JK LAKSHMI CEMENT LTD.
SURAT GRINDING UNIT

JK LAKSHMI CEMENT Ltd.
SURAT GRINDING UNIT

Mentor:- Mr. Ajay Kumar Sharma (Unit Head)
Presented By:- Mr. Vipin Joshi (Ele Engineer)

1. Brief introduction on Company/Unit

JK LAKSHMI CEMENT Ltd.
SURAT GRINDING UNIT

➢**1.1 Profile:-** JK Lakshmi Cement Limited is a part of the prestigious 135 years old JK Organisation, which owes its name to Late Shri Lala Juggilal Ji Singhania and his son Late Shri Lala Kamlapat Ji Singhania. JK Lakshmi Cement Limited was started in 1982, we have modern and fully computerized, integrated cement plants at Jaykaypuram, in the Sirohi district of Rajasthan, at Dabok, in the Udaipur district of Rajasthan (a subsidiary of the company) and at Ahiwara, in the Durg district of Chhattisgarh.

We also have four split location grinding units at - Kalol and Surat in Gujarat, Jharli in the Jhajjar district of Haryana and Cuttack in Odisha. The combined capacity of our company is 13.9 Million MT per annum.

JK Lakshmi Cement Limited, Surat

1. Brief introduction on Company/Unit

JK LAKSHMI CEMENT Ltd.
SURAT GRINDING UNIT

1.2 Process:- Here at Surat grinding unit, having capacity of 1.35 Million MT per annum, we are only grinding, packing and dispatching the cement.

1.3 Products:- At JKLCL Surat, we have wide product portfolio catering to varied construction requirements. We grind cement grades like OPC 43 & OPC 53 and Blended Cements like PPC and composite Cement.

2. Technology/specifications of major sections:-

Sr. No.	Equipment Name	TPH (Installed OPC)
1	Ball Mill	80
2	Vertical Roller Pre-Grinding Mill	40

Packing Plant Power Utilisation			
Sr. No.	FY	(Unit/Ton)	
		Bulk Loading	Bags
1	2019-20	0.18	1.26
2	2020-21	0.16	1.44
3	2021-22	0.15	1.35
4	2022-23	0.18	1.24

