North York Moors National Park Authority

Finance, Risk, Audit and Standards Committee

16 November 2026

Item 13, NPA Carbon Accounting for Financial Year 25/26

1. Purpose of the report

1.1 To update Members on the latest data (Financial Year 25/26) covering the Authority's Scope 1 and Scope 2 emissions.

2. Background

2.1 The North York Moors National Park Authority Strategy and Business Plan 2022 – 27 agreed a target for Scope 1 and 2 emissions to fall by 75% by 2027. Annual reporting of emissions to FRASC began in May 2021 in order track progress against the target.

2.2 The Defra Group Sustainability Strategy 2023-33 aims for a reduction in Scope 1 and 2 emissions of 42% across Defra group by 2033 and to develop an approach to measuring and reducing scope 3 emissions.

3. Scope 1 and 2 emissions data

3.1 Actions to reduce our carbon emissions combined with changes in Authority building usage have continued to reduce our overall emissions year-on-year. **Overall, there has been a reduction in combined net Scope 1 and 2 emissions of 20% from the 2024/25 reporting year.**

3.2 The largest decrease has come from a reduction in Scope 1 emissions from the Authority fleet that have decreased by 24%. This has been achieved through the introduction of EV fleet cars and reduced mileage.

3.3 Scope 2 emissions from electricity use in our buildings have reduced by 12.5% due to the roll out of solar panels and the installation of batteries at our visitor centres.

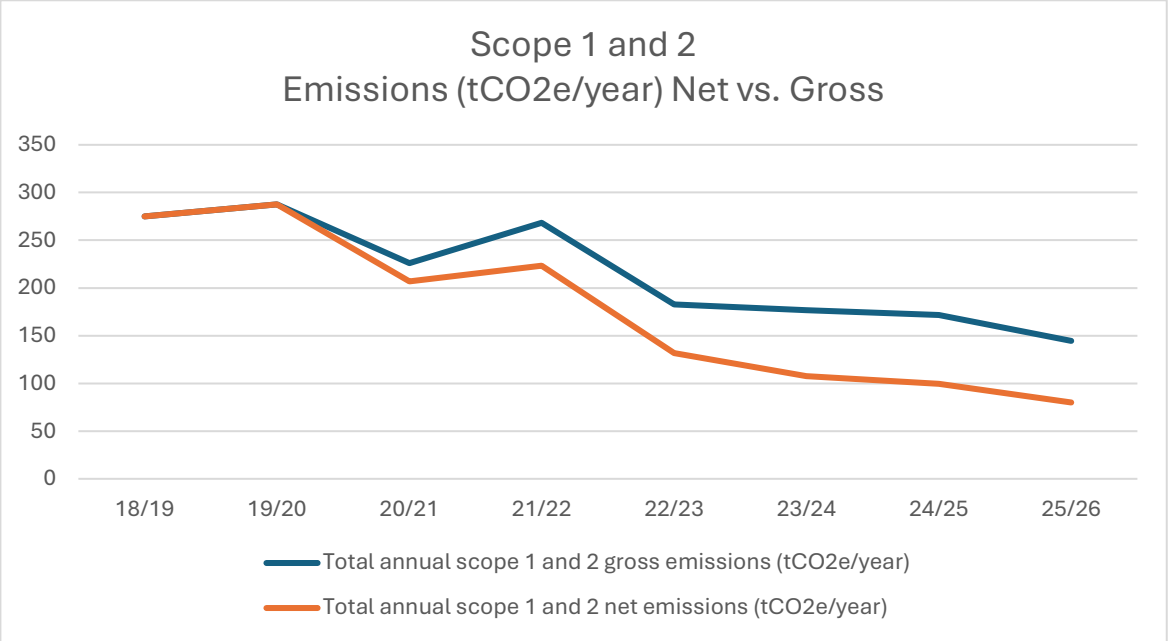
3.4 Note, Scope 2 emissions from electricity use are currently dual-reported as per guidance, meaning the Authority reports them within gross figures and subtracts them in net figures that recognise all our electricity as being purchased under green tariffs.

