

Construction Environmental Management Plan (CEMP)

Project Title: Solar Installation Project at Hayling Island Sailing Club (HISC), Sandy Point, PO11 9SL

Prepared By: Solarpowerful Ltd

Date: 7th January 2025

1. Introduction

This Construction Environmental Management Plan (CEMP) outlines the measures and procedures to be implemented by Solar Powerful Ltd to minimize environmental impacts during the solar installation project at Hayling Island Sailing Club. This plan considers the project's proximity to Chichester and Langstone Harbours Special Protection Area (SPA) and Chichester Harbour Site of Special Scientific Interest (SSSI).

2 Project Description

- Proposed installation of solar panels buildings that are part of Hayling Island Sailing Club (HISC), Sandy Point, PO11 9SL. The installation will involve the mounting of 158 photovoltaic panels on two building's roofs
 - All panels will be placed more than 1m from the roof edge and will protrude less than 0.2m from the current roof pitch.
 - The proposed solar install will produce 72kW of power and reduce annual CO2 emissions by 15 tonnes.
 - This project will be a key part of Energise South Downs' first batch of community owned solar PV panels which will contribute to local and national carbon reduction targets.
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3. Objectives

- Protect sensitive habitats and species associated with the SPA and SSSI.
 - Minimize disturbance from noise, waste, and vehicle movements.
 - Ensure compliance with relevant environmental legislation and best practices.
 - Promote environmental awareness among workers and subcontractors.
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4. Site-Specific Environmental Considerations

- **Proximity to Protected Areas:** The site is near ecologically sensitive areas, including Chichester and Langstone Harbours SPA and Chichester Harbour SSSI.
- **Key Ecological Features:** Bird species, intertidal habitats, and water quality must be protected.
- **Seasonal Sensitivities:** Breeding and overwintering periods for protected bird species.

5. Environmental Management Measures

5.1 Waste Management

- **Waste Segregation:** All waste generated on-site will be segregated into recyclable, non-recyclable, and hazardous categories.
- **Storage:** Waste will be stored in designated, secure containers to prevent leakage or spillage.
- **Disposal:** Waste will be removed regularly by a licensed waste carrier and disposed of at authorized facilities.
- **Documentation:** Records of waste transfer notes and disposal certificates will be maintained.

5.2 Noise Control

- **Scaffolding and Drilling:** Noise levels will be minimized through the use of noise-dampening equipment and techniques. All machinery will be regularly maintained to reduce noise emissions.
- **Scheduling:** High-noise activities will be limited to designated hours (see Section 4.4).
- **Monitoring:** Noise levels will be periodically monitored to ensure compliance with local noise regulations.

5.3 Vehicle Management

- **Access Routes:** Vehicles will use designated access routes to avoid sensitive areas.
- **Timing:** Deliveries and other vehicle movements will be scheduled during permitted hours to minimize disruption.
- **Emission Controls:** All vehicles and machinery will meet emission standards and be switched off when not in use to reduce idling emissions.
- **Parking:** Vehicles will park only in designated areas to avoid impacting sensitive habitats.

5.4 Hours of Work

- **Standard Working Hours:**
 - Monday to Friday: 08:00 to 18:00
 - Saturday: 08:00 to 13:00
 - No work on Sundays or public holidays.
- **Exceptions:** Any work outside these hours will require prior approval from the local authority.

5.5 Ecological Protection

- **Buffer Zones:** A buffer zone of 5m will be maintained around sensitive habitats.
- **Seasonal Restrictions:** Activities likely to disturb birds will be avoided during breeding and overwintering periods.
- **Supervision:** An ecological clerk of works (ECoW) will oversee activities to ensure compliance with ecological protection measures.

5.6 Contact Information

Provide a table of contact details for key personnel:

Role	Name	Contact Number	Email Address
Environmental Manager & Site Supervisor	Luke Stockdale- Powell	07725 803 305	luke@solarpowerful.co.uk

6. Emergency Response Procedures

- **Spill Response:** Spill kits will be available on-site, and personnel will be trained in their use.
 - **Incident Reporting:** Any environmental incidents will be reported immediately.
 - **Contacts:** Emergency contact details for local environmental authorities and wildlife organizations will be prominently displayed on-site.
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7. Communication and Training

- **Site Inductions:** All personnel and subcontractors will receive a site induction covering environmental management measures.
 - **Toolbox Talks:** Regular toolbox talks will be conducted to reinforce key environmental practices.
 - **Stakeholder Engagement:** Nearby residents and stakeholders will be informed of project activities and any potential impacts.
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8. Monitoring and Reporting

- **Environmental Monitoring:** Regular inspections will be carried out to ensure compliance with this CEMP.
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9. Conclusion

This CEMP provides a framework to minimize environmental impacts during the solar installation project, Solarpowerful Ltd is committed to implementing these measures and ensuring the protection of the surrounding environment.

Approved:

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Location of Hayling Island Sailing Club in relation to environmental protection areas

