

Patcham Junior School

Solar Performance Report

2025

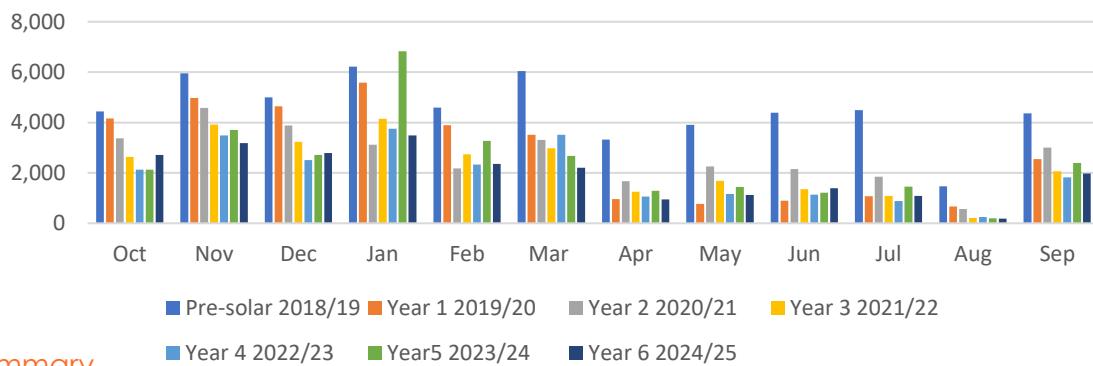


Brighton & Hove Energy Services Co-operative Ltd

Site: Patcham Junior School

Description of Work: 29.7 kWh Solar PV

Total Electricity Consumption (kWh)



Summary

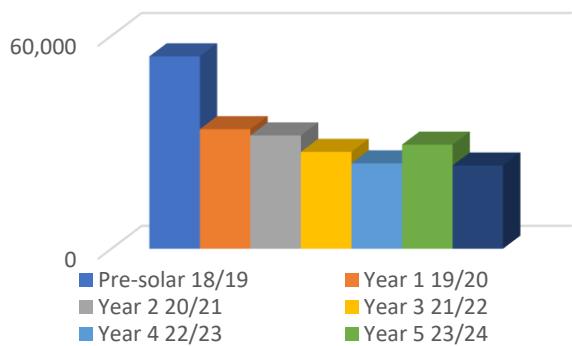
The graph above shows your monthly consumption, highlighting your electricity use during the school terms and seasonal changes throughout the year. It clearly shows the difference the solar panels have made to your consumption of electricity from the grid particularly during the sunny months between April and September.

The graphs below present an overview of the electricity consumption for the period from October 2019 to September 2025 compared to the year your solar panels were installed.

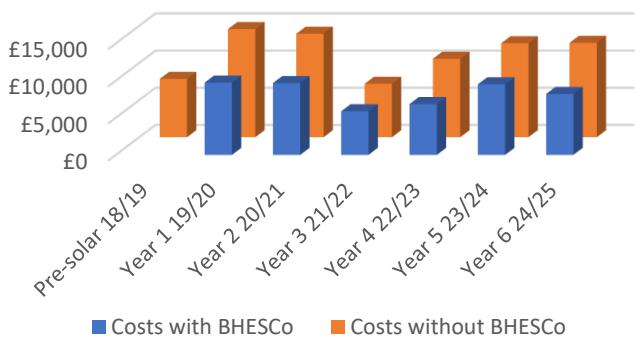
In October 2019 BHESCo installed a Solar PV system at Patcham Junior School. In comparison to your pre-solar year, the amount of electricity purchased from your supplier has been consistently lower. On average, you have saved 25,915 kWh a year of electricity from your supplier compared to your pre-solar year. In the past two years, you have saved 24,894 kWh (2023/24) and 30,756 kWh (2024/25).

Translated into financial terms, this means you have saved £37,193 in electricity costs, taking price changes into account. Our analysis is based on your variable costs from your bills.

Electricity Consumption (kWh)



Electricity Costs £ Comparison



Including the cost of BHESCo's lease, Patcham Junior School has saved £21,761 in electricity costs since installing the solar panels and reduced its CO₂ emissions by 35.73 tonnes. This is equivalent to planting 559 trees saplings.