

The Energy Conservation Act, 2001¹ (Energy Conservation Act, 2001)

*[Act 52 of 2001 as amended up to Act 19 of 2022 and updated as of 31st May 2024]
[29th September, 2001]*

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THE SCHEDULE

Energy Conservation Act, 2001

[Act 52 of 2001]

[29th September,
2001]

An Act to provide for efficient use of energy and its conservation and for matters connected therewith or incidental thereto

Be it enacted by Parliament in the Fifty-second Year of the Republic of India as follows:—

Statement of Objects and Reasons of Amendment Act 28 of 2010.—The Energy Conservation Act, 2001, was enacted, in March, 2002, to provide for efficient use of energy and its conservation and for the matters connected therewith or incidental thereto. The said Act provides for statutory measures to establish statutory authority by the name of Bureau of Energy Efficiency (Bureau) and confer upon the Central Government, State Government and the Bureau certain powers to enforce the said measures for efficient use of energy and its conservation.

2. The Energy Conservation Act, 2001 (the Act) provides for the legal framework and institutional arrangements for embarking on an energy efficiency drive, which, inter alia, includes to (a) establish the Bureau by merging existing Energy Management Centre to effectively coordinate with designated consumers and agencies for performing such functions and exercise such powers which may be necessary for efficient use of energy and its conservation; (b) confer power upon the Central Government to specify norms for processes and energy consumption standards, etc., to enforce efficient use of energy and its conservation; (c) confer power upon the State Governments for enforcing the provisions of the Act; (d) establish a Fund called the Energy Conservation Fund separately by the Central Government and State Governments; (e) impose penalties in case of contravention of the provisions of the Act; and (f) prescribe the procedure for adjudication of the penalties and appeal to the Supreme Court.

3. The efficient use of energy and its conservation has been engaging the attention of the Central Government for quite some time. As a measure to provide for efficient use of energy and its conservation, the Energy Conservation Act, 2001, was enacted and the Bureau of Energy Efficiency under the said Act has been taking measures for conservation of energy. The said Act was enacted as an enabling in nature so as to provide for more measures from a future date after infrastructure and institutional mechanism are set in place. Now, the infrastructure and institutional mechanism are in place and the Bureau of Energy Efficiency has started discharging its functions for taking measures for conservation of energy. A need has been felt to make more provisions in the aforesaid Act to undertake effective measures for conservation of energy which, inter alia, include the following, namely—

(i) confer power upon the Bureau of Energy Efficiency to appoint its officers

and employees instead of by the Central Government being done at present;

- (ii) power to give accreditation to energy auditors as well as energy audit firms who are in the business of energy auditing;
- (iii) certification procedure for energy managers and energy auditors under the Act;
- (iv) conduct of national examination by the Bureau of Energy Efficiency for capacity building and strengthening of services in the field of energy conservation;
- (v) empower the Central Government to issue energy savings certificate to the designated consumers whose energy consumption is less than the prescribed norms and enable the designated consumers whose energy consumption is more than the prescribed norms to purchase the energy savings certificate to comply with the norms;
- (vi) levy of additional penalty for failure to comply with the provisions of clause (n) of Section 14 which shall not be less than the price of every metric ton of oil equivalent of energy, prescribed under the Act, that is in excess of the prescribed norms;
- (vii) provide for the Appellate Tribunal established under the Electricity Act, 2003, as also the Appellate Tribunal to hear appeals against the orders of the adjudicating officers, or the Central Government or the State Government or any other authority under the provisions of the Act.

4. The Bill seeks to achieve the above objects.

Chapter I PRELIMINARY

1. Short title, extent and commencement.—(1) This Act may be called the Energy Conservation Act, 2001.

(2) It extends to the whole of India ²[* * *].

(3) It shall come into force on such date as the Central Government may, by notification in the Official Gazette, appoint; and different dates may be appointed for different provisions of this Act and any reference in any such provision to the commencement of this Act shall be construed as a reference to the coming into force of that provision.

"Section 1 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

2. Definitions.—In this Act, unless the context otherwise requires,—

(a) "accredited energy auditor" means ³[an energy auditor accredited in accordance with the provisions of] clause (p) of sub-section (2) of Section 13;

(b) "Appellate Tribunal" means the Appellate Tribunal for Energy Conservation ⁴[referred to in Section 30];

- ⁵[(c) "building" means any structure or erection or part of structure or erection—
- (i) constructed after the rules relating to energy conservation and sustainable building codes have been notified by the Central Government under clause (p) of Section 14 and by the State Government under clause (a) of Section 15;
 - (ii) which has a minimum connected load of 100 Kilowatt (kW) or contract demand of 120 Kilovolt Ampere (kVA); and
 - (iii) which is used or intended to be used for commercial purpose or as an office building or for residential purpose:
Provided that the State Government may specify a lower connected load or contract demand than the load or demand specified above;]
- (d) "Bureau" means the Bureau of Energy Efficiency established under sub-section (1) of Section 3;
- ⁶[(da) "carbon credit certificate" means the certificate issued by the Central Government or any agency authorised by it under Section 14-AA;]
- ⁷[(db) "carbon credit trading scheme" means the scheme for reduction of carbon emissions notified by the Central Government under clause (w) of Section 14;]
- (e) "Chairperson" means the Chairperson of the Governing Council;
- (f) "designated agency" means any agency designated under clause (d) of Section 15;
- (g) "designated consumer" means any consumer specified under clause (e) of Section 14;
- ⁸[(h) "energy" means any form of energy derived from fossil fuels or non-fossil sources or renewable sources;]
- (i) "energy audit" means the verification, monitoring and analysis of use of energy including submission of technical report containing recommendations for improving energy efficiency with cost benefit analysis and an action plan to reduce energy consumption;
- ⁹[(ia) "energy auditor" means any individual possessing the qualifications prescribed under clause (m) of Section 14;]
- ¹⁰[(j) "energy conservation and sustainable building code" means the code which provides norms and standards for energy efficiency and its conservation, use of renewable energy and other green building requirements for a building;]
- (k) "energy consumption standards" means the norms for process and energy consumption standards specified under clause (a) of Section 14;
- (l) "Energy Management Centre" means the Energy Management Centre set up under the Resolution of the Government of India in the erstwhile

Ministry of Energy, Department of Power No. 7(2)/87- EP (Vol. IV), dated the 5th July, 1989 and registered under the Societies Registration Act, 1860 (21 of 1860);

(m) "energy manager" means any individual possessing the qualifications prescribed under clause (m) of Section 14;

¹¹[(ma) "energy savings certificate" means any energy savings certificate issued to the designated consumers under sub-section (1) of Section 14 -A;

(maa) "equipment or appliance" means any equipment or appliance which consumes, generates, transmits or supplies energy and includes any device that consumes any form of energy and produces a desired work;]

(n) "Governing Council" means the Governing Council referred to in Section 4;

(o) "member" means the member of the Governing Council and includes the Chairperson;

(p) "notification" means a notification in the Gazette of India or, as the case may be, the Official Gazette of a State;

(q) "prescribed" means prescribed by rules made under this Act;

¹²[(qa) "registered entity" means any entity, including designated consumers, registered for carbon credit trading scheme specified under clause (w) of Section 14;]

(r) "regulations" means regulations made by the Bureau under this Act;

(s) "Schedule" means the Schedule to this Act;

(t) "State Commission" means the State Electricity Regulatory Commission established under sub-section (1) of Section 17 of the Electricity Regulatory Commissions Act, 1998 (14 of 1998);

¹³[(ta) "vehicle" shall have the same meaning as assigned to it in clause (28) of Section 2 of the Motor Vehicles Act, 1988;]

¹⁴[(tb) "vessel" includes every description of water craft used or capable of being used in inland waters or in coastal waters, including any ship, boat, sailing vessel, tug, barge or other description of vessel including non-displacement craft, amphibious craft, wing-in-ground craft, ferry, roll-on-roll-off vessel, container vessel, tanker vessel, gas carrier or floating unit or dumb vessel used for transportation, storage or accommodation within or through inland waters and coastal waters;]

(u) words and expressions used and not defined in this Act but defined in the Indian Electricity Act, 1910 (9 of 1910) or the Electricity (Supply) Act, 1948 (54 of 1948) or the Electricity Regulatory Commissions Act, 1998 (14 of 1998) shall have the meanings respectively assigned to them in those Acts.

"Section 2 enforced w.e.f. 1-3-2002, vide Noti. No. S.O. 268(E), dt. 1-3-2002."

Chapter II BUREAU OF ENERGY EFFICIENCY

3. Establishment and incorporation of Bureau of Energy Efficiency.—(1) With effect from such date as the Central Government may, by notification, appoint, there shall be established, for the purposes of this Act, a Bureau to be called the Bureau of Energy Efficiency.

(2) The Bureau shall be a body corporate by the name aforesaid having perpetual succession and a common seal, with power subject to the provisions of this Act, to acquire, hold and dispose of property, both movable and immovable, and to contract, and shall, by the said name, sue or be sued.

(3) The head office of the Bureau shall be at Delhi.

(4) The Bureau may establish offices at other places in India.

"Section 3 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

NOTIFICATION

Ministry of Power, Noti. No. S.O. 269(E), dated March 1, 2002, published in the Gazette of India, Extra., Part II, Section 3(ii), dated 1st March, 2002, p. 1, No. 230

In exercise of the powers conferred by sub-section (1) of Section 3 of the Energy Conservation Act, 2001 (52 of 2001), the Central Government hereby establishes the Bureau of Energy Efficiency with effect from the 1st day of March, 2002.

4. Management of Bureau.—(1) The general superintendence, direction and management of the affairs of the Bureau shall vest in the Governing Council which shall consist of not less than ¹⁵[thirty-one, but not exceeding thirty-seven], members to be appointed by the Central Government.

(2) The Governing Council shall consist of the following members, namely:—

- (a) the Minister in charge of the Ministry or Department of ex officio
the Central Government dealing with the Power Chairperson;
- (b) the Secretary to the Government of India, in charge of ex officio
the Ministry or Department of the Central Government member;
dealing with the Power
- (c) the Secretary to the Government of India, in charge of ex officio
the Ministry or Department of the Central Government member;
dealing with the Petroleum and Natural Gas
- (d) the Secretary to the Government of India, in charge of ex officio
the Ministry or Department of the Central Government member;
dealing with the Coal
- (e) the Secretary to the Government of India, in charge of ex officio
the Ministry or Department of the Central Government member;
dealing with the Non-Conventional Energy Sources
- (f) the Secretary to the Government of India, in charge of ex officio

- the Ministry or Department of the Central Government member;
dealing with the Atomic Energy
- (g) the Secretary to the Government of India, in charge of ex officio
the Ministry or Department of the Central Government member;
dealing with the Consumer Affairs
- [16](#)[(ga) the Secretary to the Government of India, in charge of ex officio
the Ministry or Department of the Central Government member;]
dealing with the Environment, Forest and Climate
Change
- [17](#)[(gb) the Secretary to the Government of India, in charge of ex officio
the Ministry or Department of the Central Government member;]
dealing with the Housing and Urban Affairs
- [18](#)[(gc) the Secretary to the Government of India, in charge of ex officio
the Ministry or Department of the Central Government member;]
dealing with the Road Transport and Highways
- [19](#)[(gd) the Secretary to the Government of India, in charge of ex officio
the Ministry or Department of the Central Government member;]
dealing with the Steel
- [20](#)[(ge) the Secretary to the Government of India, in charge of ex officio
the Ministry or Department of the Central Government member;]
dealing with the Civil Aviation
- [21](#)[(gf) the Secretary to the Government of India, in charge of ex officio
the Ministry or Department of the Central Government member;]
dealing with the Ports, Shipping and Waterways
- [22](#)[(gg) Member of the Railway Board (in charge of Energy), ex officio
Ministry of Railways member;]
- (h) Chairman of the Central Electricity Authority ex officio
established under the Electricity (Supply) Act, 1948 member;
(54 of 1948)
- (i) Director-General of the Central Power Research ex officio
Institute registered under the Karnataka Societies Act, member;
1960 (Karnataka Act, 17 of 1960)
- (j) Executive Director of the Petroleum Conservation ex officio
Research Association, a society registered under the member;
Societies Registration Act, 1860 (21 of 1860)
- (k) Chairman-cum-Managing Director of the Central Mine ex officio
Planning and Design Institute Limited, a company member;
incorporated under the Companies Act, 1956 (1 of
1956)
- (l) Director-General of the Bureau of Indian Standards ex officio
established under the Bureau of Indian Standards Act, member;
1986 (63 of 1986)
- (m) Director-General of the National Test House, ex officio

- Department of Supply, Ministry of Commerce and member;
Industry, Kolkata
- ²³ [(ma) Director-General of the National Productivity Council, ex officio
Department for Promotion of Industry and Internal member;]
Trade, Ministry of Commerce and Industry
- (n) Managing Director of the Indian Renewable Energy ex officio
Development Agency Limited, a company incorporated member;
under the Companies Act, 1956 (1 of 1956)
- ²⁴ [(o) one official each from the energy or power department members;]
of the five States from the five power regions, not
below the rank of Principal Secretary to the State
Government, to be appointed by the Central
Government
- ²⁵ [(p) such number of persons, not exceeding seven, as may members;]
be prescribed, to be appointed by the Central
Government as members, from amongst persons who,
in the opinion of the Central Government, are experts
or capable of representing industry, equipment and
appliance manufacturers, architects, institutes and
consumers
- (q) such number of persons, not exceeding two as may be members;
nominated by the Governing Council as members
- (r) Director-General of Bureau ex officio
member-
Secretary.