2. Percentage Improvement in SEC in last 4 years

JK LAKSHMI CEMENT Ltd.
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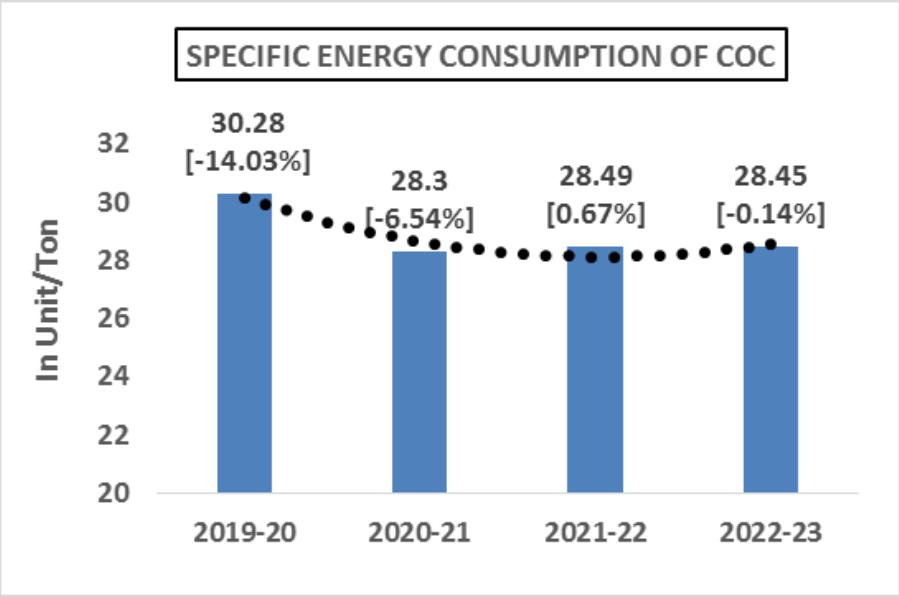
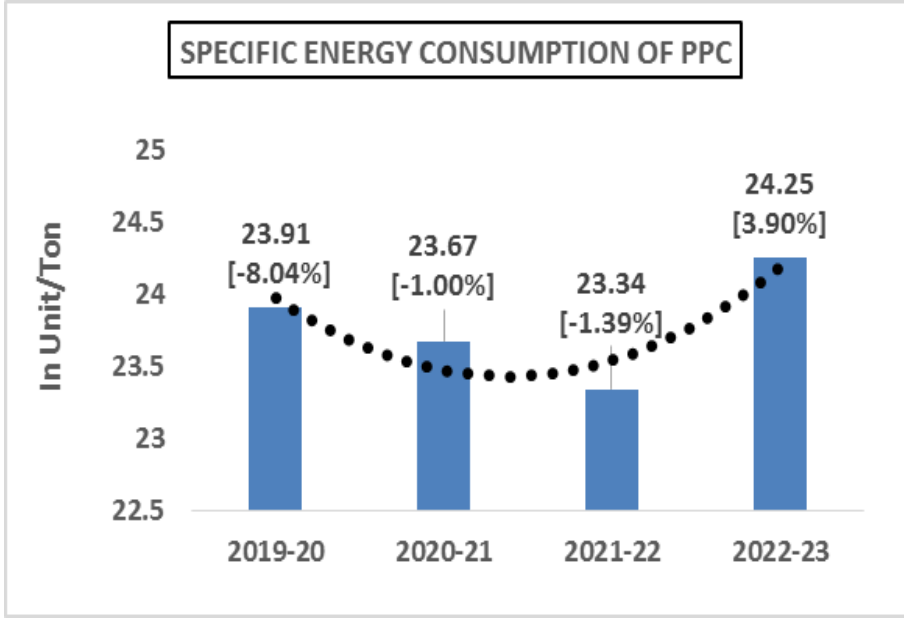


With collection of smart-resilient techniques and methodologies aimed at reducing the overall power consumption we have decreased, achieved and sustained our power consumption

Percentage of Overall Power improvement (in last 4 years) in

1. **Composite cement :- -20.04%**
2. **PPC:- -6.53%.**

We have replaced PPC with COC to reduce consumption of clinker up to 10%.



