

LAKESIDE ENERGY FROM WASTE

COLNBROOK, BERKSHIRE

Lakeside Energy from Waste is a joint venture between Grundon Waste Management and Viridor. Situated close to Heathrow Terminal 5, the facility consumes London's non-recyclable waste to generate 37 MW of electricity. Lakeside EFW are constantly innovating and sought to further their environmental standing by investing in a Solar PV installation. From amongst the competition BELECTRIC UK were chosen to construct the system, which will now generate energy onsite with the express purpose of powering their flagship facility.

SYSTEM SIZE	250kWp
EST. REVENUE & SAVINGS	£40,000/yr
ANNUAL PRODUCTION	230,500kWh
ANNUAL CO ₂ SAVINGS	137,380kg/yr



“Although the Lakeside facility has been running for 4 years now, we are continuously trying to maximize operating efficiency – particularly the amount of energy we use. We were surprised to learn that even in the UK, which is not known for brilliant weather, solar energy technology performs really well, and now generates the energy we need to run the plant operations. This was not a straightforward job because the curvature of the roof meant that very close attention had to be paid to health and safety. The BELECTRIC team worked very closely with us in this challenging environment and did an excellent job”.

Danny Coulston, Director of Operations at Lakeside EfW

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