(3) The Governing Council may exercise all powers and do all acts and things which may be exercised or done by the Bureau.

(4) Every member referred to in clauses (o), (p) and (q) of sub-section (2) shall hold office for a term of three years from the date on which he enters upon his office.

(5) The fee and allowances to be paid to the members referred to in clauses (o), (p) and (q) of sub-section (2) and the manner of filling up of vacancies and the procedure to be followed in the discharge of their functions shall be such as may be prescribed.

"Section 4 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

5. Meetings of Governing Council.—(1) The Governing Council shall meet at such times and places, and shall observe such rules of procedure in regard to the transaction of business at its meetings (including quorum at such meetings) as may be provided by regulations.

(2) The Chairperson or, if for any reason, he is unable to attend a meeting of the Governing Council, any other member chosen by the members present from amongst themselves at the meeting shall preside at the meeting.

(3) All questions which come up before any meeting of the Governing Council shall be decided by a majority vote of the members present and voting, and in the event of an equality of votes, the Chairperson or in his absence, the person presiding, shall have a second or casting vote.

"Section 5 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

6. Vacancies, etc. not to invalidate proceedings of Bureau, Governing Council or Committee.—No act or proceeding of the Bureau or the Governing Council or any Committee shall be invalid merely by reason of—

- (a) any vacancy in, or any defect in the constitution of, the Bureau or the Governing Council or the Committee; or
- (b) any defect in the appointment of a person acting as a Director-General or Secretary of the Bureau or a member of the Governing Council or the Committee; or
- (c) any irregularity in the procedure of the Bureau or the Governing Council or the Committee not affecting the merits of the case.

"Section 6 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

7. Removal of member from office.—The Central Government shall remove a member referred to in clauses (o), (p) and (q) of sub-section (2) of Section 4 from office if he—

- (a) is, or at any time has been, adjudicated as insolvent;
- (b) is of unsound mind and stands so declared by a competent court;
- (c) has been convicted of an offence which, in the opinion of the Central Government, involves a moral turpitude;
- (d) has, in the opinion of the Central Government, so abused his position as to render his continuation in office detrimental to the public interest:

Provided that no member shall be removed under this clause unless he has been given a reasonable opportunity of being heard in the matter.

"Section 7 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

8. Constitution of Advisory Committees and other committees.—(1) Subject to any regulations made in this behalf, the Bureau shall, within six months from the date of commencement of this Act, constitute Advisory Committees for the efficient discharge of its functions.

(2) Each Advisory Committee shall consist of a Chairperson and such other members as may be determined by regulations.

(3) Without prejudice to the powers contained in sub-section (1), the Bureau may constitute, such number of technical committees of experts for the formulation of energy consumption standards or norms in respect of equipment or processes, as it considers necessary.

"Section 8 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-

2002."

9. Director-General of Bureau.—(1) The Central Government shall, by notification, appoint a Director-General from amongst persons of ability and standing, having adequate knowledge and experience in dealing with the matters relating to energy production, supply and energy management, standardisation and efficient use of energy and its conservation.

(2) The Central Government shall, by notification, appoint any person not below the rank of Deputy Secretary to the Government of India as Secretary of the Bureau.

(3) The Director-General shall hold office for a term of ²⁶[five years] from the date on which he enters upon his office or until he attains the age of sixty years, whichever is earlier.

(4) The salary and allowances payable to the Director-General and other terms and conditions of his service and other terms and conditions of service of the Secretary of the Bureau shall be such as may be prescribed.

(5) Subject to general superintendence, direction and management of the affairs by the Governing Council, the Director-General of the Bureau shall be the Chief Executive Authority of the Bureau.

(6) The Director-General of the Bureau shall exercise and discharge such powers and duties of the Bureau as may be determined by regulations.

"Section 9 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

10. Officers and employees of Bureau.—(1) ²⁷[The Bureau] may appoint such other officers and employees in the Bureau as it considers necessary for the efficient discharge of its functions under this Act.

(2) The terms and conditions of service of officers and other employees of the Bureau appointed under sub-section (1) shall be such as may be prescribed.

"Section 10 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

11. Authentication of orders and decisions of Bureau.—All orders and decisions of the Bureau shall be authenticated by the signature of the Director-General or any other officer of the Bureau authorised by the Director-General in this behalf.

"Section 11 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

Chapter III

TRANSFER OF ASSETS, LIABILITIES, ETC. OF ENERGY MANAGEMENT CENTRE TO BUREAU

12. Transfer of assets, liabilities and employees of Energy Management Centre.—(1) On and from the date of establishment of the Bureau—

(a) any reference to the Energy Management Centre in any law other than this Act or in any contract or other instrument shall be deemed as a

reference to the Bureau;

- (b) all properties and assets, movable and immovable of, or belonging to, the Energy Management Centre shall vest in the Bureau;
- (c) all the rights and liabilities of the Energy Management Centre shall be transferred to, and be the rights and liabilities of, the Bureau;
- (d) without prejudice to the provisions of clause (c), all debts, obligations and liabilities incurred, all contracts entered into and all matters and things engaged to be done by, with or for the Energy Management Centre immediately before that date, for or in connection with the purposes of the said Centre shall be deemed to have been incurred, entered into, or engaged to be done by, with or for, the Bureau;
- (e) all sums of money due to the Energy Management Centre immediately before that date shall be deemed to be due to the Bureau;
- (f) all suits and other legal proceedings instituted or which could have been instituted by or against the Energy Management Centre immediately before that date may be continued or may be instituted by or against the Bureau; and
- (g) every employee holding any office under the Energy Management Centre immediately before that date shall hold his office in the Bureau by the same tenure and upon the same terms and conditions of service as respects remuneration, leave, provident fund, retirement or other terminal benefits as he would have held such office if the Bureau had not been established and shall continue to do so as an employee of the Bureau or until the expiry of six months from that date if such employee opts not to be the employee of the Bureau within such period.

(2) Notwithstanding anything contained in the Industrial Disputes Act, 1947 (14 of 1947) or in any other law for the time being in force, the absorption of any employee by the Bureau in its regular service under this section shall not entitle such employee to any compensation under that Act or other law and no such claim shall be entertained by any court, tribunal or other authority.

"Section 12 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

Chapter IV

POWERS AND FUNCTIONS OF BUREAU

13. Powers and functions of Bureau.—(1) The Bureau shall, effectively co-ordinate with designated consumers, designated agencies and other agencies, recognise and utilise the existing resources and infrastructure, in performing the functions assigned to it by or under this Act.

(2) The Bureau may perform such functions and exercise such powers as may be assigned to it by or under this Act and in particular, such functions and powers include the function and power to—

- (a) recommend to the Central Government the norms for processes and energy consumption standards required to be notified under clause (a)

of Section 14 ²⁸[and other standards required to be prescribed under other provisions of this Act];

- ²⁹[(aa) recommend to the Central Government for issuing of the energy savings certificate under Section 14-A;]
- (b) recommend to the Central Government the particulars required to be displayed on label on equipment or on appliances and manner of their display under clause (d) of Section 14;
 - (c) recommend to the Central Government for notifying any user or class of users of energy as a designated consumer under clause (e) of Section 14;
 - (d) take suitable steps to prescribe guidelines for ³⁰[energy conservation and sustainable building codes] under clause (p) of Section 14;
 - (e) take all measures necessary to create awareness and disseminate information for efficient use of energy and its conservation;
 - (f) arrange and organise training of personnel and specialists in the techniques for efficient use of energy and its conservation;
 - (g) strengthen consultancy services in the field of energy conservation;
 - (h) promote ³¹[or undertake] research and development in the field of energy conservation;
 - (i) develop testing and certification procedure and promote testing facilities for certification and testing for energy consumption of equipment and appliances;
 - (j) formulate and facilitate implementation of pilot projects and demonstration projects for promotion of efficient use of energy and its conservation;
 - (k) promote use of energy efficient processes, equipment, devices and systems;
 - (l) promote innovative financing of energy efficiency projects;
 - (m) give financial assistance to institutions for promoting efficient use of energy and its conservation;
 - (n) levy fee, as may be determined by regulations, for services provided for promoting efficient use of energy and its conservation;
 - (o) maintain a list of accredited energy auditors as may be specified by regulations;
- ³²[(p) specify, by regulations, the qualifications, criteria and conditions subject to which a person may be accredited as an energy auditor and the procedure for such accreditation;]
- (q) specify, by regulations, the manner and intervals of time in which the energy audit shall be conducted;
 - (r) specify, by regulations, certification procedures for ³³[energy auditors and energy managers] to be designated or appointed by designated

consumers;

(s) prepare educational curriculum on efficient use of energy and its conservation for educational institutions, boards, universities or autonomous bodies and coordinate with them for inclusion of such curriculum in their syllabus;

³⁴[(sa) conduct examination for capacity building and strengthening of services in the field of energy conservation including certification of energy managers and energy auditors.]

(t) implement international co-operation programmes relating to efficient use of energy and its conservation as may be assigned to it by the Central Government;

³⁵[(ta) collaborate with any international institution or organisation or to obtain membership of bodies having similar objectives as that of the Bureau, in consultation with the Central Government;]

³⁶[(tb) authorise any agency in the country or outside the country to carry out any of the functions of the Bureau, for such purposes, and subject to such terms and conditions, as may be specified by regulations;]

³⁷[(tc) undertake, or authorise any other body which meets with such technical qualifications, as may be specified by regulations, to test samples for purposes other than those specified in Section 14;]

³⁸[(td) empanel technical experts to promote energy efficiency and carbon credit trading activities undertaken to meet the objectives of the Act;]

³⁹[(te) recommend to the Central Government on the requirements to be specified in the carbon credit trading scheme to be notified under clause (w) of Section 14;]

⁴⁰[(tf) recommend minimum share of consumption of non-fossil sources by designated consumers as energy or feedstock;]

(u) perform such other functions as may be prescribed.

"Section 13 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

⁴¹[13-A. Prohibition of use of deceptive name, etc.—(1) No person shall, without previous permission of the Bureau, use any name which so nearly resembles the name of the Bureau as to deceive or likely to deceive the public.

(2) Notwithstanding anything contained in any other law for the time being in force, no registering authority shall register any company, firm or other body of persons which bears any name or mark resembling the name of the Bureau.]

Chapter V

POWER OF CENTRAL GOVERNMENT TO FACILITATE AND ENFORCE EFFICIENT USE OF ENERGY AND ITS CONSERVATION

14. Power of Central Government to enforce efficient use of energy and its

conservation.—The Central Government may, by notification, in consultation with the Bureau,—

(a) specify the norms for processes and energy consumption standards for any equipment, ⁴²[appliance, vehicle, vessel, industrial unit, building or establishment] which consumes, generates, transmits or supplies energy;

(b) specify equipment or appliance or class of equipments or appliances, ⁴³[or vehicle, vessel, industrial unit, building or establishment] as the case may be, for the purposes of this Act;

⁴⁴[(c) prohibit manufacture or import of any equipment or appliance or vehicle or vessel specified under clause (b), unless it conforms to energy consumption standards specified under clause (a):

Provided that an industrial unit specified under clause (b) shall close its operations unless it conforms to the norms for processes or energy consumption standards specified under clause (a):

Provided further that from the date of notification of norms for processes and energy consumption standards under clause (a), no notification prohibiting such manufacture or import shall be issued—

(i) within a period of six months in the case of equipment or appliance or vehicle or vessel; and

(ii) within a period of two years for closure of industrial unit:

Provided also that the Central Government may, having regard to the market share and the technological development having impact on equipment or appliance or vehicle or vessel, and for reasons to be recorded in writing, extend the said period of six months referred to above, by a further period not exceeding six months;]

(d) direct display of such particulars on label on equipment or on appliance specified under clause (b) and in such manner as may be specified by regulations;

(e) specify, having regard to the intensity or quantity of energy consumed and the amount of investment required for switching over to energy efficient equipments and capacity of industry to invest in it and availability of the energy efficient machinery and equipment required by the industry, ⁴⁵[any user or class of users of energy in the energy intensive industries and other establishments as specified in the Schedule as a designated consumer] for the purposes of this Act;

(f) alter the list of Energy Intensive Industries ⁴⁶[and other establishments] specified in the Schedule;

(g) establish and prescribe such energy consumption norms and standards for designated consumers as it may consider necessary:

Provided that the Central Government may prescribe different norms and standards for different designated consumers having regard to such

factors as may be prescribed;

