

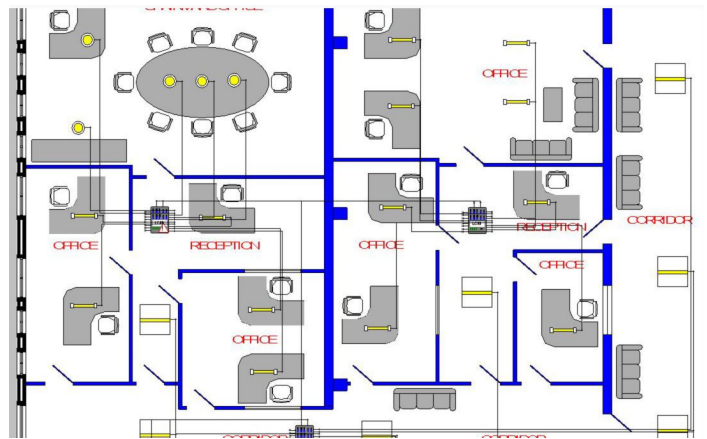
Lighting Controls Upgrade

Wexford County Hall – Civic Office

Wexford County Hall had a large electricity demand because of an inadequately controlled lighting system. However, after successfully upgrading their lighting automated controls, 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:	Wexford County Council
Project actions:	Remove all lights from Dali system in Block C and replace the controls with timers and dimmers.
Finance source:	Internal
Additional funding:	SEAI BEC 2018 programme
% funding:	30%
Grant amount:	€ 14,506
Total project cost:	€ 48,352
25-year savings:	€ 894,814
Simple payback time:	0.95 years



	Annual Energy (kWh)	Annual Value (€)	Annual CO ₂ (tonnes)
Imports Before project	900,253 kWh	€ 135,037.95	368.2 tonnes
Imports After project	661,635 kWh	99,245.37	270.6 tonnes
Savings	238,617 kWh	€ 35,792.58	97.6 tonnes

Benefits

Thanks to the lighting controls upgrade, Wexford County Council saved money and reduced its carbon footprint through the BEC 2018 Programme.

The lighting Controls upgrade has resulted to a reduction of the use time of the lights, which has led to much lower electricity bills and much longer life time.

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.