



2025 P13	Electrical Facilities 2	Energy Conservation Initiatives
	Advanced Course	



Stationary energy storage system



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