**Eligibility Criteria for Certified Energy Managers and Certified Energy Auditors**

**For Certified Energy Managers (CEM) Exam:**

1. a graduate Engineer (Bachelor of Engineering/Bachelor of Technology) or equivalent with three years of work experience involving use of energy in operation, maintenance, planning, etc.; or

2. a post-graduate Engineer (Master of Engineering/Master of Technology) or equivalent with two years of work experience involving use of energy in operation, maintenance, planning, etc.; or

3. a graduate Engineer with post-graduate degree in Management or equivalent with two years of work experience involving use of energy in operation, maintenance, planning, etc.; or

4. a diploma Engineer or equivalent with six years of work experience involving use of energy in operation, maintenance, planning, etc.; or

5. a post-graduate in Physics or Electronics or Chemistry (with Physics and Mathematics at graduation level) with three years of work experience involving use of energy in operation, maintenance, planning, etc.

**For Certified Energy Auditors (CEA) Exam:**

1. a graduate Engineer (Bachelor of Engineering/Bachelor of Technology) or equivalent with three years of work experience involving use of energy in operation, maintenance, planning, etc.; or

2. a post-graduate Engineer (Master of Engineering/Master of Technology) or equivalent with two years of work experience involving use of energy in operation, maintenance, planning, etc.; or

3. a graduate Engineer with post-graduate degree in Management or equivalent with two years of work experience involving use of energy in operation, maintenance, planning, etc.

Candidates should have acquired the requisite number of years of work experience as on the closing date of the application. Candidates will be registered and guidebooks will be sent only on receipt of Experience Certificate. Candidates without requisite work experience are not eligible to register for the examination.

**Examination Papers and Scheme**

1. The examination Papers for Energy Managers and Energy Auditors are given below:

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| --- | --- | --- | --- |
| Paper No | Name of the Paper | Duration | Max Marks |
| I. | General Aspects of Energy Management & Energy Audit | 3 Hrs | 150 |
| II | Energy Efficiency in Thermal Utilities | 3 Hrs. | 150 |
| III | Energy Efficiency in Electrical Utilities | 3 Hrs. | 150 |
| IV | Energy Performance Assessment for Equipment and Utility Systems (Open Book Examination)**\*\*** | 2 Hrs. | 100 |

b) The candidate appearing for Energy Manager Examination has to pass THREE papers, viz., Paper-I, Paper-II and Paper-III and obtain a minimum of 50% of the maximum marks in each paper.

c) The candidate appearing for Energy Auditor Examination has to pass all the above FOUR papers viz., Paper-I, Paper-II, Paper-III & Paper-IV and obtain a minimum of 50% of the maximum marks in each paper.

d) Question Papers for Energy Manager and Energy Auditor are common for the first three papers viz. Paper-I, Paper-II and Paper-III. Energy Auditor candidate passing the above three papers shall be eligible for award of Energy Manager Certification.

e) The degree of difficulty in Paper-IV will be comparatively much higher than other papers.

f) Medium of examination is English.

g) Paper-I, Paper-II and Paper-III shall consist of objective and descriptive type questions.

h) The Paper-IV for Energy Auditors will be an open book examination and shall consist of descriptive and numerical questions.

\*\* The candidates can refer only the guide books supplied at the time of their registration, during the paper IV examination. No other reference books and written material will be allowed.

**Minimum Marks for Award of Certificates**

a) For Certification of Energy Managers: 50% of the maximum marks in each paper in Paper-I, Paper-II and Paper-III

b) For Certification of Energy Auditors: 50% of the maximum marks in each paper in Paper-I, Paper-II, Paper-III & Paper-IV.

**Fee Structure**

FOR NEW CANDIDATES

(a) Application Fee:

1. for general candidates Rs. 500/-
2. for candidates belonging to the Scheduled Rs. 250/- Castes or the Scheduled Tribes
3. for candidates belonging to Other Rs. 250/- Backward Classes having annual income of less than Rs.4.5 lakhs per annum

(b) Certification fee including Examination fee:

 (i) for general candidates Rs. 10,000/-

 (ii) for candidates belonging to the Scheduled Rs. 5,000/- Castes or the Scheduled Tribes

 (iii) for candidates belonging to Other Rs. 5,000/- Backward Classes having annual income of less than Rs.4.5 lakhs per annum

1. for company sponsored candidates Rs. 20,000/-

FOR SUPPLEMENTARY CANDIDATES Application Fee: Nil

Examination Fee

1. for general candidates Rs. 1500/- per paper
2. (ii) for candidates belonging to the Scheduled Rs. 750/- per paper Castes or the Scheduled Tribes
3. for candidates belonging to Other Rs. 750/- per paper Backward Classes having annual income of less than Rs.4.5 lakhs per annum

FOR UP GRADATION FROM ENERGY MANAGER TO ENERGY AUDITOR Up gradation Fee:

1. for general candidates Rs. 1500/-
2. for candidates belonging to the Scheduled Rs. 750/- Castes or the Scheduled Tribes (iii) for candidates belonging to Other Rs. 750/- Backward Classes having annual income of less than Rs.4.5 lakhs per annum Note: Those Candidates claiming fee concession have to submit copies of necessary supporting documents.