

Heating Upgrade

Kerlogue Nursing Home

Kerlogue Nursing home is located in Rocksborough, Co. Wexford and is occupied year-round with 120 indigenous staff. The nursing home had a large gas demand for heating at their buildings. However, after successfully upgrading their heating system, 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:	Kerlogue Nursing Home
Project actions:	Conversion of heating system to Gas Network. Installation of 3 high efficiency condensing gas boilers. Installation of thermal store and recovery cylinder.
Finance source:	Internal
Additional funding:	SEAI BEC 2017 programme
% funding:	30%
Grant amount:	€ 30,264
Total project cost:	€ 100,880
25-year savings:	€ 111,606
Simple payback time:	15.82 years



	Annual Energy (kWh)	Annual Value (€)	Annual CO ₂ (tonnes)
Imports Before project	461,540 kWh	€ 23,077.00	94.6 tonnes
Imports After project	372,255 kWh	€ 18,612.75	76.3 tonnes
Savings	89,285 kWh	€ 4,464.25	18.3 tonnes

Benefits

Thanks to the heating upgrade, Kerlogue Nursing Home saved money and reduced its carbon footprint through the BEC 2017 Programme.

The heating upgrade have helped increase the thermal comfort of the building for its users and reduced the number of hours the heating is required.

. 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.