Australian Government
Department of Social Services

# Amended Greenhouse Gas Emissions Inventories (July 2026)

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# 2024-25 Amended greenhouse gas emissions inventories

The greenhouse gas emissions inventory and electricity greenhouse gas emissions tables present greenhouse gas emissions over the 2024-25 financial year. The greenhouse gas emissions reported are calculated on the basis of tonnes of carbon dioxide equivalent (t $CO_2$-e) and in line with the Emissions Reporting Framework. This is consistent with a whole-of-government approach outlined in the Net Zero in Government Operations Strategy and Commonwealth Climate Disclosure requirements.

## 2024–25 Amended greenhouse gas emissions inventory – location-based method

| Emission source | Scope 1 t $CO_2$-e | Scope 2 t $CO_2$-e | Scope 3 t $CO_2$-e | Total t $CO_2$-e |
|---|---|---|---|---|
| **Electricity (location-based approach)** | n/a | 1,374.13 | 100.75 | 1,474.88 |
| **Natural gas** | 0.00 | n/a | 0.00 | - |
| **Solid waste** | 0.00 | n/a | 156.52 | 156.52 |
| **Refrigerants** | 0.00 | n/a | n/a | - |
| **Fleet and other vehicles** | 15.53 | n/a | 3.84 | 19.37 |
| **Domestic commercial flights** | 0.00 | n/a | 1,096.50 | 1,096.50 |
| **Domestic hire car** | n/a | n/a | 20.92 | 20.92 |
| **Domestic travel accommodation** | n/a | n/a | 378.71 | 378.71 |
| **Other energy** | 0.00 | n/a | 0.00 | - |
| **Total t $CO_2$-e** | **15.53** | **1,374.13** | **1,757.24** | **3,146.90** |

**Note**: The table above presents emissions related to electricity usage using the location-based accounting method. t $CO_2$-e = tonnes of carbon dioxide equivalent.

## 2024-25 Amended electricity greenhouse gas emissions

| Emission source | Scope 2 t $CO_2$-e | Scope 3 t $CO_2$-e | Total t $CO_2$-e | Electricity kWh |
|---|---|---|---|---|
| **Location-based electricity emissions** | 1,374.13 | 100.75 | 1,474.88 | 2,179,538.92 |
| **Market-based electricity emissions** | 248.89 | 33.80 | 282.69 | 307,264.13 |
| **Total renewable electricity consumed** | **n/a** | **n/a** | **n/a** | **1,872,274.80** |
| **Renewable Power Percentage** [1] | n/a | n/a | n/a | 396,567.11 |
| **Jurisdictional Renewable Power Percentage** [2, 3] | n/a | n/a | n/a | 1,262,818.16 |
| **GreenPower** [2] | n/a | n/a | n/a | 212,889.53 |
| **Large-scale generation certificates** [2] | n/a | n/a | n/a | - |
| **Behind the meter solar** [4] | n/a | n/a | n/a | |

**Note:** The table above presents emissions related to electricity usage using both the location-based and the market-based accounting methods.

t $CO_2$-e = tonnes of carbon dioxide equivalent. Electricity usage is measured in kilowatt hours (kWh).

1. Listed as mandatory renewables in 2023-24 annual reports. The renewable power percentage accounts for the portion of electricity used, from the grid, that falls within the renewable energy target.
2. Listed as voluntary renewables in 2023-24 annual reports.
3. The Australian Capital Territory is currently the only state with a jurisdictional renewable power percentage.
4. Reporting behind the meter solar consumption and/or production is optional. The quality of data is expected to improve over time as emissions reporting matures.