2. Percentage Improvement in SEC in last 4 years

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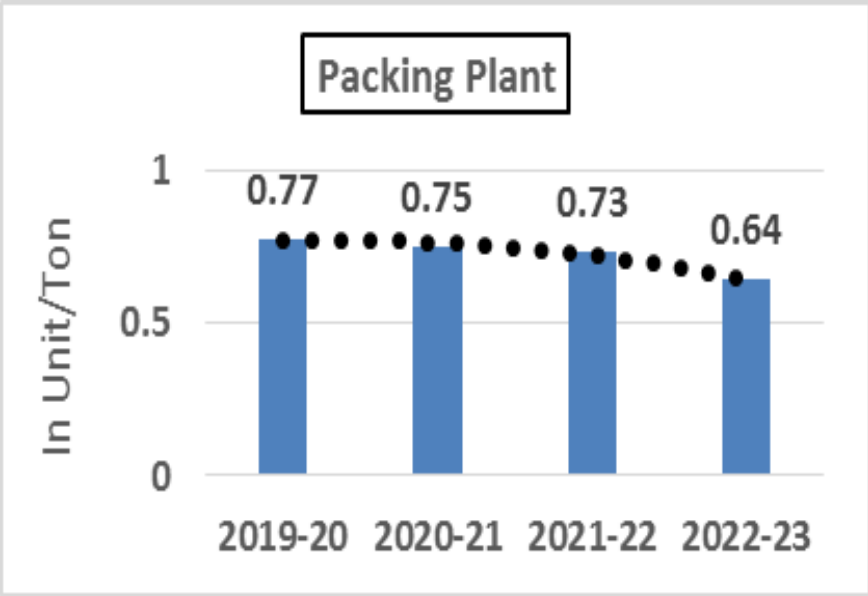