- (h) direct, having regard to quantity of energy consumed or the norms and standards of energy consumption specified under clause (a), the Energy Intensive Industries ⁴⁷[and other establishments] specified in the Schedule to get energy audit conducted by an accredited energy auditor in such manner and intervals of time as may be specified by regulations;
- (i) direct, if considered necessary for efficient use of energy and its conservation, any designated consumer to get energy audit conducted by an accredited energy auditor;
- (j) specify the matters to be included for the purposes of inspection under sub-section (2) of Section 17;
- (k) direct any designated consumer to furnish to the designated agency, in such form and manner and within such period, as may be prescribed, the information with regard to the energy consumed and action taken on the recommendation of the accredited energy auditor;
- (l) direct any designated consumer to designate or appoint ⁴⁸[energy auditor or energy manager] in charge of activities for efficient use of energy and its conservation and submit a report, in the form and manner as may be prescribed, on the status of energy consumption at the end of every financial year to the designated agency;
- (m) prescribe minimum qualification for ⁴⁹[energy auditors and energy managers] to be designated or appointed under clause (l);
- (n) direct every designated consumer to comply with energy consumption norms and standards;
- (o) direct any designated consumer, who does not fulfil the energy consumption norms and standards prescribed under clause (g), to prepare a scheme for efficient use of energy and its conservation and implement such scheme keeping in view the economic viability of the investment in ⁵⁰[such form, the time within which and the manner] as may be prescribed;
- (p) prescribe ⁵¹[energy conservation and sustainable building codes] for efficient use of energy and its conservation in the building or building complex;
- (q) amend the ⁵²[energy conservation and sustainable building codes] to suit the regional and local climatic conditions;
- (r) direct every owner or occupier of the building or building complex, being a designated consumer to comply with the provisions of ⁵³[energy conservation and sustainable building codes] for efficient use of energy and its conservation;
- (s) direct, any designated consumer referred to in clause (r), if considered

necessary, for efficient use of energy and its conservation in his building to get energy audit conducted in respect of such building by an accredited energy auditor in such manner and intervals of time as may be specified by regulations;

- (t) take all measures necessary to create awareness and disseminate information for efficient use of energy and its conservation;
- (u) arrange and organise training of personnel and specialists in the techniques for efficient use of energy and its conservation;
- (v) take steps to encourage preferential treatment for use of energy efficient equipment or appliances;

⁵⁴[(w) specify the carbon credit trading scheme;]

⁵⁵[(x) specify minimum share of consumption of non-fossil sources by designated consumers as energy or feedstock, provided different share of consumption may be specified for different types of non-fossil sources for different designated consumers:]

Provided that the powers under clauses (p) to (s) shall be exercised in consultation with the concerned State.

"Section 14 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

NOTIFICATIONS

Ministry of Power, Noti. No. S.O. 1861(E), dated July 27, 2010, published in the Gazette of India, Extra., Part II, Section 3(ii), dated 30th July, 2010, p. 1, No. 1555

In exercise of the powers conferred by clause (i) of Section 14 of the Energy Conservation Act, 2001 (52 of 2001), the Central Government, in consultation with the Bureau of Energy Efficiency, hereby provides that the matters specified in clauses (c), (d), (h), (i), (k), (n), (r) and (s) of Section 14 referred to in Section 26 of the said Act shall also be the subject-matter of inspection under sub-section (2) of Section 17 of the aforesaid Act.

⁵⁶[14-A. ⁵⁷[Issuance of energy savings certificate].—(1) The Central Government ⁵⁸[or any agency authorised by it] may issue the energy savings certificate to the designated consumer whose energy consumption is less than the prescribed norms and standards in accordance with the procedure as may be prescribed.

(2) The designated consumer whose energy consumption is more than the prescribed norms and standards shall be entitled to purchase the energy savings certificate to comply with the prescribed norms and standards:]

⁵⁹[Provided that any other person may also purchase energy saving certificate or carbon credit certificate on voluntary basis.]

⁶⁰[14-AA. Issuance of carbon credit certificate.—(1) The Central Government, or any agency authorised by it may issue carbon credit certificate to the

registered entity which complies with the requirements of the carbon credit trading scheme.

(2) The registered entity shall be entitled to purchase or sell the carbon credit certificate in accordance with carbon credit trading scheme specified under clause (w) of Section 14.

⁶¹[14-B. Power of Central Government to specify value of energy.—The Central Government may, in consultation with the Bureau, prescribe the value of per metric ton of oil equivalent of energy consumed for the purposes of this Act.]

Chapter VI

POWER OF STATE GOVERNMENT TO FACILITATE AND ENFORCE EFFICIENT USE OF ENERGY AND ITS CONSERVATION

15. Power of State Government to enforce certain provisions for efficient use of energy and its conservation.—The State Government may, by notification, in consultation with the Bureau—

- (a) amend the ⁶²[energy conservation and sustainable building codes] to suit the regional and local climatic conditions and may, by rules made by it, specify and notify ⁶³[energy conservation and sustainable building codes] with respect to use of energy in the buildings ⁶⁴[and implement the same through building bye-laws of the State];
- (b) direct every owner or occupier of a building or building complex being a designated consumer to comply with the provisions of the ⁶⁵[energy conservation and sustainable building codes];
- (c) direct, if considered necessary for efficient use of energy and its conservation, any designated consumer referred to in clause (b) to get energy audit conducted by an accredited energy auditor in such manner and at such intervals of time as may be specified by regulations;
- (d) designate any agency as designated agency to coordinate, regulate and enforce provisions of this Act within the State;
- (e) take all measures necessary to create awareness and disseminate information for efficient use of energy and its conservation;
- (f) arrange and organise training of personnel and specialists in the techniques for efficient use of energy and its conservation;
- (g) take steps to encourage preferential treatment for use of energy efficient equipment or appliances;
- (h) direct, any designated consumer to furnish to the designated agency, in such form and manner and within such period as may be specified by rules made by it, information with regard to the energy consumed by such consumer;
- ⁶⁶[(ha) levy such fee as may be prescribed for the services rendered by the designated agency to promote efficient use of energy and its

conservation under this Act;]

(i) specify the matters to be included for the purposes of inspection under sub--section (2) of Section 17.

"Section 15 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

⁶⁷[**15-A. Budget of designated agency.**—The designated agency shall prepare, in such form and at such time in each financial year as may be prescribed, its budget for the next financial year, showing the estimated receipts and expenditure and forward the same to the State Government, which shall include the same in the annual budget.]

⁶⁸[**16. Establishment of Fund by State Government.**—(1) There shall be constituted a Fund for the purposes of promotion of efficient use of energy and its conservation within the State to be called the State Energy Conservation Fund and there shall be credited thereto—

(a) all grants and loans that may be made by the State Government or the Central Government or any other organisation or individual for the purposes of this Act;

(b) all fees received by the State Government or the designated agency under this Act;

(c) all sums received by the State Government or the designated agency from such other sources as may be decided by the State Government.

(2) The Fund shall be utilised for meeting the expenses—

(a) of the designated agency in the discharge of its functions;

(b) for the objects and purposes authorised by or under this Act.

(3) The Fund created under sub-section (1) shall be administered by such person or authority and in such manner as may be prescribed by the rules made by the State Government.]

17. Power of inspection.—(1) The designated agency may appoint, after the expiry of five years from the date of commencement of this Act, as many inspecting officers as may be necessary for the purpose of ensuring compliance with energy consumption standards specified under clause (a) of Section 14 or ensure display of particulars on label on equipment or appliance specified under clause (b) of Section 14 or for the purpose of performing such other functions as may be assigned to them.

(2) Subject to any rules made under this Act, an inspecting officer shall have power to—

(a) inspect any operation carried on or in connection with the equipment or appliance specified under clause (b) of Section 14 or in respect of which energy standards under clause (a) of Section 14 have been specified;

(b) enter any place of designated consumer at which the energy is used for any activity and may require any proprietor, employee, director, manager or secretary or any other person who may be attending in any

manner to or helping in, carrying on any activity with the help of energy—

(i) to afford him necessary facility to inspect—

(A) any equipment or appliance as he may require and which may be available at such place;

(B) any production process to ascertain the energy consumption norms and standards;

(ii) to make an inventory of stock of any equipment or appliance checked or verified by him;

(iii) to record the statement of any person which may be useful for, or relevant to, for efficient use of energy and its conservation under this Act.

(3) An inspecting officer may enter any place of designated consumer—

(a) where any activity with the help of energy is carried on; and

(b) where any equipment or appliance notified under clause (b) of Section 14 has been kept,

during the hours at which such place is open for production or conduct of business connected therewith.

(4) An inspecting officer acting under this section shall, on no account, remove or cause to be removed from the place wherein he has entered, any equipment or appliance or books of account or other documents.

"Section 17 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

18. Power of Central Government or State Government to issue directions.—

The Central Government or the State Government may, in the exercise of its powers and performance of its functions under this Act and for efficient use of energy and its conservation, issue such directions in writing as it deems fit for the purposes of this Act to any person, officer, authority or any designated consumer and such person, officer or authority or any designated consumer shall be bound to comply with such directions.

Explanation.—For the avoidance of doubts, it is hereby declared that the power to issue directions under this section includes the power to direct—

(a) regulation of norms for process and energy consumption standards in any industry or building or building complex; or

(b) regulation of the energy consumption standards for equipment and appliances.

"Section 18 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

Chapter VII

FINANCE, ACCOUNTS AND AUDIT OF BUREAU

19. Grants and loans by Central Government.—The Central Government may, after due appropriation made by Parliament by law in this behalf, make to the

Bureau or to the State Governments grants and loans of such sums of money as the Central Government may consider necessary.

"Section 19 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

20. Establishment of Fund by Central Government.—(1) There shall be constituted a Fund to be called as the Central Energy Conservation Fund and there shall be credited thereto—

- (a) any grants and loans made to the Bureau by the Central Government under Section 19;
 - (b) all fees received by the Bureau under this Act;
 - (c) all sums received by the Bureau from such other sources as may be decided upon by the Central Government.
- (2) The Fund shall be applied for meeting—
- (a) the salary, allowances and other remuneration of Director-General, Secretary, officers and other employees of the Bureau;
 - (b) expenses of the Bureau in the discharge of its functions under Section 13;
 - (c) fee and allowances to be paid to the members of the Governing Council under sub-section (5) of Section 4;
 - (d) expenses on objects and for purposes authorised by this Act.

"Section 20 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

21. Borrowing powers of Bureau.—(1) The Bureau may, with the consent of the Central Government or in accordance with the terms of any general or special authority given to it by the Central Government, borrow money from any source as it may deem fit for discharging all or any of its functions under this Act.

(2) The Central Government may guarantee, in such manner as it thinks fit, the repayment of the principal and the payment of interest thereon with respect to the loans borrowed by the Bureau under sub-section (1).

"Section 21 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

22. Budget.—The Bureau shall prepare, in such form and at such time in each financial year as may be prescribed, its budget for the next financial year, showing the estimated receipts and expenditure of the Bureau and forward the same to the Central Government.

"Section 22 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

23. Annual report.—The Bureau shall prepare, in such form and at such time in each financial year as may be prescribed, its annual report, giving a full account of its activities during the previous financial year, and submit a copy thereof to the Central Government.

"Section 23 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

24. Annual report to be laid before Parliament.—The Central Government shall cause the annual report referred to in Section 23 to be laid, as soon as may be after it is received, before each House of Parliament.

"Section 24 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

25. Accounts and audit.—(1) The Bureau shall maintain proper accounts and other relevant records and prepare an annual statement of accounts in such form as may be prescribed by the Central Government in consultation with the Comptroller and Auditor-General of India.

(2) The accounts of the Bureau shall be audited by the Comptroller and Auditor-General of India at such intervals as may be specified by him and any expenditure incurred in connection with such audit shall be payable by the Bureau to the Comptroller and Auditor-General.

(3) The Comptroller and Auditor-General of India and any other person appointed by him in connection with the audit of the accounts of the Bureau shall have the same rights and privileges and authority in connection with such audit as the Comptroller and Auditor-General generally has in connection with the audit of the Government accounts, and in particular, shall have the right to demand the production of books, accounts, connected vouchers and other documents and papers and to inspect any of the offices of the Bureau.

(4) The accounts of the Bureau as certified by the Comptroller and Auditor-General of India or any other person appointed by him in this behalf together with the audit report thereon shall be forwarded annually to the Central Government and that Government shall cause the same to be laid before each House of Parliament.

"Section 25 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

Chapter VIII

PENALTIES AND ADJUDICATION

⁶⁹[**26. Penalty.**—(1) If any person fails to comply with the provisions of clause (h) or clause (i) or clause (k) or clause (l) of Section 14 or clause (c) or clause (h) of Section 15, he shall be liable to a penalty which shall not exceed ten lakh rupees:

Provided that in the case of continuing failures, the person shall be liable to an additional penalty which may extend to ten thousand rupees for every day during which such failures continue.

(2) Notwithstanding anything contained in this Act or any other Act for the time being in force, if any person fails to comply with the provisions of clauses (c) and (d) of Section 14, he shall in addition to the penalty of ten lakh rupees, be also liable to pay additional penalty which shall not exceed five thousand rupees per appliance or equipment in relation to which the non-compliance has

occurred, but shall not be lower than two thousand rupees:

Provided that where such non-compliance relates to any industrial unit or vessel, he shall also be liable to an additional penalty which shall not exceed twice the price of every metric ton of oil equivalent consumed in excess of the prescribed norms:

Provided further that if the manufacturer of a vehicle fails to comply with the fuel consumption norms, he shall also be liable to pay an additional penalty per unit of vehicles sold in the corresponding year, as follows, namely—

- (i) twenty-five thousand rupees per vehicle for non-compliance of norms up to 0.2 litres per 100 kms;
- (ii) fifty thousand rupees per vehicle for non-compliance of norms above 0.2 litres per 100 kms.

