SUCCEEDING SUSTAINABLY

Report on Environmental Performance 2023 - 24 based on GRI Parameters

SAKTHI
AUTO COMPONENT LIMITED

Succeeding Sustainably

GRI Standard Environmental performance reporting of
Sakthi Auto Component Limited

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Executive Summary

Sakthi Auto Component Limited is dedicated to advancing sustainability across our operations. This Global Reporting Initiative (GRI) Report for the fiscal year 2024 encapsulates our steadfast commitment and significant strides towards minimizing our environmental impact, enhancing resource efficiency, and fostering a sustainable supply chain.

Key Achievements

I) Material Use Reduction

We successfully reduced the consumption of key materials such as MS Scrap, Silica Sand, Bentonite, and Coal Dust by implementing advanced technologies and enhancing process efficiencies. This not only helped in reducing our production costs but also significantly lessened our environmental footprint.

II) Energy Efficiency and Renewables

A marked decrease in diesel consumption and a substantial increase in renewable energy sources like solar and wind energy underscore our efforts to align with global initiatives such as RE 100. Our energy consumption profile has improved, moving us closer to our goal of achieving 100% renewable energy usage.

III) Water Management

Our proactive water management strategies have led to optimized water withdrawal and consumption, supported by comprehensive treatment and recycling practices. We aim to achieve a water-positive status, giving back more to the environment than we consume.

IV) Waste Management

Through the active involvement of our newly established Sustainability Management Cell, we have seen a consistent decrease in waste generation. Our focused efforts on recycling and adopting a circular economy model have significantly contributed to this success. Supplier Environmental Assessment: We have maintained a sustainable and responsible supply chain by rigorously applying environmental criteria in screening all our suppliers, ensuring they adhere to our high sustainability standards.

V) Commitment to Sustainability

Sakthi Auto Component Limited remains committed to its sustainability journey, continuously seeking innovative solutions to enhance environmental stewardship. We are dedicated to transparency and accountability, regularly engaging with our stakeholders to report progress and foster collaborative improvement.

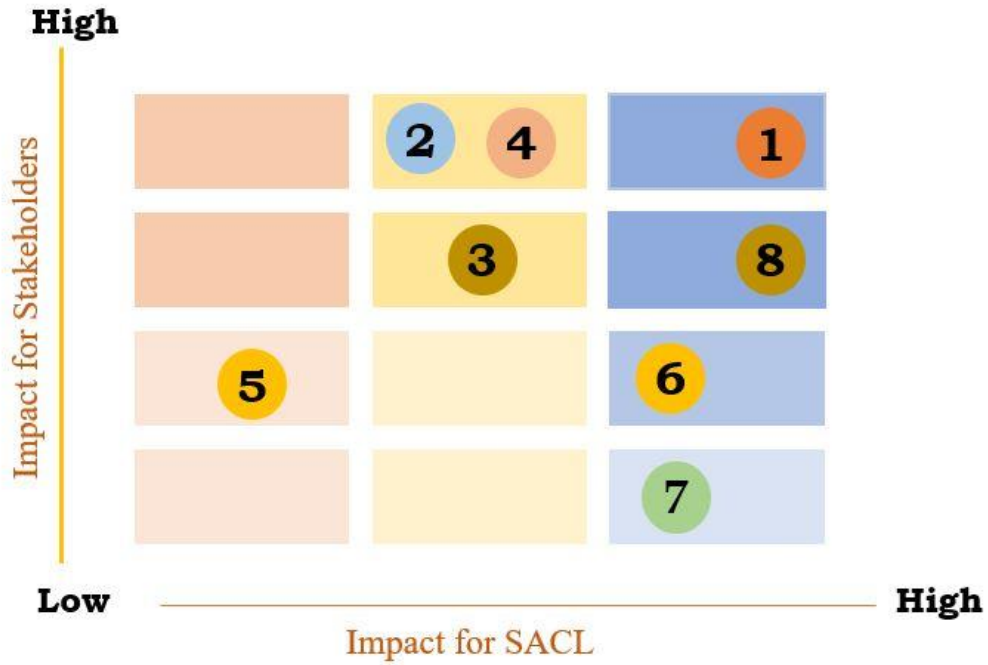
This report reflects our ongoing efforts to not only meet but exceed global sustainability standards, ensuring that Sakthi Auto Component Limited leads by example in the automotive component manufacturing sector.

As we move forward, we are motivated by our achievements and driven by the challenges ahead, committed to achieving our long-term sustainability goals and contributing positively to global environmental conservation efforts.

Materiality Assessment

In the Materiality Assessment section of the report, we identified and prioritized critical environmental, social, and economic issues that are most significant to our operations and stakeholders.

