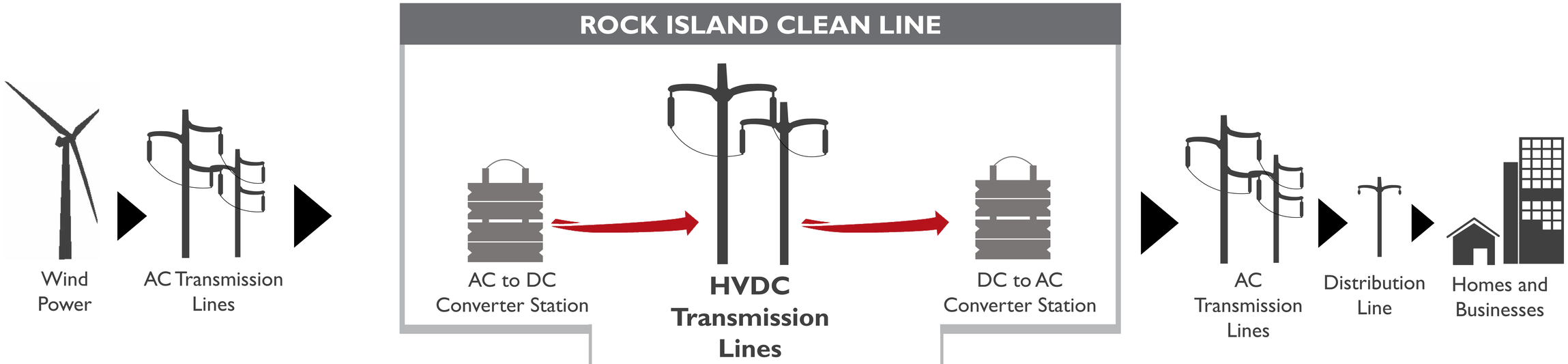
DELIVERING RENEWABLE ENERGY WITH HVDC

CLEAN LINE ENERGY PARTNERS

ROCK ISLAND CLEAN LINE



WIND RESOURCE CONVERTER STATION

- Located in O'Brien County, Iowa
- Collects wind energy from Iowa and bordering states
- Converts energy from AC power to DC power
- Energy is transmitted on the Rock Island Clean Line

DELIVERY CONVERTER STATION

- Located in Grundy County, Illinois
- Energy is received from the Rock Island Clean Line
- Converts energy from DC power to AC power
- Connects with existing transmission system

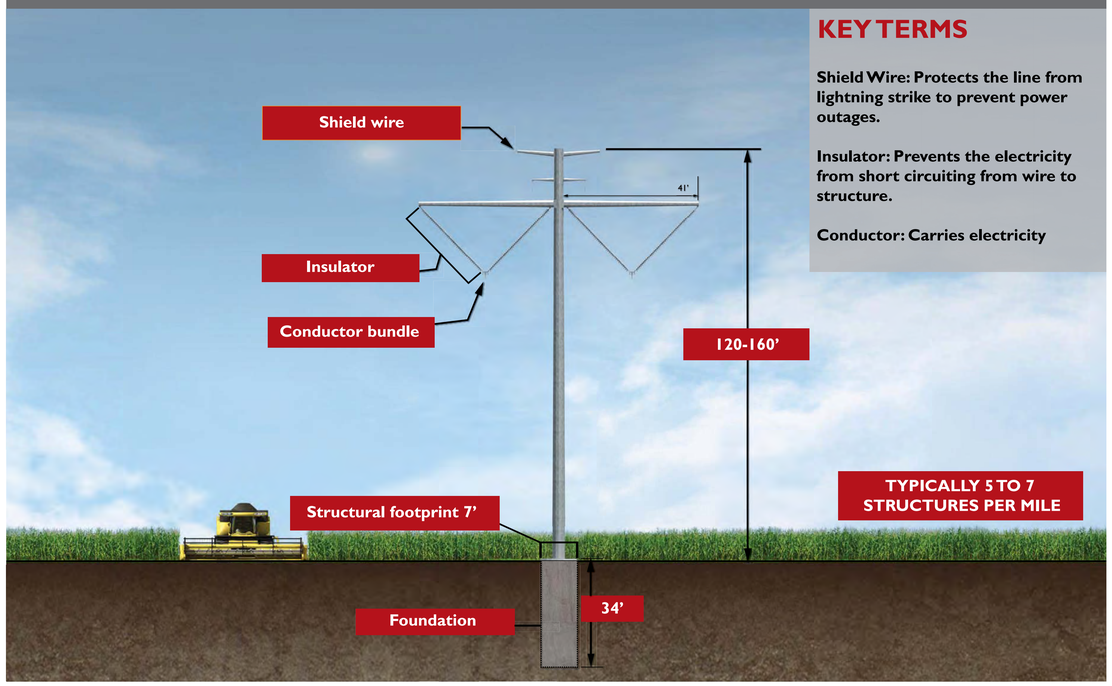
Typical Converter Station: each station will require approximately 45 - 65 fenced acres

