

# Heating Controls

## Laois Landfill

Laois Landfill was built in 2007. The building was heated with electric convectors heaters with no temperature control. These are source of large spending in electricity for Laois County Council. However, after successfully replacing their convectors heaters, 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

<b>Company name:</b>	Laois County Council
<b>Project actions:</b>	Replace electric convectors heaters with electric radiators with smarts controls (timer and thermostat).
<b>Finance source:</b>	Internal
<b>Additional funding:</b>	SEAI BEC 2018 programme
<b>% funding:</b>	30%
<b>Grant amount:</b>	€ 1,269
<b>Total project cost:</b>	€ 4,231
<b>25-year savings:</b>	€ 76,500
<b>Simple payback time:</b>	0.97 years



	Annual Energy (kWh)	Annual Value (€)	Annual CO <sub>2</sub> (tonnes)
Imports Before project	74,314 kWh	€ 11,147.10	30.4 tonnes
Imports After project	53,914 kWh	€ 8,087.10	22.1 tonnes
Savings	20,400 kWh	€ 3,060.00	8.3 tonnes

### Benefits

Thanks to the heating controls, Laois County Council saved money and reduced its carbon footprint through the BEC 2018 Programme.

The heating controls 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.