

Generated Report for your Analysis

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(Generated Report for your Analysis: This report gives a glimpse of what happened in the backend after you asked your query to the demo tool. The questions below are the broken-down queries that Manager Agent created from your original query. And the answers are that the generated response by the Worker Agent after he retrieved the data from the vector database. The Director Agent collects this report and then responds to your original query, which is added as summary at the end of this report.)

1. Does Gillette India Limited disclose emission intensity metrics (e.g., emissions per unit of turnover or production)?

Gillette India Limited does disclose emission intensity metrics in its sustainability reporting. Below are the key points based on the provided information:

Greenhouse Gas (GHG) Emissions Intensity

• Scope 1 and Scope 2 Emissions:

- Total Scope 1 emissions for FY 2023-24: **562 metric tonnes of CO2 equivalent** (up from 370 metric tonnes in FY 2022-23).
- Total Scope 2 emissions for FY 2023-24 (gross): **14,978 metric tonnes of CO2 equivalent** (up from 13,798 metric tonnes in FY 2022-23).

• Emission Intensity per Rupee of Turnover:

- Emissions per rupee of turnover: **0.06 MT of CO2 equivalent per ` Lakhs** for both FY 2023-24 and FY 2022-23.
- Emissions intensity adjusted for Purchasing Power Parity (PPP): **0.01 MT per ` Lakhs** in FY 2023-24, compared to **0.02 MT per ` Lakhs** in FY 2022-23.

Qualitative Notes

- The company emphasizes that its diverse product mix makes it **unable to measure emissions intensity against physical output** (e.g., emissions per unit of production).
- It reports **market-based Scope 2 Net GHG emissions as NIL**, due to the application of Renewable Energy Certificates.

Other Relevant Information:

- Gillette India contributes to Procter & Gamble's (P&G;) broader ambition to reduce GHG emissions across operations globally.
- No independent assessment or external assurance of these metrics has been conducted.

Conclusion:

Gillette India Limited provides quantitative emission intensity metrics based on turnover but does not disclose metrics such as emissions per unit of physical production due to the diversity in its product mix.

2. What are the decarbonization initiatives or renewable energy projects reported by BF Utilities Limited?

Based on the provided information, BF Utilities Limited has not explicitly reported any specific decarbonization initiatives or renewable energy projects in the shared data. However, the following details are relevant regarding energy consumption and environmental efforts:

Energy Consumption:

- **Renewable Energy Consumption:** The company has not reported any energy consumption from renewable sources for the financial years 2023-24 and 2022-23 (Total electricity, fuel, and other sources consumption from renewable energy are marked as "Nil").
- **Non-Renewable Energy Consumption:**
- **2023-24:**
 - Total electricity consumption: **75,271 GJ**
 - Total fuel consumption: **9,165 GJ**
 - Total energy consumption from non-renewable sources: **84,436 GJ**
- **2022-23:**
 - Total electricity consumption: **71,712 GJ**
 - Total fuel consumption: **5,350 GJ**
 - Total energy consumption from non-renewable sources: **77,062 GJ**
- **Energy Intensity:**
 - Energy intensity per rupee of turnover (GJ/ Lakhs): **0.32** (2023-24) and **0.31** (2022-23).
 - Energy intensity per rupee of turnover adjusted for Purchasing Power Parity (PPP): **0.08** (2023-24) and **0.09** (2022-23).

Greenhouse Gas (GHG) Emissions:

- **Scope 2 Market-Based Net GHG Emissions:** The company reports **Net GHG emissions as NIL**, including the application of Renewable Energy Certificates.

Renewable Energy Commitment:

- The company states its commitment to leveraging renewable sources of energy in its operations, as part of its continuous efforts to reduce its environmental footprint. However, specific projects or initiatives are not detailed.

Performance, Achieve and Trade (PAT) Scheme:

- The company does not fall under the category of industries mandated under the PAT scheme and hence does not have targets or projects related to this scheme.

Summary:

While BF Utilities Limited indicates a commitment to reducing its environmental footprint and leveraging renewable energy, the provided data does not include specific renewable energy projects or detailed decarbonization initiatives. Quantitative data on renewable energy consumption is absent, and no capital expenditure has been reported on energy-efficient equipment during the financial year.

