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PETALUMA, Calif.--(BUSINESS WIRE)-- Enphase Energy, Inc. (NASDAQ:ENPH), a leading global energy technology company, announced today the completion of its initial Clinton Global Initiative (CGI) Commitment to Action. Enphase partnered with Beacon Power Services to provide a clean and reliable energy alternative for Future Kids in Lagos, Nigeria, through piloting an innovative solar energy microgrid system.

"We are proud to accomplish our Clinton Global Initiative commitment to address some of the energy challenges in Nigeria," said Raghu Belur, co-founder and vice-president of Enphase Energy. "Our project illustrates through modern solar PV energy, the citizens of Nigeria can gain access to a clean, reliable energy source that does not carry the same environmental footprint as diesel generators."

"We are pleased to partner with Enphase to manage the local training and installation of the Enphase microinverter system, as well as provide ongoing support for the project," said J.S. Roy, vice president of solar at Beacon Power Services. "The goal of the site is to establish a model that can scale for future solar projects in Africa."

Future Kids, a private nursery and primary school, had relied on diesel generators for its energy, and through an innovative project delivered by the Enphase Energy and Beacon Power Services partnership, design resources, technology and best practices for installing, operating and maintaining the solar system in a location where grid qualities are unstable were introduced. Through this pilot program, the system"s performance data is made available to the public via Enlighten, Enphase"s integrated and intelligent web-based monitoring software.

Enphase Energy delivers energy management technology for the solar industry that increases energy production, simplifies design and installation, improves system uptime and reliability, reduces fire safety risk and provides a platform for intelligent energy management. Its semiconductor-based microinverter system converts energy at the individual solar module level and brings a system-based high-technology approach to solar energy generation, storage, control and management. For more information, visit

Many of us want an overview of how much energy our country consumes, where it comes from, and if we"re making progress on decarbonizing our energy mix. This page provides the data for your chosen country across all of the key metrics on this topic.

In the selection box above you can also add or remove additional countries and they will appear on all of the charts on this page. This allows you to compare specific countries you might be interested in, and measure progress against others.

In the energy domain, there are many different units thrown around - joules, exajoules, million tonnes of oil

equivalents, barrel equivalents, British thermal units, terawatt-hours, to name a few. This can be confusing, and make comparisons difficult. So at Our World in Data we try to maintain consistency by converting all energy data to watt-hours. We do this to compare energy data across different metrics and sources.

Electricity is a good that adds massive value to modern life: from having light at night; to washing clothes; cooking meals; running machinery; or connecting with people across the world. Many would argue that it is a crucial for poverty alleviation, economic growth and improved living standards.1

Having clean fuels and technologies for cooking - meaning non-solid fuels such as natural gas, ethanol or even electric technologies - makes these processes more efficient, saving both time and energy.