

BAFTA ALBERT SUSTAINABLE PRODUCTION GUIDE

Electrical and Lighting Departments

Every department in our industry has a part to play in the journey toward a low-carbon future. The Electrical & Lighting Departments are no exception. Energy use is often one of the largest contributors to a production's carbon footprint, placing these teams at the forefront of sustainable production. By adopting more efficient lighting, power generation, equipment choice, and operating practices, the Electrical and Lighting Departments have significant influence and can create meaningful reductions in both energy use and carbon emissions.

This guide includes general considerations as well as a checklist your department can use to create its own action plan that will help the production achieve BAFTA Albert certification.

General Considerations

General Considerations for ALL Departments
Start early. The sooner you plan for sustainability, the bigger your impact. Build it into your production from day one, so it's not an afterthought, but the foundation.
Understand your impact. If you want to reduce your environmental impact, you have to know what it is. Encourage your productions to use albert's toolkit to help you track emissions and decarbonise.
Prioritise your actions based on the findings. Where possible, ensure you're taking action on the largest areas of your environmental impact.
Define and communicate your intentions. Once you've got a plan, make sure to share it so everyone has every opportunity to know and join in.
Default to digital paperwork ; print only if requested.
Source locally to minimise transport emissions.
Eliminate single-use items wherever reusable alternatives exist.
Use recycled, certified sustainable, or biodegradable materials.
Engage with your suppliers by sharing your sustainability goals and choosing suppliers with sustainability credentials, or by using the BAFTA albert Suppliers Directory.
Ensure recycling bins are available and labelled clearly.
Turn off unused appliances , lighting, and electronics.
Promote sustainable practices in briefings and meetings.
Attend BAFTA albert sustainability training and workshops.
Reduce the materials used. Reuse props, costumes, sets, etc. Recycle materials correctly to avoid landfill.

Electric and Lighting Sustainability Guidance

Awareness & Engagement (1.2)

- ☐ Educate crew on benefits of sustainable power solutions.
- ☐ Communicate across departments on production to ensure operations are as efficient as possible.

Pre-Production & Sourcing (1.2 and 2.1)

- ☐ Power lead appointed to manage energy use, meet reduction targets and align with sustainability goals. Conduct power planning meeting in preparation to assess power requirements and reduction strategies.
- ☐ Involve electrical technicians in location scouting to plan power requirements efficiently and identify access points.
- ☐ Communicate across departments to share power sources across departments to reduce generator use.
- ☐ Create lighting plans to track power requirements, especially location-specific lighting.
- ☐ Reduce unnecessary equipment to fit into smaller vehicles.

During Production (2.1, 2.6, 2.7 and 2.9)

- ☐ Energy use monitored with telemetry or similar tools to optimise performance and support data-driven decisions.
- ☐ Commit to follow the clean energy hierarchy, prioritising reducing energy usage, and using available grid power first.
- ☐ Where temporary power is needed, commit to using renewable energy, batteries, hybrid solutions or HVO. For more details on the power hierarchy, please refer to [SPARK](#).
- ☐ Avoid over specifying generators to reduce emissions and waste.
- ☐ Prioritise efficient LED lighting packages which uses around 75-90% less power than tungsten.
- ☐ Avoid or recycle lighting gels.
- ☐ Use reuseable items like crocodile clips and clamps.
- ☐ Use lighting consoles to dim lights between takes rather than turning them completely off and on, saving both power and extending lamp life.
- ☐ Turn off lighting consoles and equipment when not in use.
- ☐ Donate or reuse leftover expendables.
- ☐ Limit night-time lighting in wildlife-sensitive locations.
- ☐ Maximize the use of daylight to reduce the need for artificial lighting, especially for exterior or daytime scenes.

- ☐ Redirect existing light sources instead of adding another powered fixture by using bounce boards, reflectors, and mirrors.

After wrap (2.7)

- ☐ Ensure rented equipment is returned.
- ☐ Assess equipment to see if any repairs are required.
- ☐ If equipment is broken and beyond repair, ensure it is disposed of correctly.