3. What are the decarbonization initiatives or renewable energy projects reported by Gillette India Limited?

Based on the provided information, here is a summary of decarbonization initiatives or renewable energy projects reported by Gillette India Limited:

Decarbonization Initiatives and Renewable Energy Projects:

1. Scope 2 Net Greenhouse Gas (GHG) Emissions:

- Gillette India Limited reported **NIL Scope 2 Net GHG emissions** for the fiscal year. This includes the application of **Renewable Energy Certificates**, suggesting that the company has taken steps to offset its emissions or utilize renewable energy sources indirectly.

2. Efforts to Reduce GHG Emissions:

- The company contributes to Procter & Gamble's (P&G's) global ambition to reduce GHG emissions across its operations. Although specific details of projects or initiatives within Gillette India Limited are not provided, this indicates a commitment to decarbonization as part of its parent company's sustainability goals.

3. Energy Consumption Breakdown:

- **Energy from Renewable Sources:** The company did not report any energy consumption from renewable sources for the fiscal years 2023-24 and 2022-23. This indicates that direct renewable energy projects or usage may not currently be implemented at the entity level.
- **Energy from Non-Renewable Sources:**
 - Total electricity consumption: **75,271 GJ (2023-24)** and **71,712 GJ (2022-23)**.
 - Total fuel consumption: **9,165 GJ (2023-24)** and **5,350 GJ (2022-23)**.
 - Total energy consumption from non-renewable sources: **84,436 GJ (2023-24)** and **77,062 GJ (2022-23)**.

4. Performance, Achieve, and Trade (PAT) Scheme:

- Gillette India Limited does not fall under the category of industries mandated by the PAT scheme, which is aimed at improving energy efficiency and reducing emissions.

Observations:

- While Gillette India Limited has made efforts in contributing to P&G's GHG reduction goals and reports zero Scope 2 Net GHG emissions, there is no evidence of direct renewable energy projects or significant decarbonization initiatives reported at the entity level.
- Energy consumption from renewable sources is reported as **zero**, indicating that renewable energy usage or projects are not currently part of its standalone operations.

Recommendations for Future Reporting:

- Gillette India Limited may consider implementing and reporting on direct renewable energy projects (e.g., solar or wind installations at its manufacturing plants in Bhiwadi and Baddi).
- Greater transparency and detail on specific decarbonization initiatives aligned with P&G's global goals could strengthen its sustainability disclosure.

4. Has BF Utilities Limited provided independent assurance or third-party verification for its carbon emissions disclosures?

Based on the provided information, BF Utilities Limited has not conducted independent assurance or third-party verification for its carbon emissions disclosures. Here are the relevant details:

• Independent Assessment/Evaluation/Assurance:

- The provided data explicitly states "Indicate if any independent assessment/evaluation/assurance has been carried out by an external agency? (Y/N) If yes, name of the external agency - N."
- This indicates that no independent assurance or third-party verification has been carried out for

their carbon emissions disclosures.

- **Scope of Emissions Reporting:**

- The company reports its greenhouse gas (GHG) emissions (Scope 1 and Scope 2).
- **Total Scope 1 emissions (2023-24):** 562 metric tonnes of CO2 equivalent.
- **Total Scope 2 emissions (2023-24):** 14,978 metric tonnes of CO2 equivalent.
- **Total Scope 1 and Scope 2 emissions per rupee of turnover:** 0.06 MT per ■ Lakhs (unchanged from the previous year).
- **Market-based Scope 2 Net GHG emissions:** NIL, including application of Renewable Energy Certificates.

- **Verification Status:**

- Despite reporting detailed emissions data, the company does not provide evidence of independent verification or assurance by an external agency for these disclosures.

This lack of third-party verification is noteworthy, especially when considering the credibility and reliability of sustainability reporting.

5. Has Gillette India Limited provided independent assurance or third-party verification for its carbon emissions disclosures?

Based on the provided information, Gillette India Limited has not obtained independent assurance or third-party verification for its carbon emissions disclosures. Below are the relevant details:

- **Assurance Provider:** The company explicitly states that no assurance provider is applicable for its disclosures, including carbon emissions.
- **Type of Assurance:** The type of assurance obtained is marked as "Not applicable."
- **Independent Assessment:** The annual report clearly notes that no independent assessment, evaluation, or assurance has been carried out by an external agency regarding energy consumption, carbon emissions, or related environmental disclosures.

Therefore, it can be concluded that Gillette India Limited has not provided independent assurance or third-party verification for its carbon emissions disclosures in the reporting period of 2023-24.

6. Are there any materiality assessments or stakeholder engagement efforts related to carbon emissions for BF Utilities Limited?

