, I am the national coordinator of Philippine Movement for Climate Justice and we've been to so many public hearing and public consultation all over the country that our organization participated and the question of the process is really, really important here (*continued with visayan language*)..... A while ago, Sir Dexter Tabada, showed us the procedure, on how the EIS will be facilitated as part of PD 1586 and that procedure, part of that mentioned that all stakeholders those really, really affected should have participated and should be well informed of the project that will be presented in this public hearing. Ok, so according to the law how will that be ensured, that all those stakeholders and those will be affected, that their concerns will be heard in this public hearing. So that is in short the jurisdictional requirements.

So yung jurisdictional requirements, yun yung magsigurado na yung mga affected, yung mga barangays na impacted ay makapag aral bago sa public hearing kung ano ba itong proyekto na ito? Intelligently, para handa silang magtanong at meron silang manggagaling sa kanilang mga interes no? So that's how important the jurisdictional requirement. Now, if you proceed with the presentation of this project given there is a problem with the jurisdictional requirements, so how will the people, particular those that will be directly affected can intelligently ask the question on the impacts and the potential impacts. That's the point here of jurisdictional requirement, so if you proceed with this public hearing without compliance with the jurisdictional requirement, that will be prejudicial to the directly affected and to those that have concern about the project. So, in the process, the EMB should made it clear if the proponent has complied with the jurisdictional requirement, because that is really, really important. So before starting with the business here, that should be cleared out first. Like I've heard, are there barangays that would directly mentioned, there are 5 barangays. Are all the barangays that are affected are here present, are the official and the citizens of those barangays were able to study the EIS? Because that will be the discussion here. I am just clarifying the procedure which by the way, Engr. Tabada, you are the one that clarified and presented on that. So I hope this is clear, because EMB is entrusted to implement the law on the Presidential Degree 1586.

Engr. Dexter Tabada:

Kay Ms. Ana po, paki share po yung publication po natin, yung proof po.

Ana Miso:

Alright, good morning po.



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Emmanoelle Feliciano:

Yes, we can confirmed that we have published, the affidavit of publication is here, and that we have given the invitation to different barangays. Thank you.

Atty. Reeza Singson:

May we ask about the date? Sorry about that, I just wanted to know about the date of the second publication please, thank you.

Emmanoelle Feliciano:

July 9, wished to confirm the publication July 9, second publication.

Atty. Reeza Singson:

Is it on the affidavit ma'am?

Emmanoelle Feliciano:

Yes, It is in the affidavit, Ms. Singson.

Atty. Reeza Singson:

Thank you, may we see the date please? The affidavit?

Engr. Dexter Tabada:

Hello Ma'am, can we now proceed with the presentation po?

Emmanoelle Feliciano:

Yes, Please.

Atty. Reeza Singson:

Mr. Tabada, there was an outstanding, I was asking about the date on the affidavit regarding the 2nd publication

Emmanoelle Feliciano:

Yes, we're going to show it in a while, please give us some minute.

Atty. Reeza Singson:

Thank you.

Chito Trillanes

Mr. Tabada, can I be recognize?

Engr. Dexter Tabada:

Yes, po Sir

Chito Trillanes:

By the way, I am Chito Trillanes a member of multi stakeholder group of the Philippine EITI the Extractive Industry Transparency Initiative that is a reviewing standard law on transparency, and I subscribe to the query of the participants here relating to compliance with jurisdiction. Mr. Tabada, I hope you will remember the fact that your office should have receive proofs of compliance for instance, you should have the copy of the publications not only the affidavit that is presented, because that is part of the best evidence rule. When the law requires for a publication, your office should have at hand the published document in a newspaper of general circulation in the area. Second, there was a question whether or not a hard copy of the EIS or any other instrument allowed by DENR that should be furnished the host or impacted barangays. These stakeholders should have receive that not only the MENRO because there is really clear. Sir I agree that we cannot proceed with this public hearing without complying with this jurisdictional requirements. This is a regulation that your agency is supposed to implement. So we do not question any presentation, but this is a



valid observation. The proponent and your agency is supposed to observe and follow your regulations. I'm sorry, but I really have to follow on with this because I am in-charged also in reviewing standards and how the agencies are implementing standards. Thank you po.

Engr. Dexter Tabada:

Sir, Noted po. Ma'am, I think napakita kanina yung affidavit nung publication.

Chito Trillanes:

But Sir, to your mind is the affidavit similar to the best evidence rule the published notice? So, if you have been in the public hearing like this, you should have the idea if this will be equating to the required publication?

Atty. Renato Behimente:

Sir Dexter, FDC Misamis, Renato Behimente, may I be recognized?

Engr. Dexter Tabada:

Yes Sir go ahead

Atty. Renato Behimente:

Sir, with the outstanding questions, may we request the hearing officer to have a ruling on this so that we can proceed with the presentation as suggested? Thank you.

Atty. Abbas Lao

Dexter, That is actually my point, the question of Atty. Reeza Singson was already addressed, the project proponent has already shown to us the proof of publications, as raised by Atty. Chito Trillanes in the conduct of the publications. I think, I suggest that they submit a formal petitions or complaint before EMB Central Office so that they can rule the queries raised by the group of Atty. Trillanes and Atty. Reeza Singson.

We will just consider this as a continuous opposition to this public hearing, but as I have said considering the number of participants of which I think majority of the stakeholders in the identified area if the project proponent is already registered they participation in this virtual public consultation, we will just continue to continue this publication and we will consider the question of the group of Reeza Singson and Chito Trillanes as continuous opposition to this public hearing and let it be resolve by EMB Central Office. By the way, just to clarify, this is not just the opportunity for the any opposition or any stakeholders to raised their concern before this project expansion, because they will still be given a chance to question any document, like for example the result of the Environmental Impact Statement or EPRMP submitted by the project proponent. Because after this public hearing, the EMB Central Office will still entertain any questions. This is not the end of any question pertaining to the proposed expansion of this project.

Atty. Renato Behimente:

Dexter, can I have that 2nd opportunity, to ask for the proposed and be recognized?

Engr. Dexter Tabada:

Go ahead Sir.

Atty. Renato Behimente:

With that may we move for the continue of the presentation proper, Sir Dexter and Atty. Lao

Chito Trillanes:

Excuse me, can I be recognized?

Engr. Dexter Tabada:

Go ahead Sir.



Ian Rivera:

As I mentioned a while ago, the issue of jurisdictional requirement should be cleared first before any motion to proceed. And the jurisdictional requirement is not just about the publication or there are also other requirements. That should be cleared, so that as I have mentioned, so that the affected communities, the residents of this project, they will be equip to intelligently asked a crucial questions in relations to impacts. Having said that, there is no clear decision yet about the publication. Is that publication out in a general circulation? Second the affected barangay also given notices? And also the official of these barangays given and provided with an EIS? So those are just part of the jurisdictional requirement. I think we should be clear this first, because if this recording is official, that should have established first.

Yet, there is no decision from EMB if those jurisdictional requirements are complied by the proponent.

Atty. Abbas Lao:

Dexter, I think we have to understand that as far as EMB is concern, the project proponent have already shown proof of compliance to publication and now as I have said, if you are questioning the details that publication, I think it is proper to just submit your formal petition or complaint to EMB Central because we cannot outright resolve your legal question here. Anyway, if eventually it will be decided in favor of you that the publication is questionable, EMB Central Office can declare that this public as invalid and we will organize another public hearing in order to give opportunity to all stakeholder.

As far as, I am concern we will proceed with this public hearing, because marami na po yung participant dito na nagregister and including your group sir Ian and Sir Chito and Ma'am Reeza Singson. If you have opposition, yes we will put on record that you have continuously opposing this proceeding. We will put that on record, so that it will be resolved eventually by EMB Central Office.

Ian Rivera:

Yeah, thank you for that explanation Mr. Chair, our hearing officer and this is really really a question on the procedures because in many public hearing that we attended and of course it is EMB conducting it, some hearing officer are very restrict relation to the jurisdictional requirement. In fact there is one public hearing, we raised the issue of jurisdictional requirement and it has could been complied but it doesn't been complied and in fact there were information that not provided to the concerned citizen that will be affected of the project, so the hearing officer went through vigorously on the requirements in an online setup, so (speak in *Visayan Language*)....para makita ang mga nag raised of question kung nagcomply ba? But having said that, it hasn't been complied. So the hearing officer defer the public hearing. Im sure it's in the records of DENR that public hearing. It was just conducted last February this year. So that is why, what is your standard procedure here? Because I thought that EMB, has a standard procedure in going to the public hearing according to the Presidential Degree 1586. Because I'm surprise, the issue of the jurisdiction, the hearing officer here just trust it off as not pertinent to the procedure and to proceed with the public hearing. So it really repeats the purpose why we have jurisdictional requirements if those will not be complied, why we proceed?

Atty. Abbas Lao:

Sir Ian, I think napakita naman yung publication ng project proponent which is the main issue raised by Atty. Reeza just to show the proof of publication, so it was already presented as shown in the participants that there is indeed publication made by the project proponent. Ang sa akin po, if you are really questioning the details, we have already the proof, but if you want to still question the details of the publication, and then I think, I suggest you submit a formal petition to the EMB Central Office, because sila naman po yung mag resolve dun and with regards to this public hearing, we will just considered it as a continuous opposition sa proceedings and if ever eventually, the EMB Central Office will resolve your petition, questioning the publication of this public hearing, then they can still invalidate this proceedings and organized for another public hearing. As I have said, hindi naman po yung opportunity to raise any issues pertaining to proposed project. So iyun lang po ang sa akin, because I think we have also considered the presence of other stakeholders here. It is not really



506 xxxxxxxx public hearing. Looking at the participants in the registered virtual public hearing, lahat po
507 ng stakeholders, lahat ng stakeholders are mayroon po silang representative ditto.

508

509 **Atty. Reeza Singson:**

510 Mr. Tabada, may be recognized?

511

512 **Engr. Dexter Tabada:**

513 Ma'am, I think

514

515 **Engr. Carlo Arida:**

516 From EMB Central Office, Sir to add lang po sa sinabi ni Atty. Lao, yung details of public hearing na
517 kina conduct natin ngayon, from the preparation up to the conduct will be posted sa website naming
518 no, the proponent will submit the public hearing documentation. So from that documentation, you
519 can see the details nung process na pinagdaanan nung project bago sya maschedule sa public
520 hearing. So I suggest that, since the proponent provided naman the affidavit that it was posted in the
521 newspaper for 2 (two) consecutive weeks, that is consistent with the DAO 2017-15, I think we should
522 proceed with program proper and Sir as Atty. Lao have said, your concerns are duly noted. It will be
523 included sa documentation ng public hearing po nating.

524

525 **Atty. Reeza Singson:**

526 Mr. Tabada, may be recognized?

527

528 **Engr. Dexter Tabada:**

529 Ma'am, I think na address naman po yung queries natin kanina,....

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531 **Atty. Reeza Singson:**

532 Well, actually not. Not yet. As I was one who asked the initial question, I just need to say that my
533 questions were not actually addressed fully. So for example, was the newspaper in which the
534 publication was made a newspaper general circulation, so the proponent has not answered that yet.
535 Number 2 was the hard copy of the draft EIS furnished to the stakeholders, the proponent does not
536 address that yet Sir. So considering that this are jurisdictional questions, pag hindi po nasagot yan
537 ay walang jurisdiction po ang EMB, kayo po. Wala po kayong jurisdiction to conduct this public
538 hearing today.

539

540 With regards to the practice ng EIS, nakalagay naman po sa notice namin where can it be access
541 no? yung mga links dun sa website natin and yung mga offices kung saan po sila pwedeng pumunta.
542 Kasi EIS is a very highly technical document, kaya ang inaattached po natin sa mga invitation letter
543 po natin is the Executive Summary and ito pong public hearing is the venue to present sa mga
544 stakeholders natin kung ano yung project.

545

546 **Ian Rivera**

547 So Carlo, are you saying na hindi na comply yung question ni Atty. Reeza? Kasi you are not
548 answering directly. Kung nabigyan ban g kopya ng EIS ang mga impacted barangay.

549

550 **Engr. Carlo Arida:**

551 Sir, nakalagay sa notice kung saan po sya pwedeng iaccess. Ang naibigay lang Sir dun

552

553 **Ian Rivera:**

554 That is really different, hindi lahat ng barangay makakaaccess, that really different. So let us put that
555 on the record. That the requirement on the jurisdiction were not addressed. If you want to proceed,
556 just be address the question first, that put into record the answer to the question of Atty. Reeza.

557

558 **Atty. Renato Behimente:**

559 Mr. Dexter, may we be allowed to proceed since this matters are already been ruled by the hearing
560 officer and as the opposition has been recognized? Sir, we are ready to share our power point
561 presentation Sir. Thank you.



Ian Rivera

Sir, Sir, just to make it official, that many of the jurisdictional issues were not settled in this public hearing.

Atty. Abbas Lao:

Noted po, noted po. All the legal issues raised are noted. We will include it in our report.

Ian Rivera

Thank you Atty. Lao

Atty. Reeza Singson:

May we have a formal ruling po for the record.

Atty. Renato Behimente:

I think it is already answered

Atty. Reeza Singson:

As I've said not yet, I just want a formal ruling from the EMB please.

Engr. Dexter Tabada:

Ma'am I think nasagot naman po kanina yung mga questions and I think our hearing officer has given the enough explanation on the queries, so for now ma'am I think we can proceed with the....

Ian Rivera

Dexter, hindi nga nasagot kanina e, ang clear ng question ni Atty. Reeza, hindi nga nasagot. Kaya nga ang tinatanong, can you come up with the ruling. So if you want to proceed, you come up with the ruling.

Ang tanong kasi dun sa jurisdictional requirements ay hindi nasagot clearly, ang sagot ni Carlo ay nasa website no. Hindi ang hinihingi ng batas ay mabigyan ng hard copy ang mga barangay officials. Yung ang hinihingi sa batas, batas yan ha Dexter. And we know na there are implications once you think or and once you violate the laws. Are all of you here in EMB represented here you supposed to protect and implement those laws and those procedures. So let us know if you want to proceed, officially make a ruling.

