SDG 7: Affordable & Clean Energy

UN Sustainable Development Goal Target: Ensure access to affordable, reliable, sustainable and modern energy for all.

EXECUTIVE SUMMARY - SDG 7: AFFORDABLE & CLEAN ENERGY
Heliopolis University (HU) actively advances SDG 7: Affordable & Clean Energy through an integrated model of higher education, scientific research, community development, and operational practice.

1. Key Institutional Achievements & Initiatives (2025)

- **On-Campus Solar Infrastructure:** Two solar power stations installed at the Faculty of Pharmacy and Administrative Building, working toward operating on 100% renewable energy in winter months.
- **Sustainable Energy Engineering:** Postgraduate M.Sc. program in Sustainable Energy Engineering and Management training leaders in clean tech.
- **Solar Installations for Smallholders:** Matrouh TOAP project installed 24 solar photovoltaic units for smallholder farmers to power irrigation and reduce fossil fuel use.
- **Energy Efficient Campus Design:** Architectural features maximizing natural lighting and airflow, shaded green spaces, and reduced cooling demand.
- **Clean Energy Research:** Applied research in renewable energy integration and green building standards.

2. Key Performance Metrics & Data Summary

Performance Metric / Indicator	2025 Reported Value
Winter Campus Renewable Energy Goal	**Up to 100%**
Solar PV Units Installed for Rural Farmers	**24**
On-Campus Solar Power Stations	**2 Major Stations**

3. Contributing University Faculties, Centers & Ecosystem Partners

- Faculty of Engineering
- Carbon Footprint Center (CFC)
- Campus Operations