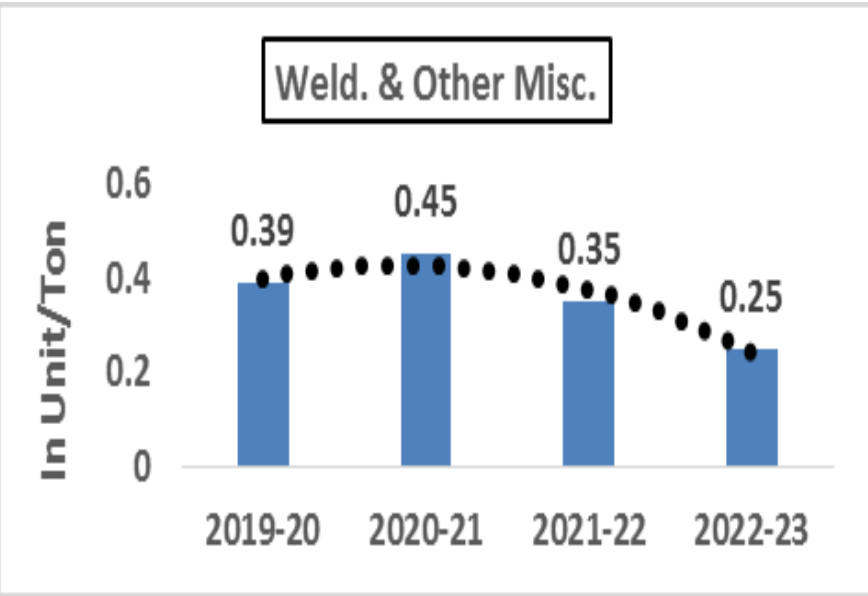
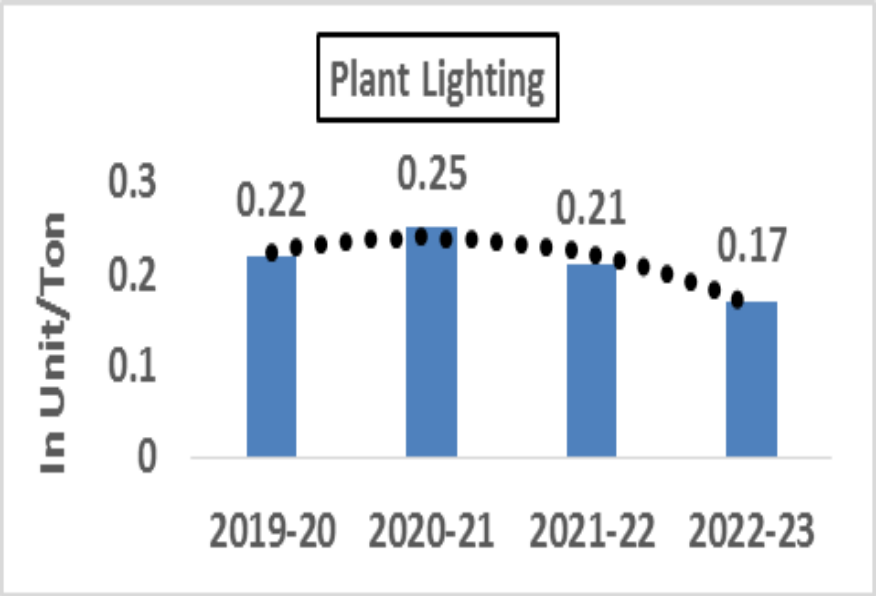
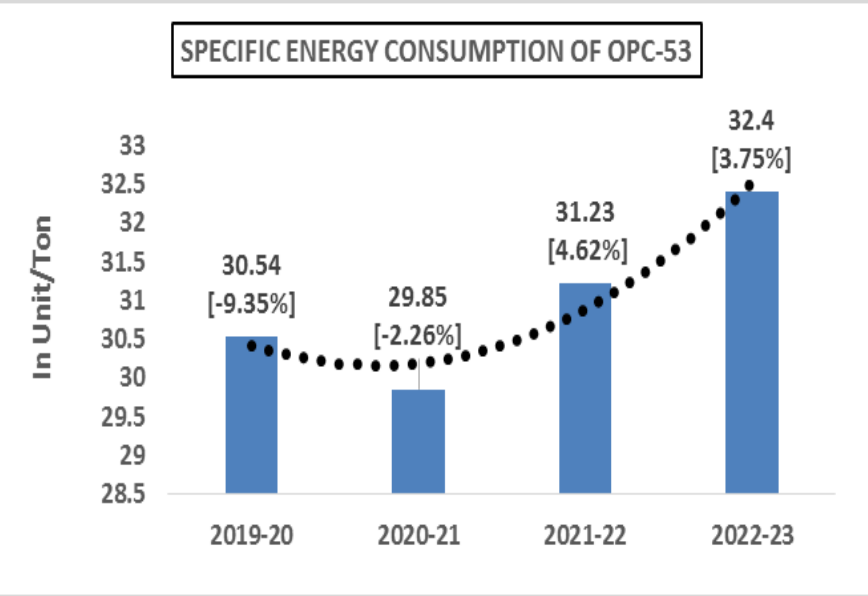
SURAT GRINDING UNIT





