

ENERGY SAVING MEASURESProjects completed 2016/17

SITE	PROJECT	APPROX COST (£)	ESTIMATED ANNUAL SAVINGS (kWh)	ESTIMATED ANNUAL SAVINGS (£)
Burghead Primary School	Roof Insulation	6,332	20,695	745
Forres Pool *	Ventilation & fabric upgrade	171,776	n/k	24,538
Forres Pool *	Pump Invertors VSD	14,406	19,710	2,058
Forres Pool *	Solar thermal	4,291	28,280	613 + 2,085 RHI
Forres Pool *	Lighting upgrade	8,715	10,585	1,245
Findochty Primary School	Replace Taps in toilets	703	n/a	n/a
Milnes Primary School	Fit new Lights in Gym Hall	2,500	4490	579
Cooper Park Greenhouses	Install Insulation	2,000	107,000	2,067
Milnes High School	LED Lighting in GP Hall	6,360	15,390	1,847
Forres Flood Scheme	Reduction of electrical AVCAP	0	0	2,500
Tomintoul Primary School	Radiator reflector panels	0	8,270	350
Falconer Museum	LED Lighting	749	10,572	1,218

* Used remainder of CEEF fund £148,000

Additionally the completion of the 4-Schools project will have realised significant savings in both electricity and heating related energy consumption. A full 12-month period is required to be able to accurately assess the impact.

Projects currently ongoing or in detailed feasibility stage:

SITE	PROJECT	APPROX COST (£)	ESTIMATED ANNUAL SAVINGS (kWh)	ESTIMATED ANNUAL SAVINGS (£)
Forres Academy – 4 Halls Keith Sports Centre Buckie High School Kinloss Primary Elgin Community Centre Milne's High School	Replacement of High bay lighting with LED	70,000	350,000	34,000
Keith Grammar School	Upgrade controls on electric heating	500	5,600	672
Forres Pool *	Pump Invertors VSD	14,406	19,710	2,058
Rothes Primary	District Heat from CORDe	Being assessed	Being assessed	Being assessed
Ashgrove Depot	LED Lighting	4,000	11,400	1,300
Ashgrove Depot	Compressed Air Leaks	Being assessed	Being assessed	Being assessed
Various Sites	Water Smart Meters	3,500	0	0
East End PS	LED lighting	Being assessed	Being assessed	Being assessed

Projects under consideration – initial feasibility stage:

SITE	PROJECT
Elgin Library	Replace external lighting
Milnes PS	Upgrade BEMS
All sites	Valve and pipe insulation
Sanquhar Pond, Forres	Small hydro installation
Keith Grammar/Sports	Install electricity sub-meter
Various Sites	Hydroboil time control
Various Sites	Urinal controls
Various Sites	External lighting controls
Milnes Early Years Centre	PV Electricity Generation
Greenwards PS	Energy Audit Recommendations
Portgordon PS	Energy Audit Recommendations
Cullen PS	Energy Audit Recommendations
Tomintoul PS	Energy Audit Recommendations
Knockando PS	Energy Audit Recommendations
Dallas PS	Energy Audit Recommendations
Speyside Pool	Full Pool Refurbishment
Buckie HS Pool	Full Pool Refurbishment
Keith Sports Centre	Full Pool Refurbishment
Newmill PS	Hall lighting
Alves PS	Internal lighting
Alves PS	Water taps replacement
Isla Bank Keith	Car park lighting
Dufftown Community Centre	Lighting
Mosstodloch PS	Classroom lighting
Burghead PS	Heat from Maltings