

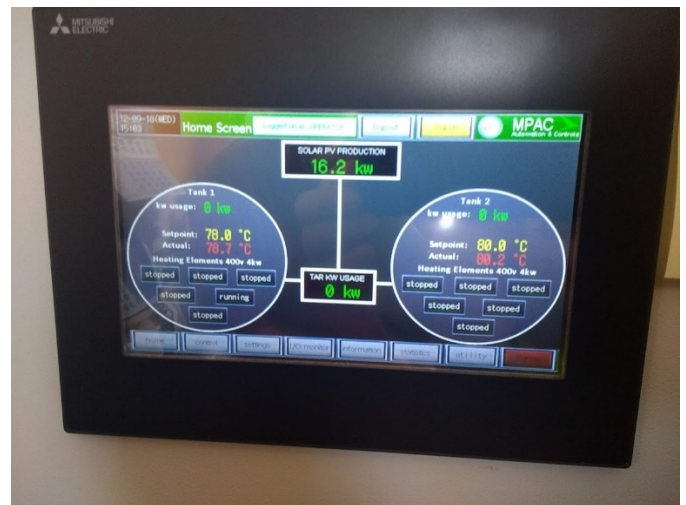
# Heat Management Upgrade

## Enniscorthy Machinery Yard Case Study

A number of upgrades have been completed in the machinery yard in 2016 & 2017 under the BEC programme. On site, heating of the tar demanded a lot of electricity. However, after successfully upgrading their heat management 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

<b>Company name:</b>	<b>Wexford County Council</b>
<b>Project actions:</b>	Install heat dump controller to ensure all PV generated site is utilised and to optimise the heating of the tar using setting points.
<b>Finance source:</b>	Internal
<b>Additional funding:</b>	SEAI BEC 2018 programme
<b>% funding:</b>	30 %
<b>Grant amount:</b>	€ 3,636
<b>Total project cost:</b>	€ 12,119
<b>25-year savings:</b>	€ 30,780
<b>Simple payback time:</b>	6.9 years



	Annual Energy (kWh)	Annual Value (€)	Annual CO <sub>2</sub> (tonnes)
Imports Before project	24,974 kWh	€ 3,746.10	10.2 tonnes
Imports After project	11,294 kWh	€ 2,514.90	4.6 tonnes
Savings	13,680 kWh	€ 1,231.20	5.6 tonnes

## Benefits

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

The heat management upgrade has helped utilise all PV generated on site, optimise the heating of the tar and reduce costs by optimising night rate electricity.

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.