1	Raw materials and recycled materials	High
2	Energy consumption	High
3	Energy efficiency initiatives	Medium
4	Emission & Reduction Strategies	High
5	Impact on biodiversity and conservation initiatives	Low
6	Water recycling and reuse.	Medium
7	Waste Management	High
8	Sustainability in the supply chain	Medium



The materiality assessment process involves engaging with stakeholders to gather insights on their priorities and concerns, identifying relevant sustainability issues based on industry standards and emerging trends, and prioritizing these issues based on their significance to the company and its stakeholders. This comprehensive approach ensures that the sustainability report addresses the most critical factors influencing the company's long-term success and stakeholder trust.

By aligning our sustainability initiatives with key material topics, Sakthi Auto Component Limited demonstrates its commitment to driving meaningful progress in sustainability and setting a benchmark in the automotive component manufacturing sector.

GRI 301
Materials 2016

In alignment with the Global Reporting Initiative (GRI) standards, specifically under the GRI 301-1 parameter, Sakthi Auto Component Limited reports on the materials used by weight or volume in our production processes.

This parameter is critical as it helps us monitor and manage our resource consumption effectively, ensuring our operations are sustainable and environmentally friendly. This year, our primary materials included MS Scrap, Silica Sand, Bentonite, and Coal Dust, all pivotal for our high-standard manufacturing outputs and compliance with automotive industry demands.

During the fiscal year 2024, we observed a reduction in the quantity of these materials compared to the previous year. This reduction is due to our dedicated efforts towards improving material efficiency within our operations. By implementing advanced technologies and process enhancements, we have decreased our material input without impacting the quality of the final products.

These measures not only help in reducing production costs but also significantly lower the environmental impact of our operations. The efforts to reduce material usage align with the goals set forth by GRI 301-1, demonstrating our commitment to sustainability and responsible resource management.

By continuously monitoring and optimizing our use of materials, Sakthi Auto Component Limited is leading the way in sustainable practices, contributing to environmental conservation, and supporting the global movement towards sustainable industrial production.

ITEM	2023-2024in Tons	2022-2023 in Tons	Reduction in Tons
MS Scrap	41,867	51,572	9,705
Silica Sand	16,692	16,865	173
Bentonite	11,301	12,239	938
Coal dust	2,909	3,508	599

Sakthi Auto Component Limited remains steadfast in its commitment to sustainability, as highlighted by our adherence to the Global Reporting Initiative (GRI) standards, particularly parameters 301-2.

This parameter measures the percentage of recycled input materials utilized in manufacturing our primary products and services. Emphasizing the use of recycled materials is pivotal for reducing our environmental impact and promoting a circular economy within the automotive industry.

In the fiscal year 2024, our company has made modest progress in increasing the use of recycled materials. This achievement is a step forward in our journey towards more sustainable production practices. Looking ahead, Sakthi Auto Component Limited aims to enhance the use of recycled materials across all production lines.

We plan to invest in new technologies and refine our processes to increase the efficiency of recycled material integration. Additionally, we will continue to engage with our suppliers to source more high-quality recycled materials and collaborate on sustainable resource use.

GRI 302
ENERGY 2016

Per the Global Reporting Initiative (GRI) standards, parameter 302-1, Sakthi Auto Component Limited meticulously tracks energy consumption within our operations. This parameter is essential for identifying energy use patterns and implementing strategies to enhance energy efficiency and sustainability. During this reporting period, our energy mix included Diesel, LPG, Solar Energy, and Wind Energy, each contributing differently to our energy profile.

This year, we successfully reduced our diesel consumption, aligning with our goal to decrease reliance on fossil fuels and minimize our carbon footprint. Simultaneously, there has been a commendable increase in our utilization of renewable energy sources, notably solar and wind energy, which reflects our strategic shift towards more sustainable energy solutions.

These efforts have not only contributed to an overall reduction in energy consumption but also significantly bolstered our commitment to achieving RE 100—a global initiative aiming for 100% renewable electricity.

Despite these successes, we observed an increase in the use of LPG, primarily due to operational demands and process requirements specific to certain production lines. Moving forward, we aim to optimize our energy use further by enhancing the efficiency of our LPG-powered systems and exploring advanced technologies that can reduce energy consumption.

Additionally, we plan to expand our capacity to generate renewable energy on-site and increase the proportion of renewables in our energy mix, further solidifying our commitment to sustainable energy practices.

Sakthi Auto Component Limited remains dedicated to its sustainability journey, with a clear focus on improving energy efficiency across all facets of our operations.

Our ongoing efforts to optimize energy use and increase reliance on renewable sources are pivotal in our strategy to contribute positively to environmental conservation and achieve long-term sustainability goals.

