

CASE STUDY

Hot Water Heat Pump

Greystones Lawn Tennis Club

Client Objective:

Greystones Tennis Club was heating hot water for the members' showers using Oil fired water heaters. The units were aging and inefficient costing the club €1600 per year in hot water costs alone. They approached Glenergy looking for a cheaper and greener alternative.

Solution:

Glenergy's Ecotank Hot Water Heat Pump

This hot water heat pump uses ambient air temperature to generate heat to heat water. **It is 3 times cheaper** to run than their Oil boiler set up and simple to install. In the Tennis Club the heated air surrounding their existing space heating boiler provided extra heat to fuel the heat pump process. Further savings were achieved by using cooled air from the Heat Pumps in a nearby cold room further reducing refrigeration costs for the club bar.

Results:

66% reduction in Hot Water Costs! The Tennis club costs have reduced from €1600 per year to €500. Further reduction in Bar refrigeration costs are expected.

The system was part financed by Glenergy finance packages which meant the Tennis club can pay back the system over time easing the requirement for upfront payments.

Greenhouse Gas emissions reduced by 1000 kg / CO₂ per annum approx.

