

A photograph of a solar farm in a desert environment. In the foreground, there are rows of solar panels on a flat, sandy ground. In the middle ground, a series of tall wooden utility poles with multiple cross-arms are visible, supporting a network of power lines that stretch across the scene. The background shows a range of low mountains under a clear, bright blue sky. The bottom of the image is partially obscured by a large, curved graphic element consisting of a red and a light grey section.

Rethinking Renewables

The Ideal Solution For Solar Applications

The advantages of Hendrix Aerial Spacer Cable Systems have gained widespread acceptance for their ability to handle electrical distribution challenges in extremely tough environments.

Spacer Cable Systems are especially well-suited for solving power distribution problems at facilities where landscape contours, man-made installations, and other environmental factors create significant challenges.

 **Hendrix**[®]



What You Get With Hendrix

- Leadership in ACS design, engineering, installation, and support
- Proven product reliability
- Material planning, procurement, delivery
- Installation training, on-site support, and final inspection
- Preventive maintenance
- Voltages from 15kV to 115kV

Spacer Cable Cost Savings

Multiple circuits on a single pole reduces pole height compared to bare wire.

Savings compared to underground due to massive derating of underground circuits.

OPMW

- Put fiber in messenger
- Save pole height
- Save on second messenger for OPGW/ADSS

Connecting directly to substation bus creates savings by avoiding underground substation exit (entrance).

Less ROW for collector circuits means more real estate for solar panels and turbines.

Lower impedance of a compact configuration results in savings related to improved voltage regulation.



Benefits Of Spacer Cable In Solar Applications

Spacer cable prevents conductor clashing which can cause outages with bare wire systems in windy conditions.

Smaller size conductors save costs on aluminum, improve voltage regulation and yield 20% better voltage support versus bare wire systems.

Greater reliability is achieved through fewer outages, lower costs and increased revenue for megawatt production.

A reduction in overall total costs.

Environmentally Friendly (APLIC compliant)

- Avoid removing trees and long term tree trimming cost
- Reduce and minimize foliage disruption
- Protect birds and ground animals from electrical shock

