ESG Model Store

ESG Flagship Store: Main Building of Daimaru Shinsaibashi Store

Daimaru Matsuzakaya Department Stores strives to create eco-friendly stores to "realize a sustainable society." The main building of the Daimaru Shinsaibashi store, which is an ESG flagship store, implements various eco-friendly initiatives.

100% use of renewable energy

The main building of the Daimaru Shinsaibashi store uses renewable energy for all power needs. As a result, it achieved zero GHG emissions from electricity use for lighting, air conditioning, and equipments. Accordingly, the new main building reduced GHG emissions by approximately 7,000 t-CO_2 compared to the former main building in fiscal year 2015*. The south wing also transitioned to renewable electricity and thereby reduced GHG emissions by approximately 1,800 t-CO_2 compared to the base fiscal year 2017. In addition, the north wing, which is closed for renovation, is planned to make the transition to renewable electricity. And it is expected to reduce GHG emissions by approximately 9,200 t-CO_2 compared to fiscal year 2017.

Going forward, we will adopt 100% renewable energy initiatives in all stores of Daimaru Matsuzakaya Department Stores to increase the share of renewable energy.

* The building structure is not the same because the main building was rebuilt.

Energy saving initiatives and transition of the company fleet to EVs

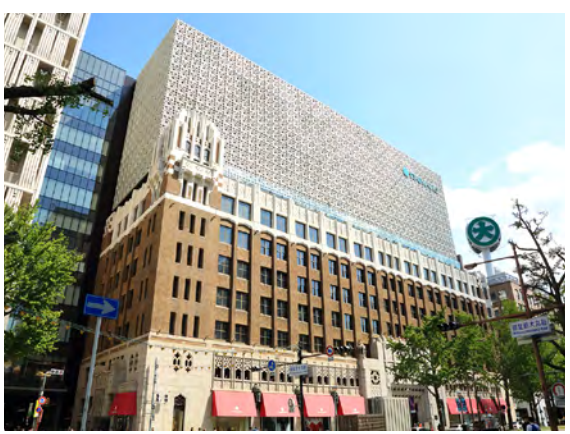
LED lighting is used throughout the main building of the Daimaru Shinsaibashi store including the back stockrooms. The 100% use of LED lighting is expected to reduce energy consumption to one-fifth compared to the fluorescent lighting used previously. We think transition to LED lighting is one of important initiatives in terms of short-term GHG emissions reduction and long-term energy saving.

70 company vehicles of the Out-of-Store Sales Division, which are managed by the Daimaru Shinsaibashi store, were replaced with EVs. This transition reduced GHG emissions by approximately 190 t-CO_2 compared to fiscal year 2017, which is the base year. Renewable electricity is also used to charge EVs.

Other initiatives to contribute to a low-carbon society

Other initiatives include efficient delivery operations through the central management of product distribution in the building and the use of green packaging materials. We actively green the terrace on the 7th floor (approximately 110 m^2), which was created when the building was rebuilt, and the rooftop space (approximately 900 m^2).

Originally designed eco bags of the Daimaru Shinsaibashi store were sold for charity for a limited time to celebrate the grand opening. Mr. Jason Brooks, an artist who illustrates for world-famous fashion magazines, drew a picture of the new Daimaru Shinsaibashi store on the eco bag. The Daimaru Shinsaibashi store donated a portion of the proceeds from its sale to the "Naniwa Art Support Fund" in December 2019.



Main building of Daimaru Shinsaibashi store

Sustainable Urban Commercial Complex: New Shibuya PARCO

Shibuya PARCO, which was rebuilt and opened in November 2019, aims to be a sustainable global shopping complex by “enlivening the surrounding area,” “reducing the environmental burden,” and “collaborating with a diversity of corporations and individuals.”

Shibuya PARCO was selected as a “Leading Sustainable Building Project (CO_2 Reduction Leader)” by the Ministry of Land, Infrastructure, Transport and Tourism in recognition of the following three points as a leading CO_2 reduction project in an urban commercial complex.

CO_2 reduction in outdoor space (elevated green walkway)

Shibuya PARCO ensures that customers walk around and stay in the facility and thereby contributes to promoting customers' health enhancement and CO_2 saving of the building by creating high quality outdoor spaces (an elevated green walkway and outdoor plazas) though it is a commercial complex located in central Tokyo.

Establishment of highly efficient energy system

We built a highly efficient energy system such as a co-generation system* to maximize CO_2 reduction.

Exhaust heat from the medium pressure co-generation system is used as a heat source. And it is also used to air condition and heat Theater until nothing is left. We will contribute to realizing smart energy management and reducing CO_2 emissions using various data and through remote management by an energy service provider and simulation of the operation of mixed heat source.

Furthermore, it provides stable energy supply at the time of disaster and functions as a building that is sustainable for 72 hours after the disaster.

* Collective term for the systems that generate and supply electricity and heat from a heat source

CO_2 reduction information hub

New Shibuya PARCO is a digital communication building that promotes CO_2 saving and health enhancement by “visualizing” various energies and external environment information using an energy management system and sensing technology for ease of understanding and providing information to customers and tenant staff using ICT communication tools.

It aims to continue effective CO_2 saving activities over the long term by building a system for promoting CO_2 saving through collaboration between the developer and energy service providers.

Eco-friendly next generation building Shibuya PARCO