100% interchangeability in Packing Plant circuit between Silo(s) – Packer(s) – Belt(s) have contributed a lot in power reduction.



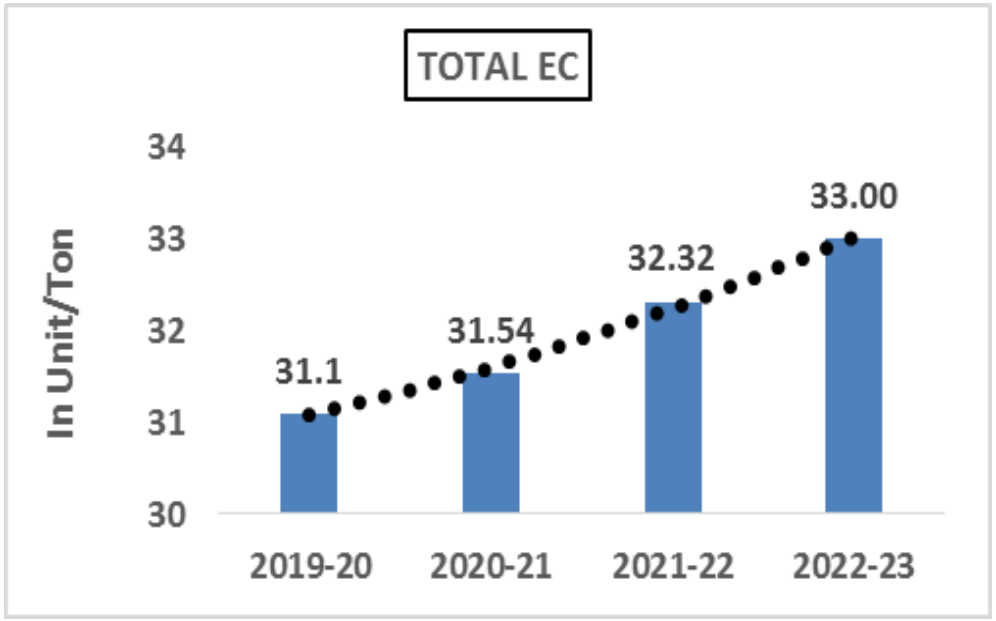


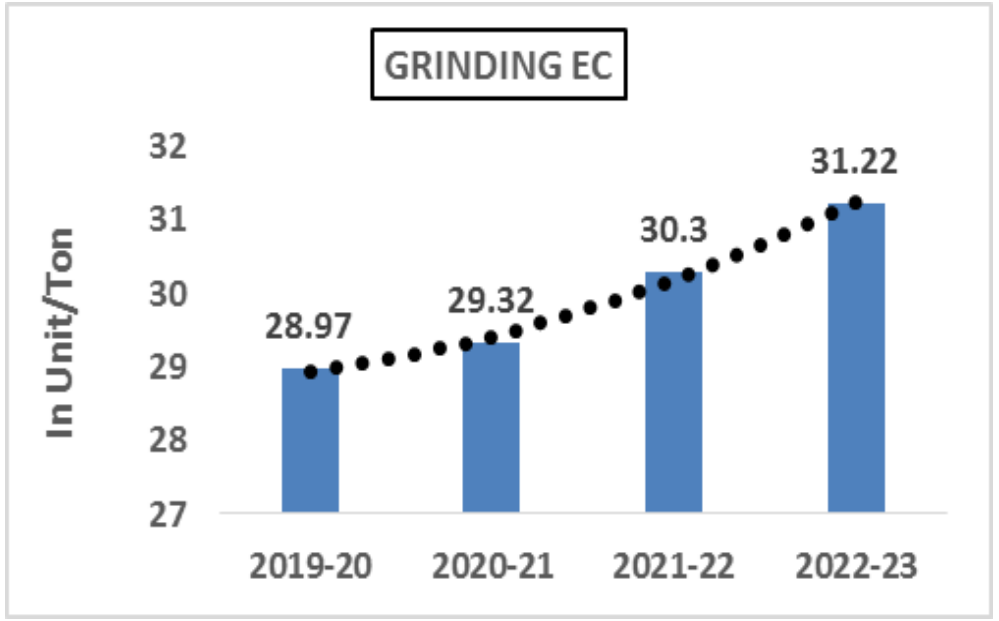
Overall **Power improvement** in OPC-53 cement:- **-3.23%.**

Note:- OPC-53 SEC Power has increased in 2022-23, due to change in clinker source.

2. Total and Grinding EC from FY 2019-23

JK LAKSHMI CEMENT Ltd.
SURAT GRINDING UNIT





Grinding EC and Total EC have increased due to increased production of OPC-53 from 59.88% in 2019-20 to 66.79% in 2022-23 and decrease in production of PPC from 23.42% in 2019-20 to 0.29% in 2022-23.

% OF PRODUCTION				
FY	**2019-20**	**2020-21**	**2021-22**	**2022-23**
OPC-53	59.88 %	55.56 %	64.38 %	66.79 %
COC	13.67 %	36.07 %	32.07 %	30.5 %
PPC	23.42 %	1.18 %	0.81 %	0.29 %