GRI 302 – ENERGY 2016				
302-1 Energy consumption within the organization				
		Item	2023-24	2022-23
a)	Total fuel consumption within the organization from non-renewable sources, in joules or multiples, and including fuel types used.	Diesel (Ltrs)	3,08,200	3,51,684
		LPG (Kgs)	3,86,793	3,77,245
b)	Total fuel consumption within the organization from renewable sources, in joules or multiples, and including fuel types used.	Solar Energy (Kwh)	69,59,812	4,85,770
		Wind Energy (Kwh)	18,07,124	23,117
c)	In joules, watt-hours, or multiples, the total electricity consumption	Conventional + RE (Kwh)	15,17,03,370	15,37,13,679
e)	Total energy consumption within the organization, in joules or multiples.	Diesel (Ltrs)	3,08,200	3,51,684
		LPG (Kgs)	3,86,793	3,77,245
		Conventional + RE (Kwh)	15,17,03,370	15,37,13,679

Sakthi Auto Component Limited remains committed to continuous improvement in energy management, guided by the Global Reporting Initiative (GRI) standards, particularly parameters 302-3, 302-4, and 302-5. These metrics are crucial for assessing and enhancing our energy efficiency and sustainability practices.

Increase in Energy Intensity (GRI 302-3)
This year, our energy intensity, measured as the energy consumed per unit of production, has unfortunately seen a slight increase. This change is attributed to the scale-up of production capacities and the initial inefficiencies associated with integrating new technologies and processes. Although this increase is a challenge, it also marks a transitional phase towards more advanced, energy-efficient operations.

Reduction in Energy Consumption (GRI 302-4)
Despite the increase in energy intensity, we have achieved a significant overall reduction in energy consumption. This accomplishment is largely due to our strategic initiatives such as optimizing process flows, upgrading to energy-efficient machinery, and enhancing operational protocols. Our concerted efforts to shift towards renewable energy sources like solar and wind have also played a critical role in reducing our total energy use.

Reduction in Energy Requirements (GRI 302-5)
Our efforts to reduce the energy requirements of our products and services have been successful. By redesigning products to require less energy during both production and usage phases, and by implementing more rigorous energy management practices, we are making substantial progress toward reducing our environmental impact.

Ways Forward

To build on these achievements and address areas of concern, Sakthi Auto Component Limited plans to do the following

S. No	Plan
1	Further, invest in renewable energy projects to decrease dependency on non-renewable sources.
2	Continue refining our energy management systems to enhance monitoring and control of energy use across all operations.
3	Implement employee training programs to raise awareness and promote energy-saving practices at every level of the organization.
4	Explore partnerships with energy consultants to identify additional opportunities for energy optimization

Through these strategies, Sakthi Auto Component Limited reaffirms its commitment to reducing energy consumption and enhancing sustainability, paving the way towards meeting our RE 100 commitment and setting a benchmark in the industry for environmental stewardship.

GRI 303
Water and Effluents 2018

GRI 303: Water and Effluents 2018 is a specific standard under the Global Reporting Initiative (GRI) guidelines, designed to help organizations provide stakeholders with transparent and reliable information about their impacts on water resources.

The goal of this standard is to assess how an organization's water use and wastewater management practices affect the environment and communities, promoting sustainable water use and effluent management. The GRI 303 standard encourages organizations to report on several aspects such as

- Water Withdrawal
- Water Discharge
- Water Consumption
- Effluent Treatment

Adhering to GRI 303 helps organizations identify opportunities for reducing water usage, improving effluent treatment, and mitigating negative impacts on local ecosystems and water-dependent communities. It also assists stakeholders in understanding the sustainability of an organization's water-related practices and decision-making processes.

Notably, no water-related disputes have been reported, reflecting our effective water management and strong community relations. Our transparent practices and commitment to sustainable water use continue to support our stewardship goals.

		In Mega Liters	
		2022-23	**2023-24**
Water withdrawal	Total water withdrawal from all areas	182.65	180.93
Water discharge	Total water discharge to all areas	153.07	158.12
Water consumption	Total water consumption	167.34	164.280

This year, our water withdrawal and consumption figures have shown significant optimization compared to previous years, demonstrating the effectiveness of our water efficiency strategies.

Our commitment to reducing water withdrawal is driven by implementing advanced water-saving technologies and process optimizations that minimize water use at every stage of production. In terms of water discharge, we ensure that all effluents are treated through state-of-the-art treatment facilities before being released, significantly reducing potential environmental impacts. Furthermore, our total water consumption has decreased due to both reduced withdrawal and increased recycling and reuse within our operations.

Sakthi Auto Component Limited aims not only to minimize our water footprint but also to contribute positively to water resources. Our goal is to achieve a water-positive status, where we give back more to the environment than we take, aligning with our vision of sustainability and responsibility. These efforts showcase our commitment to leading the industry in sustainable water use and stewardship, setting a benchmark for others to follow.