(3) If any person fails to comply with the directions issued under clauses (n) and (x) of Section 14, he shall be liable to a penalty which shall not exceed ten lakh rupees for each such failure:

Provided that he shall also be liable to an additional penalty which shall not exceed twice the price of every metric ton of oil equivalent prescribed under this Act, which is in excess of the prescribed norms.

(4) If a person fails to comply with the provisions of sub-section (1) of Section 13-A or fails to provide any information under Section 52, he shall be liable to a penalty which may extend to fifty thousand rupees on first such non-compliance or failure:

Provided that for every subsequent non-compliance or failure, he shall be liable to pay an additional penalty which shall not exceed ten thousand rupees per day of such non-compliance or failure.

(5) Any amount payable under this section, if not paid, may be recovered as if it were an arrear of land revenue.]

27. Power to adjudicate.—(1) For the purpose of adjudging under Section 26, the State Commission shall appoint any of its members to be an adjudicating officer for holding an inquiry in such manner as may be prescribed by the Central Government, after giving any person concerned a reasonable opportunity of being heard for the purpose of imposing any penalty.

(2) While holding an inquiry, the adjudicating officer shall have power to summon and enforce the attendance of any person acquainted with the facts and circumstances of the case to give evidence or produce any document which in the opinion of the adjudicating officer, may be useful for or relevant to the subject-matter of the inquiry, and if, on such inquiry, he is satisfied that the person has failed to comply with the provisions of any of the clauses of the sections specified in Section 26, he may impose such penalty as he thinks fit in accordance with the provisions of any of those clauses of that section:

Provided that where a State Commission has not been established in a State, the Government of that State shall appoint any of its officer not below the rank equivalent to a Secretary dealing with legal affairs in that State to be an

adjudicating officer for the purposes of this section and such officer shall cease to be an adjudicating officer immediately on the appointment of an adjudicating officer by the State Commission on its establishment in that State:

Provided further that where an adjudicating officer appointed by a State Government ceased to be an adjudicating officer, he shall transfer to the adjudicating officer appointed by the State Commission all matters being adjudicated by him and thereafter the adjudicating officer appointed by the State Commission shall adjudicate the penalties on such matters.

"Section 27 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

⁷⁰[**27-A. Power of State Commission to make regulations.**—(1) The State Commission may, by notification, make regulations for discharging its functions under this Act.

(2) In particular, and without prejudice to the generality of the foregoing power, such regulations may provide for—

- (a) the manner of making application before the State Commission and the fee payable;
- (b) any other matter which is to be, or may be, provided by regulations by the State Commission for the purposes of its function:

Provided that every regulation made by the State Commission under this section shall be laid, as soon as may be after it is made, before each House of the State Legislature where it consists of two Houses, or where such Legislature consists of one House, before that House.]

28. Factors to be taken into account by adjudicating officer.—While adjudicating the quantum of penalty under Section 26, the adjudicating officer shall have due regard to the following factors, namely:—

- (a) the amount of disproportionate gain or unfair advantage, wherever quantifiable, made as a result of the default;
- (b) the repetitive nature of the default.

⁷¹[(c) the loss caused to a consumer and amount of compensation thereof.]

"Section 28 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

29. Civil court not to have jurisdiction.—No civil court shall have jurisdiction to entertain any suit or proceeding in respect of any matter which an adjudicating officer appointed under this Act or the Appellate Tribunal is empowered by or under this Act to determine and no injunction shall be granted by any court or other authority in respect of any action taken or to be taken in pursuance of any power conferred by or under this Act.

"Section 29 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

APPELLATE TRIBUNAL FOR ENERGY CONSERVATION

⁷²[30. **Appellate Tribunal.**—The Appellate Tribunal established under Section 110 of the Electricity Act, 2003 (36 of 2003) shall, without prejudice to the provisions of the Electricity Act, 2003, be the Appellate Tribunal for the purposes of this Act and hear appeals against the orders of the adjudicating officer or the Central Government or the State Government or any other authority under this Act.]

31. **Appeal to Appellate Tribunal.**—(1) Any person aggrieved, by an order made by an adjudicating officer or the Central Government or the State Government or any other authority under this Act, may prefer an appeal to the Appellate Tribunal for Energy Conservation:

Provided that any person, appealing against the order of the adjudicating officer levying any penalty, shall, while filing the appeal, deposit the amount of such penalty:

Provided further that where in any particular case, the Appellate Tribunal is of the opinion that the deposit of such penalty would cause undue hardship to such person, the Appellate Tribunal may dispense with such deposit subject to such conditions as it may deem fit to impose so as to safeguard the realisation of penalty.

(2) Every appeal under sub-section (1) shall be filed within a period of forty-five days from the date on which a copy of the order made by the adjudicating officer or the Central Government or the State Government or any other authority is received by the aggrieved person and it shall be in such form, verified in such manner and be accompanied by such fee as may be prescribed:

Provided that the Appellate Tribunal may entertain an appeal after the expiry of the said period of forty-five days if it is satisfied that there was sufficient cause for not filing it within that period.

(3) On receipt of an appeal under sub-section (1), the Appellate Tribunal may, after giving the parties to the appeal an opportunity of being heard, pass such orders thereon as it thinks fit, confirming, modifying or setting aside the order appealed against.

(4) The Appellate Tribunal shall send a copy of every order made by it to the parties to the appeal and to the concerned adjudicating officer or the Central Government or the State Government or any other authority.

(5) The appeal filed before the Appellate Tribunal under sub-section (1) shall be dealt with by it as expeditiously as possible and endeavour shall be made by it to dispose of the appeal finally within one hundred and eighty days from the date of receipt of the appeal:

Provided that where an appeal could not be disposed of within the said period of one hundred and eighty days, the Appellate Tribunal shall record its reasons in writing for not disposing of the appeal within the said period.

(6) The Appellate Tribunal may, for the purpose of examining the legality, propriety or correctness of any order made by the adjudicating officer or the

Central Government or the State Government or any other authority under this Act, as the case may be, in relation to any proceeding, on its own motion or otherwise, call for the records of such proceedings and make such order in the case as it thinks fit.

"Section 31 enforced w.e.f. 28-6-2012, *vide* Noti. No. S.O. 1433(E), dt. 28-6-2012."

[73](#)[31-A. Procedure and powers of Appellate Tribunal.—The provisions of Sections 120 to 123 (both inclusive) of the Electricity Act, 2003 (36 of 2003) shall, mutatis mutandis, apply to the Appellate Tribunal in the discharge of its functions under this Act as they apply to it in the discharge of its function under the Electricity Act, 2003.]

32. Composition of Appellate Tribunal.—[74](#)[* * *]

33. Qualifications for appointment of Chairperson and Members of Appellate Tribunal.—[75](#)[* * *]

34. Term of office.—[76](#)[* * *]

35. Terms and conditions of service.—[77](#)[* * *]

36. Vacancies.—[78](#)[* * *]

37. Resignation and removal.—[79](#)[* * *]

38. Member to act as Chairperson in certain circumstances.—[80](#)[* * *]

39. Staff of Appellate Tribunal.—[81](#)[* * *]

40. Procedure and powers of Appellate Tribunal.—[82](#)[* * *]

41. Distribution of business amongst Benches.—[83](#)[* * *]

42. Power of Chairperson to transfer cases.—[84](#)[* * *]

43. Decision to be by majority.—[85](#)[* * *]

44. Right of appellant to take assistance of legal practitioner or accredited auditor and of Government to appoint presenting officers.—(1) A person preferring an appeal to the Appellate Tribunal under this Act may either appear in person or take the assistance of a legal practitioner or an accredited energy auditor of his choice to present his case before the Appellate Tribunal, as the case may be.

(2) The Central Government or the State Government may authorise one or more legal practitioners or any of its officers to act as presenting officers and every person so authorised may present the case with respect to any appeal before the Appellate Tribunal, as the case may be.

"Section 44 enforced w.e.f. 28-6-2012, *vide* Noti. No. S.O. 1433(E), dt. 28-6-2012."

45. Appeal to Supreme Court.—Any person aggrieved by any decision or order of the Appellate Tribunal, may, file an appeal to the Supreme Court within sixty days from the date of communication of the decision or order of the

Appellate Tribunal to him, on any one or more of the grounds specified in Section 100 of the Code of Civil Procedure, 1908 (5 of 1908):

Provided that the Supreme Court may, if it is satisfied that the appellant was prevented by sufficient cause from filing the appeal within the said period, allow it to be filed within a further period not exceeding sixty days.

"Section 45 enforced w.e.f. 28-6-2012, *vide* Noti. No. S.O. 1433(E), dt. 28-6-2012."

Chapter X

MISCELLANEOUS

46. Power of Central Government to issue directions to Bureau.—(1) Without prejudice to the foregoing provisions of this Act, the Bureau shall, in exercise of its powers or the performance of its functions under this Act, be bound by such directions on questions of policy as the Central Government may give in writing to it from time to time:

Provided that the Bureau shall, as far as practicable, be given an opportunity to express its views before any direction is given under this sub-section.

(2) The decision of the Central Government, whether a question is one of policy or not, shall be final.

"Section 46 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

47. Power of Central Government to supersede Bureau.—(1) If at any time the Central Government is of opinion—

- (a) that on account of grave emergency, the Bureau is unable to discharge the functions and duties imposed on it by or under the provisions of this Act; or
- (b) that the Bureau has persistently made default in complying with any direction issued by the Central Government under this Act or in discharge of the functions and duties imposed on it by or under the provisions of this Act and as a result of such default, the financial position of the Bureau had deteriorated or the administration of the Bureau had deteriorated; or
- (c) that circumstances exist which render it necessary in the public interest so to do,

the Central Government may, by notification, supersede the Bureau for such period, not exceeding six months, as may be specified in the notification.

(2) Upon the publication of a notification under sub-section (1) superseding the Bureau,—

- (a) all the members referred to in clauses (o), (p) and (q) of sub-section (2) of Section 4 shall, as from the date of supersession, vacate their offices as such;
- (b) all the powers, functions and duties which may, by or under the provisions of this Act, be exercised or discharged by or on behalf of the

Bureau, shall until the Bureau is reconstituted under sub-section (3), be exercised and discharged by such person or persons as the Central Government may direct; and

(c) all property owned or controlled by the Bureau shall, until the Bureau is reconstituted under sub-section (3), vest in the Central Government.

(3) On the expiration of the period of supersession specified in the notification issued under sub-section (1), the Central Government may reconstitute the Bureau by a fresh appointment and in such case any person or persons who vacated their offices under clause (a) of sub-section (2), shall not be deemed disqualified for appointment:

Provided that the Central Government may, at any time, before the expiration of the period of supersession, take action under this sub-section.

(4) The Central Government shall cause a notification issued under sub-section (1) and a full report of any action taken under this section and the circumstances leading to such action to be laid before each House of Parliament at the earliest.

"Section 47 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

48. Default by companies.—(1) Where a company makes a default in complying with the provisions of clause (c) or clause (d) or clause (h) or clause (i) or clause (k) or clause (l) or clause (n) or clause (r) or clause (s) of Section 14 or clause (b) or clause (c) or clause (h) of Section 15, every person who at the time of such contravention was in charge of, and was responsible to the company for the conduct of the business of the company, as well as the company, shall be deemed to have acted in contravention of the said provisions and shall be liable to be proceeded against and imposed penalty under Section 26 accordingly:

Provided that nothing contained in this sub-section shall render any such person liable for penalty provided in this Act if he proves that the contravention of the aforesaid provisions was committed without his knowledge or that he exercised all due diligence to prevent the contravention of the aforesaid provision.

(2) Notwithstanding anything contained in sub-section (1), where any contravention of the provisions of clause (c) or clause (d) or clause (h) or clause (i) or clause (k) or clause (l) or clause (n) or clause (r) or clause (s) of Section 14 or clause (b) or clause (c) or clause (h) of Section 15 has been committed with the consent or connivance of, or is attributable to, any neglect on the part of, any director, manager, secretary or other officer of the company, such director, manager, secretary or other officer shall also be deemed to have contravened the said provisions and shall be liable to be proceeded for imposition of penalty accordingly.

Explanation.—For the purposes of this section, "company" means a body corporate and includes a firm or other association of individuals.

"Section 48 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

49. Exemption from tax on income.—Notwithstanding anything contained in the Income Tax Act, 1961 (43 of 1961) or any other enactment for the time being in force relating to tax on income, profits or gains—

(a) the Bureau;

(b) the existing Energy Management Centre from the date of its constitution to the date of establishment of the Bureau,

shall not be liable to pay any income-tax or any tax in respect of their income, profits or gains derived.

"Section 49 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

50. Protection of action taken in good faith.—No suit, prosecution or other legal proceeding shall lie against the Central Government or Director-General or Secretary or State Government or any officer of those Governments or State Commission or its members or any member or officer or other employee of the Bureau for anything which is in good faith done or intended to be done under this Act or the rules or regulations made thereunder.

"Section 50 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

51. Delegation.—The Bureau may, by general or special order in writing, delegate to any member, member of the committee, officer of the Bureau or any other person subject to such conditions, if any, as may be specified in the order, such of its powers and functions under this Act (except the powers under Section 58) as it may deem necessary.

