

GENERALIA - Success stories

Renewable Minicentral in Nyumbani Village



In Nyumbani Village, a Kenyan town of over 1,000 people, this minicentral will produce energy to autonomously power machine tools used in the production of wooden and iron finished products. Electricity from a 45 KW photovoltaic field will be processed, reducing current energy bills to less than one third. It is a hybrid facility which incorporates the diesel generator in service to date, whose use shall be limited to increasing power when there is no sun and the batteries with reserves of more than 100 kWh reach their discharge limit.