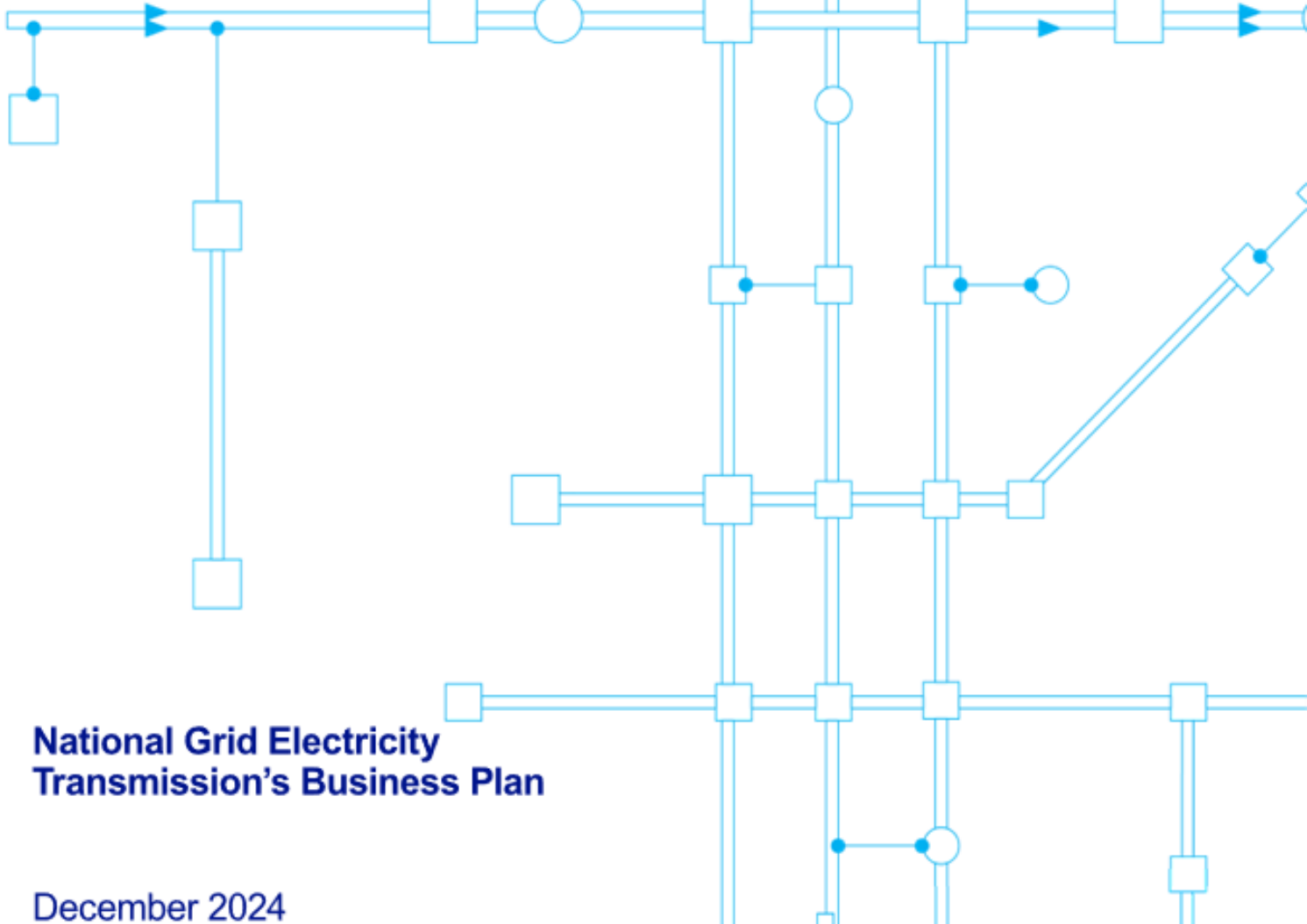


nationalgrid

R110-T3

Atypical Non-Load Non-Lead EJP
Summary

Commercial Fleet Replacement



National Grid Electricity
Transmission's Business Plan

December 2024

Commercial Fleet Replacement

Executive Summary

Background

This investment is aimed at furthering the roll-out of zero-emission vehicle (ZEV) fleets and replacing commercial vehicles that have reached the end of their operational life in accordance with NGET's replacement policy. The initiative is a part of NGET's submission for the RIIO-ET3 business plan and falls under the baseline log. This investment is critical to supporting NGET's and the UK Government's environmental and energy goals. The project will:

- Support NGET's commitment to achieving Net Zero emissions by 2030 in line with its Science Based Target.
- Ensure the purchase of all vehicles and conversions fully support NGET operations.
- Decrease CO2 emissions from the light duty fleet.
- Strengthen NGET's position as a leader in electric vehicle adoption in the UK.

Investment Drivers

The primary drivers for this investment are:

- End of Operational Life: Replacement of vehicles that have reached the end of their operational life, ensuring continuity in business operations.
- Fleet Growth: Accommodate growth in the vehicle fleet to support NGET's overall transmission projects.
- Environmental Commitments: Fulfill NGET's commitment to replace 100% of light-duty commercial fleet with ZEVs by 2030, as outlined in the Responsible Business Charter (RBC) and Environmental Action Plan (EAP).

The project will enable a reduction of approximately 1,400 tCO₂e in greenhouse gas emissions by reducing the need for around 520,000 litres of diesel across the RIIO-ET3 period.

Options

Primary options were considered to meet the investment drivers and aligns with NGET's stakeholder priorities and regulatory requirements, ensuring a significant reduction in greenhouse gas emissions and improved air quality for UK consumers

Preferred Solution

The preferred solution ensures:

- Vehicles that have reached the end of their operational life are replaced, ensuring business continuity.
- Growth in the vehicle fleet is accommodated in line with NGET forecasts.
- All sustainability and legislative targets are met, including a 100% replacement of the light duty commercial fleet with ZEVs by the end of RIIO-ET3.
- Improved air quality and a reduction in air pollution.

Timeline

The timeline for the investment spans the RIIO-ET3 period, with specific delivery targets proposed for each year.

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