"Section 51 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

52. Power to obtain information.—Every designated consumer or manufacturer of equipment or appliance ⁸⁶[or any other person or entity covered under this Act shall furnish to the Bureau such information, documents or records relating to energy consumption, and such samples] of any material or substance used in relation to any equipment or appliance, as the Bureau may require.

"Section 52 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

53. Power to exempt.—If the Central Government or the State Government is of the opinion that it is necessary or expedient so to do in the public interest, it may, by notification and subject to such conditions as may be specified in the notification, exempt any designated consumer or class of designated consumers from application of all or any of the provisions of this Act:

Provided that the Central Government or the State Government, as the case may be, shall not grant exemption to any designated consumer or class of designated consumers for a period exceeding five years:

Provided further that the Central Government or the State Government, as the case may be, shall consult the Bureau of Energy Efficiency before granting such exemption.

"Section 53 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

54. Chairperson, Members, Officers and employees of the Appellate Tribunal, Members of State Commission, Director-General, Secretary, members, officers and employees of the Bureau to be public servants.—The ⁸⁷[* * *] members, Director-General, Secretary, officers and other employees of the Bureau shall be deemed, when acting or purporting to act in pursuance of any of the provisions of this Act, to be public servants within the meaning of Section 21 of the Indian Penal Code, 1860 (45 of 1860).

"Section 54 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

55. Power of Central Government to issue directions.—The Central Government may give directions to a State Government or the Bureau as to carrying out into execution of this Act in the State.

"Section 55 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

56. Power of Central Government to make rules.—(1) The Central Government may, by notification, make rules for carrying out the provisions of this Act.

(2) In particular, and without prejudice to the generality of the foregoing power, such rules may provide for all or any of the following matters, namely:—

- (a) such number of persons to be appointed as members by the Central Government under clauses (o), (p) and (q) of sub-section (2) of Section 4;
- (b) the fee and allowances to be paid to the members under sub-section (5) of Section 4;
- (c) the salary and allowances payable to the Director-General and other terms and conditions of his service and other terms and conditions of service of the Secretary of the Bureau under sub-section (4) of Section 9;
- (d) the terms and conditions of service of officers and other employees of the Bureau under sub-section (2) of Section 10;
- (e) performing such other functions by the Bureau, as may be prescribed, under clause (u) of sub-section (2) of Section 13;
- (f) the energy consumption norms and standards for designated consumers under clause (g) of Section 14;
- (g) prescribing the different norms and standards for different designated consumers under the proviso to clause (g) of Section 14;
- (h) the form and manner and the time within which information with

regard to energy consumed and the action taken on the recommendations of the accredited energy auditor be furnished under clause (k) of Section 14;

(i) the form and manner in which the status of energy consumption be submitted under clause (l) of Section 14;

(j) the minimum qualifications for ⁸⁸[energy auditors and energy managers] under clause (m) of Section 14;

(k) the form and manner for preparation of scheme and its implementation under clause (o) of Section 14;

(l) the ⁸⁹[energy conservation and sustainable building codes] under clause (p) of Section 14;

⁹⁰[(la) prescribing the procedure for issuing the energy savings certificate under sub-section (1) of Section 14-A;

(laa) the value of per metric ton of oil equivalent of energy consumed under Section 14-B;]

(m) the matters relating to inspection under sub-section (2) of Section 17;

(n) the form in which, and the time at which, the Bureau shall prepare its budget under Section 22;

(o) the form in which, and the time at which, the Bureau shall prepare its annual report under Section 23;

(p) the form in which the accounts of the Bureau shall be maintained under Section 25;

(q) the manner of holding inquiry under sub-section (1) of Section 27;

(r) the form and fee for filing appeal under sub-section (2) of Section 31;

(s) ⁹¹[* * *]

(t) ⁹²[* * *]

(u) ⁹³[* * *]

(v) any other matter which is to be, or may be, prescribed, or in respect of which provision is to be made, or may be made, by rules.

"Section 56 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

57. Power of State Government to make rules.—(1) The State Government may, by notification, make rules for carrying out the provisions of this Act and not inconsistent with the rules, if any, made by the Central Government.

(2) In particular, and without prejudice to the generality of the foregoing power, such rules may provide for all or any of the following matters, namely:—

(a) ⁹⁴[energy conservation and sustainable building codes] under clause (a) of Section 15;

(b) the form, the manner and the period within which information with regard to energy consumption shall be furnished under clause (h) of

Section 15;

⁹⁵[(*ba*) the fee to be levied for the services rendered by the designated agency for promoting efficient use of energy and its conservation under clause (*ha*) of Section 15;]

⁹⁶[(*bb*) the form in which and the time at which, the budget of the designated agency shall be prepared under Section 15-A;]

(*c*) the person or any authority who shall administer the Fund and the manner in which the Fund shall be administered under sub-⁹⁷[section (3)] of Section 16;

(*d*) the matters to be included for the purposes of inspection under sub-section (2) of Section 17;

(*e*) any other matter which is to be, or may be, prescribed, or in respect of which provision is to be made, or may be made, by rules.

"Section 57 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

58. Power of Bureau to make regulations.—(1) The Bureau may, with the previous approval of the Central Government and subject to the condition of previous publication, by notification, make regulations not inconsistent with the provisions of this Act and the rules made thereunder to carry out the purposes of this Act.

(2) In particular, and without prejudice to the generality of the foregoing power, such regulations may provide for all or any of the following matters, namely:—

(*a*) the times and places of the meetings of the Governing Council and the procedure to be followed at such meetings under sub-section (1) of Section 5;

(*b*) the members of advisory committees constituted under sub-section (2) of Section 8;

(*c*) the powers and duties that may be exercised and discharged by the Director-General of the Bureau under sub-section (6) of Section 9;

(*d*) the levy of fee for services provided for promoting efficient use of energy and its conservation under clause (*n*) of sub-section (2) of Section 13;

(*e*) the list of accredited energy auditors under clause (*o*) of sub-section (2) of Section 13;

⁹⁸[(*f*) the qualifications, criteria and conditions subject to which a person may be accredited as an energy auditor and the procedure for such accreditation under clause (*p*) of sub-section (2) of Section 13;]

(*g*) the manner and the intervals of time in which the energy audit shall be conducted under clause (*q*) of sub-section (2) of Section 13;

(*h*) certification procedure for ⁹⁹[energy auditors and energy managers]

under clause (r) of sub-section (2) of Section 13;

¹⁰⁰[(ha) the purposes, and the terms and conditions subject to which, an agency may be authorised to carry out the functions of the Bureau under clause (tb) of sub-section (2) of Section 13;]

¹⁰¹[(hb) the technical qualification to test samples under clause (tc) of sub-section (2) of Section 13;]

(i) particulars required to be displayed on label and the manner of their display under clause (d) of Section 14;

(j) the manner and the intervals of time for conduct of energy audit under clause (h) or clause (s) of Section 14;

(k) the manner and the intervals of time for conducting energy audit by an accredited energy auditor under clause (c) of Section 15;

(l) any other matter which is required to be, or may be, specified.

"Section 58 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

59. Rules and regulations to be laid before Parliament and State Legislature.

—(1) Every rule made by the Central Government and every regulation made under this Act shall be laid, as soon as may be after it is made, before each House of Parliament while it is in session, for a total period of thirty days which may be comprised in one session or in two or more successive sessions, and if, before the expiry of the session immediately following the session or the successive sessions aforesaid, both Houses agree in making any modification in the rule or regulation, or both Houses agree that the rule or regulation should not be made, the rule or regulation shall thereafter have effect only in such modified form or be of no effect, as the case may be; so, however, that any such modification or annulment shall be without prejudice to the validity of anything previously done under that rule or regulation.

(2) Every rule made by the State Government shall be laid, as soon as may be after it is made, before each House of the State Legislature where it consists of two Houses, or where such Legislature consists of one House, before that House.

"Section 59 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

60. Application of other laws not barred.—The provisions of this Act shall be in addition to, and not in derogation of, the provisions of any other law for the time being in force.

"Section 60 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

61. Provisions of Act not to apply in certain cases.—The provisions of this Act shall not apply to the Ministry or Department of the Central Government dealing with Defence, Atomic Energy or such other similar Ministries or Departments or undertakings or Boards or institutions under the control of such Ministries or

Departments as may be notified by the Central Government.

"Section 61 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

62. Power to remove difficulty.—(1) If any difficulty arises in giving effect to the provisions of this Act, the Central Government may, by order, published in the Official Gazette, make such provisions not inconsistent with the provisions of this Act as may appear to be necessary for removing the difficulty:

Provided that no such order shall be made under this section after the expiry of two years from the date of the commencement of this Act.

(2) Every order made under this section shall be laid, as soon as may be after it is made, before each House of Parliament.

"Section 62 enforced w.e.f. 1-3-2002, *vide* Noti. No. S.O. 268(E), dt. 1-3-2002."

THE SCHEDULE

[See Section 2(s)]

List of Energy Intensive Industries and other establishments ¹⁰²[* * *]

1. Aluminium;
2. Fertilizers;
3. Iron and Steel;
4. Cement;
5. Pulp and paper;
6. Chlor Akali;
- ¹⁰³[7. Sugar — Units of sugar plants or establishment those are under production of sugar and its variants such as white sugar, brown sugar and liquid sugar;]
8. Textile;
- ¹⁰⁴[9. Chemicals — Units of such chemical plants or establishments those are under production of chemicals with following sub-categories:
 - (i) Alkali Chemical (Soda Ash, Potassium Hydroxide);
 - (ii) Inorganic Chemicals;
 - (iii) Organic Chemicals;
 - (iv) Pesticides (Technical);
 - (v) Dyes and Pigments; and
 - (vi) Pharmaceuticals [Active Pharmaceutical Ingredient (API)].]
10. Railways;
11. Port Trust;
12. Transport Sector (industries and services);
13. Petrochemicals, Gas Crackers, Naphtha Crackers and Petroleum Refineries;
14. Thermal Power Stations, hydel power stations, electricity transmission

companies and distribution companies;

15. Commercial buildings or establishments;

[105](#)[16. Ceramic — Units of such ceramic plants or establishments those are under production of vitrified tiles, floor tile, wall tiles and sanitary ware etc. including all variants such as stoneware, porcelain and fire bricks.

17. Glass — Units of such glass plants or establishments those are under production of glass and it's finished products.

18. Zinc — Units of such zinc plants or establishments those are under production of zinc and it's finished products.

19. Copper — Units of such copper plants or establishments those are under production of copper and it's finished products.

20. Mines including exploration — Units of such mines those are involved in surface, underground or other category of mining of minerals as well as exploration of oil and natural gas.]

NOTIFICATION

(1)

Ministry of Power, Noti. No. S.O. 937(E), dated February 21, 2019, published in the Gazette of India, Extra., Part II, Section 3(ii), dated 21st February, 2019, pp. 1-2, No. 807.

In exercise of the powers conferred by clause (b) and clause (d) of Section 14 of the Energy Conservation Act, 2001 (52 of 2001) and in supersession of the notification of the Government of India in the Ministry of Power, published in the Gazette of India, Extraordinary, Part II, Section 3, sub-section (ii), vide number S.O. 4096 (E), dated the 28th December, 2017, except as respects things done or omitted to be done before such supersession, the Central Government, in consultation with the Bureau of Energy Efficiency, hereby specifies the self-ballasted LED lamps for general lighting services having rated power from 3 watts to 25 watts, that works on single phase alternating current supply up to and including 250V, 50Hz for the purposes of the said Act, and directs that any such appliances or class of appliances being manufactured or sold or purchased or imported for sale shall display particulars on labels in the manner specified in the Bureau of Energy Efficiency (Particulars and Manner of their Display on Labels of Self-ballasted LED Lamps) Regulations, 2017 made under the Energy Conservation Act, 2001.

(2)

Ministry of Power, Noti. No. S.O. 4097(E), dated December 27, 2017, published in the Gazette of India, Extra., Part II, Section 3(ii), dated 28th December, 2017, pp. 7-11, No. 3579.

In exercise of the powers conferred by clause (a) of Section 14 of the Energy Conservation Act, 2001 (52 of 2001), the Central Government in consultation

with the Bureau of Energy Efficiency, hereby specifies the following energy consumption standards for star labelled self-ballasted LED lamps, namely—

1. ¹⁰⁶[Every self-ballasted LED lamp having rated power From 3 watts to 25 watts] for general lighting services that works on single phase alternating current supply up to and including 250V, 50Hz, being manufactured, commercially purchased or sold in India shall—

- (i) meet the compliance requirements contained in Section 16.1 and 16.2 of Indian Standard 16102 (part 1) with all amendments;
- (ii) meet all the performance requirements as specified in Indian Standard 16102 (part 2) with all amendments;

¹⁰⁷[(iii) have Bureau of Indian Standards licence mark certification in accordance with Indian Standard 16102 (Part 1).]

