




**Kurt J. Lesker**<sup>®</sup>  
Company

**Kurt J. Lesker**  
**CASE STUDY**

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Advantage Utilities Case Study  
Kurt J. Lesker Company



*Kurt J. Lesker in Hastings will save £25,687.20 (30p/kWh) per year through installing Solar PV.*

## INTRODUCTION

Kurt J. Lesker Company® (KJLC®) is the leading global provider of high-quality vacuum equipment. The depth and breadth of the markets they serve include LEDs, Optics, UHV/Synchrotrons, Electronics, Wear and Decorative Coatings and R&D.

Here at Advantage Utilities, we have been working with Kurt J. Lesker, since 2016, on multiple projects including their gas and energy contracts, assisting them to get Scope 1 and 2 certified and more recently facilitating solar PV installation on one of their factory space in Hastings.





## SWITCHING TO RENEWABLE ENERGY:

Having originally come to us for help with their energy and gas contracts we are now focusing on making these energy contracts greener. They have identified the need to reduce their carbon footprint, and, in this climate, they are aiming to reduce their energy costs by using 70% renewable energy at their factory space.

To make this switch to greener energy, Advantage Utilities is working with the company to install solar panels to reduce their energy bills and usage.



# SOLAR PANEL INSTALLATION:

THE KEY NUMBERS FOR KURT J LESKER'S SOLAR PV SYSTEM.

The solar panels Installed are 100.04 kWp

STATS	FIRST YEAR:	LIFETIME OF SYSTEM (25 YEARS):
<b>Generation</b>	107,413 kWh	2,575,510 kWh
<b>Energy savings</b>	85,624 kWh (80% utilisation, 20% export)	£513,265 (average of 25p/kWh over 25 years)
<b>Carbon benefit to UK relative to standard grid</b>	20,409 kg/20.5 tonnes of CO2 (0.19kg of CO2 per kWh based on standard government conversion factors).	257,551 kg/257 tonnes (modelled average of 0.1kg of CO2/kWh over 25 years)
<b>Equivalent US forest</b>	90 acres (1 acres draws down 840 kg of CO2 - environmental protection agency)	5p/kWh
<b>Lifetime cost of electricity (LCoE)</b>		5p/kWh



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ADVANTAGE UTILITIES

YOUR COMPETITIVE ADVANTAGE

SOLAR PV CASE STUDY

PRESENTED BY

CHIARA BROWNE

HEAD OF ACCOUNT MANAGEMENT



# INSTALLATION & FINAL PRODUCT





# CLIENT TESTIMONIAL

*Working with Advantage Utilities on this project has been seamless and they have been easy to deal with, reliable provided us with good information and everything was on time.*


*In a company when you order something and sign on the dotted line, you often find that what you receive is not what you were expecting, unfortunately, it is how the world works at times, **but in this case what was promised is exactly what was delivered.***

*I would 100% recommend the services of Advantage Utilities to my colleagues and peers.*

SIMON MANSBRIDGE  
MD, KURT J LESKER



# THANK YOU



With more than 20 years of experience, Advantage Utilities is a commercial energy and sustainability consultancy based in Southwest London.

As a business utility consultancy, we strongly believe that we have a responsibility to help our staff, customers, and partners achieve Net-Zero and reduce greenhouse gas emissions to help meet the UK government Net-Zero target.

If you'd like to learn more about our Renewable Energy Solutions, please visit our [website here](#) or if you'd prefer to speak to a member of our team, please get in touch at [info@advantageutilities.com](mailto:info@advantageutilities.com) or book a free consultation [here](#).



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