Previously the camp was supplied by two 100kWp diesel generators running day and night at a high cost per month. The new Solar System –installed and commissioned by Harmonic Systems Ltd. – saves up to 85% diesel costs.

Now the camp is run by a 133kWp PV field and a 900 kWh battery bank with the SMA Multicluster System incorporating Sunny Island battery inverters. During cloudy periods, the diesel gensets serve as backup, charging the batteries and simultaneously provide power. The SMA Multicluster System was the obvious choice for this system due to the reliability of the products given the remote location in Tanzania.