2. (1) Definitions: In this order, unless the context otherwise requires,—

¹⁰⁸[(a) initial luminous flux means the luminous flux of the lamp at 0 hour of testing. It is measured in lumens (lm), the initial luminous flux of each individual LED lamp in the measured sample shall not be less than the rated luminous flux by more than 10 per cent. and the average initial luminous flux of the measured samples shall not be less than the rated luminous flux by more than 7.5 per cent;]

¹⁰⁹[(aa)] “life” means length of time during which a LED lamp provides more than 70 per cent of the initial luminous flux, under standard test conditions;

(b) “luminous efficacy” means luminous flux of lamp per unit power consumed by the lamp and the unit of luminous efficacy shall be lumen per Watt (lm/W);

(c) “luminous flux” means the light given by a light source or a luminaire or received by a surface irrespective of the directions in which it is distributed and the unit of the luminous flux is the lumen (lm);

(d) “lumen maintenance” means luminous flux at a given time in the life of LED lamp divided by the initial value of the luminous flux of the lamp, which is expressed as a percentage x of the initial luminous flux;

(e) “rated luminous flux” means the luminous flux marked on the lamp or declared by the supplier;

(f) “rated wattage” means the wattage marked on the lamp;

(g) “self-ballasted LED lamp” means a unit which cannot be dismantled without being permanently damaged, provided with a lamp cap and incorporating a LED light source and any additional elements necessary for stable operation of the light source;

(h) “wattage” means the SI derived unit used to measure power and in terms of electricity, wattage is equal to current (in amperes) multiplied by voltage (in volts).

(2) Words and expressions used herein and not defined, but defined in this standard shall have meanings respectively assigned to them in Indian Standard 16102 (part I) and Indian Standard 16102 (part II) with all amendments.

3. Star rating or star level plan.—(1) The label to be affixed on self-ballasted LED lamp shall display a maximum of five stars with an interval of one star, and the lamp shall be rated from star one to star five based on the luminous efficacy.

(2) Every self-ballasted LED lamp shall refer to energy consumption standard which meets the performance requirements as laid down in clause (ii) of Paragraph 1.

¹¹⁰[(3) The star level of the self-ballasted LED lamps shall be determined on the basis of star level parameters, luminous flux (lumens), wattage (watts) and luminous efficacy (lumen/ watt), which shall be obtained from Table 3.1 or Table 3.2, depending on the year of manufacturing or import or sale as specified in Table A and the luminous efficacy (lumen/watt) shall be used to determine the star rating band and star rating of model, namely—

Luminous Efficacy (Lumen/Watt) = Luminous Flux (Lumen)/ wattage (Watt)

TABLE A

Sl. No.	Period of product manufacturing or import or sale	Table to be used for determining star level to a product
(1)	(2)	(3)
1.	From ¹¹¹ [1st January, 2018 to 31st December, 2020]	3.1
2.	From ¹¹² [1st January, 2021 to 30th June, 2023]	3.2

TABLE 3.1

Star level valid from ¹¹³[1st January, 2018 to 31st December, 2020]

Sl. No.	Star rating band	Luminous Efficacy (Lumen/Watt)
(1)	(2)	(3)
1.	1 Star*	≥ 68 and < 79 — Freeze
2.	2 Star**	≥ 79 and < 90
3.	3 Star***	≥ 90 and < 105
4.	4 Star****	≥ 105 and < 120
5.	5 Star*****	≥ 120

TABLE 3.2

Star level valid from ¹¹⁴[1st January, 2021 to 30th June, 2023]

Sl. No.	Star rating band	Luminous Efficacy (Lumen/Watt)
(1)	(2)	(3)

1.	1 Star*	≥ 79 and < 90 -Freeze
2.	2 Star**	≥ 90 and < 105
3.	3 Star***	≥ 105 and < 120
4.	4 Star****	≥ 120 and < 135
5.	5 Star*****	≥ 135

¹¹⁵[(3-A) The family of models (grouping guidelines) for registration purpose shall be considered as per the following Table and procedure, namely—

TABLE

Group Designation Code	Lumen Range	CCT 2700K–<3500K	CCT 3500K–<5000K	CCT 5000K–<6500K
(1)	(2)	(3)	(4)	(5)
A	100–500	<family A3 ₍₁₎ –family A3 _(n) >	<family A4 ₍₁₎ –family A4 _(n) >	<family A5 ₍₁₎ –family A5 _(n) >
B	501–1000	<family B3 ₍₁₎ –family B3 _(n) >	<family B4 ₍₁₎ –family B4 _(n) >	<family B5 ₍₁₎ –family B5 _(n) >
C	1001–1500	<family C3 ₍₁₎ –family C3 _(n) >	<family C4 ₍₁₎ –family C4 _(n) >	<family C5 ₍₁₎ –family C5 _(n) >
D	1501–2500	<family D3 ₍₁₎ –family D3 _(n) >	<family D4 ₍₁₎ –family D4 _(n) >	<family D5 ₍₁₎ –family D5 _(n) >
E	>2500	<family E3 ₍₁₎ –family E3 _(n) >	<family E4 ₍₁₎ –family E4 _(n) >	<family E5 ₍₁₎ –family E5 _(n) >

- (i) Star rating can be given only on the basis of initial testing at 0 hours of lumen/watt for each wattage (the efficacy as defined in IS 16102 (Part 2)).
- (ii) Only one wattage in each group will go for complete life test.
- (iii) 1000 hours test report to be submitted within 3 months from the date of approval.
- (iv) Twenty five per cent. of declared life test report to be submitted within 1 year from the date of approval.
- (v) For additional CCT, only the lumen/watt and CCT report shall be submitted and there shall not be any requirement to submit the life test report again.

(vi) For a different (higher) star rating band, the procedure specified in clause (i) to (v) shall be complied with

¹¹⁶[(4) The permission for display of particulars on self-ballasted LED lamps for 1 star specified in Table 3.1 and Table 3.2 shall not be permitted for the validity period so specified for each table, with a view to upgrade the minimum energy performance level of such self-ballasted LED lamps.]

¹¹⁷[(5) The star level plan shall be reviewed before the expiry of the period specified under Table 3.2 and thereafter, the star level plan shall be reviewed every three years.]

4. Testing and tolerance.—(1) For the purpose of determining the star level of a self-ballasted LED lamp, the following test standards specified in Table 4.1 shall be used, namely—

TABLE 4.1

Sl. No.	Test parameters	Test Standards
1	Wattage	Indian Standard 16102 (part 2) with all amendments Self-ballasted LED lamps for general lighting services: Part 2 Performance requirements
2	Initial Luminous Flux	
3	Colour chromaticity	
4	Colour rendering index (CRI)	
5	Power factor	
6	Life	
7	Lamp efficacy	The lamp efficacy shall be derived from the measured value of lumen output and the wattage at the rated voltage and frequency
8	Photo biological safety test	Indian Standard 16108 Photo biological safety of LED and LED systems.
9	Harmonics	Indian Standard 14700 (part 3/sec 2) Electromagnetic compatibility: Part 3 Limits, Section 2 Limits for harmonic current emissions
10	Limits and methods of measurement of radio disturbance characteristics : Part 5 Electrical lighting and similar equipment	Indian Standard 6873 (part 5) Limits and methods of measurement of radio disturbance characteristics: Part 5 Electrical lighting and similar equipment
11	Beam Angle (Test to be carried out only for directional lamps)	Indian Standard 16103 (part 2) LED modules for general lighting Part 2:

	Performance requirements
--	--------------------------

(2) The number of samples shall be as per the Clause 17 of Indian Standard 16102 (part 2) with all amendments.

(3) There shall be no negative tolerance for the star rating levels.

(4) Compliance shall be considered to be achieved as per Clause 18.2 of Indian Standard 16102 (part 2) with all amendments and the qualifying lamps in a batch shall meet the minimum threshold limit for each star rating level.

(5) The scope for manufacturing tolerance and other variations shall be accounted by the manufacturer when determining the star rating keeping in view the following points for rounding off,—

(a) the values of power consumption (Watts), luminous flux (lumens), luminous efficacy (lm/W) shall be rounded off to nearest whole number up to one decimal places;

(b) all the values shall be rounded off to respective significant figures, as per Indian Standard 2: 1960, reaffirmed 2000, Edition 2.3;

¹¹⁸[(6) It shall be ensured that every self-ballasted LED lamp shall have at least ninety five per cent lumen maintenance at 1000 hours of operation however among each family of models defined in regulations under clause (d) of Section 14 of the Energy Conservation Act, 2001 (52 of 2001), the manufacturer shall submit the 1000 hours test report for the parent model revealing ninety five per cent of lumen maintenance, within three months of the date of approval of the aforesaid family of models.]

¹¹⁹[(7) It shall be ensured that every self-ballasted LED lamp at 6000 hours of operation or at twenty five per cent of declared life, including the ageing period of 1000 hours, shall not have lumen maintenance less than the value indicated in the relevant lamp data sheet as specified in Clause 11.2 of Indian Standard IS16102 (Part 2) with all amendments, however among each family of models defined in regulations under clause (d) of Section 14 of the Energy Conservation Act, 2001 (52 of 2001), manufacturer shall submit 6000 hours test report or at twenty five per cent of declared life for the parent model, within twelve months of the date of approval of the aforesaid family of models.]

5. Test report.—The results of the sample tested shall be reported on the prescribed format given in Annexure B.

ANNEXURE A

[See sub-paragraph (7) of Paragraph 4]

Form the reporting the compliance of Lumen Maintenance

Date:

Test details:

(i) Rated value of initial luminous flux (Lumen):

(ii) Category of Lumen Maintenance:

(iii) Measured value of the lumen maintenance at 6000 hours of operation or after 25% of the declared life:

(iv) Test report of lumen maintenance at 6000 hours attached (Yes/No)

ANNEXURE B

[See Paragraph 5]

Form for reporting the results of tests

(Separate test report format shall be used for each type/models)

Date:

Test Report No.

3. Details of self-ballasted LED lamps

(i) Brand:

(ii) Model name/number: (if applicable)

(iii) Rated Wattage (in Watts):

(iv) Type:

(v) Rated voltage or voltage range:

(vi) Rated luminous flux (in lumens):

(vii) Rated luminous efficacy (in lumens/Watt):

4. Test summary

(i) Manufacturer/ Laboratory Name and address:

(ii) Date of receipt of sample:

(iii) Date of test:

(iv) Name of Testing Personnel:

(v) Nature of Test and details of test conducted as per the relevant standards:

(vi) Nominal test condition:

(vii) Observations and Test results:

Sl. No.	Test parameters & relevant units	Measured Values	Rated/Declared Values (after applying tolerances as per standards)	Relevant Test Standard
1	Power consumption (Watt)			Indian Standard 16102 (part 2) with all amendments
2	Initial luminous flux (Lumen)			
3	Luminous flux at 1000 hours (Lumen)			
4	Colour chromaticity Compliance with safety requirement (Yes/No) [If yes, attach			Self-ballasted LED lamps for general lighting services: Part 2 Performance

	relevant part of test report]			requirements
5	Colour rendering index (CRI) Compliance with safety requirement (Yes/No) [If yes, attach relevant part of test report]			
6	Life (hours)			
7	Power factor			
8	Lamp Efficacy (Lumen/Watt)			The lamp efficacy shall be derived from the measured value of lumen output and wattage at the rated voltage and frequency.
9	Photo biological test Compliance with safety requirement (Yes/No) [If yes, attach relevant part of test report]			Indian Standard 16108 Photo biological safety of LED and LED system
10	Harmonics compliance with safety requirement (Yes/No) [If yes, attach relevant part of test report]			Indian Standard 14700 (part 3/sec 2)Electromagnetic compatibility: Part 3 Limits, Section 2 Limits for harmonic current emissions
11	Emission of radio frequency disturbances Compliance with safety requirement (Yes/No) [If yes, attach			Indian Standard 6873 (part 5) Limits and methods of measurement of radio disturbance characteristics:

	relevant part of test report]			Part 5 Electrical lighting and similar equipment
12	Beam Angle (Test report to be submitted only for directional LED lamps)			Indian Standard 16103 (part 2) LED Modules for general lighting Part 2: Performance requirements

¹. Received the assent of the President on September 29, 2001 and published in the Gazette of India, Extra., Part II, Section 1, dated 1st October, 2001, pp. 1-21, No. 60

². The words "except the State of Jammu and Kashmir" omitted by Act 34 of 2019, Ss. 95, 96 & Sch. V (w.e.f. 31-10-2019).

³. *Subs.* for "an auditor possessing qualifications specified under" by Act, 28 of 2010, S. 2(i) (w.e.f. 24-8-2010).

⁴. *Subs.* for "established under Section 30" by Act, 28 of 2010, S. 2(ii) (w.e.f. 24-8-2010).

⁵. *Subs.* by Act 19 of 2022, S. 2(i) (w.e.f. 1-1-2023). Prior to substitution it read as:
"(c) "building" means any structure or erection or part of structure or erection after the rules relating to energy conservation building codes have been notified under clause (p) of Section 14 and clause (a) of Section 15 and includes any existing structure or erection or part of structure or erection, which is having a connected load of 100 Kilowatt (kW) or contract demand of 120 Kilo-volt Ampere (kVA) and above and is used or intended to be used for commercial purposes;"

⁶. *Ins.* by Act 19 of 2022, S. 2(ii) (w.e.f. 1-1-2023).

⁷. *Ins.* by Act 19 of 2022, S. 2(ii) (w.e.f. 1-1-2023).

⁸. *Subs.* by Act 19 of 2022, S. 2(iii) (w.e.f. 1-1-2023). Prior to substitution it read as:
"(h) "energy" means any form of energy derived from fossil fuels, nuclear substances or materials, hydro-electricity and includes electrical energy or electricity generated from renewable sources of energy or bio-mass connected to the grid;"

⁹. *Ins.* by Act 19 of 2022, S. 2(iv) (w.e.f. 1-1-2023).

