

**Category or Type Name:** SOURCE for Corporations

**Site Name:** National Electrification Agency (NEA)

**Location:** Quezon City, Philippines

**Climate Type:** Tropical Rainforest

**Array Size:** 8 SOURCE Panels



### Use Case:

The National Electrification Agency (NEA) in the Philippines is the primary driver of empowering rural communities through the means of electrification and has since 1969 improved the lives of more than 56 million Filipinos. NEA provides technical, institutional and financial assistance to the 119 Electric Cooperatives nationwide which undertakes power distribution to the communities in the countryside.

The SOURCE Hydropanels™ installation was conducted in collaboration with the Asian Development Bank (ADB) and NEA to demonstrate the viability of using solar energy to convert water vapor in the air into perfect drinking water. This water is provided to the numerous local government officials coming through the doors of NEA and numerous community members as well.

SOURCE Hydropanels™ provide a climate-proof drinking water solution which is able to address the water problems in rural areas, especially on small islands in the Philippines which lack reliable access to potable water supply.

## SOURCE at NEA

An 8-panel array was installed on the roof deck of the NEA office building in Quezon City near Manila. The installation was performed in partnership with Greenheat Corporation, a Zero Mass Water install affiliate.

The array is affixed to a ballast mounting frame designed to withstand the high wind speeds in the Philippines. The SOURCE Hydropanels™ are piped into the building and are run down to the dispenser at the lift lobby and boardroom on the 7th floor where visitors, employees, and officials are able to easily dispense perfect water.



**Field Data at NEA**

Average RH: 70%

Average Temperature: 83°F

People Served: 300+

