

Development Promotion Center

The Development Promotion Center carries out the following activities in order to promote the development, introduction, and diffusion of technologies related to solar energy and regional energy sources.

Organization of a Solar Energy Committee and Regional Energy Committee and the Formulation of Policy Proposals

The Solar Energy Committee of the New Energy Industry Conference conducts research and examines the promotion of the introduction and use of solar energy. The Regional Energy Committee conducts research and examines the diffusion of new energy in various regions.

Based on the results of the work of these committees, policy proposals are formulated for the government and related organizations, as appropriate, and the committees' opinions are presented.

Promotion of the Development of New Energy (Research on Programs such as the Photovoltaic Monitoring Program)

In order to promote the sound diffusion of PV, which is one of the main sources of new energy, a survey was conducted to find out whether the actual sales of PV devices are carried out without any misunderstanding and whether the PV are properly installed. Consumers were contacted who could act as trial users from among those who had installed PV systems in their existing detached houses. Data was collected and analyzed from these consumers, and they were then provided with their data in a more easily acceptable form. It is expected that this program will contribute to the formation of a market that is based on adequate competition between the suppliers and also to the development of greater awareness of the need to ensure safe PV systems. In addition, an analysis is being conducted of the trends from the data that the NEF obtains from grant-aided projects as well as the data obtained from this program.



Photovoltaic for a house

Field Test Program on New PV Technologies

In order to achieve the target of 4.82 GW of installed capacity for the introduction of PV systems, which is expected to be a clean alternative source of energy to oil, it is necessary to expand its introduction into the industrial sector, such as installations in factories and business establishments whose potential capacity is as large as the household sector, besides their installation in public facilities.

Therefore, as a subsidized research project, the NEF is carrying out a certain part (concerning efficiency improvements) of the "Field Test Program on New PV Technologies," which is being carried out by the New Energy and Industrial Technology Development

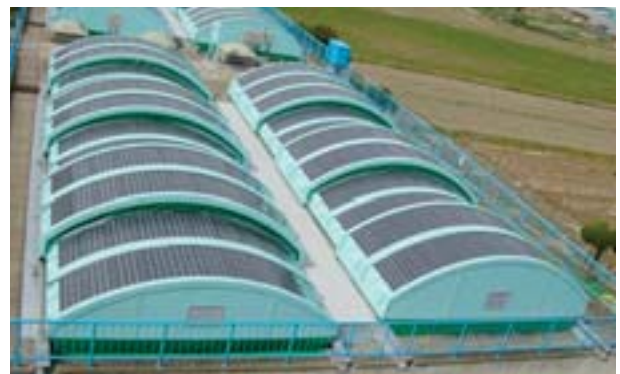
Organization. Open applications were solicited from companies for the installation of subsidized PV systems, and these are being checked for their effectiveness through the collection, analysis, assessment, and publication of various types of data obtained from the companies that undertook the installation. In this way, NEF is pioneering the promotion of PV facilities while encouraging further improvements in their performance and reductions in the costs, in preparation for promotion of the full-scale diffusion of PV in the future.



Apartment house (installed capacity: 20 kW)
New College Town Management Association Corporation (Tokyo)



Town-run elementary school (installed capacity: 30 kW)
Nogi town, Shimotsuga district (Tochigi prefecture)



Overlay for a drainage reservoir in a water purification plant (installed capacity: 40 kW)
Nagaokakyo city water and sewerage commission (Kyoto prefecture)