Engr. Dexter Tabada:

Yes po Sir, as per rule po by the public hearing officer natin, noted po yung mga concerns po natin and then as mentioned po kanina pwede din po tayong magsulat ng ating official letter regarding po sa ating mga opposition po. And then for now po so we can proceed po the public hearing

Ian Rivera:

So meaning to say, you stating noted those questions, those question on jurisdiction were not complied. Were not complied when you say noted. Because there are no clear questions e. Hindi nyo nasagot ng appropriately e. So that means that when you say noted, the questions on the jurisdiction is raised by the groups here were not complied.

Atty. Renato Behimente:

We have to object on that statement Dexter, I think it was clear earlier, ah Atty. Lao I am just waiting Atty. Law's confirmation and ruling that the proponent has compliant as far as EMB is concern, that is why we being allowed to proceed with the presentation proper and we are just waiting for a queue

Ian Rivera:

here Mr. Dexter that we will have to proceed. Anyways, as explained by the hearing officer, the opportunities for the details will be later on entertained by the EMB. With that I leave discretion to the.....



I think it's beyond to your office to make that statement, because you are a co-proponent. The statement should come first with the EMB when you say it complied with the jurisdiction requirement. Conflict of interest po yun ang ginagawa nyo.

Renato Behimente:

Point of order lang po Sir, point of order. Reviewing the minutes of meeting and I am just comparing with Atty. Lao with his earlier pronouncement.

Ian Rivera:

You raised about point of order na ang tanong nga is raised to EMB, tapos ikaw yung sasagot? Na you are part of the proponent.

Atty. Abbas Lao:

Excuse me po no, I kwan na lang natin yan, and as I have said, we recognize the issues raised by Atty. Reeza Singson, Atty. Chito Trillanes, and Ian Rivera. We recognized and put on record your continuous opposition to this proceedings but as far as this public hearing is concern as already shown to us by the project proponent, they have already proof of publication which is a presumption that they have complied the required publication. With regards to the furnishing of the hard copy of the EIS documents to the concern stakeholders as mentioned to us by Carlo that they have already published he public hearing in the website of EMB with the information document particularly the EPRMP and other documents are all available to the website of the Environmental Management Bureau and as also confirmed by a sino ba yung barangay na yun that they have already received the notice of this public hearing.

As hearing officer, I will rule that we will continue the public hearing subject to the continuous opposition of the group of Ma'am Reeza Singson, Chito Trillanes and Ian Rivera po. So it means that the result of this public consultation or public hearing is without prejudice to the resolution of their opposition by the EMB Central Office, so that is my ruling as far as this public hearing is concern.

Atty. Renato Behimente:

Thank you sir.

Ana Miso: 2:02:21

Good Morning every one, My name is Ana Miso and I am going to present about our company and the flow of the presentation would be, present the Company Overview, Project Impact and Benefits of the FDC Misamis Coal Plant, then our Proposed Power Plant Expansion Project.

To start of, as you can see in the slide, that is our shift yard captured in the evening. In the next slide, I will give you the brief Over View of FDC Misamis Power Corporation.

FDC Misamis Corporation is part of FillInvest Group, one of the leading conglomerate in the Philippines with interest in properties, banking, services, infrastructure, sugar and power. FDC Misamis Power Corporation, currently owns and operation a 3 x 135 MW CFB Power Plant in Villanueva. It was granted ECC with certificate and our plant has an existing contracts with 17 distribution utilities and 1 industrial customer in Mindanao.

Since the commercial operation of the FDCMPC power plant in 2016, Mindanao has shown strong economic growth, faster than the national average, and with this comes increased energy requirements necessary to sustain this development.

To contribute to the region's continued development, FDCMPC is proposing to expand its currently 3 units into additional of 3 units which is 4, 5, 6 power generating units. With that we will be having a total of 6 x 135 MW

The Presence of the FDCMPC in the area brought positive impact to its host communities through its CSR programs and inherent benefits to its host communities. We focus our CSR program on the four pillars of our CSR Frameworks such as Environmental Stewardship, Education for Empowerment, Economic Enrichment and Enhance Health Care Initiatives. These four pillars were



designed or it has been developed because of the result of the social economic profiling conducted prior to the plant operation. And the succeeding slides will show you some of the CSR programs we implemented.

As to the Economic Enrichment programs, we have utilization of our fly ash into a hollow blocks production with the partner organization, then we have our entrepreneur program, we have of course our training programs. We have also our Education Empowerment programs. With this FDC is very active especially in supporting the Dep't of Education's Brigada Eskwela program every year. Amidst pandemic we were still able to support the DepEd.

In terms of Environment, we have different programs like DRR Training programs, Adopt a Estero program, Coastal Clean-up Program, Solid Waste Management Program support to our LGU. In terms of Environmental Stewardship as well, we do have our support the LGU in terms of their Integrated Coastal Management Program where we planted Mangrove, we have coastal clean-up and among others and the big part of our environmental program is we have our Carbon Sink Program where we already planted many trees already in the areas where this project really help us support to help our environment.

Next slide is the other major benefits that this company contributed to our host communities is through the ER 1-94. Our host benefits will receive 1centavo per kilowatt of our gross sales. Where in this 1 centavo is divided in 2. The 50% is for DLF and the second part of the 50% is for RWMHEEF which is their project related to reforestation water management program, then the half is for the electrification program. These funds for DLF and RWMHEEF is then allocated based on the equitable portion of each host municipalities, region, barangay and other recipient beneficiaries.

The next part of our presentation, it will be presented by Mr. Roy Perolino.

Mr. Roy Perolino: 2:13:58

Good Morning, this is Roy Perolino, I am here to present the project.

Page No. 24, Basic Information of the Project it a 6 x 153 MW Circulating Fluidized Bed Power Plant, the location will be here the same site, we have an existing 3 units and the size of it is 6, we have existing 3 and the expansion is 3

Next Slide please, Project Rationale. The purpose of this project or the rationale of this project is because Mindanao now was increasing demand of electricity, this maybe because of economic boom of the region and if there, in fact in Villanueva alone we have couple of companies emerging now, so with this, it will also increase the demand of our electricity and that is why we are going to build the expansion

In this slide, this are the project details, we are gonna build expansion in the same location, same technology that we are going to use; the cost would be this much and the project timeline, we are now in a pre-construction phase, this is one of the pre-construction phase that we are doing and right after this if given approval, so we will be starting project implementation and after three years we will be operating.

So this is our site. The site of the expansion and also the site where in we have the 3 units existing.

Project Description, as I have said earlier, we have a 3 additional and there will be additional land to acquire 3 hectares, this is solely for the coal conveyor and the total hectares that we will have for this plan is around 87 hectares and all the major equipment are all the same with our existing like the steam turbine, coal yard, and another ash. We will be using the same jetty.

This is the map of the plant, as you can see at the left side, brown color that is the additional coal conveyor. That land will be acquired that is 3 hectares, some other browns will be the additional facilities, at the right bottom on your screen is the additional ash yard, although this ash yard is already within our perimeter.



Our Project Alternatives, we do not have a lot of alternatives in power our power plant, but we decided to use the same technology, because we are considering the existing site, where in our site is accessible in land and water transportation. And also we are equip or we are having a lot of experience in running this kind of technology and for almost 6 years the plant has been a working well to us so we have decides to use this same type of technology

This is the control, this is our process technology, CFB Circulating Fluidized Bed Technology, this is the process flow. This technology has a built in Pollution Control we called it here CEMS, it is monitoring the flue gas effluent real time. We are also transmitting this data to EMB so that they can also monitor it real time, we have the cone addition, such coal has soft so we will inject limestone to remove the sulfur. As Circulating Fluidize Bed Boiler is a low furnace bed boiler so the risk of having NOx is very less and aside from it CFB also is having a complete combustion that is why carbon monoxide emission is very very minimal because of this combustion efficiency and also the other effect of that the CFB can handle high quality of coal, we can feed various type of coal. Our ashes are collected with our trucks going to our ash yard and that's all. Thank you

Emmanoelle Feliciano: 2:22:44

We turn over the presentation to Dr. Ed Alabastro – Technotrix.

Dr. Ed Alabastro 2:23:09

Magandang umaga po sa inyong lahat, Im Ed Alabastro, with me is Lorie, Rachel, Hazel. Let me proceed, with my presentation and allow you time to ask questions seem a little bit later, alright.

May we start with the study are, just to make a representation of the study area is the project site and the project area of the existing project to emphasize that we are withinin a mandated project study area.

Impact areas we have delineated the impact area based on DAO 2003-30 and 2017-15 directly briefly the direct impact areas are both a portion of Macajalar Bay and portion of Tagoloan River as well as the flame of the pollution of air pollution discharge. And the indirect impact areas population centers and social centers, people meaning.

We just take to where this impact areas are in the disturbance, potential disturbance of access/haul roads, these are in Sta Cruz Tagoloan; Air quality potential degradation in San Martin and Balacanas Villanaueva, Sta Cruz and Baluarte Tagoloan; Solid and Domestic waste in Tambobong and Balacana Villanueva.

The indirect impact areas, the major ones are perceive threat public safety and health and the potential impact area geographically is Tambobong and Balacanas, Villanueva. But more importantly, the social impact which are positive barangays 12 in Villanueva and 10 in Tagoloan which are beneficiaries of ER 1-194.

The key study module as prescribed in the procedural manual are the Land, Water, Air and People which we have put in our EIS report of more specifically EPRMP report.

And this is the impact on Land: no major impact because land is already well developed and there are no issues with respect with ECA or land tenure. No settlers, no devaluation of land values.

Geology: The most important aspect in geology is that the site is already well developed and there are no major changes in the geological feature of the land. There is the map, all in the EIS report.

For the inducement of Hazards: These are well taken into consideration. It is rather notable that in the many years of operation of the original power plant more than 5, we are not aware of any major hazards in the project site. Nevertheless, in the interest of glaring piece in an EPRMP report, we did in fact list down this potential geo hazard, such as flooding even tsunamis and we present it as you may see the map of the hazard assessment based on MGB.



On Terrestrial Ecology, we as the EIS preparer see either nearer to insignificant impact because again the land is already developed, therefore the vegetation, flora and fauna, animals etc. have been either addressed to in the first and original project.

On construction phase, we do not see any major impact in floral ecology, change in landform and solid waste generation during the construction phase, like wise minimal impact on spent non-hazardous waste generation. We address nevertheless by observing Republic Act 9003 and RA 6969 these is for hazardous wastes.

Now the Expansion project operations phase, hazardous waste we do not see nor assess any major impact. To be focus are bottom and fly ash, the fly ash will be...Management will xxx before the xxx repository pond.

Monitoring stations we want to show you the six monitoring stations. To impress upon you as we have done ourselves and on EMB that we did make and considered a comprehensive monitoring stations not only in terms of distance, but in terms of locations.

Results of the marine water, generally compared with the DENR standard. Shown by the graphs and evidence that the self-monitoring reports as our contain in the EIS report. Same thing here in terms of water quality. By the way I've been introduced to you if I'm not mistaken, as Dr. Edgardo G. Alabastro, Team Leader of the EIA prepare team. These are the results of the fresh water quality monitoring indicating general compliances with DENR standards. Also, groundwater quality monitoring. Yes, in compliance with the standards. Okay, groundwater quality again in general compliance. Yes. Okay, Again trends of the groundwater quality monitoring. Yes, Air quality monitoring ambient air for the last five years, generally in compliant. Yes, based on Air Dispersion Modelling, okay the isopleths show compliances with Republic 87-49 in the Philippine Clean Air Act. That is another evidence of the air dispersion modelling results. Air Quality, stack monitoring this are the trends. Noise is not a major issue as we say it and even at the compliances with the noise standards. I saw the some mitigation for the construction phase, short term but compliances will be made. Operations phase, Ambient Air, yes use of the tested CFB technology and of the results of the many years of preparation for the best phase of the FDCMP.

I thought I would flash to you what has been done in terms of monitoring of socio-economic activities shown in this photographs.

IEC campaign implement that by FDCMP. This is public scoping activity, photographs, there are. Results of the method based on perception surveys that are perceived benefits of course and perceive adverse impact, this as shown here like livelihood, benefits, perception of flood, if I may say traffic congestion perceived adverse impact. So those are the results in terms of the module for people, construction phase, hiring of qualified priority worker in the hiring and of qualified local people. Operations phase, benefits again from SDP. And what we see as the threat to public health and safety and sanitation is not deemed as a significant threat. I must repeat the benefits from R 194 are rather substantial. So I thought I would flash before you the results of the public scoping, just take a minute or so, just are shown in the screen.

Emmanoelle Feliciano:

Thank you Dr. Ed. May we defer to the public hearing officer, Atty. Lao and Dexter.

Engr. Dexter Tabada: 2:38:29

Ok po ma'am, Thank you po Sir for the presentation, so next part of the program will be the open forum. To preside po yung ating open forum, May I request po Atty. Abbas Lao, our hearing officer po.

Atty. Abbas Lao: 2:38:47

Thank you Dexter, thank you Dr. Alabastro for the presentation and the rest of the presentation of the project proponent. Before I proceed with the open forum, I would like to reiterate that there is a continuous opposition presented by Ma'am Reeza Singson of PMCJ and Chito Trillanes and other



members of the group for particularly questioning the publication of this public hearing and the furnishing of the EIS documents to the concern barangays. I have already previously ruled that we recognized that as a continuous opposition to this proceedings and of course that is without prejudice to the final resolution that will be issued by the EMB Central Office.

Just to reiterate, the ground rules to only participants recognized by the hearing officer is allowed to speak, and of course you state your name, the sector you are representing, before you ask your question to any of our speaker. So I will now declare the floor open for everybody. Thank you very much.

Atty. Abbas Lao: 2:40:41

Any question po? Any question?

Mr. Ello – MENRO Villanueva 2:40:53

Question Sir.