¹⁰. *Subs.* by Act 19 of 2022, S. 2(v) (w.e.f. 1-1-2023). Prior to substitution it read as:
"(j) "energy conservation building codes" means the norms and standards of energy consumption expressed in terms of per square metre of the area wherein energy is used and includes the location of the building;"

¹¹. *Ins.* by Act, 28 of 2010, S. 2(iv) (w.e.f. 24-8-2010).

- ^{12.} *Ins.* by Act 19 of 2022, S. 2(vi) (w.e.f. 1-1-2023).
- ^{13.} *Ins.* by Act 19 of 2022, S. 2(vii) (w.e.f. 1-1-2023).
- ^{14.} *Ins.* by Act 19 of 2022, S. 2(vii) (w.e.f. 1-1-2023).
- ^{15.} *Subs.* for "twenty, but not exceeding twenty-six" by Act 19 of 2022, S. 3(a) (w.e.f. 1-1-2023).
- ^{16.} *Ins.* by Act 19 of 2022, S. 3(b)(i) (w.e.f. 1-1-2023).
- ^{17.} *Ins.* by Act 19 of 2022, S. 3(b)(i) (w.e.f. 1-1-2023).
- ^{18.} *Ins.* by Act 19 of 2022, S. 3(b)(i) (w.e.f. 1-1-2023).
- ^{19.} *Ins.* by Act 19 of 2022, S. 3(b)(i) (w.e.f. 1-1-2023).
- ^{20.} *Ins.* by Act 19 of 2022, S. 3(b)(i) (w.e.f. 1-1-2023).
- ^{21.} *Ins.* by Act 19 of 2022, S. 3(b)(i) (w.e.f. 1-1-2023).
- ^{22.} *Ins.* by Act 19 of 2022, S. 3(b)(i) (w.e.f. 1-1-2023).
- ^{23.} *Ins.* by Act 19 of 2022, S. 3(b)(ii) (w.e.f. 1-1-2023).
- ^{24.} *Subs.* by Act 19 of 2022, S. 3(b)(iii) (w.e.f. 1-1-2023).
- ^{25.} *Subs.* by Act 19 of 2022, S. 3(b)(iv) (w.e.f. 1-1-2023).
- ^{26.} *Subs.* for "three years" by Act, 28 of 2010, S. 3 (w.e.f. 24-8-2010).
- ^{27.} *Subs.* for "The Central Government" by Act, 28 of 2010, S. 4 (w.e.f. 24-8-2010).
- ^{28.} *Ins.* by Act 19 of 2022, S. 4(i) (w.e.f. 1-1-2023).
- ^{29.} *Ins.* by Act, 28 of 2010, S. 5(i) (w.e.f. 24-8-2010).
- ^{30.} *Subs.* for "energy conservation building codes" by Act 19 of 2022, S. 4(ii) (w.e.f. 1-1-2023).
- ^{31.} *Ins.* by Act 19 of 2022, S. 4(ii) (w.e.f. 1-1-2023).
- ^{32.} *Subs.* by Act, 28 of 2010, S. 5(ii) (w.e.f. 24-8-2010). Prior to substitution it read as:
"(p) specify, by regulations, qualifications for the accredited energy auditors;"
- ^{33.} *Subs.* for "energy managers" by Act, 28 of 2010, S. 5(iii) (w.e.f. 24-8-2010).
- ^{34.} *Ins.* by Act, 28 of 2010, S. 5(iv) (w.e.f. 24-8-2010).
- ^{35.} *Ins.* by Act 19 of 2022, S. 4(ii) (w.e.f. 1-1-2023).

- ^{36.} *Ins.* by Act 19 of 2022, S. 4(ii) (w.e.f. 1-1-2023).
- ^{37.} *Ins.* by Act 19 of 2022, S. 4(ii) (w.e.f. 1-1-2023).
- ^{38.} *Ins.* by Act 19 of 2022, S. 4(ii) (w.e.f. 1-1-2023).
- ^{39.} *Ins.* by Act 19 of 2022, S. 4(ii) (w.e.f. 1-1-2023).
- ^{40.} *Ins.* by Act 19 of 2022, S. 4(ii) (w.e.f. 1-1-2023).
- ^{41.} *Ins.* by Act 19 of 2022, S. 5 (w.e.f. 1-1-2023).
- ^{42.} *Subs.* for “appliance” by Act 19 of 2022, S. 6(i) (w.e.f. 1-1-2023).
- ^{43.} *Ins.* by Act 19 of 2022, S. 6(ii) (w.e.f. 1-1-2023).
- ^{44.} *Subs.* by Act 19 of 2022, S. 6(iii) (w.e.f. 1-1-2023).
“(c) prohibit manufacture or sale or purchase or import of equipment or appliance specified under clause (b), unless such equipment or appliance conforms to energy consumption standards:
Provided that no notification prohibiting manufacture or sale or purchase or import of equipment or appliance shall be issued within a period of six months from the date of notification issued under clause (a) of this section:
Provided further that the Central Government may, having regard to the market share and the technological development having impact on equipment or appliance, and for reasons to be recorded in writing, extend the said period of six months referred to in the first proviso by a further period not exceeding six months;”
- ^{45.} *Subs.* for “any user or class of users of energy as a designated consumer” by Act, 28 of 2010, S. 6(ii) (w.e.f. 24-8-2010).
- ^{46.} *Ins.* by Act 19 of 2022, S. 6(iv) (w.e.f. 1-1-2023).
- ^{47.} *Ins.* by Act 19 of 2022, S. 6(v) (w.e.f. 1-1-2023).
- ^{48.} *Subs.* for “energy manager” by Act 19 of 2022, S. 6(vi) (w.e.f. 1-1-2023).
- ^{49.} *Subs.* for “energy managers” by Act, 28 of 2010, S. 6(iii) (w.e.f. 24-8-2010).
- ^{50.} *Subs.* for “such form and manner” by Act, 28 of 2010, S. 6(iv) (w.e.f. 24-8-2010).
- ^{51.} *Subs.* for “energy conservation building codes” by Act 19 of 2022, S. 6(vii) (w.e.f. 1-1-2023).
- ^{52.} *Subs.* for “energy conservation building codes” by Act 19 of 2022, S. 6(vii) (w.e.f. 1-1-2023).
- ^{53.} *Subs.* for “energy conservation building codes” by Act 19 of 2022, S. 6(vii) (w.e.f. 1-1-2023).
- ^{54.} *Ins.* by Act 19 of 2022, S. 6(viii) (w.e.f. 1-1-2023).
- ^{55.} *Ins.* by Act 19 of 2022, S. 6(viii) (w.e.f. 1-1-2023).

- ⁵⁶. *Ins.* by Act, 28 of 2010, S. 7 (w.e.f. 24-8-2010).
- ⁵⁷. *Subs.* for "Power of Central Government to issue energy savings certificate" by Act 19 of 2022, S. 7 (a) (w.e.f. 1-1-2023).
- ⁵⁸. *Ins.* by Act 19 of 2022, S. 7(b) (w.e.f. 1-1-2023).
- ⁵⁹. *Ins.* by Act 19 of 2022, S. 7(c) (w.e.f. 1-1-2023).
- ⁶⁰. *Ins.* by Act 19 of 2022, S. 8 (w.e.f. 1-1-2023).
- ⁶¹. *Ins.* by Act, 28 of 2010, S. 7 (w.e.f. 24-8-2010).
- ⁶². *Subs.* for "energy conservation building codes" by Act 19 of 2022, S. 9(i)(I) (w.e.f. 1-1-2023).
- ⁶³. *Subs.* for "energy conservation building codes" by Act 19 of 2022, S. 9(i)(I) (w.e.f. 1-1-2023).
- ⁶⁴. *Ins.* by Act 19 of 2022, S. 9(i)(II) (w.e.f. 1-1-2023).
- ⁶⁵. *Subs.* for "energy conservation building codes" by Act 19 of 2022, S. 9(ii) (w.e.f. 1-1-2023).
- ⁶⁶. *Ins.* by Act 19 of 2022, S. 9(iii) (w.e.f. 1-1-2023).
- ⁶⁷. *Ins.* by Act 19 of 2022, S. 10 (w.e.f. 1-1-2023).
- ⁶⁸. *Subs.* by Act 19 of 2022, S. 11 (w.e.f. 1-1-2023).
"16. *Establishment of Fund by State Government.*—(1) The State Government shall constitute a Fund to be called the State Energy Conservation Fund for the purposes of promotion of efficient use of energy and its conservation within the State.
(2) The Fund shall be credited all grants and loans that may be made by the State Government or, Central Government or any other organisation or individual for the purposes of this Act.
(3) The Fund shall be applied for meeting the expenses incurred for implementing the provisions of this Act.
(4) The Fund created under sub-section (1) shall be administered by such persons or any authority and in such manner as may be specified in the rules made by the State Government."
- ⁶⁹. *Subs.* by Act 19 of 2022, S. 12 (w.e.f. 1-1-2023).
"26. *Penalty.*—(1) If any person fails to comply with the provisions of clause (c) or clause (d) or clause (h) or clause (i) or clause (k) or clause (l) [* * *] or clause (r) or clause (s) of Section 14 or clause (b) or clause (c) or clause (h) of Section 15, he shall be liable to a penalty which shall not exceed ten lakh rupees for each such failure and, in the case of continuing failure, with an additional penalty which may extend to ten thousand rupees for every day during which such failure continues:
Provided that no person shall be liable to pay penalty within five years from the date of commencement of this Act.
(1-A) If any person fails to comply with the provisions of clause (n) of Section 14, he shall be liable to a penalty which shall not exceed ten lakh rupees and, in the case of continuing failure, with an additional penalty which shall not be less than the price of every metric ton of oil equivalent of

energy, prescribed under this Act, that is in excess of the prescribed norms.

(2) Any amount payable under this section, if not paid, may be recovered as if it were an arrear of land revenue.”

⁷⁰. *Ins.* by Act 19 of 2022, S. 13 (w.e.f. 1-1-2023).

⁷¹. *Ins.* by Act 19 of 2022, S. 14 (w.e.f. 1-1-2023).

⁷². *Subs.* by Act, 28 of 2010, S. 9 (w.e.f. 24-8-2010). Prior to substitution it read as:

“30. *Establishment of Appellate Tribunal.*—The Central Government shall, by notification, establish an Appellate Tribunal to be known as the Appellate Tribunal for Energy Conservation to hear appeals against the orders of the adjudicating officer or the Central Government or the State Government or any other authority under this Act.”.

⁷³. *Ins.* by Act, 28 of 2010, S. 10 (w.e.f. 24-8-2010).

⁷⁴. *Omitted* by Act, 28 of 2010, S. 11 (w.e.f. 24-8-2010). Prior to omission it read as:

“32. *Composition of Appellate Tribunal.*—(1) The Appellate Tribunal shall consist of a Chairperson and such number of Members not exceeding four, as the Central Government may deem fit.

(2) Subject to the provisions of this Act,—

(a) the jurisdiction of the Appellate Tribunal may be exercised by Benches thereof;

(b) a Bench may be constituted by the Chairperson of the Appellate Tribunal with two or more Members of the Appellate Tribunal as the Chairperson of the Appellate Tribunal may deem fit:

Provided that every Bench constituted under this clause shall include at least one Judicial Member and one Technical Member;

(c) The Benches of the Appellate Tribunal shall ordinarily sit at Delhi and such other places as the Central Government may, in consultation with the Chairperson of the Appellate Tribunal, notify;

(d) the Central Government shall notify the areas in relation to which each Bench of the Appellate Tribunal may exercise jurisdiction.

(3) Notwithstanding anything contained in sub-section (2), the Chairperson of the Appellate Tribunal may transfer a Member of the Appellate Tribunal from one Bench to another Bench.

Explanation.—For the purposes of this Chapter,—

(i) “Judicial Member” means a Member of the Appellate Tribunal appointed as such under item (i) or item (ii) of clause (b) of sub-section (1) of Section 33, and includes the Chairperson of the Appellate Tribunal;

(ii) “Technical Member” means a Member of the Appellate Tribunal appointed as such under item (iii) or item (iv) or item (v) or item (vi) of clause (b) of sub-section (1) of Section 33.”

⁷⁵. *Omitted* by Act, 28 of 2010, S. 11 (w.e.f. (w.e.f. 24-8-2010)). Prior to omission it read as:

“33. *Qualifications for appointment of Chairperson and Members of Appellate Tribunal.*—(1) A person shall not be qualified for appointment as the Chairperson of the Appellate Tribunal or a Member of the Appellate Tribunal unless he,—

- (a) in the case of Chairperson of the Appellate Tribunal, is, or has been, a judge of the Supreme Court or the Chief Justice of a High Court; and
- (b) in the case of a Member of the Appellate Tribunal,—
 - (i) is, or has been, or is qualified to be, a Judge of a High Court; or
 - (ii) is, or has been, a Member of the Indian Legal Service and has held a post in Grade I in that service for at least three years; or
 - (iii) is, or has been, a Secretary for at least one year in the Ministry or Department of the Central Government dealing with the Power or Coal or Petroleum and Natural Gas or Atomic Energy; or
 - (iv) is, or has been the Chairman of the Central Electricity Authority for at least one year; or
 - (v) is, or has been, Director-General of Bureau or Director-General of the Central Power Research Institute or Bureau of Indian Standards for at least three years or has held any equivalent post for at least three years; or
 - (vi) is, or has been, a qualified technical person of ability and standing, having adequate knowledge and experience in dealing with the matters relating to energy, production and supply, energy management, standardisation and efficient use of energy and its conservation, and has shown capacity in dealing with problems relating to engineering, finance, commerce, economics, law or management.”

