

External Floodlighting Upgrade

Abbeyleix Lawn Tennis Club

Abbeyleix Lawn Tennis Club was constructed in 1978. The floodlights accounted over half of the total electrical demand of the tennis club. However, after successfully upgrading their floodlights, 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:	Abbeyleix Lawn Tennis Club
Project actions:	Replace halogen floodlights with LED equivalent floodlights.
Finance source:	Internal
Additional funding:	SEAI BEC 2018 programme
% funding:	50%
Grant amount:	€ 16,923
Total project cost:	€ 33,846
25-year savings:	€ 7,425
Simple payback time:	56.97 years



	Annual Energy (kWh)	Annual Value (€)	Annual CO ₂ (tonnes)
Imports Before project	7,540 kWh	€ 678.60	3.1 tonnes
Imports After project	4,240 kWh	€ 381.60	1.7 tonnes
Savings	3,300 kWh	€ 297.00	1.4 tonnes

Benefits

Thanks to the floodlighting upgrade, Abbeyleix Lawn Tennis Club saved money and reduced its carbon footprint through the BEC 2018 Programme.

The floodlighting 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.

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