



A short course to address skills gaps
in Liverpool City Region

INTRODUCTION TO RENEWABLES

SOLAR VOLTAIC PHOTO PRINCIPLES & MAINTENANCE

Provides an introduction to solar electrical principles and the design of solar energy systems. For those who want to acquire the knowledge to plan the installation and maintenance of these systems in the home, workplace or at customers' premises. An ideal taster course for those considering further training for installation as a career.

CONTENT

- How electricity is made in the generating mix
- The carbon production of the mix
- The daily demand cycle and how to make use of it
- Understanding solar system sizes & yield
- Maintaining solar systems to ensure continuous yield
- Health and safety when installing a complete solar system

9 to 12 guided learning hours



In-person evening course:
2-3 sessions



Assessment by online multiple
choice exam



No prerequisites except
functional maths & English



Certificate of attendance



Progress to other short
renewables courses or
further courses which
lead to accreditation in
the installation industry.