## 2024-25 Emissions reporting caveats

The following caveats are intended to support annual report users to understand the department's emissions reporting:

- Not all data sources were available at the time of the report, and amendments to data may be required in future reports.
- Amended greenhouse gas emissions inventories from previous annual reports can be found on the department's website. Enhancements to the amendments reporting process are being investigated for future reporting years.
- Reporting on refrigerants is being phased in over time as emissions reporting matures and is optional for the department in 2024-25 emissions reporting. See the Emissions Reporting Framework for more details.
- On 13 May 2025, the Department of the Prime Minister and Cabinet released Administrative Arrangement Orders (AAOs) regarding Machinery of Government changes that affects the department. Under the AAOs, housing, rental and homelessness functions have been transferred to the Department of the Treasury, and disability functions (except Disability Employment Services) have been transferred to the Department of Health, Disability and Ageing (DHDA). These changes have not yet been reflected in this version of the emissions inventory tables.
- A portion of Domestic, Family and Sexual Violence Commission, Department of Employment and Workplace Relations (DEWR), DHDA, NDIS Quality and Safeguards Commission, Aged Care Quality and Safety Commission, Fair Work Ombudsman, Department of the Treasury and National Commission for Aboriginal and Torres Strait Islander Children and Young People, and the Northern Territory Government's property-related activity data was unable to be separated from the department's data and has been included in the department's annual report.
- A portion of the department's electricity data was unable to be separated from Services Australia, NDIA, DEWR, and National Indigenous Australians Agency property-related activity data and has been included in their annual reports.
- A portion of natural gas, electricity, renewables, stationary fuels, solid waste and refrigerants data was unable to be separated from landlord data and has not been included.
- Where the electricity and solid waste billing periods do not align with the end of the financial year, a daily average was used to determine the emissions for the financial year.
- A portion of waste data was estimated based on industry average.
- Due to the billing cycles not aligning with the end of the financial year, some electricity data was not available during the initial collection process in July-August 2025. Adjustments to the data may be required in future reports.
- Emissions from electricity consumed by electric and plug-in hybrid vehicles has only been reported for electricity directly purchased by the department. Emissions associated with electricity consumption from public charging stations have not been reported for 2024-25.
- Emissions from hire cars for 2024-25 have been sourced from a third party and may be incomplete due to a lack of robust data. The quality of data is expected to improve over time as emissions reporting matures.

## 2023-24 Amended greenhouse gas emissions inventories

The greenhouse gas emissions inventory presents greenhouse gas emissions over the 2023-24 period. Results are presented on the basis of tonnes of carbon dioxide equivalent (t $CO_2$-e) emissions. Greenhouse gas emissions have been calculated in line with the APS Emissions Reporting Framework, consistent with the whole-of-Australian Government approach as part of the APS Net Zero 2030 policy. Not all data sources were available at the time of the report and amendments to data may be required in future reports. Reporting on refrigerants is optional for 2023-24 and will be phased in over time as emissions reporting matures. The department has not opted to report on refrigerants.

The greenhouse gas emissions inventory was reported in the Department of Social Services 2023-24 annual report. Amendments made to 2023-24 emissions data can be found below.

## 2023-24 Amended greenhouse gas emissions inventory – location-based method

| Emission source | Scope 1 t $CO_2$-e | Scope 2 t $CO_2$-e | Scope 3 t $CO_2$-e | Total t $CO_2$-e |
|---|---|---|---|---|
| **Electricity (location-based approach)** | n/a | 1,347.37 | 113.75 | 1,461.12 |
| **Natural gas** | 0.00 | n/a | 0.00 | - |
| **Solid waste*** | n/a | n/a | 76.88 | 76.88 |
| **Refrigerants*†** | 0.00 | n/a | n/a | - |
| **Fleet and other vehicles** | 19.18 | n/a | 4.78 | 23.96 |
| **Domestic commercial flights** | 0.00 | n/a | 1,057.00 | 1,057.00 |
| **Domestic hire car*** | n/a | n/a | 15.85 | 15.85 |
| **Domestic travel accommodation*** | n/a | n/a | 522.04 | 522.04 |
| **Other energy** | 0.00 | n/a | 0.00 | - |
| **Total t $CO_2$-e** | **19.18** | **1,347.37** | **1,790.30** | **3,156.85** |

**Note**: The table above presents emissions related to electricity usage using the location-based accounting method. t $CO_2$-e = tonnes of carbon dioxide equivalent. n/a = not applicable. n/e = not estimated

* Indicates emission sources collected for the first time in 2023-24. The quality of data is expected to improve over time as emissions reporting matures.

