

## A BRIEF ABOUT ENVIRONMENTAL AND SOCIAL MONITORING REPORT

The Environmental and Social Monitoring Report (ESMR) provides periodic updates of the Van Phong 1 Power Plant Project with regards to environmental and social management in accordance with applicable standards. The updated period is from October 2022 to March 2023.

### PROJECT STATUS UPDATE

Various civil construction activities have been completed, while some are still ongoing, such as piping, insulation installation, erection, and finishing work in Unit 2. The fence and gate, permanent road construction, landscaping and free-space yard for common areas, and piping and insulation in Turbine 1&2 and Boiler 2 are all proceeding.

In this period, some working areas such as Power Block wastewater treatment, water treatment, desalination, Demin, CW Intake, DCS, Battery, 110kV AIS and 500kV AIS including SST, Unit 1 GSUT, UAT, IPBD and GCB, and so forth are in service. Some others are in commissioning stage, such as Seawater Electrolysis Chlorination System, and various MV and LV switchgears in Unit 1 and 2, fuel oil system and coal handling system.



### OCCUPATIONAL HEALTH AND SAFETY

Several well-executed supervision activities, such as safety walk down, weekly and daily inspections, monthly worker's accommodation inspections, conducted safety training sessions, housekeeping, emergency drills, and more, emphasized the site's outstanding HSE management performance. The project team's efforts were recognized when we reached a remarkable milestone of 27 million man-hours of LTI-free in March 2023. This achievement demonstrates the team's commitment to maintaining and improving the site's safety and environmental requirements.

### ENVIRONMENTAL MONITORING

#### Air quality

During the period of monitoring, all ambient air data was found to be compliant with both relevant Vietnamese standards and IFC requirements.

#### Noise and vibration

Monitoring of noise and vibration levels during construction activities was conducted both during daytime and nighttime. The results of all monitored data were found to be within allowable limits of the QCVN standards and IFC requirements.

#### Wastewater

results of the wastewater monitoring parameters were found to be within both the QCVN standards and IFC requirements.

#### Soil

Sampling for soil analysis was conducted at three locations within the project site. The results of the sampling showed that the soil quality was within the permissible limits of Vietnamese standards.

#### Groundwater

Groundwater quality was determined by sampling at three locations. The results of the groundwater monitoring were found to be within the allowable limits of Vietnamese standards.

#### Seawater

Assessment of seawater quality was conducted at two locations near the water intake and discharge areas. The seawater was found to be of good quality, with no negative impact from the project activities.

## COMMUNITY DEVELOPMENT PROGRAM

Through its annual Tet gift-giving program in January 2023, VPCL supported a total of 475 vulnerable HHs in Ninh Phuoc, Ninh Tho and Ninh Van communes of Ninh Hoa town with Tet gifts on the occasion of the traditional lunar new year. It was a timely support that has contributed to lessen difficulties faced by the HHs, especially during traditional Tet.



There were around 600 primary school students enjoyed competitions in decorating apricot blossom and fruit tray together with friends and teachers at Ninh Phuoc primary school on the occasion of traditional Tet. The program was organized in January 2023 by VPCL to bring local children interesting traditional activities experiencing the preparation for Tet.



## LIVELIHOOD RESTORATION PROGRAM



Under VPCL's Agricultural Support Program, an agriculture training led by consultants of Ninh Hoa Division of Agriculture Extension and Plant Protection in Ninh Tinh village was organized for local farmers. The training focused on disease prevention in garlic and technique of making organic fertilizer. There were 36 farmers participating in the training.

On 22 Oct 2022, two training courses on housekeeping and gardening conducted with cooperation of VPCL, Nha Trang College of Technology and Gia Minh Travel company for 35 members of displaced HHs. The courses have lasted for more than 01 month and aimed to provide knowledge and hand-on skills for participants under the Livelihood restoration program.



## COMMUNITY HEALTH AND SAFETY

VPCL conducted a health check-up program for all of the primary and secondary school students in Ninh Phuoc commune in November 2022. There were 952 local school students undergone health examination including measurement of height/weight, dental check, eyes check and ear-nose-throat check, and gift giving for students.



55 local seniors enjoyed practicing in Van Phong exercise clubs at villages to strengthen physical health and mental well-being.



VPCL and its operation contractor of KVPS joined hands in providing 13 wheelchairs to local people with disabilities in December 2022. It was a great source of help that would promote mobility and benefit physical health of this most vulnerable group of people.



## COMMUNITY DEVELOPMENT PROGRAM

VPCL and its contractors of Doosan, IHI, CTCL and KVPS have provided copper cable for the lighting system repair in Ninh Phuoc commune before the Lunar new year in January 2023. This is expected to improve safety for local people and Project workers, and contribute to security situation at night of local community.



In November, VPCL continued to provide chairs and tables for local schools, community houses and health clinic in Ninh Phuoc commune. The furniture has been made from recycled wood at the Project construction site



The Project contributed to improve coverage and quality of communication channel to local people through the renovation of the loudspeaker system. This also resulted in smoother communications between villages and from commune to local people.

