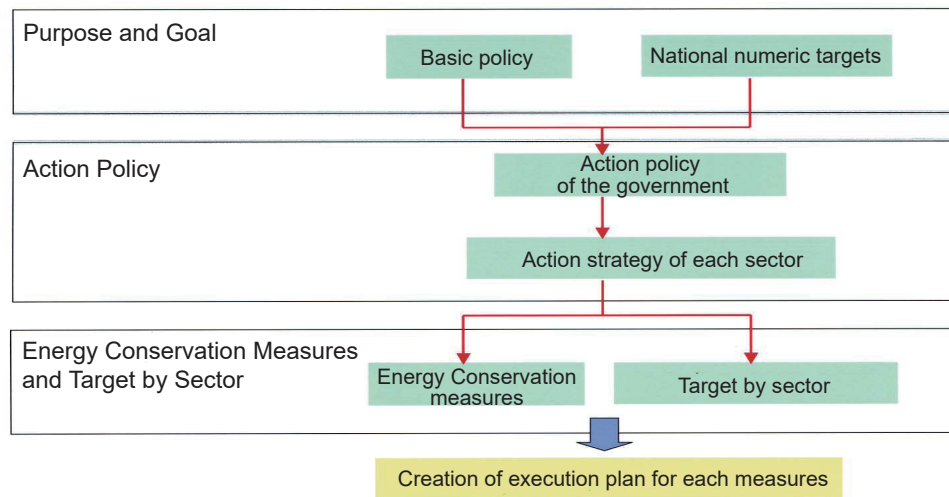


Engineering Service: Technical Support in Energy-saving Master Planning

Features

- ◆ TEPCO Power Grid, Inc. supports the creation of an energy conservation master plan. This includes a study on national numeric targets, energy conservation strategies by sector, and specific energy conservation measures to achieve them.
- ◆ TEPCO Power Grid, Inc. can also support the implementation of their specific measures depending upon their performance status in each country.
- ◆ For consensus on the proposal of each component for a master plan, thorough consultations are held in the stages of making proposals, integrating opinions, and making corrective proposals at workshops of those concerned.
- ◆ The workshops will also be effective for transferring technologies to the counterpart engineers by introducing the Japan's advanced energy conservation technologies and systems.

Configuration of master plan (example)



Basic Concept or Summary

A master plan is created through the following processes:

1. Presentations and discussions at workshops



2. Meetings with related organizations



3. Field investigation, data recording, and questionnaire survey
(Manufacturing plant, commercial/business building, residential house, mosque, etc.)



- ◆ Capable of proposing national numeric targets, energy conservation strategies by sector, and specific energy conservation measures to achieve them
- ◆ Capable of creating an implementation plan for each energy conservation measures, including the proposal for an appropriate organizational modifications to execute them
- ◆ Capable of transferring technologies to the counterpart engineers by proposing master plans and holding workshops and other events
- ◆ Capable of quantitative evaluation of CO₂ reduction by energy conservation measures
- ◆ Capable of supporting the introduction of various facilities and equipment with high efficiency

Installation in Practice or Schedule

Domestic Energy diagnostics services, heat storage outsourcing services, etc.

- Overseas**
- ◆ Project for Energy Conservation Master Plan in the Power Sector in the Sultanate of Oman (2012)
 - ◆ Introduction of The Development Study on Energy Efficiency and Conservation for the Philippines (2011-2012)
 - ◆ The Study for Introduction of Energy Management System in Energy Consumption Sectors in the Republic of Serbia (2009-2011)
 - ◆ “The Master Plan Study on Energy Conservation in the Power Sector in the Kingdom of Saudi Arabia,” (2007-2008)
 - ◆ “Potential Study on Energy Efficiency in the Commercial Section in ASEAN Countries (Thailand, Indonesia, Malaysia, and the Philippines),” (2004)
 - ◆ Thailand - Demonstrative project for the diffusion of energy conservation air conditioning systems in the replacement stage (2006)