Table 1: Breakdowns the categories of NYMNPA Scope 1 and Scope 2 emissions.

NYMNPA Emissions tCO2e	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26
Scope 1	-	-	-	-	-	-	-	-
Natural Gas	22	23	20	30	23	20	22	21
Burning Oil - Kerosene	84	97	92	93	29	0	0	0
Authority Fleet	93	92	59	101	80	88	78	59

NYMNPA Emissions tCO2e	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26
Total Scope 1	199	212	172	224	131	108	100	80
Scope 2	-	-	-	-	-	-	-	-
Electricity - Building Use	76	76	54	45	51	69	72	65
Total Scope 2	76	76	54	45	51	69	72	65
Total annual scope 1 and 2 gross emissions (tCO2e/year)	275	288	226	268	183	177	172	145
Purchased Green Tariff	0	0	19	45	51	69	72	65
Total annual scope 1 and 2 net emissions (tCO2e/year)	**275**	**288**	**207**	**223**	**132**	**108**	**100**	**80**

Graph 1: Shows the NYMNPA Scope 1 and 2 emissions, the continuing divergence of gross and net total reflects the increasing use of electricity in the Authority's operations.



3.5 The emissions data behind this report will voluntarily be supplied to the York and North Yorkshire Combined Authority and the Defra Sustainability teams respectively as part of their wider emissions data gathering work.

4 NPA Decarbonisation Plan

4.1 The following progress has been made against the Authority's Decarbonisation Plan 2023-2030.

4.2 An additional 19kw capacity of solar panels and batteries has been installed at Sutton Bank. 35kWp of rooftop solar panels and batteries have been installed at Danby Lodge.

4.3 Rooftop solar PV installations and solar-powered immersion heaters have been installed at 6 NPA-operated toilet facilities: Hutton le Hole, Newton-under Roseberry, Goathland, Low Mill, Chopgate and Ravenscar.

4.4 The impact in terms of emissions reductions for these installations will be apparent in net year's emissions figures (26-27).

5. Financial and staffing implications

5.1 The installation of solar panels and battery storage, alongside other energy saving measures, has resulted in an overall reduction in the Authority's electric use. This is despite the electrification of most of the Authority heating and hot water sources, that taken alone has increased our electricity usage.

5.2 This has reduced ongoing energy costs alongside decarbonising our operations. Similarly, mileage costs from operating the pool vehicles will have reduced with an increasing proportion of our annual mileage being covered by the EV fleet. In 2025/26 61,940 miles were covered by EV vehicles averaging 6-7.5p per mile in electric costs vs 13-15p miles in diesel costs (saving roughly £4,800 to £5,500).

6. Contribution to National Park Management Plan

6.1 The work contained in this report directly contributes to The North York Moors National Park Authority Strategy and Business Plan 2022 – 27 Objective 3: Ensure our working environment and systems are efficient and minimize our negative impact on the environment, delivery actions:

- NPA net Scope 1 and 2 emissions to fall by 75% by 2027.
- Deliver a costed programme of works for Sutton Bank and Danby Lodge National Park Centres to reach net zero.

7. Legal and sustainability implications

7.1 The 25/26 data represent a 64% reduction in Scope 1 and 2 emissions from the 21/22 baseline is currently forecast under actions currently identified within the Authority's Decarbonisation Plan 2023-2030. If the Authority maintains or reduces is current fleet emission the interim Business Plan target of a 75% reduction in Scope 1 and 2 emissions by 2027 is achievable (current forecast 73.5%). A substantial part of this reduction will come from the move to the new HQ which will remove the Scope 1 emissions related to the gas boiler at the Old Vicarage.

7.2 The Authority's operational net zero target date of 2030 is still on track but heavily dependent on the replacement the remaining fleet with EV vehicles.

8. Recommendation

8.1 That Members note the work done to establish accurate carbon reporting for Authority emissions and identify methods to reduce Authority emissions.

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