^{76.} Omitted by Act, 28 of 2010, S. 11 (w.e.f. 24-8-2010). Prior to omission it read as:

“34. *Term of office.*—The Chairperson of the Appellate Tribunal and every Member of the Appellate Tribunal shall hold office as such for a term of five years from the date on which he enters upon his office:

Provided that no Chairperson of the Appellate Tribunal or Member of the Appellate Tribunal shall hold office as such after he has attained,—

- (a) in the case of the Chairperson of the Appellate Tribunal, the age of seventy years;
- (b) in the case of any Member of the Appellate Tribunal, the age of sixty-five years.”

^{77.} Omitted by Act, 28 of 2010, S. 11 (w.e.f. 24-8-2010). Prior to omission it read as:

“35. *Terms and conditions of service.*—The salary and allowances payable to and the other terms and conditions of service of the Chairperson of the Appellate Tribunal and Members of the Appellate Tribunal shall be such as may be prescribed:

Provided that neither the salary and allowances nor the other terms and conditions of service of the Chairperson of the Appellate Tribunal or a Member of the Appellate Tribunal shall be varied to his disadvantage after appointment.”

^{78.} Omitted by Act, 28 of 2010, S. 11 (w.e.f. 24-8-2010). Prior to omission it read as:

“36. *Vacancies.*—If, for reason, other than temporary absence, any vacancy occurs in the office of the Chairperson of the Appellate Tribunal or a Member of the Appellate Tribunal, the Central Government shall appoint another person in accordance with the provisions of this Act to fill the vacancy and the proceedings may be continued before the Appellate Tribunal from the stage at which the vacancy is filled.”

^{79.} *Omitted by Act, 28 of 2010, S. 11 (w.e.f. 24-8-2010). Prior to omission it read as:*

"37. Resignation and removal.—(1) The Chairperson or a Member of the Appellate Tribunal may, by notice in writing under his hand addressed to the Central Government, resign his office:

Provided that the Chairperson of the Appellate Tribunal or a Member of the Appellate Tribunal shall, unless he is permitted by the Central Government to relinquish his office sooner, continue to hold office until the expiry of three months from the date of receipt of such notice or until a person duly appointed as his successor enters upon his office or until the expiry of his term of office, whichever is the earliest.

(2) The Chairperson of the Appellate Tribunal or Member of the Appellate Tribunal shall not be removed from his office except by an order by the Central Government on the ground of proved misbehaviour or incapacity after an inquiry made by such person as the President may appoint for this purpose in which the Chairperson or a Member of the Appellate Tribunal concerned has been informed of the charges against him and given a reasonable opportunity of being heard in respect of such charges."

^{80.} *Omitted by Act, 28 of 2010, S. 11 (w.e.f. 24-8-2010). Prior to omission it read as:*

"38. Member to act as Chairperson in certain circumstances.—(1) In the event of the occurrence of any vacancy in the office of the Chairperson of the Appellate Tribunal by reason of his death, resignation or otherwise, the seniormost Member of the Appellate Tribunal shall act as the Chairperson of the Appellate Tribunal until the date on which a new Chairperson, appointed in accordance with the provisions of this Act to fill such vacancy, enters upon his office.

(2) When the Chairperson of the Appellate Tribunal is unable to discharge his functions owing to absence, illness or any other cause, the seniormost Member of the Appellate Tribunal shall discharge the functions of the Chairperson of the Appellate Tribunal until the date on which the Chairperson of the Appellate Tribunal resumes his duties."

^{81.} *Omitted by Act, 28 of 2010, S. 11 (w.e.f. 24-8-2010). Prior to omission it read as:*

"39. Staff of Appellate Tribunal.—(1) The Central Government shall provide the Appellate Tribunal with such officers and employees as it may deem fit.

(2) The officers and employees of the Appellate Tribunal shall discharge their functions under the general superintendence of the Chairperson of the Appellate Tribunal, as the case may be.

(3) The salaries and allowances and other conditions of service of the officers and employees of the Appellate Tribunal shall be such as may be prescribed."

^{82.} *Omitted by Act, 28 of 2010, S. 11 (w.e.f. 24-8-2010). Prior to omission it read as:*

"40. Procedure and powers of Appellate Tribunal.—(1) The Appellate Tribunal shall not be bound by the procedure laid down by the Code of Civil Procedure, 1908 (5 of 1908) but shall be guided by the principles of natural justice and, subject to the other provisions of this Act, the Appellate Tribunal shall have powers to regulate its own procedure.

(2) The Appellate Tribunal shall have, for the purposes of discharging its functions under this Act, the same powers as are vested in a civil court under the Code of Civil Procedure, 1908 (5 of 1908), while trying a suit in respect of the following matters, namely:—

(a) summoning and enforcing the attendance of any person and examining him on oath;

(b) requiring the discovery and production of documents;

- (c) receiving evidence on affidavits;
- (d) subject to the provisions of Sections 123 and 124 of the Indian Evidence Act, 1872 (1 of 1872), requisitioning any public record or document or copy of such record or document from any office;
- (e) issuing commissions for the examination of witnesses or documents;
- (f) reviewing its decisions;
- (g) dismissing a representation of default or deciding it, ex parte;
- (h) setting aside any order of dismissal or any representation for default or any order passed by it, ex parte;
- (i) any other matter which may be prescribed by the Central Government.

(3) An order made by the Appellate Tribunal under this Act shall be executable by the Appellate Tribunal as a decree of civil court and, for this purpose, the Appellate Tribunal shall have all the powers of a civil court.

(4) Notwithstanding anything contained in sub-section (3), the Appellate Tribunal may transmit any order made by it to a civil court having local jurisdiction and such civil court shall execute the order as if it were a decree made by that court.

(5) All proceedings before the Appellate Tribunal shall be deemed to be judicial proceedings within the meaning of Sections 193 and 228 of the Indian Penal Code, 1860 (45 of 1860) and the Appellate Tribunal shall be deemed to be a civil court for the purposes of Sections 345 and 346 of the Code of Criminal Procedure, 1973 (2 of 1974)."

^{83.} *Omitted by Act, 28 of 2010, S. 11 (w.e.f. 24-8-2010). Prior to omission it read as:*

"41. *Distribution of business amongst Benches.*—Where Benches are constituted, the Chairperson of the Appellate Tribunal may, from time to time, by notification, make provisions as to the distribution of the business of the Appellate Tribunal amongst the Benches and also provide for the matters which may be dealt with by each Bench."

^{84.} *Omitted by Act, 28 of 2010, S. 11 (w.e.f. 24-8-2010). Prior to omission it read as:*

"42. *Power of Chairperson to transfer cases.*—On the application of any of the parties and after notice to the parties, and after hearing such of them as he may desire to be heard, or on his own motion without such notice, the Chairperson of the Appellate Tribunal may transfer any case pending before one Bench for disposal, to any other Bench."

^{85.} *Omitted by Act, 28 of 2010, S. 11 (w.e.f. 24-8-2010). Prior to omission it read as:*

"43. *Decision to be by majority.*—If the Members of the Appellate Tribunal of a Bench consisting of two Members differ in opinion on any point, they shall state the point or points on which they differ, and make a reference to the Chairperson of the Appellate Tribunal who shall either hear the point or points himself or refer the case for hearing on such point or points by one or more of the other Members of the Appellate Tribunal and such point or points shall be decided according to the opinion of the majority of the Members of the Appellate Tribunal who have heard the case, including those who first heard it."

^{86.} *Subs. for "specified under clause (b) of Section 14 shall supply the Bureau with such information, and*

with such samples” by Act 19 of 2022, S. 15 (w.e.f. 1-1-2023).

^{87.} The words “Chairperson of the Appellate Tribunal or the Members of the Appellate Tribunal or officers or employees of the Appellate Tribunal or the members of the State Commission or the” *omitted* by Act, 28 of 2010, S. 12 (w.e.f. 24-8-2010).

^{88.} *Subs.* for “energy managers” by Act, 28 of 2010, S. 13(*i*) (w.e.f. 24-8-2010).

^{89.} *Subs.* for “energy conservation building codes” by Act 19 of 2022, S. 16 (w.e.f. 1-1-2023).

^{90.} *Ins.* by Act, 28 of 2010, S. 13(*ii*) (w.e.f. 24-8-2010).

^{91.} *Omitted* by Act, 28 of 2010, S. 13(*iii*) (w.e.f. 24-8-2010). Prior to omission it read as:
“(s) the salary and allowances payable to and other terms and conditions of service of the Chairperson of the Appellate Tribunal and Members of the Appellate Tribunal under Section 35;”

^{92.} *Omitted* by Act, 28 of 2010, S. 13(*iii*) (w.e.f. 24-8-2010). Prior to omission it read as:
“(t) the salary and allowances and other conditions of service of the officers and other employees of the Appellate Tribunal under sub-section (3) of Section 39;”

^{93.} *Omitted* by Act, 28 of 2010, S. 13(*iii*) (w.e.f. 24-8-2010). Prior to omission it read as:
“(u) the additional matters in respect of which the Appellate Tribunal may exercise the powers of a civil court under clause (*i*) of sub-section (2) of Section 40;”

^{94.} *Subs.* for “energy conservation building codes” by Act 19 of 2022, S. 17(*i*) (w.e.f. 1-1-2023).

^{95.} *Ins.* by Act 19 of 2022, S. 17(*ii*) (w.e.f. 1-1-2023).

^{96.} *Ins.* by Act 19 of 2022, S. 17(*ii*) (w.e.f. 1-1-2023).

^{97.} *Subs.* for “section (4)” by Act 19 of 2022, S. 17(*iii*) (w.e.f. 1-1-2023).

^{98.} *Subs.* by Act, 28 of 2010, S. 14(*a*) (w.e.f. 24-8-2010). Prior to substitution it read as:
“(f) the qualifications for accredited energy auditors under clause (*p*) of sub-section (2) of Section 13;”

^{99.} *Subs.* for “energy managers” by Act, 28 of 2010, S. 14(*b*) (w.e.f. 24-8-2010).

^{100.} *Ins.* by Act 19 of 2022, S. 18 (w.e.f. 1-1-2023).

^{101.} *Ins.* by Act 19 of 2022, S. 18 (w.e.f. 1-1-2023).

^{102.} The word “specified as designated consumers” *omitted* by Act, 28 of 2010, S. 15 (w.e.f. 24-8-2010).

^{103.} *Subs.* by S.O. 9(E), dt. 3-1-2022.

^{104.} *Subs.* by S.O. 9(E), dt. 3-1-2022.

105. *Ins.* by S.O. 9(E), dt. 3-1-2022.
106. *Subs.* for "Every self-ballasted LED lamp" by S.O. 938(E), dt. 21-2-2019.
107. *Subs.* by S.O. 3631(E), dt. 9-10-2019. Prior to substitution it read as:
"(iii) meet the safety requirement as per Indian Standard 16102 (part I) with all amendments."
108. *Ins.* by S.O. 938(E), dt. 21-2-2019.
109. *Relettered* by S.O. 938(E), dt. 21-2-2019.
110. *Subs.* by S.O. 3631(E), dt. 9-10-2019.
111. *Subs.* for "1st January, 2018 to 30th June, 2020" by S.O. 2178(E), dt. 1-7-2020.
112. *Subs.* for "1st July, 2020 to 30th June, 2023" by S.O. 2178(E), dt. 1-7-2020.
113. *Subs.* for "1st January, 2018 to 30th June, 2020" by S.O. 2178(E), dt. 1-7-2020.
114. *Subs.* for "1st July, 2020 to 30th June, 2023" by S.O. 2178(E), dt. 1-7-2020.
115. *Ins.* by S.O. 938(E), dt. 21-2-2019.
116. *Subs.* by S.O. 3631(E), dt. 9-10-2019. Prior to substitution it read as:
"(4) The permission for display of particulars on self-ballasted LED lamps for 1 star specified in Table 3.1 shall not be permitted with effect from coming in to force of this notification, with a view to upgrade the minimum energy performance level of such self-ballasted LED lamps."
117. *Subs.* by S.O. 3631(E), dt. 9-10-2019. Prior to substitution it read as:
"(5) The star level plan shall be reviewed every two years."
118. *Subs.* by S.O. 938(E), dt. 21-2-2019. Prior to substitution it read as:
"(6) Every self-ballasted LED lamps shall have at least 95 per cent lumen maintenance at 1000 hours of operation."
119. *Subs.* by S.O. 938(E), dt. 21-2-2019. Prior to substitution it read as:
"(7) Every self-ballasted LED lamps at 6000 hours of operation or at 25 per cent of declared life, including the ageing period of 1000 hours, shall not have lumen maintenance less than the value indicated in the relevant lamp data sheet as specified in Clause 13.1 of Indian Standard 16102 (part 2) with all amendments and the same shall be furnished within twelve months from the date of approval on the prescribed format given in Annexure A."

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