



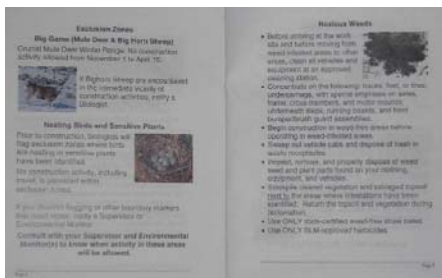
The transmission line is barely visible from any main roadway. The high reliability of IMPLO technology is ideal for averting future maintenance troubles in such an isolated area.



Although not often associated with a desert, the high altitude and accompanying low temperature supports snowfall in the winter months.



The unique design of this 500kV line consists of 3-bundle 1590 ACSR non-spec conductor.



The project comes complete with its own environmental handbook.

Going Green, Even Where the Landscape Isn't

Do not let the looks deceive you. What may appear from a cursory view to be a wasteland void of even a cell-phone signal is in fact a living ecosystem unique in many ways.

The midsection of Nevada, a several hours' drive north out of Las Vegas, is a mountainous desert region. The terrain is rugged and isolated, yet supports a myriad of unique wildlife and vegetation. Additionally, the long history of Native American presence in the area has resulted in numerous sites of cultural significance. In total, the challenges with building a 250 mile long, 500 kV transmission line through such a region go beyond the lack of a developed communications network.

However, one significant way to reduce the environmental impact by a transmission project of this magnitude is by the use of IMPLO. Not only is the need for on-site hazardous liquids reduced, but also the need to disturb areas where traditional splices would require installation after the conductor is pulled into place. IMPLO splices are installed at the stringing site already disrupted for equipment, and then pass through the stringing blocks to their final location. Further saving the environment, fewer stringing sites are required. The limiting factor on most straight pulls is the distance capable of being sagged accurately, and IMPLO splices go the distance.

When accounting for the vastly improved reliability of IMPLO technology versus any other alternative, the long-term future prospects are high for this environment to remain "green," even when that color is absent.



Three IMPLO deadends are installed at the end of the glass insulator string. The multi-unit installation is safe and saves significant time, reducing overall project time to completion.



The non-electric initiating signals into these three splices are briefly visible through the shock tube. The installation process is very safe and environmentally friendly.