Atty. Abbas Lao: 2:40:55

Yes, the MENRO of Villanueva, Mr. Ello Sir, please you are recognized.

Mr. Ello – MENRO Villanueva 2:41:07

My first question, I threw it to the preparer. There was no mention of additional ash disposal area Sir, hundred percent na dugang sa planta?

Atty. Abbas Lao: 2:41:26

Can you repeat the question Mr. Ello for clarification?

Mr. Ello – MENRO Villanueva 2:41:31

There is no mention of the additional ash disposal area, because it is completely 100% expansion? So there is no presentation on the additional ash disposal area.

Atty. Abbas Lao: 2:41:51

Thank you very much no, may I ask Dr. Alabastro to answer the query of our MENRO of the Municipality of Villanueva,

Dr. Edgardo Alabastro: 2:42:10

Sorry po, medyo mahina ang dating, paki ulit po ulit please.

Mr. Ello – MENRO Villanueva 2:42:15

There is no mention of the additional ash disposal area on your project and I am the chairman of the MMT of FDC and we have observed that your present ash disposal area is almost filled up, how do we do that?

Dr. Edgardo Alabastro: 2:42:37

May I kindly request FDCMP? We have discussed this but I think FDCMP is in better position to reply that.

Mr. Ello – MENRO Villanueva 2:42:53

And also Sir, my second question is since you are adding another 405 MW project, so definitely there is an additional carbon footprints on that. So what is your plan on your carbon sink Sir?

Dr. Edgardo Alabastro: 2:43:19

Are you asking me po?

Mr. Ello – MENRO Villanueva 2:43:22



What is the plan of your carbon sink? As of now we have not settled yet the carbon sink of your first project, of the present project then we have now the expanded project, now what is your plan now of the another carbon sink area?

Dr. Edgardo Alabastro: 2:43:50

If you asking me please, may I refer you to FDCMP, because we have discussed that but I think they are much better in the position to respond and clarify carbon sink and related to those matters. So maybe Noelle can take that part

Atty. Abbas Lao: 2:44:17

Ok so, any representative from FDC who can answer the question, questions raised by Mr. Ello, please.

Unknown speaker: 2:44:30

Thank you for your question, MENRO. We will answer the...we will show the slide

Atty. Abbas Lao: 2:44:38

Ma'am please state your name first for record purposes.

Emmanoelle Feliciano: 2:44:44

This Emmanoelle Feliciano from FDC Misamis Power Corporation, um.. we will show the slide that we showed earlier to answer the ash disposal question. Kim please slide 32.

Emmanoelle Feliciano: 2:45:04

Hazel could you discuss the ash disposal area? Thank you.

Hazel Alvarez: 2:45:14

Yes, Good Morning. I'm Hazel Alvarez from FDC, So for layout in the screen, the brown section on the right is the new ash yard with this 9 hectares and can extend up to the boundary of the leased area but still for advance study. For now, for the expansion project we only consider the 9 hectares in addition of the existing 15 hectares. And may I add also that we have agreements with Holcim, Republic and a local contractor, where in they are getting fly ash from our operation.

Emmanoelle Feliciano: 2:46:11

Thank you Hazel. For the carbon sink project, may I direct the question to Ms. Trish Anolino?

Emmanoelle Feliciano: 2:46:33

Uhm.. So I can introduce the carbon sink program. We have with Sambulawan, Barangay Sambulawan and we are talking with the local, with the LGU on the expansion to Villanueva areas. We are also talking to another University, who is offering a part of their existing area, EMU. And we are studying the proposal of the DOE to partake in the NPC Watershed Management Carbon Sink Program. We are open to other proposals for our carbon sink project and the LGU as well. But we have to identify an area where we can place the carbon sink project. Other member of the team you may want to add?

Ana Miso: 2:47:43

Good Morning Mr. Chair, may be recognized? I'm Ana from FDC.

Atty Abbas Lao: 2:47:48

Yes ma'am, yes ma'am you are recognized please.

Ana Miso: 2:47:52

Good Morning po. As to carbon sink program,

Atty Abbas Lao: 2:47:48

Ma'am, please identify or introduce name please before you start to speak.



Ana Miso: 2:48:04

My name is Analiza Miso from FDC Misamis Power Corporation. With regard to the question about carbon sink program expansion. Previously, we already had an initial discussion with our host LGU and we already met the community where this proposed area of our carbon sink program would be implemented and we are still open to continue on that discussion if there will be another discussion even right after this public hearing we can proceed, Sir Oliver. Then another is we are still open as to other proposal that will be submitted to us and we are also explore more those areas located in areas where it will affect the Tagoloan River Basin where we draw water for our plant operation.

Mr. Ello – MENRO Villanueva 2:49:13

Follow up question Sir.

Atty. Abbas Lao: 2:44:15

Yes, Mr. Ello you are recognized again

Mr. Ello – MENRO Villanueva 2:49:19

I will give this question to the EMB, EMB Central. Since we have additional carbon footprint Sir, how is it computed kung ilang hektarya ang carbon sink derived from that carbon footprint? Kasi kami ang mag ano e, kaming MMT alam naming kung ilang hektarya ba yan in what span of time because I was saying, I understand that from that carbon footprints derived from the computation of carbon sink of the hectarage of carbon sink

Atty. Abbas Lao: 2:50:05

Thank you Mr. Ello, so any from our EMB Central Office, can you ask the question raised please?

Engr. Dexter Tabada: 2:50:23

Hello, Sir with regards po ba sa computation with carbon sink po no? So sir uhm, I believe po with this computation, we will forward to other agencies po for the computation. I believe sir sa FMB po yung pino-forward po natin yung mga submissions nila to EMB for the evaluation.

Atty. Abbas Lao: 2:51:03

Thank you Dexter, any other response from the project proponent?

Emmanuelle Feliciano: 2:51:23

Emmanolle Feliciano from FDC Misamis, We will wait for the guidelines of Forest Management Bureau. We have raised this with the Forest Management Bureau so we will be guided on how we will implement our carbon sink program. We have yet to receive the guidelines po, but we are open to implement if there are guidelines that will be issued.

Atty. Abbas Lao: 2:51:50

Ok Thank you very much. Mr. Ello are you satisfied with the answer given by the project proponent?

Mr. Ello – MENRO Villanueva 2:52:16

OK na Sir. Just kwan lang na mabigyan kami ng guidelines para guided lang din kami sa monitoring. Another questions sir. Sir Lubos lubosin ko na ito. So una, sa ECC natin generic yung nakalagay na SDP / IEC, so hindi specific. Paano kami mag monitor, so sana dyan sa SDP/IEC sa ating ECC mayroon nang framework na nakalagay na iyan talaga ang basis naming for monitoring. Kasi walang basis e. pag gusto lang nila na ito ang SDP naming, mag follow na kami, so sa EMB siguro may framework na duon kami papasok o duon kami magmonitor. So I threw this to EMB.

Atty. Abbas Lao: 2:53:32

Ok Thank you Mr. Ello, so the question is pertaining to the SDP requirement in the ECC. So any response from EMB?

Engr. Dexter Tabada: 2:53:49



Thank you Sir, siges po, noted po sir yung concern nyo po sir. I coordinate po namin sa proponent to have a more specific na SDP Sir.

Atty. Abbas Lao: 2:54:07

Thank you Dexter, I think the requirement in the ECC, I think the project proponent is required to submit the Social Development Program annually. So the Social Development Program submitted by the project proponent that is the SDP program that will be monitored by the Multipartite Monitoring Team and then of course the preparation of the annual Social Development Program of the project should be properly coordinated with the concerned barangays and the municipal government, so that is the process no. So noted Mr. Ello. Noted yung observation mo.

Mr. Ello – MENRO Villanueva 2:55:05

Second to the last Sir. Yung CSR, Corporate Social Responsibility nila, so kailangan sana sa FDC that their CSR is concrete CSR that is consistent with the program of the LGU not that they are the one who identify it. Because there are programs of the LGU that needs the assistance of the industries because we are only a second class municipality then we need help of this industries so that our projects and programs ay magkatotoo.

Atty. Abbas Lao: 2:55:50

OK so thank you very much, any response from the project proponent pertaining to the Social Corporate Responsibility the concern of Mr. Ello raised. It should be consistent in line with the program of concern Local Government Units. Any response from the project

Ana Miso: 2:56:16

Good Morning po Atty. Lao, may I be recognized. Ana Miso po from MDC Misamis.

Atty. Abbas Lao: 2:56:22

Yes, you are recognized ma'am.

Ana Miso: 2:56:24

Ok, Good Morning once again, this is Analiza Miso from FDC Misamis. Thank you very much Sir Oliver for raising the concern which yes, it is really a variable comments. The SDPs and IECs were submitted annually, it has been presented at MMT as well which I am sure you know it well diba? Then with regards to aligning into the programs of the LGU, there are consultations that we did right? But probably we will enhance our coordination with you in order to really craft in much better CSR programs for the succeeding years that I know that we had our meeting as well with our LGU. Regarding that I am also check the DBPs of our barangays. As well I would like to add that the SDPs we implemented were captured from the social economic profiling request conducted prior to the operation of the plant. And again, I'd like to reiterate po sir that we will improve our coordination regarding our planning for SDPs in our host communities. Thank you po. Thank you Atty. Lao.

Atty. Abbas Lao: 2:58:00

OK thank you.

Mr. Ello – MENRO Villanueva 2:58:02

This is my last concern and this concern took me 18 to 20 years kasama kita palagi Sir sa battle cry ko na ito. This is employment, On your first project the 405MW we have only already below 30% of employment rate from the stakeholders, the local stakeholders. Can we improve this and can we give certain percentage how much is due to Villanueva? Because I still believe that Social Development Program, the best Social Development Program that will be given by FDC is through employment. So can you give us a real percentage of uhm...ilan ang maha-hire sa Villanueva o ilan ang na-hire, because pirmi lang mi ganun na you are priority of employment but still in my 20 years of public servant, hindi pa namin na...di pa gapun na makabenefit on the employment side no? kaya naabutan man gud ya dyan sa atong kwan dyan sa ECC priority man employment of local stakeholders or local residents if qualified. Now, mayroon kayong Cadetship program na ginawa baka maayo tihali nga daganan na atong cadets para dagan sa madawa hindi sa Villanueva kaya itong among cadetship program kwarenta nakabuo and that constitute only 28% of your course of



your regular workers. So dismayado kaming taga Villanueva kay sa dugay na panahon, walang napirmi. I am murakog kanuday hidlaron ng anang inyong employment. So kung ato na matagal percentage ug transparent for the hatong pag hire, then maybe makasinabo tana na. so I know you need endorsement from Sangguniang Bayan no? And Sanggunian Bayan amenable to my suggestion na kailangan may percentage na ihatag para sa mga taga Villanueva dili lang kay amo makita diha halos dili na taga Villanueva, outside world aw, kalayo na. The Best Social Development Program that you will be given to the municipality of Villanueva is through hiring of local residents.

Atty. Abbas Lao: 3:01:33

OK thank you very much Mr. Ello, may I request any representative from the project proponent FDC to answer the concern or question from Mr. Ello.

Ana Miso: 3:01:53

Good Morning Atty. Lao, Ana Miso here may I be recognize please

Atty. Abbas Lao: 3:02:01

Yes, Ma'am Ana you are again recognized please

Ana Miso: 3:02:03

Good Morning once again this is Analisa Miso from FDC Misamis. Sir with regard to your concern on employment, we will coordinate with the LGU regarding this po and but then I would like to also answer on regarding the cadetship program. With regard to the cadetship program, we tried inviting applicants for the cadetship program. We have our activity before, we invited and disseminated information from barangay down to LGU. Unfortunately, we only got two applicants and then we also went at the LGU in partnership with PESO, we went there our Training Manager, our Plant Operation Manager and other team members in order to wait for the applicant for the cadetship program. Unfortunately, they ends that they got only two applicants. Then but anyway, yes we will work with the LGU regarding this in order to improve a possibility of really hiring or prioritizing the locals but we cannot promise here now to give the percentage but we will work with the LGU regarding this. Thank you po.

Atty. Abbas Lao: 3:03:41

Thank you, thank you very much ma'am Ana no. It seems that Mr. Ello violated our ground rules that are limited only for 2 questions each participants. But may I explain it as a hearing officer that Mr. Ello is a total a hindi lang dual personality itong si Mr. Ello but three personalities. 1st he is the incumbent MENRO of the Municipality of Villanueva so for that personality I give him 2 questions. 2nd he is the Chairman of the Multipartite Monitoring Team and again the 2nd question is attributed to that personality and 3rd of course his personality as a local resident of the Municipality of Villanueva that's why I gave him again 2 questions. That is the reason why I authorized him to asked at least six questions. That is the personality of Mr. Ello. We will give other participants a chance to raise their questions po. Thank you.

Atty. Abbas Lao: 3:05:12

Any question or concern po from other participants of this public hearing?

Atty. Abbas Lao: 3:05:21

Jeric Emano our... I think Hon. Jeric Emano is raising a question? Sir Jeric. You are recognize, Hon. Jeric Emano

Jeric Emano: 3:06:03

Ito questions ko, yung presentation kanina ni Ana regarding sa tax, yung chart nya, yung presentation. Bakit hindi, suppose to be sa aking pagtingin suppose to be ma-increase na yung tax na binayad ng FDC sa LGU. Bakit from 2017 to 2020, bakit hindi, ang total parang bumaba? Saan ba binase? Yung RPT o Distribution?

Atty. Abbas Lao: 3:06:37

Ok, Thank you very much Hon. Jeric Emano for that questions, may I ask any representative from FDC to answer the question pertaining to the tax payment of the project proponent.

Emmanoelle Feliciano: 3:07:00



1124 FDC Misamis, Emmanoelle Feliciano. So we got this from our accounting the actual paid for 2020.
1125 2018, 2019, 2020. There may be a timing difference that's why the 2020 is just lower than 2019 but
1126 we will clarify po on the RPT.

