



# GHANA

Karpowership signed a Power Purchase Agreement (PPA) with the Electricity Company of Ghana (ECG) to supply a total of 480MW capacity and commenced operations in December 2015 to supply affordable and reliable electricity to help resolve the country’s power crisis known as “Dumsor”. Karpowership continues to generate energy in Ghana via world’s biggest powership.

In 2015, before we started our operations in Tema, a fishing harbor, nearly 50% of the country’s small-scale industries were losing significant hours of business each month due to lack of reliable power, while the rest resorted to costly generators running on diesel. Overall, outages reduced GDP by an estimated 2% in 2014 alone and were associated with a surge in job losses in 2015.

The erratic power supply affected everybody: families and businesses, hospitals and universities, factories, even shopping malls, both private and public.

Karpowership’s arrival in Tema was highly appreciated by the country, industries, and especially by fishing communities who could finally refrigerate their daily catch and benefitted from the positive socio-economic projects and impact that we created in the region. (Please scan the QR code to watch the UNDP’s documentary on our operations in Ghana.)

Unlike land-based power plants, Powerships are highly flexible. When Ghana’s indigenous natural gas became available in Takoradi, it only took us one day to move the world’s biggest Powership from Tema to its new location 250 km away. With the arrival of Powership, the local industries improved their commercial activities, hospitals, schools, police stations were able to operate continuously and safely while the social life of the local people gained stability. Thanks to Karpowership’s multi-fuel engine technology, a fast switch to country’s indigenous gas not only helps with the GHG emissions but also reduces Ghana’s FX exposure from fuel procurement. Additionally, 500 direct and indirect job opportunities were created.

Ended “Dumsor”,  
long blackouts

High economic and social impact on communities.  
Please scan the code to watch the documentary of UNDP

Moved the world’s biggest  
Powership in one day from Tema  
to Takoradi to connect to Ghana’s  
indigenous gas once available

Powership’s flexibility was  
instrumental in reducing  
Ghana’s fuel based FX  
exposure





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