

BRITISH ELECTRICITY AUTHORITY AND AREA ELECTRICITY BOARDS

GRADUATE TRAINING SCHEME *for* TECHNICAL ENGINEERING STAFF

The Central Authority and Area Boards are offering opportunities for graduates (both men and women) of United Kingdom universities and technical colleges to receive training with a view to their becoming members of the technical engineering staffs for generation, transmission or distribution.

Educational Standards

Applicants for training should possess—

- (1) an engineering degree of a U.K. university, or
- (2) a Higher National Diploma in Engineering, or its equivalent, or
- (3) a Higher National Certificate in Engineering, or
- (4) have passed the Associate Membership examination of either the Institution of Electrical Engineers or the Institution of Mechanical Engineers.

It will be advantageous if one or more of the following subjects have been included in the course of study leading to one of the above qualifications : thermodynamics, electrical machines, generation, transmission, distribution, utilisation.

Programme of Training

The programme of training, which will normally be of two years' duration, will be in accordance with one of the following courses : Course A, for the training of technical staff for power station operation ; Course B, for training in the construction, maintenance and operation of the transmission system ; Course C, for the training of technical staff for the distribution systems. Although it is desirable that an applicant should indicate a preference for one of these courses before being accepted for training, arrangements may be made during the first twelve months for a trainee to be transferred from one course to another.

COURSE A		COURSE B	
<i>Generating Station Operation and Maintenance</i>		<i>Construction, Maintenance and Operation of the Transmission System</i>	
Generating station ... (including workshops)	15 months	Operation (including generating station)	6 months
Control room (station and system)	1 month	Technical department	6 months
Transmission	1 month	Transmission	6 months
Distribution	1 month		
Engineering manufacturer, or construction and maintenance depart- ments of power station	6 months	Engineering manufacturer, or trans- mission line construction	6 months

COURSE C

Distribution

Engineering workshop	1 month
Mains department (cable laying, jointing and testing, line erection and repairs, sub-station construction and maintenance, mains records, electrical installation) ...	12 months
Testing department	3 months
Generating station	1 month
Transmission system... ..	1 month
Sales and consumers' department ...	3 months
Administration, or engineering manufacturer	3 months

The period of training may be extended to three years by mutual agreement to enable a trainee to obtain a more comprehensive experience covering all sections of the industry. In such a case, the course would be as follows :

COURSE D

Generating station (including workshops)	12 months
Control room	1 month
Transmission	1 month
Mains department	10 months
Testing department	3 months
Sales and consumers' department ...	3 months
Administration, or engineering manufacturer	6 months

Adjustments to the content of these courses and the times spent in each section may be made in the light of experience to suit the best interests of the trainee and the needs of the industry.

Rates of Pay

The rates of pay during training will be £285 and £300 per annum for the first and second years respectively, with an addition of £25 per annum for trainees in the London Area. These rates may be reviewed in the light of agreements which may be reached later by the appropriate negotiating bodies in the industry.

In addition, travel and subsistence allowances, in accordance with the appropriate scales and regulations of the Boards, will be paid where trainees are required to move from one area to another during training ; but trainees will be expected to make their own arrangements in regard to living accommodation.

Location of Training

As far as practicable, trainees will be posted to areas in accordance with their own wishes, due regard being paid to their normal place of residence, but no guarantees can be given that they will be allocated to any particular station, transmission section, or distribu-

tion sub-area. Development of electricity supply is proceeding throughout the whole or the country ; and accordingly there will be facilities for training in the whole area of the Authority and Area Boards, comprising England and Wales and the South of Scotland. Both the circumstances of the trainee and the facilities available will be taken into consideration when selecting the place of training.

Ex-service Men and Men with Previous Practical Experience

Ex-service men of more mature age who have had practical engineering experience while serving with H.M. Forces, or prior to call-up, will receive special consideration with a view to having shortened courses.

Other applicants, who have served apprenticeships prior to graduation or have been graduate trainees with engineering manufacturers, may also be accepted for courses of shorter duration.

Method of Making Application

Applicants desirous of being trained in accordance with Courses A or B should complete the attached form of application and forward it to the Education and Training Department, British Electricity House, Great Portland Street, London, W.1. Applicants for Course C may forward their applications to the same address or direct to the Secretary of the appropriate Area Board. The addresses are given overleaf.

Applicants who are deemed to satisfy the above conditions will be called for interview, at which fuller details of the training courses will be supplied.

Third-class return railway fare, and reasonable expenses, in accordance with the scales of the Authority, will be paid to applicants called for interview.

General

Trainees will be subject to and will be expected to make themselves familiar with the rules and regulations applicable to the department in which they are working. Failure to comply with these, or to carry out the duties with reasonable diligence and efficiency, may lead to the termination of their training.

Although permanent employment at the conclusion of the training period is not guaranteed, every effort will be made to fill suitable vacancies on the technical staff from trainees who have successfully completed their course.

*Education and Training Department,
British Electricity House,
Great Portland Street,
London, W.1*

*October, 1948
E.D.1000*

AREA ELECTRICITY BOARDS

LONDON	London Electricity Board, 46-47 New Broad Street, London, E.C.2
SOUTH EASTERN	South Eastern Electricity Board, 10 Queen's Gardens, Hove 3
SOUTHERN	Southern Electricity Board, Southern Electricity House, Maidenhead, Berks
SOUTH WESTERN	South Western Electricity Board, Electricity House, Colston Avenue, Bristol 1
EASTERN	Eastern Electricity Board, Finborough, Stowmarket, Suffolk
EAST MIDLANDS	East Midlands Electricity Board, Mapperley Hall, Nottingham
MIDLANDS	Midlands Electricity Board, Mucklow Hill, Halesowen, nr. Birmingham
SOUTH WALES	South Wales Electricity Board, St. Mellons, Cardiff
MERSEYSIDE AND NORTH WALES	Merseyside and North Wales Electricity Board, Electricity House, Love Lane, Pall Mall, Liverpool 3
YORKSHIRE	Yorkshire Electricity Board, Wetherby Road, Scarcroft, Thorner, Leeds
NORTH EASTERN	North Eastern Electricity Board, Carloli House, Newcastle-upon-Tyne 1
NORTH WESTERN	North Western Electricity Board, Danlee Buildings, 53 Spring Gardens, Manchester
SOUTH EAST SCOTLAND	South East Scotland Electricity Board, 53 Melville Street, Edinburgh 3
SOUTH WEST SCOTLAND	South West Scotland Electricity Board, 62 Dalziel Drive, Glasgow, S.1