# Pre-Recorded Online Course



2025 P13

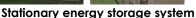
**Electrical Facilities 2** 

**Advanced Course** 

## **Energy Conservation Initiatives**









Station auxiliary power supply unit

#### **KEY POINT**

By learning an overview of various energy conservation equipment at Tokyo Metro and the process when considering such equipment, you will be able to use them as a reference when doing so.

#### **OVERVIEW**

We will introduce an overview of the various energy conservation equipment installed in Tokyo Metro, and also the sequence of events from the feasibility study to full-scale implementation of the stationary energy storage system and station auxiliary power supply unit for regenerative power equipment.

#### LECTURE CONTENTS

### 1) Introduction to energy conservation

- History of energy conservation technologies
- Status of energy consumption

#### 2) Overview of various examples of energy conservation equipment

- Regenerative power equipment
- (Stationary energy storage system, Inverter for regenerative electric power, Station auxiliary power supply unit)
- Equipment for effective use of renewable energy (Solar power generation system, etc.)
- Energy conservation equipment

### 3) Technological development of energy conservation equipment

- From feasibility study to full-scale implementation of stationary energy storage system
- From feasibility study to full-scale implementation of station auxiliary power supply unit

#### 4) Trend of energy conservation technologies

- Recent energy conservation related technological trends in the railway sector

### **KEY DETAILS**

**Application Period** May 19, 2025 - Mar 31, 2026

**Viewable Period** 1 month

Advanced Course: for those who have 3 years or more experience in the railway industry. **Targets** 

English Language

Location Online (Vimeo) **Course Duration** 1 hour 19 minutes

**Course Fee** 10,000 JPY (per 1 course) Note: Applications within Japan are subject to the tax separately.

**Payment Method** 

Certificate Attendance Certificate (digital) will be issued.

#### More Info and application



https://sites.google.com/tokyometroacademy.com/index You can apply regardless of your field.