† Indicates optional emission source for 2023-24 emissions reporting.

A portion of emissions from the Northern Territory Government's operations are included in the emissions reporting of the Department of Social Services (DSS).

A portion of Domestic, Family and Sexual Violence Commission, Department of Employment and Workplace Relations, NDIS Quality and Safeguards Commission, Aged Care Quality and Safety Commission and Fair Work Ombudsman's electricity data was unable to be separated from DSS' data and has been included in DSS' annual report.

A portion of natural gas, electricity, renewables, stationary fuels, solid waste and refrigerants data was unable to be separated from Landlord data and has not been included.

Where the electricity and solid waste billing periods do not align with the end of the financial year, a daily average was used to determine the emissions for the financial year.

A portion of waste data was estimated based on industry average.

Due to the billing cycles not aligning with the end of the financial year, some electricity data was not available during the initial collection process in July-August 2024. Adjustments to the data may be required in future reports.

Emissions from electricity consumed by electric and plug-in hybrid vehicles has only been reported for electricity directly purchased by DSS. Emissions associated with electricity consumption from public charging stations has not been reported for 2023-24.

Emissions from hire cars for 2023-24 have been sourced from a third party and may be incomplete due to a lack of robust data. The quality of data is expected to improve over time as emissions reporting matures.

## 2023-24 Amended electricity greenhouse gas emissions

| Emission source | Scope 2 t $CO_2$-e | Scope 3 t $CO_2$-e | Total t $CO_2$-e | Electricity kWh |
|---|---|---|---|---|
| **Electricity (location-based approach)** | 1,347.37 | 113.75 | 1,461.12 | 2,103,749.65 |
| **Market-based electricity emissions** | 425.50 | 52.54 | 478.04 | 525,300.42 |
| **Total renewable electricity consumed** | **n/a** | **n/a** | **n/a** | **1,578,449.24** |
| **Renewable Power Percentage** [1] | n/a | n/a | n/a | 393,821.94 |
| **Jurisdictional Renewable Power Percentage** [2, 3] | n/a | n/a | n/a | 1,184,627.30 |
| **GreenPower** [2] | n/a | n/a | n/a | - |
| **Large-scale generation certificates** [2] | n/a | n/a | n/a | - |
| **Behind the meter solar** [4] | n/a | n/a | n/a | |

**Note:** The table above presents emissions related to electricity usage using both the location-based and the market-based accounting methods. t $CO_2$-e = tonnes of carbon dioxide equivalent. Electricity usage is measured in kilowatt hours (kWh).

1 Listed as Mandatory renewables in 2023-24 annual reports. The renewable power percentage accounts for the portion of electricity used, from the grid, that falls within the Renewable Energy Target.

2 Listed as Voluntary renewables in 2023-24 annual reports.

3 The Australian Capital Territory is currently the only state with a jurisdictional renewable power percentage.

4 Reporting behind the meter solar consumption and/or production is optional. The quality of data is expected to improve over time as emissions reporting matures.

# 2022-23 Amended greenhouse gas emissions inventories

The greenhouse gas emissions inventory presents greenhouse gas emissions over the 2022-23 period. Results are presented on the basis of tonnes of carbon dioxide equivalent (t $CO_2$-e) emissions. Greenhouse gas emissions reporting has been developed with methodology that is consistent with the whole-of-government approach as part of the APS Net Zero 2030 policy. Not all data sources were available at the time of the report and adjustments to baseline data may be required in future reports.

The greenhouse gas emissions inventory was reported in the Department of Social Services 2022-23 annual report. Amendments made to 2022-23 emissions data can be found below.

