

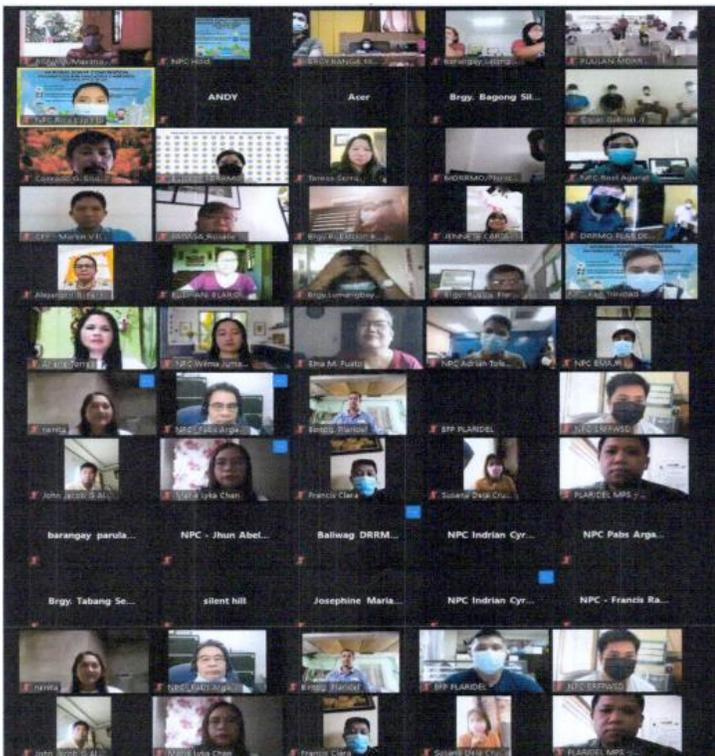
## 2021 Accomplishments Dams Management Department (DMD)

### a. Information and Education Campaign (IEC)

Interaction with community thru the conduct of IEC which is being implemented annually to impart important information and increase the level of awareness of concerned LGUs and communities located downstream of NPC dams, regarding the benefits of dams and its operations and management measures being implemented in accordance with NPC Dam Safety Program. It also aims to prepare the LGUs and downstream communities in dealing with flood-related hazards that may be caused by dam/reservoir operations.

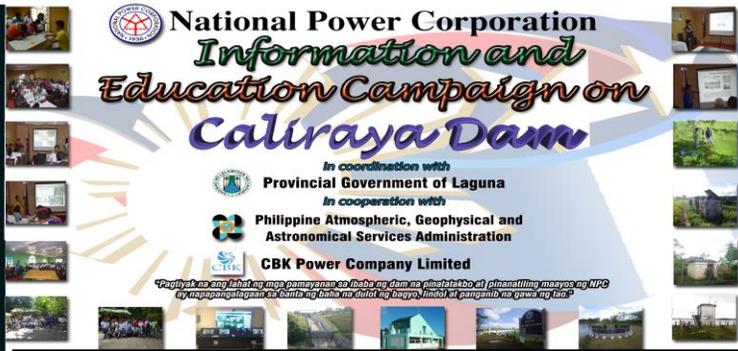
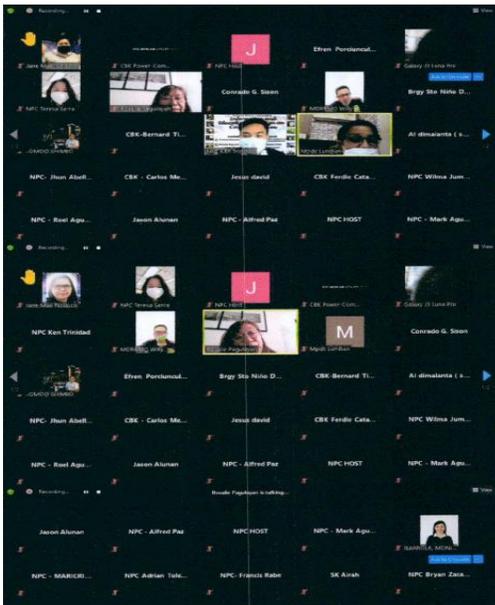
Due to the COVID-19 pandemic, the IECs for 2021 were conducted through virtual platform in close coordination with PAGASA, respective DRRMOs and other concerned stakeholders/agencies. A total of thirteen (13) IEC sessions were conducted and completed on the following dates:

