

Overview of the Energy Conservation Law and the Related Regulations on Building

Obligation of the Building Owners under the Energy Conservation Law

Design

Construction



Renovation



For Design and Maintenance

Buildings having total floor area 300 m2 or larger

Compliance to the EC standard (guideline) specified in the EC law (2000m2 and more)

Notification of energy saving measures to the competent authority (local government)

After operation start

Submission of periodical maintenance report to the competent authority (local government)

Compliance to the EC standard (guideline) specified in the EC law (2000m2 and more)

Notification of energy saving measures to the competent authority (local government)

Implemented by Ministry of Land, Infrastructure, Transportation& Tourism (MLIT) and the Local Government

For Operation

Specified Business Operator
Classified by annual energy
consumption
1500kL or more (oil)

- > Energy management control officer is selected from executives.
- Energy management planning promoter to support energy management control officer is selected.
- Energy managers are selected for each designated energy management factory. [Plan settlement and report]
- Submission of medium and long-term plan and periodical report by each company.

Implemented by METI







The Related Regulations on Buildings (new Building Code Three factors and the Standards of the EE&C in buildings

Factors related to architectural planning, construction methods and Factors related to the materials, such as shape of the characteristics and performances building, layout of rooms, materials of the system components such and structures of parts facing as efficiency of various machines **Outdoor climate** exterior space (e.g. external walls, that constitute the building Condition roofs and windows) equipment system Equipment **Architectural** Design Design Energy Saving **Equipment efficiency** Performance Standards Standards (no more .(PAL*) Primary Energy Consumption Standard PAL: Perimeter Annual Load **Control &** Management Factors related to how to operate, control and manage the building **Evaluation Criteria** equipment system Fixed an architecture for a sustainable future (IBEC)



