

## Case Study

# North Somerset Council

### Background

North Somerset Council underwent extensive car park improvements at its Castlewood headquarters in Clevedon. Part of the contract required the provision and installation of car park lighting to provide a safe and secure environment for the council office workers.

### Challenge

The Castlewood car park installation is the first installation for North Somerset Council and Steve Hodges, M&E and Energy Manager at the council commented, 'We were first made aware of the technology by Prolectric back in early 2014, which was about the time we were looking at the car parking challenges we had at the site.'



**Advanced Technology**  
'All in One' compact design



**Battery Technology**  
Highly reliable performance during winter



We were the first company in the UK to install solar-only permanent street lights in 2011 and are now the market leader with thousands of units installed on streets, car parks and footpaths across the country.

*After researching the technology in more detail, we decided to install Prolectric's solar lighting on our site. The installation was completed in early November and I am pleased to say that the technology has performed very well through the harsh winter months.*

**Steve Hodges**  
M&E and Energy Manager



# The Solution

After researching the technology in more detail, we decided to install Prolectric's solar lighting. The installation was completed in early November and I am pleased to say that the technology has performed very well through the harsh winter months'.

Steve also added 'As well as installation savings our running costs are zero, making it a very cost effective solution from both a capital and revenue perspective'.

Prolectric's Managing Director commented, 'We are really pleased

to support North Somerset in reducing the costs of the installation by some 50% when compared to a conventional mains powered lighting solution. Significant savings, are made because installing our solar lights reduces the need to excavate many metres of trenches to lay power cables.

Prolectric now has thousands of these lights up and down the country, operating in streets, car parks and footpaths. Providing an energy efficient solution at the same time as reducing installation costs considerably'.

## AE3 Solar LED Street and Car Park Lighting

Year-round, permanent solar street lighting. Simple to install & no need for external electrical power.

- No carbon emissions
- No mains power
- Low maintenance
- Quick installation and delivery service
- No on-going energy costs



## Why choose Prolectric?



**No Emissions**  
No fumes or greenhouse gas emissions.



**No Noise**  
Ideal for urban and residential locations.



**No Mains Power**  
No need for trenches or cabling, external electricity or a DNO connection.



**Low Maintenance**  
Easy installation and long operating life.



**Low Cost**  
Installation costs are halved and no on-going running costs.

Prolectric's innovative solar powered lighting helps to reduce your electricity costs. For over a decade Prolectric have worked closely with many Local Authorities and Blue Chip Companies in developing reliable and cost effective renewable energy solutions.