1127 **Atty. Abbas Lao: 3:07:30**

1128 Ok, So.....

1129 **Jeric Emano: 3:06:03**

1130 Yes, yes sir for clarification purposes only. Thank you ma'am. Thank you Atty.

1131 Another question Atty. follow up. Itong impact barangay bakit hindi, sinabi ko na before sa MMT,
1132 bakit hindi nasali ang Barangay San Martin as impact barangay? Ito lang Barangay Tambobong at
1133 Balacanas. Bakit hindi ma-consider yun bang membro pa ako dati ng MMT, ako pa yung dating
1134 Barangay Kapitan, i-suggest ko bakit hindi sa ngayon hindi nakalagay. Sa presentation ni ma'am
1135 Ana, kasali man sa impact barangay.

1136

1137 **Atty. Abbas Lao: 3:08:29**

1138 Ok, So thank you for that question. The question is why is it Brgy. San Martin is not included in the
1139 impact barangay. May I ask the project proponent to answer that question?

1140

1141 **Ana Miso: 3:09:00**

1142 Good Morning Sorry nakamute pala ako. Good Morning Atty. Law may I be recognize please?

1143

1144 **Atty. Abbas Lao: 3:08:07**

1145 Yes, you are recognize ma'am

1146

1147 **Ana Miso: 3:09:09**

1148 Good Morning everyone, Analiza Miso again from FDC Misamis. Hon Jeric regarding sa San Martin
1149 as not included as impact barangay? And you mentioned Tambobong, Balacanas. So as to impact
1150 barangay it is included right? But the host barangays are Tambobong, Balacanas, Sta Cruz because
1151 the host barangay, it will be classified as host barangay to the physical plant found in that area and
1152 the impact barangay that we have are Mohon, San Martin, and Baluarte. So it is part pa rin po Hon.
1153 Jeric but it is not the host. Thank you, hope it answer the question.

1154

1155 **Atty. Abbas Lao: 3:10:07**

1156 Ok Thank you Ma'am Ana no. Hon Jeric are you satisfied with the answer given by the project
1157 proponent?

1158

1159 **Jeric Emano: 3:10:17**

1160 Thank you very much Atty.

1161

1162 **Atty. Abbas Lao: 3:10:44**

1163 Any questions or concern from other participants of this public hearing?

1164

1165 **Atty. Abbas Lao: 3:10:51**

1166 Yes, the Barangay Chairman of Barangay San Martin is recognized

1167

1168 **Chairman of Barangay San Martin: 3:11:01**

1169 I have two questions. One question is unsa may mga benepisyo sa kataw-an sa San Martin kung
1170 pughutan nato nga na expansion ng FDC maitabo. Ika duha I am reiterating the question of Kagawad
1171 Jeric Emano, i-clarify ko as impact barangay, paanong walang mai-share ang barangay San Martin
1172 sa ER 1-94? With that labaw na nga ang STEAG, ang mga impact barangay nila like Dayawan,
1173 Katipunan which is very far from the plant, the proponent. Nano man nga appear man sila sa ER 1-
1174 94 unya nga FDC nga kami na adjacent, kami na nagsinlok ng kanilang pollution diha. Ang
1175 Tambobong ug Balacanas is very far. Wala naman Tambobong ug Balacanas diha na personnel kay
1176 adto naman sa among area girelocate, ngano man an, ipatubag na ana sa ira atty.

1177

1178 **Atty. Abbas Lao: 3:12:19**



OK Thank you very much for your question Kap. So dalawa ang concern ni Kap no. 1st is what are the benefit that will be given to the constituents of barangay San Martin as far as the proposed expansion project. 2nd is Why is it Barangay San Martin which is part of the impact Barangay is not included in the ER 1-94 so very valid ang question ni Barangay Chair. May I request any representative from FDC to answer that two questions?

Ana Miso: 3:13:12

Good Morning Ana here may I be recognized Sir? Mr. Chair?

Atty. Abbas Lao: 3:13:20

Ma'am Ana, you are again recognized

Ana Miso: 3:13:22

Good Morning everyone, Analiza Miso again from FDC Misamis. With regards to the two concerns raised by Hon. Kapitan Sabio, First as to benefit of Barangay San Martin community. Uhm, In terms of ER 1-94 San Martin were not be included or is not be included, because based on the guideline of the Department of Energy, the host LGUs, Barangay, Municipalities. There are classification that is really based on the guidelines that we follow. So inane sya Kap, ang nakareceive sa ER 1-94 share ay katong mga brgy. kung asan natukod ang iyang planta the physical plant. Tambubong, Balacanas, naa deri ang among physical plant, kani ung buildings namo. Sta.Crus is one of the host brgy. diha sa Tagoloan because ang among Raw Water Pump House naa diha. Nakatukod ang among Raw Water Pump House dili sya apil. Unfortunately ang San Martin kay wala man natukod na mga structures diha sa atong brgy. San Martin.

Second another benefit nga pwede natong mahatag diha sa atong brgy. San Martin is kaning atong mga CSR Programs, which I know we cannot compare it sa atong silingan na planta. Tungod kay among silingan nga planta, mao man ang naghost ,sa ilaha diha, diha man natukod ilahang planta. with that dili namo macompare. But CSR Program which are voluntary programs for the LGU, Brgy. LGU of San Martin and the Brgy. Community members that's what we can offer and another is if we have cadetship program, we have employment ang our constituent, diha sa Brgy San Martin, will qualify base on the qualification set, na kung unsa man na nga employment job giopen para sa atoang mga katauhan then that's another opportunity that we could offer for Brgy San Martin constituents. Thank you and hope that answers the questions.

Atty. Abbas Lao: 3:16:13

Ok thank you very much, Ma'am for that questions no, I hope Brgy Chairman is satisfied with the answer. But uhm..Brgy Chair are you satisfied? Naka off ang imong sound.

Chairman of Barangay San Martin: 3:16:35

Ok na sir.

Atty. Abbas Lao: 3:16:39

Ok thank you very much,

Chairman of Barangay San Martin: 3:16:40

Sir I'm not satisfied of the answer. The STEAG sir I'm referring the STEAG, they have their impact barangay. All of the impact barangays of STEAG, Dayawan and Katipunan layo kaayo Sir, very far pero they received the ER 1-94, while the Tambobong and San Martin adjacent in boundaries, diin nila, kami ang nagsinlok ng kanilang kwan diha. Unya ang Tambobong wala na layo na kaayo, wala na katao sa Tambobong ug Balacanas na unsa man na xxxx nya na DOE asan DOE, nag approved ang DEO sa Dayawan ug Katipunan.

Atty. Abbas Lao: 3:17:26

Ok. Ok, thank you very much Kap. Anyway, I think we have representative here from Department of Energy no. Before this open forum, I browse this participants, names of participants and we have so many participants from Department of Energy. So I hope that they can clarify that issue that San Martin which is adjacent to the power plant of FDC although they are not considered as the host barangay because as explained by a representative from FDC, there is no physical structure



constructed within the territorial jurisdiction of barangay San Martin, but barangay San Martin is I think part of a direct impact barangay as identified by the project proponent. So may I request any representative from DOE to further expound the issue on the sharing of kining itong ER 1-94 please any representative from DOE?

Ana Miso: 3:18:50

Atty. Law, may I be recognized again please?

Atty. Abbas Lao: 3:18:54

Yes ma'am before siguro ma'am no, ipa-clarify muna natin sa any representative from Department of Energy. Because sa kanila itong kwan e, they are the one who issued this ER 1-94 so.

Hersey Dela Cruz: 3:19:18

Good Morning Sir,

Atty. Abbas Lao: 3:19:20

Yes ma'am, can state your name ma'am before you clarify the issue?

Hersey Dela Cruz: 3:19:29

Yes Sir, this is Hershey Dela Cruz from Department of Energy Planning Bureau. Sir paki ano lang, kasi hindi ko masyadong naintindihan yung concern, although in-explain mo naman sorry hindi po ako nakakaintindi ng local language po.

Atty. Abbas Lao: 3:19:47

I will explain to you yung issue no. Ang concern kasi ni Brgy. Chairman ng Brgy San Martin is they are not included in the barangays who were provided by sharing dun sa ER 1-94. Now it was responded by the project proponent that Brgy San Martin is not actually a host barangay. They are not entitle to share with the ER 1-94, because no physical infrastructure constructed within the territorial jurisdiction of Brgy San Martin, although as mentioned by the Brgy Chair they are one of the I think directly impacted barangay identified by the project proponent. So ang question po is bakit hindi sila entitled to share with the ER 1-94?

Hersey Dela Cruz: 3:20:54

Thank you sir. Actually Sir, yung nga po talaga ang nakalagay sa circular that only yung host kung saan yung physical, yun mga infrastructure mismo yun ang makakareceive ng shares from the er 1-94. But that is only for the barangay. Remember sir that there is a municipal and provincial shares in the ER 1-94. So the barangay, yung barangay po ni sir, should have shares coming from the municipal shares and even sa provincial shares. So wala po dun sa barangay shares kasi walang physical. But dun sa municipal at provincial dun supposedly then and in terms of ano po, hindi lang naman monetary, there are also other benefits that the barangays can have as direct impact areas nung project. Yun po sir, sir kasi po hindi po natin palitan kung ano yung nandun sa circular kasi defined po kung sino talaga yung bibigyan ng shares. So yun po sir. Thank you po.

Atty. Abbas Lao: 3:22:17

Thank you po ma'am Hersey, representative from Department of Energy for that clarification. So it was clarified Kap na katurang barangay giud ang naay physical infrastructure nga na tukod muy entitled to share with ER 1-94. But ang municipal government of Villanueva have share and of course the provincial government they have also share dun sa ER 1-94. So I hope, it was clarified ang concern ni Brgy Chair of Brgy San Martin

Chairman of Barangay San Martin: 3:22:57

Ah Sir yung sinabi ni representative ni DOE na sabi pa nya na ang municipality at saka ang province na makareceive ng share ng ER 1-94, dalawa man yan RF at saka RWHEEF, so duon ba namin kukunin ang share naming sa municipality naming at saka a province and share? Ay sinabi man nya, sinabi nya kanina, pangalawa ito magkaiba ba ang DOE circular na refers to STEAG? Bakit ang STEAG Power Plant, bakit ang barangay Katipunan at saka Dayawan, wala naman structure duon, pero bakit nakareceive sila at duon ilagay sa kanilang account, ipinaopen account sila at duon



inilagay ng DOE ang nareceive nila na amount. Bakit dito sa and impact barangay di makatanggap, so magkakaiba ba ang DOE explanation sa STEAG at dito sa FDC? Yan lang ang i-clarify ko.

Atty. Abbas Lao: 3:24:19

Thank you, Thank you Kap for that follow up question, so can you clarify ma'am from DOE na kung meron bang. Mayroon kasing power plant, other power plant ng sinasabi ni Kap na kahit daw yung dalawang barangay na walang physical structure na naka construct dun e they were able to get share from ER 1-94 of that company. So yun ang concern ni Kap na while this company is allowing that barangays to share with ER 1-94. Itong isang company which is FDC hindi pwede sa kanila. Can you clarify that ma'am?

Hersey Dela Cruz: 3:25:08

Sir, isa lang po yung circular na pinagbabasihan natin. Hindi ko lang po alam kung bakit yung STEAG nagbigay sila ng benefits dun sa other barangays na hindi naman nagho-host. So company decision po yun, baka part po yun ng kanilang CSR or part ng SDP nila nung ginawa yung EIA process. Baka isinama po nila yun sa mga conditions. Basta po kung circular yung pag uusapan, yung host lang po talaga and opo, Chairman, talaga pong kailangan, duon po talaga kayo kukuha kung wala pong physical infrastructure within your barangay, talaga pong yung tatlong funds po, talaga pong dun kayo kukuha sa share sa municipality. Ngayon po, kailangan lang po ni Kap, makipag ano sa kay mayor at provincial governor para makakuha sila ng share. Thank you po.

Atty. Abbas Lao: 3:26:14

Thank you, Thank you ma'am and Kap I hope it was clarified no ang circular

Chairman of Barangay San Martin: 3:26:30

Atty. last question

Atty. Abbas Lao: 3:26:31

Ok, last question please

Chairman of Barangay San Martin: 3:26:33

Pwede bang makahingi kami ng parang authority na ang Brgy Chairman or Treasurer of Brgy council of San Martin na makahingi o makakuha ng shares sa municipality at saka sa province. Kasi verbal lang ito anong basis naming? Mayroon bang MOA? Yan lang kasi pag sinabi mo na punta kayo sa municipality anong basis naming? Para kaming tanga dun. Yan ang i-clarify Atty.

Atty. Abbas Lao: 3:27:15

Ok, so ma'am is there any component or regulation they can site when they diba concern Brgy San Martin will asked their share from the ER 1-94 of the municipality particularly of Villanueva?

Hersey Dela Cruz: 3:27:40

Sir, in terms of authority, I am not in the position to give that authority po. Actually I'm also attending as one of the resource person of the EIA Review Committee. I am just responding to this concern. Pero po claro naman po dun sa Department Circular na yung radiating benefits nung ER 1-94. Barangay, then Municipality, then Provincial nandun naman po yung sharing, I am sure naman po na yung barangay ninyo ay part nung municipality of Villanueva, so talagang may share po yung lahat ng barangay within this municipality. Yun po, Thank you po.

Atty. Abbas Lao: 3:28:33

Thank you, Thank you so much for that clarification, so I hope na clarify nato si Kap so. With that may I hear from other representative or participants from this public hearing kung na amoy mga issues and concerns pertaining to the expansion of the FDC power plant

Ian Rivera: 3:29:00

Chair Lao, can I be recognized?