GRI 304
Biodiversity 2016

In compliance with the Global Reporting Initiative (GRI) standard 304: Biodiversity 2016, Sakthi Auto Component Limited is pleased to report that our manufacturing facilities have not been positioned within or near biodiversity hotspots or sensitive ecological areas. This strategic location decision underscores our commitment to minimizing our environmental impact and supporting biodiversity conservation.

Our operations have been carefully planned and managed to ensure there is no adverse impact on local species or their habitats. Continuous environmental assessments confirm that our activities do not disturb the ecological balance or contribute to biodiversity loss. By maintaining this status, we actively prevent any potential negative interactions with protected areas or species of conservation concern.

Sakthi Auto Component Limited remains dedicated to upholding high standards of environmental stewardship. Our proactive approach to site selection and management exemplifies our commitment to not only comply with global sustainability standards but also to contribute positively towards the preservation and enhancement of biodiversity.

Through ongoing monitoring and adherence to best practices, we continue to demonstrate leadership in sustainable manufacturing and environmental responsibility.

While Sakthi Auto Component Limited currently reports no adverse impact on biodiversity from its operations, we remain committed to proactive environmental stewardship. To sustain and further this commitment, we plan to implement comprehensive biodiversity management strategies. These include conducting regular environmental impact assessments to monitor any potential effects our operations may have on local ecosystems.

Further, our company aims to integrate biodiversity considerations into our corporate sustainability goals, ensuring that environmental management remains integral to our operational planning and decision-making processes in the following domains

- Green Infrastructure
- Employee Education and Engagement
- Collaborations with Academic Institutions
- Sustainable Supply Chains
- Public Reporting and Transparency
- Community-Based Conservation Projects

GRI 305
Emissions 2016

Sakthi Auto Component Limited recognizes the critical importance of environmental responsibility, guided by the Global Reporting Initiative (GRI) standard 305. This standard provides a comprehensive framework for organizations to quantify and manage emissions from both direct operations and indirect sources.

As part of our commitment to combat climate change, GRI 305 enables us to effectively track and reduce greenhouse gas (GHG) emissions and other significant air emissions across our operations.

Our current reporting under GRI standards 305-2 through 305-7 shows a mixed trend in emission values, with some decreasing and others increasing. These fluctuations highlight the complex challenges and successes of our environmental initiatives. Reductions in some areas demonstrate the effectiveness of our ongoing efforts, which include optimizing energy use, leveraging renewable energy, and improving production efficiency. However, the increases in other categories underscore the need for intensified efforts and innovative approaches to mitigate our environmental impact.

To achieve our ambitious goal of net zero emissions, Sakthi Auto Component Limited is planning to implement the following strategic interventions

S.No	Strategy	Plans
1	Expansion of Renewable Energy	Increasing investment in renewable energy projects such as solar, wind, and bioenergy to replace conventional energy sources, thereby reducing indirect emissions associated with electricity use.
2	Energy Efficiency Programs	Enhancing energy efficiency across all operational processes through state-of-the-art technologies and process optimizations to reduce direct energy consumption and emissions.
3	Carbon Capture and Storage (CCS)	Exploring carbon capture and storage technologies to capture and sequester CO2 emissions directly from our production facilities.
4	Sustainable Supply Chain Management	Collaborating with suppliers to reduce upstream emissions through sustainable procurement practices and encouraging suppliers to adopt greener technologies.
5	Employee Training and Engagement	Developing training programs to enhance employee awareness and participation in our sustainability goals, encouraging innovations that contribute to emission reductions.

In our pursuit of net zero, Sakthi Auto Component Limited remains committed to transparency and accountability, regularly reporting our emissions and the effectiveness of our reduction initiatives. This open communication ensures that we are both tracking our progress and holding ourselves accountable to our stakeholders and the global community.

GRI 306
Waste 2020

Sakthi Auto Component Limited continues to make significant strides in environmental sustainability, as demonstrated by our performance in alignment with the Global Reporting Initiative (GRI) standards 306-2020. This series, including parameters 306-1 through 306-5, focuses on waste management practices and aims to minimize the environmental impacts associated with waste generated from our operations.

We are pleased to report a consistent decreasing trend across these parameters, reflecting the effectiveness of our waste reduction and management strategies.

306-3: Waste Generated		
Year	**2023-24**	**2022-23**
a) Total weight of waste generated in metric tons, and a breakdown of this total by composition of the waste.	20846.11	22912.68
Hazardous waste	6.523	5.507
Non-Hazardous waste	20839.58	22907.17

This year, improvements in waste management were notably driven by the active involvement of our newly established Sustainability Management Cell. This cell plays a critical role in overseeing and enhancing our sustainability initiatives across nine key verticals, with Waste Management being a primary area of focus. The cell's efforts are geared towards developing and implementing advanced waste reduction practices, improving waste segregation, recycling, and disposal, and exploring innovative waste-to-energy projects.

