



KISIIZI HOSPITAL POWER LTD

ANNUAL REPORT FOR 2013

This year has been a time of consolidation because we reached our target of 300 customers the previous year. We added a few customers with close links to the hospital. We have a long waiting list with little prospect of being able to supply them with electricity at present. We have an agreed extension of about 30 houses near the hospital, many of staff members. The Rural Electrification Agency will make this extension in the near future.

Finances.

Sales income has steady through the year and totalled 115 million shillings. Other income was

- 10 million shillings for customer connections and line extensions
- 8 million for hospital work
- 4 million for training staff of other hydro- electricity schemes
- 1 million for fault repairs and similar work
- 15 million in donations

The donation was from a UK friend who paid for the dust filter for the generator.

Expenses were 112 million shillings, of which the main components were,

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| 42 million shillings | Staff costs |
| 28 million shillings | Generation maintenance |
| 7 million shillings | Distribution maintenance |
| 16 million shillings | VAT |
| 4 million shillings | Transport costs |

Maintenance

In May Charles Swainson came to service the turbine and generator. He found minor problems, the main one being much dust in the generator, hence the need to fit a dust filter. Dr. Bill Cave very kindly spent much time sourcing a suitable supplier and arranging transport.

He also sourced and supplied heating elements for the load tank.

We are very grateful to our "consultants" for their help and support.

Challenges

The main problem of the year was low water levels in the river in July and August necessitating load shedding. Part of this problem is due to high peak loads in the evening when cooking takes place.

Climate Parliament Forum, Tanzania

In December Kisiizi Electricity was invited to send a representative to present a short paper at this International parliamentary forum organised by the Climate Parliament and the United Nations Development Programme. The theme was '*Fighting Poverty with Power*' and concentrated on off-grid renewable energy projects.

The conference was in Dar Es Salaam and 28 MPs from African countries were present plus 4 from India and 2 from Jordan. The group of 20 invited experts also came from several African countries and others who had experience of working in Africa. Others present included Analysts, and Observers. The forum was convened to explore how parliaments can help catalyse mini-grid projects through legislative action.

Most of the technical experts were concerned with solar power, Kisiizi was the only representative of a hydro-electricity scheme. Solar power, or wind power for countries near the sea, are probably more generally applicable to many African countries but hydro-electricity is more useful where energy for workshops and industrial use is needed. The delegates were interested to hear how Kisiizi Electricity was developed with government help and how it had benefitted the local community.

With hindsight it would have been very useful to have made a survey of Kisiizi Electricity customers to document the benefits. We know from our customers that there has been a large increase in local industry from using electricity. We now have several grain mills, a carpentry workshop, several welders, and battery charging as well as shops and hotels. All the hotels have television, when there is a power cut the biggest complaints come from people unable to watch football on TV!

Challenges for 2014.

Our main work for the near future is installing meters for the staff houses. We have had the meters since May 2013. They are necessary as at present electricity is free for staff within the hospital and they are using excessive amounts. Our plan is that staff will receive a good amount of free electricity each month and a discount on any use above that.

We have 90 meters waiting to be installed and we shall shortly be ordering more. Once we have these, our investment in meters and connection cable will be completed except for replacements. This means we have reached the end of our major investment phase.

Our priorities then will be repaying loans off. We repaid one loan of £6,000 this year.

Mr. Herbert Kwikiriza, Manager KHPL