Based on the information provided, the following points can be summarized regarding BF Utilities Limited's materiality assessments or stakeholder engagement efforts related to carbon emissions:

Materiality Assessments:

- **Independent Assessment/Evaluation:** No independent assessment or evaluation related to carbon emissions has been carried out by an external agency. This is explicitly stated as "No" in the relevant information chunks.

Stakeholder Engagement Efforts:

- While there is no direct mention of stakeholder engagement specifically focused on carbon

emissions, the company does seem to have initiatives and projects related to reducing greenhouse gas (GHG) emissions:

- **GHG Emissions Reduction Projects:** BF Utilities Limited contributes to Procter & Gamble's (P&G;) ambition to reduce GHG emissions across operations. The company commits to continuing its efforts toward this goal.

Carbon Emissions Information:

- **Scope 2 Net GHG Emissions:** The company reports that its market-based Scope 2 net GHG emissions are NIL, including the application of Renewable Energy Certificates.
- **Carbon Footprint Reduction Efforts:** Within its operations, the company strives to grow responsibly and continuously improve its efficiency while reducing its carbon footprint.

Additional Environmental Practices:

- The company has adopted practices such as zero-manufacturing-waste-to-landfill at its Bhiwadi and Baddi plants, indicating broader environmental responsibility. However, this does not specifically focus on carbon emissions.

Conclusion:

- There is no explicit mention of formal materiality assessments or structured stakeholder engagement efforts solely focused on carbon emissions.
- However, the company is actively involved in reducing GHG emissions and improving carbon efficiency in its operations. It aligns itself with P&G's broader sustainability goals, which could be seen as indirect stakeholder engagement in the context of carbon emissions reduction.

If you need further clarification or additional insights, feel free to ask!

7. Are there any materiality assessments or stakeholder engagement efforts related to carbon emissions for Gillette India Limited?

Based on the information provided, there are no explicit materiality assessments or specific stakeholder engagement efforts related to carbon emissions for Gillette India Limited mentioned. However, some related data and initiatives are noted that contribute to their overall environmental management efforts:

Materiality Assessments:

- **Independent External Agency:** No independent assessment/evaluation/assurance related to environmental impact, including carbon emissions, was carried out by an external agency (as explicitly stated in the report).

Efforts Related to Carbon Emissions:

1. Scope 2 Net GHG Emissions:

- The Company's market-based Scope 2 net GHG emissions is reported as **NIL**, including the application of Renewable Energy Certificates. This indicates a focus on renewable energy use and a reduction in indirect emissions from purchased electricity.

2. GHG Reduction Projects:

- The Company contributes to Procter & Gamble's (P&G's) global ambition to reduce greenhouse gas (GHG) emissions across its operations. Gillette India Limited strives to align with this ambition, although specific projects or stakeholder engagement mechanisms are not detailed.

3. Carbon Footprint Reduction:

- Operations at Bhiwadi and Baddi plants are **zero-manufacturing-waste-to-landfill sites**, demonstrating efforts to reduce environmental impact, including carbon footprint.

4. Continuous Improvement:

- Gillette India Limited emphasizes growing responsibly and improving operational efficiency to reduce its carbon footprint.

Stakeholder Engagement:

- There is no direct mention of specific stakeholder engagement efforts targeting carbon emissions. However, broader engagement may occur as part of P&G's sustainability goals and compliance with environmental regulations, such as Extended Producer Responsibility (EPR) guidelines for plastic packaging waste collection.

Environmental Impact Assessments:

- **Projects Undertaken:** No specific environmental impact assessments related to carbon emissions or ecological sensitivity were reported for Gillette India Limited. The company notes that it does not operate in or near ecologically sensitive areas requiring environmental approvals/clearances.

Summary:

While Gillette India Limited actively reduces GHG emissions and operates zero-waste-to-landfill sites, there are no explicit materiality assessments or formal stakeholder engagement processes directly linked to carbon emissions. Their efforts are aligned with P&G's global sustainability goals.

8. What are the carbon emissions (Scope 1, Scope 2, and Scope 3) for Hindustan Petroleum Corporation Limited (HPCL) as per XBRL datasheets, BRSR reports, or sustainability reports?

