

# **Carbon Offset Projects Addendum**

Stifel has partnered with the Carbonfund.org Foundation to offset the carbon impact of our business travel. Below you will see the variety of projects that were selected to offset the firm's travel in 2021.



## CAPRICORN RIDGE WIND PROJECT 📀 READ MORE

Location: Sterling and Coke Counties, Texas

**Standard:** Verified Carbon Standard (VCS)

**Project Description:** In addition to generating renewable energy, the 662.5-megawatt Capricorn Ridge Wind Project adds a tax base to Sterling and Coke Counties, provides economic stimulus of landowner lease payments, and creates no air or water pollution. The Capricorn Ridge Wind Project is capable of generating enough electricity to power more than 220,000 homes. The Capricorn Ridge also employs a staff of 36 and allows local lands to remain in agricultural use.

## TRUCK STOP ELECTRIFICATION PROJECT 💿 READ MORE

**Location:** Throughout the United States

Standard: American Carbon Registry

**Project Description:** The Truck Stop Electrification Project reduces tailpipe emissions from freight trucks that transport consumer goods across the country. Long-haul truck drivers often idle their trucks to heat or cool their cabs and to power on-board appliances during their federally mandated rest periods. Engine idling creates poor resting conditions for the driver and fosters unhealthy conditions for trucks idling in close proximity. Idling also consumes fuel when product isn't being transported, reduces engine life, and requires more frequent engine maintenance. With this project, drivers can

shut off their engines and utilize the advanced truck stop electrification technology. This system consists of an in-cab service module connected by a flexible hose to an efficient external unit that heats, cools, and powers the interior of the truck, and lets the driver run the radio and check e-mail without forcing the engine to burn diesel, saving about a gallon of diesel per hour.<sup>1</sup>

# BONDHU CHULA IMPROVED COOK STOVES IN BANGLADESH 📀 READ MORE

### Location: Bangladesh

### **Standard:** The Gold Standard

**Project Description:** This microscale VPA involves the installation and maintenance of domestic-improved cooking stoves ("ICS" branded as Bondhu Chula) by Partner Organization & Partner Entrepreneurs in Bangladesh. The current cooking practice in Bangladesh is the use of "three-stone" cooking stoves, popularly known as traditional stoves. Biomass serves 90% of Bangladeshi households' energy needs. Around 95% of the rural population uses biomass fuel for cooking, with fuel wood being used in around 85% of households. 98% of Bangladesh's rural population uses traditional stoves,

despite years of efforts by governments and health organizations to promote fuel-efficient models that have chimneys. The VPA stoves burn fuel more efficiently and are designed to draw off smoke and toxins, thus creating cleaner indoor air. They have also been shown to use about 50% less fuel to cook the same amount of food. Without VPAs installed, households would cook primarily using traditional, inefficient stoves, perpetuating environmental and health degradation.

<sup>1</sup> At the time the Truck Stop Electrification Project offsets were purchased by Stifel, the offsets were verified under the ACR standard. ACR has since determined that the offset calculation methodology is ineligible. More details can be found at the project link.

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