

Case Study: Fife Acute Hospital Trust

Fife Acute Hospitals NHS Trust was created on 1 April 1999 following the re-organisation of NHS Trusts in Scotland. It was formed by the amalgamation of Kirkcaldy Acute Hospitals NHS Trust and Queen Margaret Hospital NHS Trust. Fife Acute Hospitals NHS Trust serves a population of around 350,000. It has an income of approximately £100 million and employs nearly 3,500 people. The Trust's services are delivered on the following sites:

- Victoria Hospital, Kirkcaldy
- Forth Park Maternity Hospital, Kirkcaldy
- Queen Margaret Hospital, Dunfermline

The project concentrated mainly on Victoria Hospital, although energy efficiency measures were also undertaken at Forth Park Maternity Hospital.

Victoria Hospital in Kirkcaldy was originally established as a Fever Hospital and Sanatorium, intended mainly for infectious diseases and tuberculosis patients. The remains of the former Hospital occupy a small corner of the present day site, alongside two large more modern developments which took place over the late 1950s to late 1960s. The completion of these buildings provided Central and East Fife with its modern District General Hospital. Victoria Hospital provides a wide range of health care services. The hospital has 458 beds and provides a wide range of in-patient, day case, and outpatient services.

Forth Park Maternity Hospital provides a wide range of health care including antenatal, intranatal and postnatal care for women and delivers on average 3,000 babies each year. There are 63 obstetric beds on site and a 24 bedded ward for gynaecological patients.

Financial Savings

Project Description	Tasks Completed	Target Savings (£k p.a.)	Current Savings (£k p.a.)
Baler / Compactor Project	Installation of cardboard and polythene baler, along with domestic waste compactor.	5	7
VHK Laundry Energy	A new batch press was fitted and modern controls attached to one batch washer. More efficient steam traps were fitted to replace existing units.	3	4
Victoria Hospital Energy	Monitoring and improving temperature controls.	16	6
Forth Park Hospital Energy	Better utilisation of CHP plant.	17	3
TOTAL		41	19

The table above shows that the Fife Acute Hospital Trust has achieved around half of their total target savings to date.

Environmental Savings

Environmental Savings	Starting Point	Current	% Reduction
Emissions (Tonnes p.a.)	5,528	5,505	0.4%
Energy (kWh 000's p.a.)			
- Electricity	10,040	10,030	0.1%
- Gas	1,548	1,455	6%

The Trust has made useful savings by reviewing energy and waste management systems. Similar measures and savings could be taken in other hospitals.