



RENEWABLE SOLUTION

You want renewables, we've got the solution!

G59/3-2 TEST ENGINEER TRAINING

Our customized G59/3-2 Test Engineer training course is aimed at any electrician or engineer who wants to add another income stream to their business, and with the large scale renewable energy sector increasing rapidly, so is the call for onsite test engineers.

Upon completion of the training course you will be able to test your own installations and also advertise yourself to others as a G59/3-2 Test Engineer.

Our course will teach you all the theory aspects of the G59/3-2 testing requirements and also provide you with intense practical training, you will be working on the best test equipment needed to carry out the testing. However we have limited places available due to the fact we will have a headcount of no more than six candidates. This will also be our only six day training course Dave will be lecturing at this year due to our commitments to some of our larger solar projects.

Head to our website (<http://www.renewablesolutionconsultancy.co.uk/g59-3-1-test-engineer-course>) for more information or carry on reading and let us tell you more.

Our course is a total of 6 days, this includes;

One witness test on site in front of a DNO Witness

5 days doing intense theory and practical training in our workshop

Jon Hebard (August 2014)

'The training course was excellent.

*Daves knowledge and teaching skills
are second to none'*

Ian East (August 2014)

*'Excellent, I would not use any other
training provider'*

Stuart Turner (March 2015)

*'Enjoyable and entertain-
ing, bringing back things I only did in
my apprenticeship'*

John James (March 2015)

*'This course is intense and not for
the faint hearted'*

Next Available Date—7th—11th March 2016





Module One

- Design and specification of medium scale G59/3-2 grid connected PV Systems
- Protection requirements
- Distribution Network Operator (DNO) liaison process
- DNO notification and paperwork
- System testing procedures (theory)
- Commissioning and grid connection
- Examination
- Certificate Issued upon successful completion of examination
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Module Two

- Proving competency in testing and commissioning of G59/3-2
- Communication with the DNO regarding witnessing
- Rules and regulations in regards to OFGEM in relation to the DNO's
- Advanced information on Galvanic Corrosion and Galvanic Separation
- How we avoid Galvanic Reactions
- Discussing spurious excursions from the limits set by the DNO
- Advanced discussions on Vector Shift and ROCOF
- Discussing VARS
- Power Factor
- Vector Shift
- Sine Waves
- Voltage Tripping
- Synergy
- Discussing Compliant Invertors
- Familiarisation of the relays
- Familiarisation of the Testing Meter
- Examination

Module Three

Module Three

These training periods with the lecturer, will be conducted in a controlled classroom environment. They will consist of the following protection relays:

- Woodward MFR11 Protection Relay
- Comap Mains Pro Protection Relay
- Megacon KCG598 Protection Relay
- Woodward MFR12 Protection Relay
- Comap Intellipro Protection Relay
- Deep Sea DSEP100 Relay

Simulated G59/3-2 live testing is taught to candidate to ensure that they are compliant with DNO Officer Requirements for on-site testing and commissioning.

- Over and under voltage.
- Over and under frequency.
- Loss of mains through vector shift or ROCOF.

You will receive a total of 4 certificates once the course has been completed, meaning you will be able to advertise yourself as a G59/3-2 test engineer, charging at your own rates to do the tests.

The cost of the course is £3500+VAT (this can be paid in 2 payments, but must be paid in full before the start date), bearing in mind should you want to book more than 1 space we will offer a discount.

Contact Us

Give us a call for more information about our services and products

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01477 415000

leanne@renewablesolution.co.uk



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