The Sustainability Management Cell at Sakthi Auto Component Limited has been instrumental in the following

1	Enhancing our waste tracking and reporting mechanisms to ensure accuracy and transparency.
2	Introducing more efficient waste processing technologies that reduce the volume of waste sent to landfills.
3	Promoting the circular economy within our operations by facilitating the reuse and recycling of materials.
4	Engaging with external stakeholders to develop partnerships for sustainable waste management solutions.

Through these concerted efforts, Sakthi Auto Component Limited is not only adhering to global standards but also leading by example in the domain of sustainable waste management. The decreasing trends in our waste management parameters are a testament to our commitment to environmental stewardship and our proactive approach to reducing the ecological footprint of our operations.

The Sustainability Management Cell will continue to play a pivotal role in driving these initiatives forward, ensuring that our waste management practices contribute positively to our broader sustainability goals.

GRI 307
Environmental Compliance 2016

Sakthi Auto Component Limited is committed to adhering to all applicable environmental legislation and regulations, as outlined in GRI 307 - Environmental Compliance 2016. This commitment ensures that our operations are conducted in a manner that protects the environment, minimizes pollution, and promotes sustainable practices.

We continuously monitor and review our compliance with environmental laws and regulations to ensure that we meet or exceed legal requirements. Our proactive approach includes regular environmental audits, employee training programs, and the implementation of best practices in environmental management. By maintaining stringent compliance standards, we not only reduce our environmental footprint but also demonstrate our dedication to corporate responsibility and sustainability.

GRI 308
Supplier Environmental Assessment 2016

GRI 308: Supplier Environmental Assessment 2016 is a crucial standard within the Global Reporting Initiative framework that emphasizes the environmental assessment of an organization's suppliers. This standard guides companies in evaluating and managing the environmental impacts associated with their supply chains.

In alignment with the Global Reporting Initiative (GRI) standards 308-1 and 308-2, Sakthi Auto Component Limited is committed to maintaining a sustainable and environmentally responsible supply chain. During this reporting period, we have diligently applied environmental criteria in screening all our suppliers to ensure they meet our stringent sustainability standards.

This comprehensive screening process involves assessing potential suppliers on various environmental aspects, including resource usage, waste management, emissions, and their overall environmental management practices.

We are pleased to report that these rigorous evaluations have revealed no negative environmental impacts within our supply chain. This achievement reflects the effectiveness of our proactive environmental policies and our commitment to collaborative engagement with our suppliers. By working closely with our partners, we provide guidance and support in implementing sustainable practices, thereby enhancing our collective environmental performance.

Our efforts are part of a broader strategy to promote sustainability throughout our value chain. We continue to refine our supplier assessment processes and enhance our criteria to not only prevent environmental risks but also to drive positive changes across the industry. Sakthi Auto Component Limited remains dedicated to upholding high environmental standards and is committed to continuous improvement in our pursuit of a more sustainable and responsible supply chain.

To support the implementation and monitoring of GRI 308-1 and 308-2, focusing on supplier environmental assessment, various tools and technologies can be effectively utilized. Following are the few steps that the company will consider taking to enhance our efforts

1. Supplier Sustainability Management Software
2. Environmental Impact Assessment Tools
3. Supply Chain Mapping Tools
4. Corporate Social Responsibility (CSR) Reporting Software
5. Third-Party Certification and Auditing Services
6. AI and Analytics Platforms

Sustainability Goals and Future Plans

Short-term Objectives		
1	Resource Efficiency	Increase material and energy efficiency across production lines within 3 years.
2	Renewable Energy	Target 50% energy consumption from renewables by 2027
3	Waste Reduction	Decrease total waste by 20% by 2025 with improved recycling and management.
4	Water Conservation	Reduce water usage by 15% through advanced technologies by 2025.
5	Supplier Compliance	Sustain 100% supplier adherence to environmental criteria from 2025 with Sustainable Procurement Policy

Long term Objectives		
1	Net Zero Emissions	Attain net zero emissions by 2040 through energy efficiency and renewable strategies.
2	Water-Positive Impact	Become water-positive by 2032, enhancing water recycling and supporting watershed projects.
3	Circular Economy	Transition to a fully circular business model by 2030, focusing on maximum material reuse.
4	Innovation	Foster product and process innovation to reduce environmental impacts sustainably.