Atty. Abbas Lao: 3:29:08

Yes, Mr. Ian Rivera from PMCJ is recognize po, you are recognized

Ian Rivera: 3:29:16

Thank you very much Mr. Chair. My question is related to the presentation of Mr. Edgardo Alabastro. I'm expecting in this public hearing that the presentation should tackle about the environmental impact study, meaning to say that not just discussing the current impacts but since there is an expansion and the expansion is 6 units of 135 MW that around morethan 800MW of coal capacity. So there should be study about what would be the impacts, the potential impacts and also a study or a recommendation on how this impact would be mitigated. But in the presentation of Mr. Alabastro, I cannot see fully explaining what are the potential impacts of this expansion and also how this potential impacts be mitigated? Which is really, really important because we are talking here about impacts and this is one of the reason related to this point is the issue on carbon sink which was raised a while ago by our MENRO and the issue about coal ash and the issue about, just discussed a while ago the impact barangays. So I will start with the carbon sink. In many of the EIS presentation that we are attended, the proponent, the EIS presentation since the technology is what the proponent as already mentioned is very familiar to the proponent then in that study, they should have quantified how much carbon dioxide and coal ash that will be extruded from the plant. Coal Ash, by the way there's two type, there's a fly ash, how much fly ash will be produce within a year of the 24/7 operation of the coal plant. How much that should be quantified and how will that be captured, because for the benefit of all of us here. The scientific study of the Environmental Panel of Climate Change IPCC composed of 2000 scientists around the world, come up with a special report called 1.5. And it's available online, ining special report on 1.5. The IPCC scientists said that it's difficult not to continue, but difficult to continue emitting carbon dioxide. Because ang tibok ka nang planeta is already filled with carbon dioxide or greenhouse gas. And that's why we are experiencing this global warming at a very, very unprecedented scale. And we experienced the worsening type of typhoons and other impacts. So that's why that the coal technology that should be constructed, should be able to capture to be able to capture the most no, of this fugitive carbon dioxide and the coal ash. But yet in the presentation, there's no quantification and even EMB, EMB already has been with so many public hearing, should be able to quantify that because if you cannot quantify it, then how can you reduce the impacts or mitigate the impacts? That's one and second, Second, in relation to the in relation to the carbon sink, a carbon sink is not just, it's not just setting up mangroves or protecting mangroves well others report that there's are there are mangroves being protected. The carbon sink is not just only about that, the carbon sink is also about the capturing technology of the fluidized technology a circulating fluidized technology that will be set-up and that technology is already common, as I've said no, that's really really common. So you can really quantify the waste that that will, that will be the product of its operation. It's not clear so that the EIS does not say about that and they are yes is really really important because it concerns about mitigating kung sa binisaya pa kung sa on nato ma wag tang ang kanang nahimong impact o epekto mga kadaot na resulta sa operation sa planta lisod man kaayo nga pasanda nga maapektohan daghang nga mga tao. Ganiha lang ang Brgy Captain sa San Martin gaingon nga sila ay naigo aning mga pollution. That should be that should be reduced and the reduction is scientifically presented in the EIS. Kay expansion man ne, andun nay un study scientific study unsa bay madungag nya epekto dito sa kadagatan o kung sa una nya pag mitigate, And the last one is about impact barangays, the impact barangays is scientifically determined and this is determined according to the EIS, because the EIS is your scientific way of making the study of the impacts. So the impact barangays is not just determined by the Department of Energy circular. It should be determined by the study how many barangays that will be affected in terms of the impacts of on groundwater kay ang planta mo kuha man sya tubig fresh water ang planta kag circulating fluidized bed mana. So pinaka litro or millions of litres of water that it will consume throughout the year og kung sama na mahimong epekto sa water table as a water table diha sa Villanueva. Ug ka impact sa water table dito sa mga residente na nagsaligsa ug tubig at sa mga water source. So that should be that should be quantified. And that should be quantified how much water fresh water that it will use and how much water the hot water that it will read. It will dump into the into the sea remember na ag init na tubig once it will reach the sea, it will affect various marine life if there are still marine life because there are already existing coal plants they're operating. Um, so back to that impacted barangay it should be scientifically scientifically determined. And and that's that's the question of the barangay Captain here in San Martin because if you can see in the Google map on



the Google Earth, San Martin and the Brgy San Martin is the barangay nearest to the coal plants and to the two coal plants right now. And if that if there will be an expansion Barangay San Martin is the is the nearest in terms of distance? So we were able to measure that how how, how are the barangay San Martin to the to existing coal plants it's less than 300 meters so less than 300 meters and how can that be that they can they cannot be considered impacted barangays. So I'm surprised because that should be a result of a thorough EIS. So when you do the EIS and go around doing the study, then by by visual, by ocular, you can really, look, what are the barangays that are nearest to the plant. And one of the barangay is Brgy Baluarte, and they're also fisherfolks in Barangay Baluarte. So I found that the EIS presented here, that the EIS is really, really insufficient. Considering how that impacts what are the impacts, the quantification of the impacts, and how this impacts will potentially impacts will be reduced in relation to barangay San Martin issues. I'm really I'm surprised by barangay San Martin is not considered as an impacted barangay we're in fact, it's the nearest barangay compared to other barangays right now. I think there's a need to for the Department of Energy to update what what they define as impacted in relation to Villanueva is that are the two barunga is that the considered host barangays are still existing barangays territorially, because what we learn that these barangay territorially are no longer there. It's already occupied by the coal power, coal power plants operating right now. And the the residents will move somewhere else. Do we move somewhere else? Okay. That's all for now. I might say my questions a while later.

Atty. Abbas Lao: 3:40:35

Thank you. Thank you Mr. Ian Rivera for that very intensive question, to reiterate the question is directed to the presentation of Dr. Alabastro regarding the perceived impact of the proposed expansion of the project. How this impact will be mitigated by the project proponent? So ang mga detailed of the question of Mr. Rivera is first quantify the emission of fly ash and how it will be captured in the carbon sink program of the project? Second is a carbon sink, not just protecting the mangrove, but the capturing of the carbon that will be in the plant especially that yung operation nila is double from the original approved capacity of the project, Third is wala daw mapresent yung study on the impact of the proposed expansion on marine resources. I have seen in the presentation na yung sa impact na pinresent ni Dr. Alabastro na parang may expansion dun sa intake at saka outfall ng cooling water nila. Then forth na niraise ni Mr. Rivera is the determination of the impact barangay should not be based on ER 1-94 of DOE, but it should be based on the impact study of the project. So, I hope Dr. Alabastro is listening and can you give us enlightenment as far as the issues raised by Sir Ian Rivera.

Dr. Edgardo Alabastro: 3:43:12

May I recognize Sir?

Atty. Abbas Lao: 3:43:15

Yes, sir, you sir, you recognize the question is directed to your presentation.

Dr. Edgardo Alabastro: 3:43:20

May I also FDCMP respond to the question of the gentleman which we do recognize. Maybe I should explain that the contents of the EPRMP are all based on the technical screening requirements one by one without any exception. Any it has passed through a review committee evaluation, which is did you answer in simple terms, the EIS preparer answer in with the revised procedural manual. In other words Sir, we duly recognize your question the EIS preparer, which I represent did actually comply with all the requirements. Unfortunately, maybe we only have a few hours to discuss, but it's all embedded in the EIS report. In fact, procedurally, if our EIS report did not meet the requirements, so special requirements and based, if I may say so my 30 years of experience with Philippine EIS system, we could not have done this far and I don't think EMB would have allowed the conduct of a public hearing. Again, sir, I'm invoking my 30 years of experience with the Philippine EIS system, the starting from each exception at one time also and your committee member. Let me say these with respect to the identification of the impact area, the identification of the impact area, the barangays were was based on the DAO 2003-30 and DAO 2017-15. So Sir, those are for the record, are the responses of the EIA prepare and maybe I could defer to the proponent on matters relating to carbon sink. So that's it for me at this time. Thank you very much.



Atty. Abbas Lao: 3:45:50

Ah, sir, while we appreciate your answer, but I understand that your presentation is just a summary of the environmental impact assessment or EPRMP prepared for the project expansion but can you give us a detail of the detailed question based by Mr. Ian Rivera? Yes, we understand that your presentation is limited because you cannot of course present to us the whole EPRMP but, I hope you could response dun po sa mga specific issues raised by Mr. Rivera, no, you have already replied dun sa impact Barangay as you have said it is in accordance with the specific guidelines of EMB so we recognize that answer. Yung first for na issued ni Mr. Rivera is the quantification of the emission of fly ash and yung mitigating measures on how to capture that because, yes yung project originally ano lang yan uhm, three kuwan lang yan, so you are expanding it 100% so shempre yung emission nung fly ash a 100% din matataas yun. So ang concerned po ni Mr. Rivera is hindi niya nakita dun sa presentation mo kung ano yung quantification if you have quantification of the fly ash that will be generated as a consequence of the expansion of the projects at ano yung proposed ng company na capturing in relation to the carbon sink. Yun yung isang issue nya. Another issue is ah.

Dr. Edgardo Alabastro: 3:47:53

May I please, excuse me po. Can I answer one by one para po for sure?

Atty. Abbas Lao: 3:48:01

Yes Sir, Please

Dr. Edgardo Alabastro: 3:48:02

Yung pong tungkol sa quantification and please andyan po ang FDCMP nag usap na kami and how it has been handled. If kung fly ash, are two ways of quantifying, one you take the volume in tons/hr of the feed coal and then you get the percentage of the fly that is quantification. Straight arithmetic straight sto chemistry po and the other way is based on experience because FDCMP has already has experience on fly ash generation that is the simple answer to quantification. Straight chemistry and experience. As to the management, It was also said that the fly ash is being taken by third party for re-use as evidence by existing and proposed contracts. So, it will be taken by the party for their own beneficial and environmentally friendly use. So, yun po ang answer ko, unless PDCMP my want to correct me, please do so or expand. FDCMP?

Atty. Abbas Lao: 3:49:23

Thank you very much Dr. Alabastro. no another another technical concern issue raised by Mr. Rivera, is yun pong impact of the proposed expansion dun sa marine resources natin, it seems that wala po kayong na present dun sa presentation nyo but I am sure it is part of the environmental impact study prepared by the EIA preparer. Ano po yung impact dun sa marine resources natin as far as the expansion is concerned any detailed baka po pwede mong i-enlighten yung participant natin.

Dr. Edgardo Alabastro: 3:50:10

Thank you, and again thanks to the gentleman who asked the question. Ang impact po sa marine species or fish corals are identified as the most significant species this base on thermal impact. During construction there are no additional jettuy, So hindi ma da-damage and corals. Okay, if there are restructures like applied to the constructed design engineering details, which are undertaken post ECC, we ascertain, that the columns and the structure that will hold the pipe will not damage destroy any corals during the construction stage. During the operation states, constructed na po yung structure, which is nothing more than pipeline the impact that we have review is the impact of Thermal, kasi wala naman pong substance walang chemicals na lumalabas sa planta going to Macajalar Bay, wala po ang tubig po ay hinihigop sa Macajalar Bay at binabalik lamang. Ang process water po ay Tagoloan River, bumabalik din po sa Tagoloan. On thermal impact ginawan na din po naming ng study na nagpakita na duon babagsak ang tubig, of course slightly elevated, wala pong significant amount of corals. So yun po ang aming pinag-aralan at dahil nga po sa corals, ipinaliwanag lamang po sa aming summary na na no impact. Pero salamat po sa inyong tanong at hopefully po nasagot na naming ito.



Atty. Abbas Lao: 3:52:03

Thank you very much, Dr. Alabastro for that enlightenment no, so I hope that Mr. Ian Rivera po is listening and satisfied with the answer of the preparer with regards to the issues raised by Mr. Rivera.

Dr. Edgardo Alabastro: 3:52:22

Sige po baka mayroon pang iba?

Ian Rivera: 3:52:27

Thank you, thank you Mr. Chair. I'm familiar with the EIS, because we've been allot to studying EIS is in many of the coal-fired power plants in the Philippines. And when we say impacts, it's really, really specific to a certain site, where the plant will be constructed. When we say it is specific is to determine the impact, a baseline should be established first. Because how can you determine the impact if you have no baseline? So that's that's that's exactly what we mean scientifically when we say impact. But, to the to our gentleman prepare of the EIS, Sir Alabastro. What I am asking here is this specific to that plant that will be constructed in Villanueva. Since there are already, there are it's a six units of 135. So, it's the impacts should be quantified or quantified like how much? You know, again, I'm going to repeat it. How much coal ash are we talking about now is the nine, nine, the coal ash pan that's being constructed when will accommodate the the coal, the coal ash as a byproduct of the operation. For all of us here, let us be reminded that coal ash is a coal ash is a hazardous, it's a hazardous waste. It's considered by the Environmental Protection Agency of the US as a hazardous waste. And that's how that coal ash pan will be constructed to make sure that the coal ash that the coal ash will not will not penetrate the water table. Once the coal ash will penetrates the water table, it will contaminate the water table that will be consumed. I know that every most of us here is aware on that. It will contaminate the water source of the residence in Villanueva. So those are important, those are important to be established the quantification, the baseline, and how and how this new construction, will add on those impacts. Second, second, because I'm talking here about science, the second is carbon dioxide, because carbon dioxide warms the planet no iyang gapainit ang atong kalibutan xxxxxglobal warming garon at ang mga scientists in inter governmental Panel on Climate Change, nagsultingan pa ug carbon dioxide didto sa atmosphere, ok lang na gi capture sya. So quantify na to. Since FDC already claiming they're familiar with this kind of technology, then they should be familiar on the quantification. So far, Mr. Chair, that the study does not sufficiently answer the question and the question about impacts should be addressed, because we are dealing here with with the people are living near the coal plant. Ang mga tao na nagpuyo diha sa coal-plant na sila directa maapektuhan.

Atty. Abbas Lao: 3:56:54

Thank you, thank you very much.

Dr. Edgardo Alabastro: 3:57:00

May I have one minute po?

Atty. Abbas Lao: 3:57:04

Yes, Dr. Alabastro, you are recognized please, if you have additional enlightenment as far as the issued raised by Mr. Rivera as concern.

Dr. Edgardo Alabastro: 3:57:13

On the quantification of the coral, and how it is manage it this very well written report, my I get help, of my FDCMP, somebody tell me, what is the number what is the amount and how it handled. I have said so that may be you as proponent you did the qualification, xxx the answer. Because we, you reviewed my report.

