



BSRC Environmental

Regenerative GREEN



Our Environmental Vision



Bangchak Sriracha is committed to shaping a sustainable future with premier energy through innovative solutions. We strive to find solutions that optimize energy challenges—affordability, security, and sustainability—and to create a sustainable and resilient energy system for the future.

Environmental Management System

BSRC operates under a robust Environmental Management System (EMS), which is a key component of our Operations Excellence Management System (OEMS). This systematic approach ensures that environmental considerations are integrated into every facet of our operations. Our EMS is designed to:

- Identify and Assess Risks: Proactively pinpoint potential environmental impacts.
- Monitor and Measure: Continuously track our environmental performance using key metrics.
- Continuously Improve: Implement measures to minimize our footprint and enhance our environmental stewardship.

Biodiversity Policy

Environment Policy

Sustainability Policy

Energy Management Policy

Key Environmental Initiatives

Energy Efficiency

Energy optimization is a core focus at Bangchak Sriracha. We actively seek and implement energy-saving technologies and practices across our operations. Our initiatives include:

- Investing in cutting-edge equipment and processes to maximize energy efficiency.
- Exploring and integrating renewable energy sources where feasible.
- Promoting a culture of energy conservation among our employees.

Emissions Reduction

We are dedicated to minimizing our greenhouse gas (GHG) emissions and other air pollutants. Our efforts include:

- Continuously monitoring and reporting our GHG emissions.
- Implementing technologies and operational changes to reduce emissions.
- Supporting research and development of lower-carbon energy solutions.

The Company set targets to achieve Carbon Neutrality by 2036 and net-zero operated Scope 1 and 2 greenhouse gas emissions by 2050. Actions needed are incorporated into its medium-term business plans, which are updated annually. The future planned development activities will follow Bangchak Corporation strategy (BCP 316 Net), which is as follows;

Breakthrough Performance

B

This strategy focuses on improving the efficiency of the company operations and reducing its carbon footprint, resulting to 30% GHG emission reduction. This includes measures such as upgrading refineries, using renewable energy sources, and investing in carbon capture and storage technologies.

Conserving Nature and Society

C

This strategy focuses on offsetting the company carbon emissions by supporting natural carbon sequestration projects, resulting to 10% GHG emission absorption. This includes planting trees, restoring forests, and protecting peatlands.

Proactive Business Growth and Transition

P

This strategy focuses on transitioning the company business to clean energy sources, resulting to 60% GHG emission reduction. This includes investing in renewable energy projects, developing new biofuels, and expanding its electric vehicle charging network or other innovative technology.

Key Environmental Initiatives

Waste Management

We are committed to minimizing waste and maximizing resource recovery. Our waste management practices include:

- Reducing waste generation at the source.
- Promoting recycling and reuse of materials.
- Ensuring responsible disposal of waste that cannot be reused or recycled

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Water Management

BSRC recognizes the importance of responsible water management.

We strive to:

- Conserve water resources through efficient use and recycling.
- Treat wastewater to meet or exceed regulatory standards.
- Explore alternative water sources to reduce our reliance on freshwater.

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Stakeholder Engagement

We believe in open and transparent communication with our stakeholders. We actively engage with local communities, trade association, government agencies, and other interested parties to address environmental concerns and share our sustainability goals.



Petroleum Institute of Thailand



THE FEDERATION OF THAI INDUSTRIES



AMCHAM THAILAND



IESG



TBCSD

Environmental Performance Indicator



BSRC is dedicated to **accountability and transparency** in our environmental performance.

การปล่อยก๊าซเรือนกระจก ขอบเขตที่ 1 และขอบเขตที่ 2					
ตัวชี้วัด	รายการ	หน่วย	2564	2565	2566
GRI305-1 scope 1	การปล่อยก๊าซเรือนกระจกโดยตรงจากกระบวนการผลิต (ขอบเขต 1)				
	การปล่อยก๊าซเรือนกระจกโดยตรงจากกระบวนการผลิต (ขอบเขต 1)	ตันคาร์บอนไดออกไซด์เทียบเท่า	996,038	1,060,608	964,190
	- คาร์บอนไดออกไซด์	ตันคาร์บอนไดออกไซด์เทียบเท่า	993,884	1,058,423	961,268
	- มีเทน	ตันคาร์บอนไดออกไซด์เทียบเท่า	668	739	1,159
	- ไนตรัสออกไซด์	ตันคาร์บอนไดออกไซด์เทียบเท่า	1,486	1,446	1,763
GRI305-1 scope 2	การปล่อยก๊าซเรือนกระจกโดยอ้อมจากการซื้อไฟฟ้า ไอน้ำ (ขอบเขต 2)	ตันคาร์บอนไดออกไซด์เทียบเท่า	11,656	5,891	5,311
ขอบเขต 1+2	การปลดปล่อยก๊าซเรือนกระจกรวม (ขอบเขต 1 + 2)	ตันคาร์บอนไดออกไซด์เทียบเท่า	1,007,694	1,066,499	969,500
GRI305-4	ความเข้มข้นของการปล่อยก๊าซเรือนกระจก	ตันคาร์บอนไดออกไซด์เทียบเท่า/ KBBL วัตถุประสงค์	22.5	22.3	22.4