Planned Initiatives and Investments		
1	Renewable Energy Investments	Expanding solar and wind energy use in operations
2	Advanced Recycling Technologies	Upgrading recycling facilities to enhance waste processing capabilities.
3	Energy Efficiency Programs	Conducting energy audits and upgrading machinery for greater energy efficiency.
4	Water Treatment Upgrades	Installing advanced water recycling technologies to increase recycled water use.
5	Employee Training	Providing training programs on sustainability practices and innovations.
6	Community Engagement	Strengthening environmental education and local conservation efforts in community programs.

Conclusion

As we conclude this year's Global Reporting Initiative (GRI) Report, Sakthi Auto Component Limited reaffirms its unwavering commitment to sustainability and responsible business practices. Our efforts throughout 2024 have yielded significant advancements in reducing our environmental footprint, enhancing resource efficiency, and strengthening our relationships with stakeholders.

Our achievements in material use reduction, energy diversification, and waste management underscore our dedication to not only meet but exceed global sustainability standards. By continuously refining our processes and striving towards ambitious targets such as RE 100 and a water-positive status, we are setting a benchmark in the automotive component industry.

Looking ahead, we are excited about the opportunities to further integrate sustainability into every aspect of our operations. With the planned initiatives and investments laid out in this report, we are poised to make substantial progress toward our short-term and long-term objectives. These endeavors will not only benefit our environment and communities but also ensure the long-term success and resilience of our business.

Sakthi Auto Component Limited remains committed to transparency, continuous improvement, and proactive engagement with all our stakeholders. We are grateful for the collaboration and support from our employees, partners, and customers as we continue on this journey toward a more sustainable and prosperous future.

GRI INDEX						
Disclosure	**Topics**	**Requirements**	**2023-24**	**2022-23**	**Remarks**	**Page No.**
GRI 301: Materials 2016						
301-1	Materials used by weight or volume	Total weight or volume of materials that are used to produce and package the organization's primary products and services during the reporting period, by: i) non-renewable materials used	41,867	51,572	MS Scrap (MT)	5
			16,692	16,865	Silica Sand (MT)	5
			11,301	12,239	Bentonite (MT)	5
			2,909	3,508	Coal dust (MT)	5
301-2	Recycled input materials used	Percentage of recycled input materials used to manufacture the organization's primary products and services	66.65%	66.53%	-	5
GRI 302: Energy 2016						
302-1	Energy consumption within the organization	a) Total fuel consumption within the organization from non-renewable sources, in joules or multiples, and including fuel types used.	3,08,200	3,51,684	Diesel (Litres)	6,7
			3,86,793	3,77,245	LPG (Kgs)	6,7
		b) Total fuel consumption within the organization from renewable sources, in joules or multiples, and including fuel types used.	69,59,812	4,85,770	Solar Energy (Kwh)	6,7
			18,07,124	23,117	Wind Energy (Kwh)	6,7
		c) In joules, watt-hours or multiples, the total: i. electricity consumption	15,17,03,370	15,37,13,679	Conventional + RE (Kwh)	6,7
		e) Total energy consumption within the organization, in joules or multiples.	3,08,200	3,51,684	Diesel (Litres)	6,7
			3,86,793	3,77,245	LPG (Kgs)	6,7
			15,17,03,370	15,37,13,679	Conventional + RE (Kwh)	6,7
302-3	Energy intensity	a) Energy intensity ratio for the organization.	2,168.49	2,051.77	kWh per Ton of production	6,7
		b) Organization-specific metric (the denominator) chosen to calculate the ratio.	69,958	74,918	Ton of Production	6,7

GRI INDEX						
Disclosure	**Topics**	**Requirements**	**2023-24**	**2022-23**	**Remarks**	**Page No.**
		c) Types of energy included in the intensity ratio; whether fuel, electricity, heating, cooling, steam, or all.	Fuel & Electricity	Fuel & Electricity	-	6,7
		d) Whether the ratio uses energy consumption within the organization, outside of it, or both.	within the organization	within the organization	-	6,7
302-4	Reduction of energy consumption	a) Amount of reductions in energy consumption achieved as a direct result of conservation and efficiency initiatives, in joules or multiples.	107.5	31.25	Kwh	6,7
		b) Types of energy included in the reductions; whether fuel, electricity, heating, cooling, steam, or all.	Electricity	Electricity	-	6,7
302-5	Reductions in energy requirements of products and services	a) Reductions in energy requirements of sold products and services achieved during the reporting period, in joules or multiples.	0.00154	0.00042	kWh per Ton of production	6,7
GRI 303: Water and Effluents 2018						
303-3	Water withdrawal	1) Total water withdrawal from all areas in megaliters, and a breakdown of this total by the following sources, if applicable: v) Third-party water.	18,00,93,000	18,26,55,000	Liters	8
		3) A breakdown of total water withdrawal from each of the sources listed in Disclosures 303-3-a and 303-3-b in megaliters by the following categories: i. Freshwater (≤1,000 mg/L Total Dissolved Solids);	214	234	TDS	8