Based on the provided information, here are the carbon emissions details for Hindustan Petroleum Corporation Limited (HPCL) as per relevant reports:

Scope 1 Emissions

- **2023-24:**
 - Total Scope 1 emissions: **22.00 MMTCO₂e** (Break-up: CO₂: 21.69 MMTCO₂e, CH₄: 0.10 MMTCO₂e, N₂O: 0.21 MMTCO₂e)
- **2022-23:**
 - Total Scope 1 emissions: **20.21 MMTCO₂e** (Break-up: CO₂: 19.91 MMTCO₂e, CH₄: 0.10 MMTCO₂e, N₂O: 0.20 MMTCO₂e)

Scope 2 Emissions

- **2023-24: 0.76 MMTCO₂e**
- **2022-23: 0.63 MMTCO₂e**

Scope 3 Emissions

- **2023-24:**
 - Total Scope 3 emissions: **324.81 Metric Tonnes of CO₂ equivalent** (Pertains to the use of sold products in Category 11 of Greenhouse Gas Protocol)

- **2022-23:**
- Total Scope 3 emissions: **277 Metric Tonnes of CO2 equivalent**

Emission Intensity

1. **Scope 1 and Scope 2 Emission Intensity per Rupee of Turnover:**
 - **2023-24:** 26.27 MMTCO₂e / Rs Crore
 - **2022-23:** 22.29 MMTCO₂e / Rs Crore
2. **Scope 1 and Scope 2 Emission Intensity per Rupee of Turnover Adjusted for PPP:**
 - **2023-24:** 6.37 tCO₂e / Rs Crore
 - **2022-23:** 5.60 tCO₂e / Rs Crore
3. **Scope 1 and Scope 2 Emission Intensity in Terms of Physical Output:**
 - **2023-24:** 0.311 MTCO₂e / MT of crude throughput
 - **2022-23:** 0.288 MTCO₂e / MT of crude throughput

Assurance

- Independent assessment/evaluation/assurance for the above emissions data was conducted by **TUV India Private Limited.**

Additional Notes

- The emission factors used for calculating Scope 1 emissions in 2023-24 were updated based on the latest available factors from **IPCC, DEFRA, and US EPA.**

This comprehensive data illustrates HPCL's carbon emissions across Scope 1, Scope 2, and Scope 3 categories and their respective intensities for the financial years 2023-24 and 2022-23.

9. What are the carbon emissions (Scope 1, Scope 2, and Scope 3) for Indian Oil Corporation Limited (IOCL) as per XBRL datasheets, BRSR reports, or sustainability reports?

The carbon emissions for Indian Oil Corporation Limited (IOCL), as reported in its Business Responsibility and Sustainability Report (BRSR) and related XBRL datasheets for the financial year 2023-24, are as follows:

1. Scope 1 Emissions:

- **Total Emissions:** 22.00 MMTCO₂e (Million Metric Tonnes of CO₂ equivalent).
- **Breakdown:**
 - CO₂: 21.69 MMTCO₂e
 - CH₄: 0.10 MMTCO₂e
 - N₂O: 0.21 MMTCO₂e
- **Comparison with FY 2022-23:**
 - FY 2022-23 emissions were lower at 20.21 MMTCO₂e, showing an increase in emissions in FY 2023-24.

2. Scope 2 Emissions:

- **Total Emissions:** 0.76 MMTCO₂e.
- **Breakdown:**

- The report does not specify detailed GHG components like CO₂, CH₄, or N₂O for Scope 2 emissions.

- **Comparison with FY 2022-23:**

- FY 2022-23 emissions were 0.63 MMTCO₂e, indicating an increase in FY 2023-24.

3. Scope 3 Emissions:

- **Total Emissions:** 324.81 Metric Tonnes of CO₂ equivalent.
- **Category 11 of the Greenhouse Gas Protocol:** The data pertains to emissions from the use of sold products.
- **Comparison with FY 2022-23:**
- FY 2022-23 emissions were 277 Metric Tonnes of CO₂ equivalent, showing a significant increase in FY 2023-24.

4. Emission Intensities:

- **Scope 1 & Scope 2 Emissions per Rupee of Turnover:**
- FY 2023-24: 26.27 MMTCO₂e/INR Crore.
- FY 2022-23: 22.29 MMTCO₂e/INR Crore.
- **Scope 1 & Scope 2 Emissions per Rupee of Turnover Adjusted for Purchasing Power Parity (PPP):**
- FY 2023-24: 6.37 tCO₂e/INR Crore.
- FY 2022-23: 5.60 tCO₂e/INR Crore.
- **Scope 1 & Scope 2 Emissions per Metric Tonne of Crude Throughput:**
- FY 2023-24: 0.311 MTCO₂e/MT.
- FY 2022-23: 0.288 MTCO₂e/MT.

