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

Obligation of the Building Owners under the Energy Conservation Law

<table>
<thead>
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<th>Design</th>
<th>Construction</th>
<th>Operation</th>
<th>Renovation</th>
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<tbody>
<tr>
<td>Buildings having total floor area 300 m² or larger</td>
<td>Compliance to the EC standard (guideline) specified in the EC law (2000m² and more)</td>
<td>After operation start Submission of periodical maintenance report to the competent authority (local government)</td>
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<tr>
<td>Notification of energy saving measures to the competent authority (local government)</td>
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Implemented by Ministry of Land, Infrastructure, Transportation & Tourism (MLIT) and the Local Government

For Operation

- 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

Specified Business Operator
- Classified by annual energy consumption
- 1500kL or more (oil)
Factors related to architectural planning, construction methods and materials, such as shape of the building, layout of rooms, materials and structures of parts facing exterior space (e.g. external walls, roofs and windows)

Factors related to the characteristics and performances of the system components such as efficiency of various machines that constitute the building equipment system

Factors related to how to operate, control and manage the building equipment system

Equipment efficiency Standards (no more)

Evaluation Criteria

PAL: Perimeter Annual Load

Primary Energy Consumption Standard

Equipment Design

Outdoor climate Condition

Architectural Design

Energy Saving

Control & Management

Performance Standards (PAL*)