GRI INDEX						
Disclosure	**Topics**	**Requirements**	**2023-24**	**2022-23**	**Remarks**	**Page No.**
303-4	Water discharge	1) Total water discharge to all areas in megaliters	1,58,12,256	1,53,07,265	Liters	8
		2) A breakdown of total water discharge to all areas in megaliters by the following categories: ii. Other water (>1,000 mg/L Total Dissolved Solids).	1,014	1,175	TDS	8
303-5	Water consumption	a) Total water consumption from all areas in megaliters.	16,42,80,744	16,73,47,735	Liters	8
GRI 305: Emissions 2016						
305-1	Direct (Scope 1) GHG emissions	a) Gross direct (Scope 1) GHG emissions in metric tons of CO2 equivalent.	1,466.61	1,579.08	tCO2e	10
		b) Gases included in the calculation; whether CO2 , CH4 , N2O, HFCs, PFCs, SF6 , NF3 , or all.	Co2	Co2	-	10
		d) Base year for the calculation, if applicable, including:	2022-23	-	-	10
		ii) emissions in the base year;	1,579.08	-	tCO2e	10
		e) Source of the emission factors and the global warming potential (GWP) rates used, or a reference to the GWP source.	GHG Protocal (IPCC Guideline)	GHG Protocal (IPCC Guideline)	-	10
305-2	Energy indirect (Scope 2) GHG emissions	a) Gross location-based energy indirect (Scope 2) GHG emissions in metric tons of CO2 equivalent.	1,15,778.51	1,24,095.88	tCO2e	10
		d) Base year for the calculation, if applicable, including:	2022-23	-	-	10
		ii) emissions in the base year;	1,24,095.88	-	tCO2e	10
		e) Source of the emission factors and the global warming potential (GWP) rates used, or a reference to the GWP source.	GHG Protocal (IPCC Guideline)	GHG Protocal (IPCC Guideline)	-	10

GRI INDEX						
Disclosure	**Topics**	**Requirements**	**2023-24**	**2022-23**	**Remarks**	**Page No.**
305-4	GHG emissions intensity	a) GHG emissions intensity ratio for the organization.	1.676	1.678	tCO2e per Ton of production	10
		b) Organization-specific metric (the denominator) chosen to calculate the ratio.	69,958	74,918	Ton of Production	10
		c) Types of GHG emissions included in the intensity ratio; whether direct (Scope 1), energy indirect (Scope 2), and/or other indirect (Scope 3).	Scope 1 & 2	Scope 1 & 2		10
		d) Gases included in the calculation; whether CO2 , CH4 , N2O, HFCs, PFCs, SF6 , NF3 , or all.	Co2	Co2		10
305-5	Reduction of GHG emissions	a) GHG emissions reduced as a direct result of reduction initiatives, in metric tons of CO2 equivalent.	7.50%	-		10
		b) Gases included in the calculation; whether CO2 , CH4 , N2O, HFCs, PFCs, SF6 , NF3 , or all.	Co2	Co2		10
		c) Base year or baseline, including the rationale for choosing it.	2022-23	-		10
		d) Scopes in which reductions took place; whether direct (Scope 1), energy indirect (Scope 2), and/or other indirect (Scope 3).	Scope 1 & 2	Scope 1 & 2		10
305-7	Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions	a) Significant air emissions, in kilograms or multiples, for each of the following: i. Nox	10.64	10.87	Kgs (NO_2 Emissions)	10
		ii. Sox	3.27	3.04	Kgs (SO_2 Emissions)	10

GRI INDEX						
Disclosure	**Topics**	**Requirements**	**2023-24**	**2022-23**	**Remarks**	**Page No.**
GRI 306: Waste 2020						
306-3	Waste generated	a) Total weight of waste generated in metric tons, and a breakdown of this total by composition of the waste.	20,846.11	22,912.68	MT	11
		Hazardous waste	6.523	5.507	MT	11
		Non-Hazardous waste	20,839.58	22,907.17	MT	11
306-4	Waste diverted from disposal	a) Total weight of waste diverted from disposal in metric tons, and a breakdown of this total by composition of the waste.	4,559.64	6,282.52	MT	11
		b) Total weight of hazardous waste diverted from disposal in metric tons, and a breakdown of this total by the following recovery operations: ii. Recycling;	1.434	1.102	MT	11
		c) Total weight of non-hazardous waste diverted from disposal in metric tons, and a breakdown of this total by the following recovery operations: ii. Recycling;	4,558.21	6,281.42	MT	11
		d) For each recovery operation listed in Disclosures 306-4-b and 306-4-c, a breakdown of the total weight in metric tons of hazardous waste and of non-hazardous waste diverted from disposal. ii. offsite.	4,559.64	6,282.52	MT	11
306-5	Waste directed to disposal	a) Total weight of waste directed to disposal in metric tons, and a breakdown of this total by composition of the waste.	14,742.29	15,131.14	MT	11

