

Lighting Upgrade

Templeorum Community Hall

With a large electricity, oil and gas demand for heating at their buildings, SOS Kilkenny is concerned about promoting a sustainable energy practice while meeting its daily business objectives. However, after successfully upgrading their gas/oil boiler and increasing their attic and wall insulation, the benefits and cost savings were clear. The 3 Counties Energy Agency (3CEA) through the Sustainable Energy Authority of Ireland's Better Energy Communities programme is helping by administering state-wide funding for energy efficiency and renewable energy projects.

Summary

Company name:	Leetherm / Piltown Parish
Project actions:	Upgrade all current units to LED equivalent.
Finance source:	Internal
Additional funding:	SEAI BEC 2018 programme
% funding:	50%
Grant amount:	€ 1,208
Total project cost:	€ 2,415
25-year savings:	€ 11,305
Simple payback time:	2.8 years



	Annual Energy (kWh)	Annual Value (€)	Annual CO ₂ (tonnes)
Imports Before project	2,850 kWh	€ 570.00	1.2 tonnes
Imports After project	589 kWh	€ 117.80	0.3 tonnes
Savings	2,261 kWh	€ 452.20	0.9 tonnes

Benefits

Thanks to the lighting upgrade, Piltown Parish saved money and reduced its carbon footprint through the BEC 2018 Programme.

The lighting upgrade has resulted in a much better quality of light by using the newest technology LED lamps. The decrease in wattage has led to much lower electricity bills.

3CEA are working hard to develop another award-winning project involving SMEs, local community groups, local authorities and homeowners. For more information on BEC please contact 3CEA office.