



**Out in the desert of a military base there are 31 sites for communication, all accessible only by helicopter. The sites consisted of 2400 watt Kyocera free-standing arrays connected by a 48 volt battery bank installed in cabinets in the back of the solar frame, combined with a 30 foot communications tower with a single line Omni antenna. The solar arrays consist of 20 KC120 watt solar modules, and the tower is an engineered Valmont 25V tower system.**

**Highland was able to mobilize to each site and provide the customer with the scope of work requested within the time-frame allotted. Staging was performed by helicopters. The scope of work included drilling anchors, assembly of tower and solar panel base, completing grounding, stacking the tower including antenna and lines, sweeping of the lines, installing cabinets, and installing batteries with final hook up and testing.**



**The sites were completed by Highland's construction team, a specialized group of tower and communications installers, capable of performing in remote areas.**