Hazel Alvarez: 3:57:58

Uhm Doc, yeah, can I answer? This is Hazel from FDC

Atty. Abbas Lao: 3:58:04



Yes ma'am. Yes, ma'am. Yes, ma'am. Hazel, can you please give us a detailed explanation with regards to the issue at hand, please.

Hazel Alvarez: 3:58:18

I don't have here with me the actual figures from the plant operation, but I'm sure it's lowered of what the ball figure that I'm going to use. So if we are using coal from Indonesia of 4500 Gar and 10% of this coal consumption will be resulted to ash. So estimating are 2000 kilograms per unit per day of operation and then assuming that it's 90% availability full load for the whole day. So 90% fly ash and 10% bottom ash from the 10% ash from the coal volume, and we have here 24 hectares area 15 from this and then nine for the expansion. If we will account that the six units will all be operational for full load for the whole day, we can assume point eight meters per day for the six units. But as initially advised awhile ago, we have ongoing agreements with Holsim, Republic cement and a local contractor where the fly ash are being taken off. And from last year our full load projection was not realized because of this pandemic. And so far because the plant is in the open area. All the locals can easily observe if our quantity will exceed whatever we have right now existing dike and not yet considered the expansion area of nine hectares to 12 hectares additional Ash pond. Thank you.

Atty. Abbas Lao: 4:01:04

Thank you very much Ma'am Hazel for that enlightenment. No. So I hope the concern raised by Mr. Rivera is address. But I am also do we have representative from the RevCom were present on this public hearing they might give us enlightenment. As far as the issue race is concerned. I'm sure it was extensively subjected to the evaluation and review of the review committee. Do we have representatives here?

Chito Trillanes: 4:01:55

Mr. Chairman, may be recognized in relationship to the answer of Professor Alabastro, sir.

Atty. Abbas Lao: 4:02:06

All right. Yes, Is that a questions Sir Chito?

Chito Trillanes: 4:02:12

Yes, yes, sir. I'm in the presentation. Sir. I do not see. Detailed presentation on the impact study on health. That's why I'm interested in relation to the issue raised by Mr. Rivera, as an experienced mine auditor in some mining companies. I was very keen on observing the the impact of the operations on the health of the population, especially in the host, directly impacted areas. And I think this is vital information. That's why we raise the issue whether or not the EIS hardcopy has been issued to the residents, especially the barangays nearby of the project, so that they can see themselves what is the savvy in relation to health. So the issues on health would focus more on cardiovascular, Pulmonary and gastrointestinal because, as far as I have mentioned, during mine audits, I observed there is really no aggravation of the health conditions of people residing nearby these plants. So hope this will be addressed. And I hope to see the impact study of this. Thank you, Mr. Chair.

Atty. Abbas Lao: 4:03:53

Thank you. Thank you very much. Mr. Chito Trillanes for that very significant question. No, so yes I understand that even before the the environmental impact assessment for the original project was preferred, I'm sure there is a baseline data conducted by the project proponent on the health within the constituents of the host barangays, and municipalities. So, yes, it is really valid question that considering that the plant has already operated and then they are now planning to expand their capacity of their operation, I think it should be included in the environmental, I mean, in the EPRMP if there is impact of the initial operation of the plant on the health of the host barangay and the municipalities. And of course, it will be related to the proposed expansion of the project. So, do we have included that in the impacts? Dr. Alabastro please.

Dr. Edgardo Alabastro: 4:05:30

That is correction and we did not ignored that, and thanks to the question raised by Mr. Trillanes.



Atty. Abbas Lao: 4:05:43

Sir, no, Dr. can you please reiterate or repeat your question? Kasi naka off po yung microphone kanina hindi nacaptured that is for record purposes and for the benefit of the participant paki repeat po yung answer mo dun.

Dr. Edgardo Alabastro: 4:06:00

Mr. Chair, my kindly respond that, indeed the matter of health and the possible or potential impact of the project on the health of the people are included in the EPRMP report including the baseline. So they are there. Okay, that's what I could say. As a matter of fact

Atty. Abbas Lao: 4:06:33

Okay, thank you. Thank you very much, Dr. Alabastro. So it was confirmed, sir, Chito Trillanes that there is indeed health assessment included in the EPRMP. Although it was not presented yung detail nya po, which is significant information as far as the constituents of the barangay the municipalities concerned. So I hope nandun po yung sa detailed EPRMP yung Health Study. Yung current operation of the plant, and of course, the proposed expansion.

Chito Trillanes: 4:07:26

Mr. Chair, maybe we be furnished of the copy of that, specifically on the impact on health. We're interested in that because we want to confirm on the apprehension of Mr. Rivera, that the the operation you'd have really impacted the health status of the constituents in that area. So the best thing is that we want to see the the records from the DOH, even in the municipal health office, not only the FDC kami meron sila, they are required to retain a copy of that but we want it confirmed by the Department of Health personnel because if we could see you know, adverse impacts on health we will request for a deep study. So magkakaroon po ng isang intensive study on the real costs of you know, cardiovascular infections or whatever that could be related to the Cardio Pulmonary and gastrointestinal impulse of the inhabitants. Thank you Mr. Chairman.

Atty. Abbas Lao: 4:09:02

Okay, thank you. Mr. Trillanes. No, may I clarify from the EMB Central Office if the whole content of the EPRMP or the EIS study on the proposed expansion is included all in the yung link po natin na nasa website na ng EMB, If the group of Mr. Chito Trillanes and Ian Rivera can download all the documents there.

Eng Dexter Tabada: 4:09:32

Dexter Tabada po from EMB, Sir yung EPRMP po as well as yung notice and the ESP are all uploaded po dun sa website and downloadable din po yun sir

Atty. Abbas Lao: 4:09:49

Thank you, Thank you Dexter. Sir for the information of Mr. Trillanes and Ian Rivera the EPRMP and the EIS po is available sa website po ng EMB. So if you want to data copy of EPRMP or EIS study you can download from the website natin po sa EMB Central Office

Ian Rivera: 4:10:26

Mr. Chair, thanks for this clarification and this process, can I be recognized again?

Atty. Abbas Lao: 4:10:32

Sige po, you are recognized again, Mr. Rivera

Ian Rivera: 4:10:36

Thank you Mr. Chair, This is precisely why we were asking because it is not clearly stated in that document he mentioned and that is the reason why we are raising it here again. I am asking in relation to the procedure. When will be a public hearing that will happen, that this specific question can be thoroughly be answered by the proponent and the preparer because this are really, really essential questions, the questions in impacts. I think it is not just OK particularly for the impacted municipality and the barangays an answer that is of very very general this is the reason why we



proceeded with this public hearing in order to hear the presentation of the study. So knowing that, it is not well articulated and we cannot see that in the document that he mentioned. I am seeing that it is really really insufficient the presentation and I believed in the interest of the welfare, the health of the impacted barangays, there should be a period that they should be articulated and presented well. Thank you Mr. Chair for this opportunity.

Atty. Abbas Lao: 4:12:22

Yes, Thank you Mr. Ian Rivera for that concern no, I think, yes you are correct that it should be detailed presented during public hearing, considering the constrain of this pandemic, virtual lang po tayo sa presentation. Although this is a virtual conduct of the public hearing and public scoping is actually covered by memorandum issued by EMB Central Office. However, as I have said if you think that you have detailed issue pertaining to the content of the baseline studies, I presumed that you already have a copy of it and if you still concerned that you really see that it is very significant to be expound or included Environmental Impact study of the proposed project, I think you can still submit it sir to the EMB Central Office because any issues and concern pertaining to the proposed project is still entertained by the EMB Central Office. It will be explained to you by Dexter Tabada later kung ano yung process po after this public consultation. Because any stakeholders who are not satisfied to the conduct of the Environmental Impact study or the EPRMP they are still allowed to submit their issues and concern that gusto nilang incorporate sa EIS document and I hope the members of the Review Committee is present to this public hearing so that they can also the study indeed na address yung issues and concern raised by the participants particularly dun sa health impact of the project raised by Sir Chito Trillanes.

Atty. Abbas Lao: 4:14:50

To proceed our time now is 12:41, I am very very sorry but, we have to extend our time kasi nadelayed yung start ng public hearing po natin. Anyway, I presumed that everybody is a, andyan naman kayo sa mga respective offices and mga balay. If you want to take your snacks you can just close your video and have you some food para patuloy po yung ano natin, because we have to give other chance to other parties to raise their issues and concerns. So to proceed with, any other concern po ng mga participants po natin?

Rara Ada: 4:15:33

Hello, Rara Ada po from PMCJ

Atty. Abbas Lao: 4:15:37

Yes, Ma'am Rara Ada, you are recognized ma'am

Rara Ada: 4:15:43

Thank you po, Salamat Atty. Maayong udto sa tanan, this is in relation po dun sa bilang electric consumer naman, actually madami po akong question pero gusto ko lang i-highlight yung isa sa mga I think pinakaimportanteng pangutana or concern nga gusto ko I put forward. Because kanina po, na mention ni Engr. Perolino kanina na dahil sa pangangailangan o paginahang sa kuryente, bantog nay expansion o kaya ine-expand ung coal-fired powe plant. Kami po sa PMCJ, last year may study po kaming ginawa na as of 2020 ang Mindanao po any mayroong dependable capacity na 4013.25MW and yung contracted capacity po nyan ay around 1813.26MW. Nalaman po natin last year sa study na ginawa ng PMCJ Mindanao, meron pong sobra-sobrang kuryente or excess dependable capacity yung buong Mindanao na around 2199.98MW and almost 60 or 70% po ng kuryento po ay galing sa coal-fired power plant. Kaya po siguro ang itatanong ko po, Bakit po kailangan pa naming ng coal-fired power plant? E sobra-sobra na yung kuryente sa Mindanao, not to mention na grabe and epekto ni ining nagto sa paglalala sa climate crisis. So siguro yun po yung gusto ko lang i-raise nong ka concern na nong kinahawlan pa coal-fired power plant na sobra-sobra na ang kuryente sa Mindanao. Thank you.

Atty. Abbas Lao: 4:17:45

Thank you very much, Ma'am Rara for that question no, yes it was also included in the presentation of the project proponent na one of the objective or justification for the proposed expansion of the project. So may any representative from FDC to enlighten us on that matter or any, siguro the expert



agency of this whether or not we have shortage of requirements for energy is the Department of Energy, if there are any representative from DOE can give us explanation on this issue please share your expertise. Thank you very much, anybody from FDC and DOE po.

Emmanoelle Feliciano: 4:18:45

Sir, Emmanoelle Feliciano from FDC Misamis

Atty. Abbas Lao: 4:18:52

Yes, ma'am you are recognized

Emmanoelle Feliciano: 4:18:54

We're coming from the Mindanao Development Plans, they had two scenarios, high growth scenario and low growth scenario. These are pre-pandemic and the project was pre-pandemic. We're coming from the high growth scenario of 9.6% GDP growth and a low growth scenario of 7.1. From there they presented 2018 to 2040 energy requirement of the region based on the optimistic economic development. Yun yung rason why we wanted to contribute to the continue development of Mindanao. Recognizing that with the high growth development, we need energy, we need power. This is why FDC Misamis is proposing the project.

Atty. Abbas Lao: 4:20:00

Thank you, ma'am for that enlightenment. Any representative from Department of Energy who can further expound the issue raised by ma'am Rara Ada?

Hershey Dela Cruz: 4:20:26

Good Afternoon Sir,

Atty. Abbas Lao: 4:20:30

Yes ma'am, Hershey, you are recognized po. Can you give us or expound the issue raised by ma'am Rara Ada of PMCJ that based on the study po, there is no shortage of electricity or energy requirement particularly in Mindanao, but it is one of the justification of the project proponent that they proposing the project that there is indeed shortage of energy requirement in Mindanao. Can you give us or enlighten that issue?

Hershey Dela Cruz: 4:21:05

Yes Sir, as the representative from FDC has they used the high growth scenario which would really entail additional require additional capacity. And yung additional capacities naman po, it actually really depend on the proponent on what type of project they will implement. For the case if FDC, it's coal but there are also some other proponent who would implement renewable energy projects. So, in terms of energy selection depends on the proponent already. For the Department of Energy, what we do is we just project what is the required demand depending on the historical and projected economic growth. So yun po yung sa DOE. And it depend din po kasi kung kalian mag come on stream yung project. At present as Ms. Rara said, there is excess capacity, actually if there is no pandemic, we would not have that much excess capacity. If we will have continuous growth, then economic growth, then we would need additional power. But in terms of technology selection, it really depend on the project proponents. So yun po, thank you.

Atty. Abbas Lao: 4:22:42

Ma'am thank you very much for that enlightenment. I hope the concern of ma'am Rara Ada of PMCJ is addressed. To proceed with any other concern from the participants?

Hershey Dela Cruz: 4:23:07

Sir, can I also add, may nakalimutan lang ako.

Atty. Abbas Lao: 4:23:11

Yes ma'am



Hershey Dela Cruz: 4:23:12

Actually, in response to Ms. Rara, Department of Energy has also issued a circular on the moratorium for Greenfield Coal Projects. Because as per our assessment also within the department there is really excess coal capacities already.

Rara Ada: 4:23:41

Salamat po sa DOE, pero kasi yung ano yung mga existing power supply agreements na nagsasabi na kaya nilang suportahan o supplyan ng kuryente ang Mindanao ay hanggang ano po, yung mga kontrata ng mga electric cooperatives of mga distribution utilities between generation companies like FDC ay aabot hanggang 2030 and beyond na sinasabi na until 2030 ay may enough supply ng kuryente "Mindanao". And then isa sa mga analysis and findings po kasi naming, ang sabi nung isang expert na kasama naming na from Ateneo De Davao Univeristy. Yung sabi na yung over supply because may competition na there should be a peak capacity plus 25% na reserved margin pero po ang problema ngayon ay yung capacity ay beyond what is needed. Yun yung sinasabi na ibinahagi ng PMCJ.

