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Upon completion of SOLARCYCLE's recycling services, SOLARCYCLE provides customers with an Environmental Impact Report ("EIR"). The EIR summarizes the environmental impact and landfill diversion of recycling or reusing a customer's solar panels. Included in the EIR is the estimated net carbon impact, (calculated in kg of CO2 equivalent) of recycling or reusing the solar panels. SOLARCYCLE uses the Environmental Protection Agency's [Greenhouse Gas Equivalencies Calculator](#) to compare the amount of CO2 diverted through recycling or reuse with everyday activities such as powering a home or driving a gas-powered car. The information provided in the EIR on the impacts of recycling is, in large part, derived from the paper titled, ["High yield, low cost, environmentally friendly process to recycle silicon solar panels: Technical, economic and environmental feasibility assessment."](#) co-written by Pablo R. Dias, one of SOLARCYCLE's founders and current Chief Technology Officer. The information provided in the EIR on the impacts of reuse is, in large part, derived from a Life Cycle Assessment conducted by SOLARCYCLE based on a combination of empirical data and published academic sources.