GRI INDEX						
Disclosure	**Topics**	**Requirements**	**2023-24**	**2022-23**	**Remarks**	**Page No.**
		b) Total weight of hazardous waste directed to disposal in metric tons, and a breakdown of this total by the following disposal operations:	4.594	3.993	MT	11
		i. Incineration (with energy recovery);	0.723	0.464	MT	11
		iii. Landfilling;	3.871	3.529	MT	11
		c) Total weight of non-hazardous waste directed to disposal in metric tons, and a breakdown of this total by the following disposal operations: iii. Landfilling;	14,737.70	15,127.15	MT	11
		d) For each disposal operation listed in Disclosures 306-5-b and 306-5-c, a breakdown of the total weight in metric tons of hazardous waste and of non-hazardous waste directed to disposal: ii. offsite.	14,742.29	15,131.14	MT	11
GRI 307: ENVIRONMENTAL COMPLIANCE 2016						
307-1	Non-compliance with environmental laws and regulations	b) If the organization has not identified any non-compliance with environmental laws and/or regulations, a brief statement of this fact is sufficient.	Nil			12
GRI 308: Supplier Environmental Assessment 2016						
308-1	New suppliers that were screened using environmental criteria	Percentage of new suppliers that were screened using environmental criteria.	30%	15%		12
308-2	Negative environmental impacts in the supply chain	a) Number of suppliers assessed for environmental impacts.	6	3		12

GRI INDEX						
Disclosure	**Topics**	**Requirements**	**2023-24**	**2022-23**	**Remarks**	**Page No.**
	and actions taken	b) Number of suppliers identified as having significant actual and potential negative environmental impacts.	Nil	Nil		12
		c) Significant actual and potential negative environmental impacts identified in the supply chain.	Nil	Nil		12
		d) Percentage of suppliers identified as having significant actual and potential negative environmental impacts with which improvements were agreed upon as a result of assessment.	Nil	Nil		12
		e) Percentage of suppliers identified as having significant actual and potential negative environmental impacts with which relationships were terminated as a result of assessment, and why.	Nil	Nil		12

Recap of Key Points

GRI 301 - Materials	
Efficiency Improvements	Reduction in material usage, including MS Scrap, Silica Sand, Bentonite, and Coal Dust, which highlights successful efforts in improving material efficiency. This reduction is beneficial both economically, by lowering production costs, and environmentally, by reducing the resource footprint.
GRI 302 - Energy	
Diverse Energy Mix	The energy consumption metrics reveal a diverse mix of Diesel, LPG, Solar, and Wind Energy. Notably, there's a significant reduction in diesel usage and a substantial increase in the utilization of renewable sources (Solar and Wind Energy), supporting the company's commitment to the RE 100 initiative.
Challenges and Opportunities	Despite overall improvements, an increase in LPG usage indicates areas where further optimization is needed. The company plans to enhance the efficiency of LPG-powered systems and expand renewable energy capacity.
GRI 303 - Water and Effluents	
Water Management	Sakthi Auto Component Limited has effectively managed water resources, treating all water through Sewage and Effluent Treatment Plants, which mitigates the impact on local ecosystems. The company reports no water-related disputes, indicating strong community relations and effective management practices.
Optimization Goals	The company has demonstrated improvements in water withdrawal and consumption, driven by advanced water-saving technologies and process optimizations, aiming for a water-positive status.
GRI 304 - Biodiversity	
Minimal Impact	The operations have not affected biodiversity hotspots or sensitive ecological areas, which is a result of strategic location decisions and ongoing environmental assessments.
GRI 305 - Emissions	
Emission Trends	The company reports mixed trends in emissions, with some decreases and increases. This highlights both the success in energy optimization and the challenges in emission management.
GRI 306 - Waste	
Waste Reduction	There's a consistent decrease in waste generation, reflecting effective waste management strategies implemented by the newly formed Sustainability Management Cell through waste tracking, introducing efficient technologies, and promoting the circular economy.
GRI 307: Environmental Compliance	
Sakthi Auto Component Limited is committed to adhering to all applicable environmental legislation and regulations	
GRI 308 - Supplier Environmental Assessment	
Continuous Improvement	The company is committed to refining its supplier assessment processes and enhancing environmental criteria to promote sustainability across the value chain.

SUCCEEDING SUSTAINABLY

Report on Environmental Performance 2023 - 24 based on GRI Parameters

SAKTHI
AUTO COMPONENT LIMITED