Hershey Dela Cruz: 4:25:00

Yes ma'am, sorry hindi ko po nakita yung study nyo, also I would like to say din po na I'm with the Planning Bureau and yung details na dinidiscuss po ninyo ay under the preview of the Power Bureau. I am just responding to what I can provide at the moment. Pero tama po yun na ang pagcompute po ng capacity should be peaking plus 25% reserved margin para po yun magkaroon tayo ng reliable energy system the 25% should also respond to the biggest capacity within the grid, para kung mag trip po yung pinakamalaking power plant dun sa grid, mayroon agad susuporta o papalit na project. Yun po talaga yung standard sa pagplano na ginagawa ng Department of Energy. Thank you po.

Atty. Abbas Lao: 4:26:11

Thank you ma'am Hershey for that enlightenment. I hoped we addressed the issue raised by Ma'am Rara Ada of PMCJ.

Rara Ada: 4:26:21

Pede last one question na lang? pasensha nap o.

Atty. Abbas Lao: 4:26:25

Sige, I will give you one follow up question.

Rara Ada: 4:26:30

Tatanong ko lang sana sa FDC kung para kinsa ang kuryente na iproduce sa expansion na project? Like may mga power supply agreement na ba o may mga naka kontrata na ba between FDC and distribution utilities? Thank you.

Atty. Abbas Lao: 4:26:51

Ok thank you. May I request representative from FDC if there is already power contract agreement with regards to the proposed expansion project?

Roderick Fernandez: 4:27:16

Good Afternoon, may I be recognize Atty. Lao, this is Roderick Fernandez from FDCMPC

Atty. Abbas Lao: 4:27:44

You are recognize Sir please.

Roderick Fernandez: 4:27:47

Yung sa tanong po kung may kontrata na, sa ngayon po, wala pa pong kontrata pero ang sinasabi naming na we're anticipating siguro sagutin ko rin yung tanong nya kanina na may over supply ngayon na may over excess capacity ngayon pero papasok po yung expansion naming by 2025 and given yung projection ng DOE na by that period possible po na magkakaran ng deficit although that is pre-pandemic projection kasi during that time, talagang napakataas ng economic growth ng



Mindanao, so we anticipate that by 2005 and beyond mangangailangan ang Mindanao Grid ng kuryente. We're basing our projections on that and we're hoping that during construction period and during the development period magkakaroon po ng competitive selection process ang mga distribution utilities and we intend to participat on those CSPs. Tama rin po na may mga kontrata kami na it would be beyond 2030 those are based on the existing demands po ng mga existing distribution utilities continuous po and pag grow ng demand ng mga distribution utilities, ang mga nakakontra lang ngayon ay yung kung ano ang existing demand nila. So we the projected CSPs maka-capture po duon yung projected growth ng demand sa kanila. Yun po ang tinatarget naming na market.

Atty. Abbas Lao: 4:30:14

Thank you Sir Roderick for that enlightenment, I hope we have satisfied the issue raised by Ms. Rara of PMCJ. So to proceed with...before that time check po the time is 12.57 I will entertain one question from the participant po so that we can conclude this open forum by 1 o'clock po. So any other concern or issues from the participants?

Pat Pantihon: 4:30:56

Sir, Pat Pantihon from PMCJ, may I ask to be recognize?

Atty. Abbas Lao: 4:31:02

Sir pwede po bigyan muna natin ng chance yung other sectors po sir who are present before I recognize you sir. Any other question from other representative po?

Permi: 4:31:21

Atty. Sanguniang Bayan ng Villanueva

Atty. Abbas Lao: 4:31:26

Yes, Sir Permi before you sir, I will recognize first our representative from MSU Naawan raising his hand. So Sir from Mindanao State University Naawan, please state your name sir for record purposes.

Renoir Abrea: 4:31:47

Thank you very much, good afternoon. My name is Renoir Abrea. I am in the research division of the university. Una magpasalamat ako sa invitation. When we're in the public hearing 2 years ago, kanina narinig ko yung presentation about the impacted areas and I thought parang napansin ko mayroon talk about corals. Ang tanong ko is study ba sa corals at mayroon bang estimate ng impact duon sa corals sa impacted areas?

Atty. Abbas Lao: 4:32:42

Although it was already answered by Dr. Alabastro yung impact study dun sa marine resources, but for the purpose of satisfying the question of Mr. Renoir Abrea from MSU Naawan, may I ask Dr. Alabastro sir?

Atty. Abbas Lao: 4:33:23

Parang wala na si Dr. Alabastro, any representative from the project proponent who can enlighten the issue raised by Mr. Renoir Abrea, is there any study of the impact of the project dun sa corals?

Lorelie Bueza: 4:33:47

Good Afternoon Atty. Lao, this is Lorelie Bueza representative from Technotrix, preparer po. May I request to be recognize?

Atty. Abbas Lao: 4:33:54

Yes, ma'am Lorie Bueza, you are recognized po.

Lorelie Bueza: 4:34:03



We do apologize, Dr. Ed Alabastro have to leave, yung signal nya is nagfluctuate. With regards to the concern of from MSU, yes po mayroon pong study na ginawa conducted by Mr. Benji Francisco, makikita po yan sa EPRMP po. Andito na po pala si Dr. Ed.

Dr. Edgardo Alabastro: 4:34:34

Yes, I may not be able to stay I have a little pain but I'll try to answer, yes there is a study, extensive study conducted by marine biologist and by Mr. Benjamin Francisco and his team and it is all presented in the EPRMP. Yes there is.

Atty. Abbas Lao: 4:35:09

Thank you Dr. Alabastro. Can you give us just summary of the study kung mayroon po ba kayong xxx dun sa kuwan.

Atty. Abbas Lao: 4:35:39

Yes Doc, for the purpose of satisfying the question of Mr. Renoir Abrea, can you give us a summary of the marine study that you have conducted kung may impact yung uhm....

Dr. Edgardo Alabastro: 4:35:57

I have a better suggestion, if you don't mind? So that is, he writes to EMB, because the papers are now with the EMB. Alright that is my suggestion and if proponent FDCMP has no objection that I will not have, it is better to write to EMB in my mind, because for example may report kami ngayon and tomorrow nagkaroon ng changes of RevCom like that so yung makukuha nya hindi updated and it is best to write EMB so they will be given the most updated information. Yun po suggestion ko, we have no reservation in providing and again it is best to write to EMB for them to give what ever information requested. Anyway that is the spirit of transparency kaya nga po nandyan na ka upload na po e. Narinig ko kanina, naka upload na po yan. So may suggestion ako, sabi ni Dexter po naka upload, so baka rin po maganda i-upload na rin po ninyo para straight forward nandun na rin po. Di po ba? Yun po ang suggestion ko.

Atty. Abbas Lao: 4:37:26

Yes, with all due respect po sir, this is a public hearing po, we are not requesting naman. the concern of the participant is not requiring you to present the detailed of the marine study that you have conducted. What we are asking po is just the summary of the study, whether or not ther is an impact po yung propose project and yung present capacity of the propose project po.

Dr. Edgardo Alabastro: 4:38:03

I will make a quick xxxxx. Sorry lang po medyo sumakit katawan ko, please write alam po ni Lorie ang address andun po sa end ng presentation and we will give you what you are requesting. Nandun po, please write to us

Atty. Abbas Lao: 4:38:46

Thank you Mr. Alabastro, anybody from the.... Yes ma'am Nilda Mejos

Dr. Nilda Mejos: 4:38:54

Good Noon po Atty. and everybody who are still online. I am the District Supervisor of DepEd at the district of Tagoloan, representing Department of Education. Sir just only a query about this proposed Circulating Fluidized Bed Coal-Fired power plant expansion project. In part of the DepEd sir, what are the benefits or advantages that our children our learners gain from this expansion project specially in the district of Villanueva as well as the Tagoloan district the adjacent district where the plant is situated?

Atty. Abbas Lao: 4:40:16

Thank you ma'am Nilda for that question but before we ask the project proponent to answer your question, I will go back first dun sa issue po, can I request ma'am Lorie Bueza to give us just summary of the marine study, I think Mr. Renoir of MSU Naawan is not requesting for the details to your study po but for purpose of this public consultation, public hearing. Can you give us the summary lang po. We are asking for the summary for the benefits of the participant.



Lorelie Bueza: 4:41:06

Good Afternoon po, with regards po sa summary, wala po kasi sa akin yung complete summary ng corals po.

Atty. Abbas Lao: 4:41:34

Yes, I understand that ma'am but our presumption with all due respect to the preparer of the study po. The purpose of the public hearing po is to enlighten the participants on the perceive impact of the project so we are not asking po for the details of the study. Sana po yung mga ganyan naman po na mga significant question po, should be properly answered by the preparer. But anyway, I also understand your point that you don't have the copy of marine study but I do presumed po na the project preparer should be ready to answer any significant issues and concern raised by the participants specially with regards to the impacts. Anyway, this is a recorded proceedings so I reserved that na lang to EMB Central Office and the members of the RevCom who are present in this public hearing. To proceed with, may I asked any representative from FDC to answer the question raised by ma'am Nilda, District Supervisor of DepEd sa District of Villanueva? The question is what are the benefits of the proposed expansion with regards to our learners in Villanueva?

Analisa Miso: 4:43:24

Good Afternoon Analisa Miso po Atty. Lao, may I be recognized po?

Atty. Abbas Lao: 4:43:29

Yes, mam you are recognize po.

Analisa Miso: 4:43:32

Good Afternoon everyone, I'm Analisa Miso from FDC Misamis. With regards to the question of Dr. Nilda, we will continue our support to the Department of Education through our CSR program and we will continue to collaborate with you, meeting with you and plan with you just what we did for the past year. Thank you.

Atty. Abbas Lao: 4:44:05

Thank you ma'am. Ma'am Nilda, are you satisfied po.

Dr. Nilda Mejos: 4:44:44

Yes we are always partner

Atty. Abbas Lao: 4:46:04

Thank you ma'am. Ma'am Nilda, Thank you for that. To proceed with any other question from the participants from other sectors? Siguro I will recognize two questions from the other participants. But before that, I will go back to Sir Pat Jerd, sir are you still there?

Pat: 4:46:32

Yes, Atty. Thank you very much, I just have a clarification sa sagot ni Mr. Fernandez yata yun sa FDC with regard to the question of Ms. Rara Ada. Sinabi kasi ni Ms. Rara Ada na there is over capacity na, over production na ng kuryente and in fact based in anong contracted, anong yung naproduce nila it almost doubled ang excess. Ang tanong ko lang, kasi sabi sa FDC ni Mr. Fernandez na itong proposed 810MW is projection nila sa possible energy need in the future, now ang tanong ko. How does that fit in with the current excess capacity ng mga power generating companies and with the fact also to couple with the fact also na it has always been process na nauuna yung pagcontract nila ng PSA before the plant here is built para naman I understand na that is an assurance na mayroong customer, mayroong need kung ano yung pino-produce nila. Now ngayon by their own mission, sabi nila itong 810MW wala pa daw silang contractor. So ang nakita ko lang, dadagdag pa ito sa excess nagiging produce na ngayon which is already doubled sa mga contracted energy distribution utilities.

Atty. Abbas Lao: 4:48:18

Thank you sir Pat, I think it was already answered by the project proponent na yung expansion nila is yung projection nila in the future and it was also confirmed na wala pa po silang contract dun sa



2029 proposed expansion nila. So May I request sa FDC to answer the question of sir Pat for record
2030 purposes.

2031

2032 **Roderick Fernandez: 4:48:57**

2033 This is Roderick Fernandez again sir, may I be recognize

2034

2035 **Atty. Abbas Lao: 4:49:01**

2036 Yes, sir Roderick you are recognize.

2037

2038 **Roderick Fernandez: 4:49:05**

2039 Ok, Clarification lang po no, the 810MW the total capacity, yung 405MW is already existing. Ito na
2040 yung nag-ooperate naming ngayon at mayroon na po kaming kontrata dyan. Ang sinasabi ko na
2041 wala kaming kontrata at ina-anticipate namin na by 2005 and beyond magkakaroon ng requirement
2042 yun mga Distribution Utilities. Tama po kayo na may excess capacity po ngayon, pero based nga po
2043 sa growth rate ng Mindanao, mauubos po yung excess by 2025 and beyond. Inihahanda po naming
2044 yung 405MW para po dito sa ine-expect na growth rate indemand ng mga Distribution Utilities. Ang
2045 expectation din is by time, mauubos na din yung excess. May mga ibang factors pa rin kaming
2046 tinitignan like may program din po si NPC na i-rehabilitate yung Agos-Bulangi Hydro, pag ni-rehab
2047 nila yun, depende rin sa program on how to rehabilitate that, magkakaroon pa rin ng equivalent
2048 reduction sa supply, base dun sa rehabilitation program ng government. So, yun po ang mga ina-
2049 anticipate naming na mga opportunities dito sa Mindanao. Of course, andyan pa din yung mga inter-
2050 connection ng Visayas at Mindanao Grid. So, yun po ang mga kasama sa program naming kaya
2051 naming pina-plano ang project na ito, expansion project na ito.

2052

2053 **Atty. Abbas Lao: 4:51:36**

2054 Thank you sir Roderik for that enlightenment. Just one question po from other participants po then I
2055 will declare this open forum, close na po.

2056

2057 **Edgardo Permi: 4:52:00**

2058 Atty, LGU Villanueva

2059

2060 **Atty. Abbas Lao: 4:52:05**

2061 Hon. Edgardo Permi, you are recognize po.

2062

2063 **Edgardo Permi: 4:52:11**

2064 Thank you Atty. Hindi ko alam kung na I shoot na itong katanungan kanina, kasi naputol yung internet
2065 naming. Ito ay concern naming sa LGU, dahil yung FDC sa pagkakaalam ko ay they invoke their
2066 yung sa PEZA, yung alam natin kung PEZA ay may mga authority yung PEZA specifically yung mga
2067 taxes sa umpisa. Ito ang nalito kami, kasi yung pag umpisa natin dun sa FDC nay an e walang PEZA
2068 e. pero ngayon may PEZA na. saka sa pagkaalam ko rin, yung PEZA that was intended only for the
2069 400 hectares originally. The former sangguniang bayan, way bay the time of HanJin ay yun 400
2070 hectares lang yun. At saka bakit one of the provision of PEZA is that you can avail of PEZA provided
2071 that your product is export and FDC doesn't export. Yung power na i-produce nila ay locally
2072 consumed ng Mindanao. So bakit ini-envoke nila yung PEZA? Yung lang tanong naming.