Location	No. of Sessions	Inclusive Dates
Caliraya Dam	3	April 20 – 22, 2021
Angat Dam	3	April 27 – 29, 2021
San Roque Dam	4	May 18 – 20, 2021
Ambuklao-Binga Dams	3	July 6 – 7, 2021



**Photo 1: Conduct of Information and Education Campaign (IEC) on Angat Dam**

Representatives from various agencies such as PAGASA, NPC, MWSS, NIA and PDRRMO-Bulacan served as Resource Speakers during the program which were participated by DRRM Officers from concerned municipalities and barangays along the Angat River.



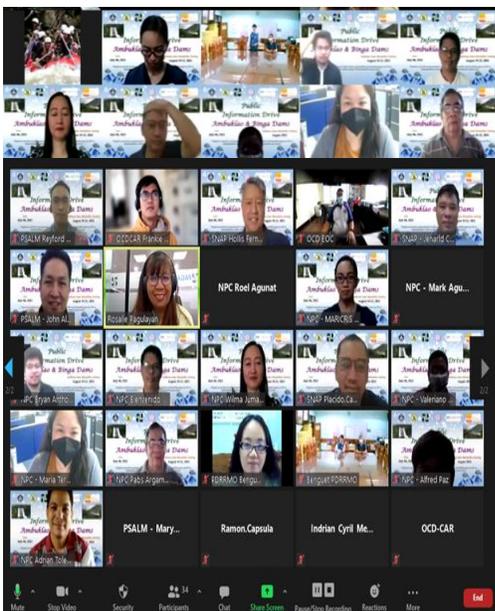
**Photo 2: Conduct of Information and Education Campaign (IEC) on Caliraya Dam**

Representatives from various agencies such as PAGASA, NPC and CBK-PCL served as Resource Speakers during the program which were participated by DRRM Officers from municipalities (Cavinti, Lumban and Pagsanjan) and barangays along the Pagsanjan River.



**Photo 3: Conduct of Information and Education Campaign (IEC) on San Roque Dam**

Representatives from various agencies such as PAGASA, NPC and SRPC served as Resource Speakers during the program which were participated by representatives from various offices such as OCD-Region 1, Regional DRRM-Region 1, Provincial and Municipal DRRM Offices along Agno River and Dep-Ed Pangasinan Division II 5<sup>th</sup> and 6<sup>th</sup> Districts including Bayambang District I and II.



**Photo 4: Conduct of Information and Education Campaign (IEC) on Ambuklao-Binga Dams**

Representatives from various agencies such as PAGASA, NPC and SNAPB served as Resource Speakers during the program which were participated by Regional Director and staff from OCD-CAR and officers/personnel of DRRM Offices from provincial, municipal to barangay levels.

## b. Dam Safety Inspection/Assessment

The dam safety inspection/assessment is implemented semi-annually to ensure the safety of people living downstream and integrity and operability of the structures to impound water needed for domestic water supply, irrigation, power generation and flood control. This includes dam instrumentation monitoring/surveillance to gather technical data which are used for structural safety evaluation and as basis for decision making. The observations, findings and recommendations are reported to the concerned Plant Management/Operators, and compliance to the recommendations is diligently monitored.



Crest of Angat Main Dyke



Downstream Face of Caliraya Dam together with CBK-PCL representatives.

Safety inspections of five (5) NPC managed and operated dams in Luzon namely Ambuklao, Binga, San Roque, Angat, and Caliraya-Lumot Dams and their appurtenant structures were conducted to assess their behavior and condition. NPC also participated in the conduct of virtual safety inspection/assessment of PSALM privatized small hydroelectric plants

namely: Buhi-Barit in Camarines Sur, Cawayan in Sorsogon, Amlan in Negros Oriental, and Loboc in Bohol.



San Roque Dam Powerhouse Backslope



Left wing tunnel of the Lower Observation Gallery of Ambuklao Dam



Reservoir Rim of Binga Dam