5. Independent Assessment:

- The emissions data has been independently assessed and assured by **TUV India Private Limited**, ensuring accuracy and reliability.

Summary:

- IOCL's Scope 1 emissions increased by approximately 8.85%, Scope 2 emissions by 20.63%, and Scope 3 emissions by 17.32% compared to the previous year.
- The company is actively engaged in various initiatives to reduce greenhouse gas emissions, including promoting natural gas usage and exploring renewable energy projects.

This data reflects IOCL's ongoing commitment to sustainability while highlighting the areas of improvement in carbon emission reduction.

10. What is the difference in carbon emissions (Scope 1, Scope 2, and Scope 3) between BF Utilities Limited and Gillette India Limited as per XBRL datasheets, BRSR reports, or sustainability reports?

Based on the provided information, here is a comparative analysis of carbon emissions (Scope 1, Scope 2, and Scope 3) for BF Utilities Limited and Gillette India Limited:

BF Utilities Limited:

- **Scope 1 Emissions:**
- Total Scope 1 emissions reported: **Nil** for FY 2023-24.

- Breakdown of GHG gases (CO₂, CH₄, N₂O, etc.): Not applicable (NA).

- **Scope 2 Emissions:**

- Total Scope 2 emissions reported: **Nil** for FY 2023-24.
- Breakdown of GHG gases (CO₂, CH₄, N₂O, etc.): Not applicable (NA).
- The company's market-based Scope 2 Net GHG emissions is **Nil**, including the application of Renewable Energy Certificates.

- **Scope 3 Emissions:**

- Total Scope 3 emissions: No data provided in the chunks.

- **Emission Intensity:**

- Scope 1 and Scope 2 emissions intensity per rupee of turnover: **Nil**.
- Scope 1 and Scope 2 emissions intensity adjusted for PPP: **Nil**.

- **Additional Notes:**

- BF Utilities Limited operates in the renewable energy sector (wind power generation), which contributes to its zero Scope 1 and Scope 2 emissions.

Gillette India Limited:

- **Scope 1 Emissions:**

- Total Scope 1 emissions reported: **562 metric tonnes of CO₂ equivalent** for FY 2023-24 (up from 370 metric tonnes in FY 2022-23).

- **Scope 2 Emissions:**

- Total Scope 2 emissions reported:
- **Gross Scope 2 emissions: 14,978 metric tonnes of CO₂ equivalent** for FY 2023-24 (up from 13,798 metric tonnes in FY 2022-23).
- Market-based Scope 2 emissions: **Nil**, due to the application of Renewable Energy Certificates.

- **Scope 3 Emissions:**

- Total Scope 3 emissions: **324.81 metric tonnes of CO₂ equivalent** for FY 2023-24 (up from 277 metric tonnes in FY 2022-23).
- Emissions include the use of sold products (Category 11 of the Greenhouse Gas Protocol).

- **Emission Intensity:**

- Scope 1 and Scope 2 emissions intensity per rupee of turnover: **0.06 MT per ` lakh** (unchanged from FY 2022-23).
- Scope 1 and Scope 2 emissions intensity adjusted for PPP: **0.01 MT per ` lakh** for FY 2023-24 (down from 0.02 MT per ` lakh in FY 2022-23).

- **Additional Notes:**

- Gillette India Limited operates in the FMCG sector, with a diverse product portfolio.
- Scope 3 emissions are significant and reflect the impact of sold products.

Key Differences Between BF Utilities Limited and Gillette India Limited:

1. Sector and Emissions Profile:

- BF Utilities Limited operates in the renewable energy sector (wind power), leading to **zero Scope**

1 and Scope 2 emissions.

- Gillette India Limited operates in the FMCG sector, resulting in substantial Scope 1, Scope 2, and Scope 3 emissions due to its manufacturing and product use.

2. Emission Volumes:

- BF Utilities Limited: Zero emissions for both Scope 1 and Scope 2.
- Gillette India Limited: **562 metric tonnes (Scope 1)**, 14,978 metric tonnes

Summary

Hello! Based on the previous conversation history, I see you have been exploring topics around carbon emissions, environmental metrics, and details for companies like HPCL, IOCL, BF Utilities Limited, and Gillette India Limited.

If you have any specific questions about these companies or their sustainability practices, environmental metrics, or governance policies, feel free to ask. ■ How can I assist you today?