WHAT ARE THE STRUCTURE MEASUREMENTS?

CLEAN LINE ENERGY PARTNERS

ROCK ISLAND CLEAN LINE

TYPICAL MONOPOLE STRUCTURE: 120 - 160 FEET



TYPICAL LATTICE STRUCTURE: 120 - 200 FEET

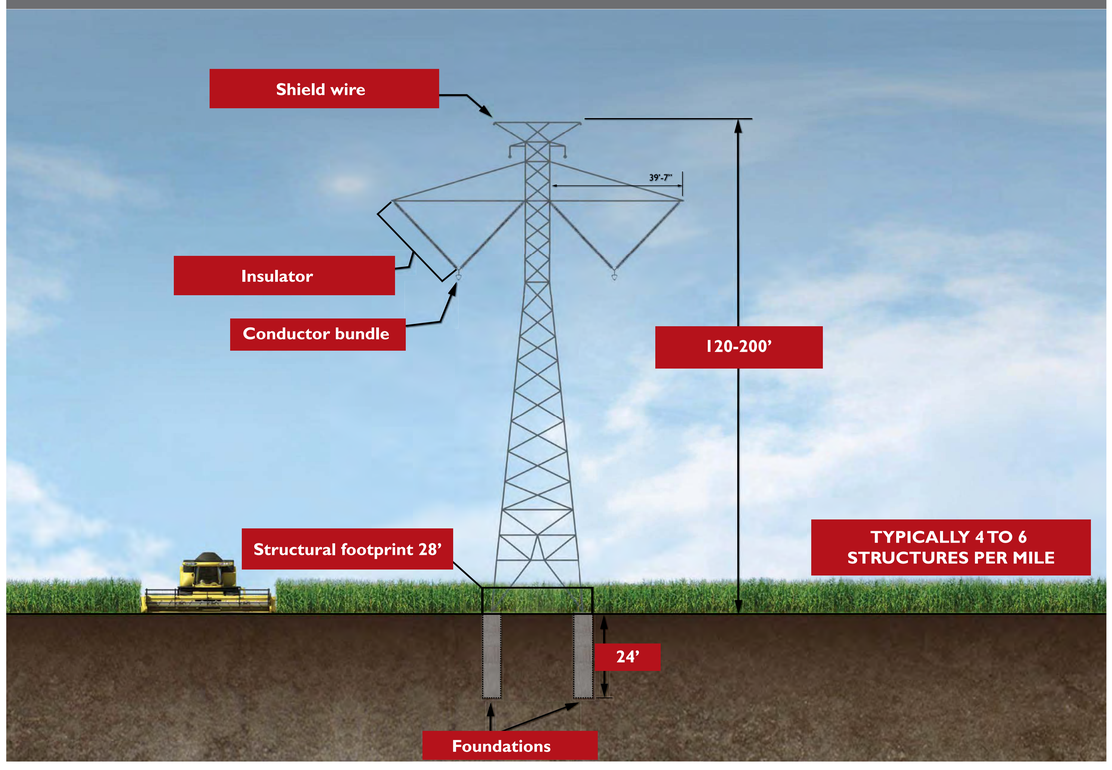


PHOTO SIMULATION: TYPICAL MONOPOLE STRUCTURE

The photo simulation shows a potential structure size and type. Changes may occur pending public and regulatory reviews, and structures of other sizes and shapes may be necessary depending on a variety of factors, including topography, soil condition, and span length.