## 2022-23 Amended greenhouse gas emissions inventory – location-based method

Greenhouse gas emissions reporting has been developed with methodology that is consistent with the whole-of-government approach as part of the APS Net Zero 2030 policy.

| Emission source | Scope 1 t $CO_2$-e | Scope 2 t $CO_2$-e | Scope 3 t $CO_2$-e | Electricity kWh |
|---|---|---|---|---|
| **Electricity (location-based approach)** | n/a | 1,474.25 | 133.26 | 1,607.51 |
| **Natural gas** | 0.00 | n/a | 0.00 | - |
| **Solid waste*** | n/a | n/a | n/e | - |
| **Refrigerants*** | n/e | n/a | n/a | - |
| **Fleet and other vehicles** | 18.80 | n/a | 4.70 | 23.50 |
| **Domestic commercial flights** | 0.00 | n/a | 1,122.75 | 1,122.75 |
| **Domestic hire car*** | n/a | n/a | n/e | - |
| **Domestic travel accommodation*** | n/a | n/a | n/e | - |
| **Other energy** | 0.00 | n/a | 0.00 | - |
| **Total t $CO_2$-e** | **18.80** | **1,474.25** | **1,260.71** | **2,753.76** |

**Note:** the table above presents emissions related to electricity usage using the location-based accounting method. t $CO_2$-e = tonnes of carbon dioxide equivalent. n/a = not applicable. n/e = not estimated.
*Indicates emission sources not collected in 2022-23.
A portion of emissions from the Northern Territory Government's operations are included in the emissions reporting of Department of Social Services (DSS).
A portion of Domestic, Family and Sexual Violence Commission, Department of Employment and Workplace Relations, NDIS Quality and Safeguards Commission, Aged Care Quality and Safety Commission and Fair Work Ombudsman and Services Australia's electricity data was unable to be separated from DSS' data and has been included in DSS' annual report.
A portion of DSS' electricity data was unable to be separated from National Indigenous Australians Agency, Department of Education, Skills and Employment, National Disability Insurance Agency and Services Australia's data and has been included in the respective entities' annual reports.
A portion of natural gas, electricity and other energy data was unable to be separated from Landlord data and has not been included.
Where the electricity billing periods do not align with the end of the financial year, a daily average was used to determine the emissions for the financial year.
Due to the billing cycles not aligning with the end of the financial year, some electricity data was not available during the initial collection process in July-August 2023. Adjustments to the data may be required in future reports.
Not all data sources were available at the time of the report and amendments to data may be required in future reports. The quality of data is expected to improve over time as emissions reporting matures.

### 2022-23 Amended electricity greenhouse gas emissions

The electricity emissions reported above are calculated using the location-based approach. When applying the market-based method, which accounts for activities such as GreenPower, purchased large-scale generation certificates and/or being located in the ACT, the total emissions for electricity, are below:

| Emission source | Scope 2 t $CO_2$-e | Scope 3 t $CO_2$-e | Total t $CO_2$-e | Electricity kWh |
|---|---|---|---|---|
| **Electricity (location-based approach)** | 1,474.25 | 133.26 | 1,607.51 | 2,150,121.45 |
| **Market-based electricity emissions** | 455.12 | 53.23 | 508.35 | 532,300.01 |
| **Total renewable electricity consumed** | **n/a** | **n/a** | **n/a** | **1,617,821.46** |
| **Renewable Power Percentage** [1] | n/a | n/a | n/a | 404,222.84 |
| **Jurisdictional Renewable Power Percentage** [2, 3] | n/a | n/a | n/a | 1,213,598.62 |
| **GreenPower** [2] | n/a | n/a | n/a | - |
| **Large-scale generation certificates** [2] | n/a | n/a | n/a | - |
| **Behind the meter solar** [4] | n/a | n/a | n/a | |

**Note:** The table above presents emissions related to electricity usage using both the location-based and the market-based accounting methods. t $CO_2$-e = tonnes of carbon dioxide equivalent. Electricity usage is measured in kilowatt hours (kWh).

1 Listed as Mandatory renewables in 2023-24 annual reports. The renewable power percentage accounts for the portion of electricity used, from the grid, that falls within the Renewable Energy Target.

2 Listed as Voluntary renewables in 2023-24 annual reports.

3 The Australian Capital Territory is currently the only state with a jurisdictional renewable power percentage.

4 Reporting behind the meter solar consumption and/or production is optional. The quality of data is expected to improve over time as emissions reporting matures.