



## Environmental Impact Policy

**Statement of Commitment** At Green Solergy Engineering, we believe that building renewable energy infrastructure must not come at the cost of the environment we seek to protect. Our commitment goes beyond generating clean energy; it extends to ensuring that every kilowatt we install and every structure we build is executed with the lowest possible ecological footprint.

We are dedicated to achieving **Carbon Neutrality** in our operations and promoting sustainable development across Pakistan and the Middle East.

### Our Environmental Strategy:

#### 1. Sustainable Engineering & Construction (EPC)

**Site Preservation:** We conduct thorough environmental impact assessments prior to breaking ground to minimize disturbance to local biodiversity, soil stability, and natural drainage systems.

**Dust & Noise Control:** We implement rigorous suppression techniques to minimize air pollution and noise disturbance during civil works and installation phases.

**Efficient Design:** Our engineering teams utilize advanced software to optimize cable routing and material usage, reducing construction waste by design.

#### 2. Resource Conservation & Management

**Water Stewardship:** We utilize water-efficient technologies for solar panel cleaning (O&M) and strictly monitor water usage at all construction sites.

**Energy Efficiency:** We actively reduce our own operational energy consumption by utilizing solar-powered site offices and energy-efficient machinery wherever feasible.

#### 3. Waste Management & Circular Economy

**Zero-Waste Mindset:** We follow the hierarchy of **Reduce, Reuse, and Recycle**. All construction debris, packaging materials (pallets, cardboard), and electrical scrap are segregated at the source.



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**Hazardous Waste:** Electronic waste and hazardous materials are handled and disposed of strictly in accordance with EPA regulations and international best practices.

**End-of-Life Management:** We advise clients on the responsible decommissioning and recycling of PV modules and batteries at the end of their project lifecycle.

#### 4. Supply Chain Responsibility

We prioritize procurement from manufacturers and suppliers who demonstrate ISO 14001 compliance and sustainable manufacturing processes. We aim to reduce our logistics carbon footprint by optimizing supply chain routes and prioritizing local sourcing where quality standards allow.

#### 5. Compliance & Continual Improvement

Green Solergy pledges full compliance with all applicable environmental laws in Pakistan (PEPA) and the regions where we operate globally. We set measurable environmental targets annually and review our performance to drive continual improvement in our environmental management systems.

**"We do not inherit the earth from our ancestors; we borrow it from our children. Green Solergy is built on the promise of returning it in a better condition."**

**Engr. Mohsin Ihsan**

*Chief Executive Officer* Green Solergy Engineering Pvt. Ltd.