2073

2074 **Atty. Abbas Lao: 4:53:44**

2075 Thank you Hon. Edgardo Permi. May I ask any representative from FDC. The question is the FDC
2076 is now invoking the PEZA. I don't know if FDC is qualified to be accredited with PEZA with the
2077 Philippine Economic Zone Authority kasi yung taxes po ng PEZA is different from other establishment
2078 which is not within the PEZA with regards to local taxes so that is the question of Hon Edgardo Permi
2079 of the Sangguniang Bayan of Villanueva. Any enlightenment or representative from FDC to clarify
2080 that issue

2081

2082 **Renato Behimente: 4:54:34**

2083 Yes Atty Lao, Renato Behimente from FDC Misamis

2084

2085 **Atty. Abbas Lao: 4:54:38**



2086 Yes Renato, you are recognize
2087

2088 **Renato Behimente: 4:54:40**

2089 Yes sir, I'm pretty sure the gentlemen is referring to present issue between Villanueva, LGU
2090 Villanueva if I may not mistaken. If other than that, we are not. I am not prevy to any claim that we
2091 are claiming PEZA registration of the moment. So if I may be clarified if the issue is with regard to
2092 LGU case pending before the local court.
2093

2094 **Atty. Abbas Lao: 4:55:16**

2095 The question is you are now invoking the FDC is a PEZA accredited, I don't know if that is really true
2096 but that is the line of the question of Hon Edgardo Permi that you are now invoking that FDC, I don't
2097 know if your are really accredited with Philippine Economic Zone Authority.
2098

2098 **Renato Behimente: 4:55:49**

2099 Yes Atty., we are now registered under PHIVIDEC under the authority of PIA and the matter is being
2100 challenge for tax purposes
2101

2102 **Atty. Abbas Lao: 4:56:05**

2103 PHIVIDEC is different from PEZA.
2104

2105 **Renato Behimente: 4:56:07**

2106 That's correct sir. That is why I'm clarifying that, that's what we have registration right now.
2107

2108 **Atty. Abbas Lao: 4:56:14**

2109 So as far as PEZA is concern, you are not registered as a locator of PEZA?
2110

2111 **Renato Behimente: 4:56:20**

2112 That's correct sir.
2113

2114 **Atty. Abbas Lao: 4:56:22**

2115 Ok Thank you very much for that clarification. Hon Permi, it was clarified that FDC is not accredited
2116 by the Philippine Economic Zone Authority, so they cannot invoke any previliges as a consequence
2117 of being accredited by the Philippine Economic Zone Authority. It was clarified by sir Renato that
2118 FDC is not accredited establishment of Philippine Economic Zone Authority.
2119

2120 **Renato Behimente: 4:54:57**

2121 Thank you Atty., thak you for the answer of FDC.
2122

2123 **Atty. Abbas Lao: 4:57:04**

2124 Ok thank you very much. That is the end of our open forum for this public consultation, so just to
2125 reiterate yung mga issues raised during the public forum:

- 2126 1. Raised issued by Hon Ello regarding additional ash disposal, yung additional carbon footprint of
2127 which it was also answered by the project proponent, the FDC that they have also proposed
2128 expansion of their existing ash disposal area more or less 9 hectares yung proposed ash disposal
2129 area nila and with regards to the expansion of carbon sink program. They are already negotiating
2130 with the concern barangays of Villanueva and other Local Government Units for the expansion of
2131 their carbon sink area. They have also in coordination of other university, na mayroon po silang
2132 area for the carbon sink and it was also mentioned that National Power Corporation is also
2133 negotiated with the FDC for the possible expansion of their carbon sink program.
- 2134 2. Question is dun sa SDP Social Development Program, also raised by Mr. Ello. It was also
2135 answered by the project proponent. On the Employment issue according to Mr. Ello, only 30%
2136 employment rate of the Local Government Unit of Villanueva and he is requesting to have definite
2137 percentage for transparency purposes and it was assured by the project proponent that with
2138 regards to the employment they will closely coordinate with the Local Government Unit of
2139 Villanueva
- 2140 3. On the issue raised by Hon Jeric Emano, this is regarding the tax payment of FDC to LGU which
2141 based on the graphical presentation of FDC, medyo bumaba sya CY 2019 to 2020. But it was



- clarified by FDC that the source of their presentation or data nila, I think dun yata sa treasurer yata ng LGU ng Villanueva. But despite of that they will still clarify further the reason bakit bumaba yung payment nila ng real estate sa calendar year 2019 to 2021.
4. On the issues raised by the Brgy Chair of San Martin, regarding the benefits of the constituents of Brgy San Marin, particularly duon sa sharing ng ER 1-94 of which Brgy San Martin is not qualified. It was clarified by the project proponent but only dun sa barangays that have physically constructed infrastructure is entitled to the sharing of ER 1-94. It was further clarified by the representative from the DOE, it is onlu indeed dun sa barangays na may physical structure ng establishment ang qualified to share with ER 1-94. But Brgy San Martin may share through the sharing of municipality of Villanueva and the province of Misamis Oriental. So pwede po dun sila maki-share, but of course subject to the approval of the municipal government and provincial government.
 5. Regarding naman dun sa risk issue that raised by Mr. Ian Rivera particularly on the presentation of Dr. Alabastro dun sa perceive impact of the proposed expansion, how this impact be mitigated. There are 4 main questions issues raised by Mr. Rivera.
 1. Quantification of the emission of fly ash and how it will be captured in the preparation of the carbon sink program of the study.
 2. Carbon Sink Program not just protecting the mangrove as mentioned by the FDC but capturing of the carbon that will be emitted by the propose expansion.
 3. Study on the impact of the proposed expansion in the marine resource
 4. Determination of the impact barangay, the question raised by Mr. Ian Rivera was also clarified by Dr. Alabastro. According to Mr. Alabastro the preparation of EPRMP is accordance with the existing guidelines of the Environmental Management Bureau as well as the determination of impact barangay is not actually based on ER 1-94, but based on the guideline of EMB with regards to the determination of the direct and indirect impact area
 6. Dun naman sa raised by Mr. Chito Trillanes yung health impact of the project. According to sir Chito it was not expounded in the EPRMP but according to Dr. Alabastro it was included in the EPRMP although the details of which was not explained, but he suggested that Mr. Chito Trillanes submitted the detailed kuwan nila sa EMB so that it may be incorporated in the final draft of the impact on Environmental Impact Study.
 7. Dun naman sa issue raised by ma'am Rara of PMCJ and concern naman nya is there is no shortage of electric energy in Mindanao based on the study of PMCJ. It was answered by FDC na they are considering the high growth scenario of Mindanao that there would be a possible shortage of energy. It was also clarified by the representative of the DOE na until 2030, Mindanao has enough supply, but as to the type of technology pursued by the supplier of the source of energy, it is the option of the project proponent whether what technology they will use, whether coal or mga hydroelectric power plant.
 8. Another issue raised is the power contract. Whether or not is there already a power contract with the propose capacity expansion of the project. It was clarified by Sir Roderick of FDC that wala pa silang kontrata as far as the expansion of the capacity of project is concern.
 9. Then sa issue raised by Sir Renoir Abrea of MSU Naawan, he asked if there is a study on the impact of the project on corals in the impact area. Although it was confirmed by the representative of Technotrix, consultant and Dr. Alabastro that yes, there were study conducted by Mr. Benji Francisco yung Marine Biologist nila although the result of the impact study or the baseline study was not expounded by the project proponent.
 10. Then dun sa issue ni ma'am Mejos, the District Supervisor of DepEd, her concern is what are the benefits of the learners from the propose expansion of the project. It was confirmed by FDC that they are closely coordinating with DepEd to continue the CSR they are providing to the learners particularly the DepEd. They assured that they will closely coordinating with the DepEd particularly kay ma'am Nilda to continuously provide CSR and support to learners and it was confirmed by ma'am Nilda.
 11. Then dun sa raised issued by Sir Pat Jared of PMCJ it was just reiterating the issue raised by ma'am Rara and it was clarified by the project proponent sir Roderick of FDC.
 12. Yung last issue raised by Hon Edgardo Permi, the issue is according to him that FDC is invoking that they are accredited by Philippine Economic Zone Authority, but it was clarified by sir Roderick that FDC is not actually accredited by PEZA. Hindi po sila accredited ng PEZA. For that purpose they cannot invoke the previlages granted to those establishment accredited by PEZA.



2200
2201 I hope that I was able to summarize the issues raised during the open forum and with that thank
2202 you very much.

2203 **Ian Rivera 05:09:18**

2204 Mr. Chair can I be recognized?

2205 **Atty. Abbas Lao 05:09:24**

2206 Sir Ian Rivera po,

2207 **Ian Rivera 05:09:27**

2208 This is just very short Mr. Chair and thank you very much. This is in relation to the point that the
2209 preparer answered my question and the question about the impacts on corals. For the record Mr.
2210 Chair, the preparer did not answer my question and referred us to the document which he
2211 mentioned is already with the EMB, so in this public hearing we are not provided with the question,
2212 our specific question with the specific answer. Because the preparer without further elaborating
2213 referred us to the documents. Just for the record Mr. Chair Thank you.

2214

2215 **Atty. Abbas Lao 05:10:21**

2216 Yes, yes. Thank you very much Mr. Rivera for that manifestation. Noted po, noted. As I have said
2217 the preparer of the study answered your question although it was not expounded as you have
2218 claimed that he advised you to submit your request to the EMB Central Office. That is noted sir.
2219 Your manifestation is noted.

2220

2221 Again Thank you very much to every body sa lahat po ng participants from FDC, of course from the
2222 group of sir Ian Rivera na PMCJ, the representative from DOE, the representative from the
2223 academe sector, the representative from the Local Government Unit, different layers of Local
2224 Government Units of Municipality of Villanueva and Municipality of Tagoloan and all other sectors
2225 who participated to this public hearing. Thank you very much po for attending this participation.
2226 We may not fully satisfied answering your question, but I have said, this is not the end of public
2227 participation as far as this project is concern so it will discuss to you further by Dexter from EMB
2228 Central Office kung ano yung mga subsequent activities as far as this proposed expansion is
2229 concern. As your public hearing officer, thank you very much for your active participation.

2230

2231 **Engr. Dexter Tabad 05:12:10**

2232 Thank you Atty. Abbas Lao for facilitating the open forum, for being the public hearing officer of this
2233 public hearing po.

2234

2235 For now, may ise-share lang po ako na screen regarding po sa ating next steps and way forward po
2236 dito sa ECC application ng project.

2237

2238 Discuss ko lang po briefly yung mga next steps and way forward po natin. Sa atin pong timeline the
2239 document po was accepted here in our office. Yan po yun nasa milestone 1 and then dun po sa
2240 milestone 2 yan po yung pagconduct ng EIS review or for this case EPRMP and kasama din sa
2241 milestone 2 yung yung pagconduct naging public hearing. Then next after this, gagaws po si
2242 proponent ng kanilang public hearing documentation as well as submission ng mga additional
2243 information at public hearing proceedings and then after that magkakaroon pa rin ng another EIA
2244 Review Committee Meeting. Then after ng final EIA Review Committee Meeting, magkakaroon ng
2245 presentation o pagdidisyon ng Review Committee if they will recommend yung project sa EMB,
2246 then dito po sa milestone 5 yung decision making, pagdedisyon na po ng EMB and DENR if i-
2247 issue o ide-deny yung ECC application ng proponent.

2248

2249 Isiningit ko na din po itong slide for those who are asking earlier para dun sa information kung saan
2250 makikita yung draft EPRMP nitong project. Ito sa website naming sa eia.emb.gov.ph at punta po tayo
2251 sa link ng notice of online public hearing then click po natin yung link ng online public hearing hanapin
2252 lang poi tong project na 6x135MW Circulating Fluidized Bed Coal-Fired Power Plant Expansion
2253 Project. Actually yan po yung link papunta po sa notices. Sa link po nay an again hanapin lang yung
2254 project and pwede na din po madownload yung mga documents like yung EPRMP and yung ESP.

2255



2256 Next po yung EIA report and public verification, as I mentioned kanina yung proponent po ay magsa-
2257 submit ng kanilang public hearing documentation and then yung revised EPRMP. Ito naman po
2258 actually maa-access din sa website sa emb.gob.ph. then puntahan nyo lang po and Environmental
2259 Impact Assessment na link, may makikita po kayo dun na revised EIA Report for public comment.
2260 So dyan po naming ipo-post yung public hearing documentation at yung revised na EPRMP. So for
2261 this po ipo-post po natin ito for 7 days, and within 7 days po pwede po tayong magsend ng mga
2262 additional na comments, suggestions or kung may concerns regarding dito sa ating project para
2263 maconsider sa ating Review Committee meeting po.
2264
2265 Ito po ang contact details naming, kung meron po kayong additional concerns and issues, or kung
2266 gusto ninyo mag send ng position paper, pwede po ninyong i-address sa aming Director Engr William
2267 P. Cunado at naka attention po yung aming chief sa Environmental Impact Assessment and
2268 Management Division Engr Esperanza A. Sajul. Kung mayroon po kayong ise-send na letter, paki
2269 email na lang po sa aming record section sa recordsco@emb.gob.ph at naka cc po yung aming
2270 email address sa eia@emb.gov.ph.
2271
2272 Yun lamang po at maraming salamat po sa lahat sa pag participate po dito sa ating public hearing,
2273 rest assured po na yung inyong mga issues and concern ay masasama sa pagrevise n gating
2274 EPRMP. Again, maraming salamat at ingat po tayong lahat.
2275
2276 The public hearing officially adjourned at 1:45 PM.