2. Total and Grinding EC from FY 2019-23

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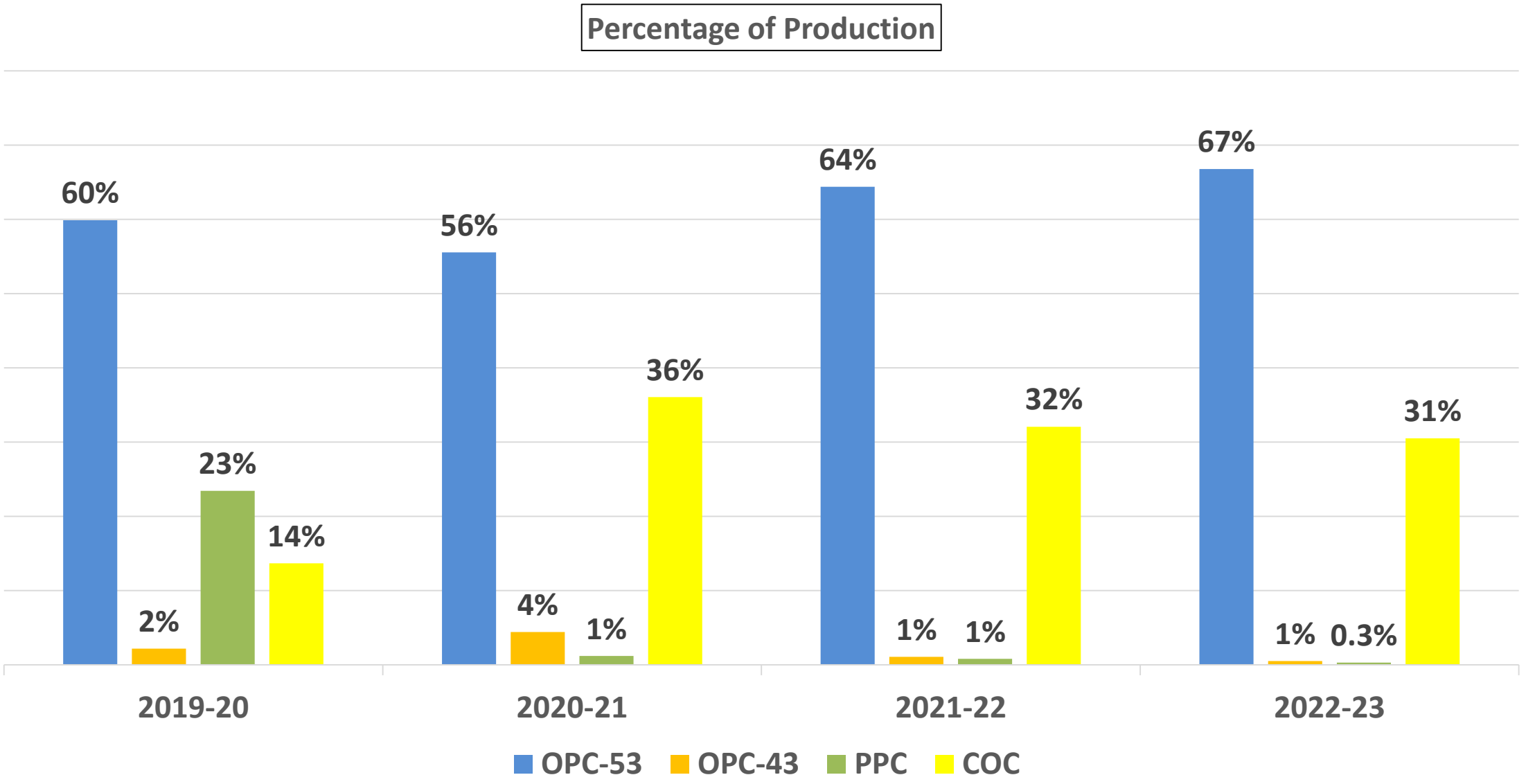
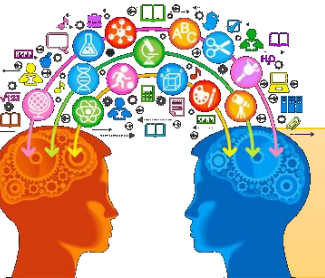


3. Information on Competitors, National & Global benchmark

NATIONAL & GLOBAL ENERGY BENCHMARKING		
Sr. No.	**Name of Competitors**	**EC Grinding Values (FY 21-22)**
1	JK Cement, Jharli	20.56
2	Heidelberg Cement India Ltd.-Unit Jhansi	23.76
3	JK Lakshmi Cement Ltd.-Unit Surat	31.32

Here we find a room for improvement in our performance activities and a void between top performing competitors. We continue to strive for the better results in FY 2023-24. For that we have developed an action plan and have aligned ourselves to achieve the bench markings.

Ref. Energy Consumption data reported in earlier Energy Award Programs.



3. Road Map to achieve The Target

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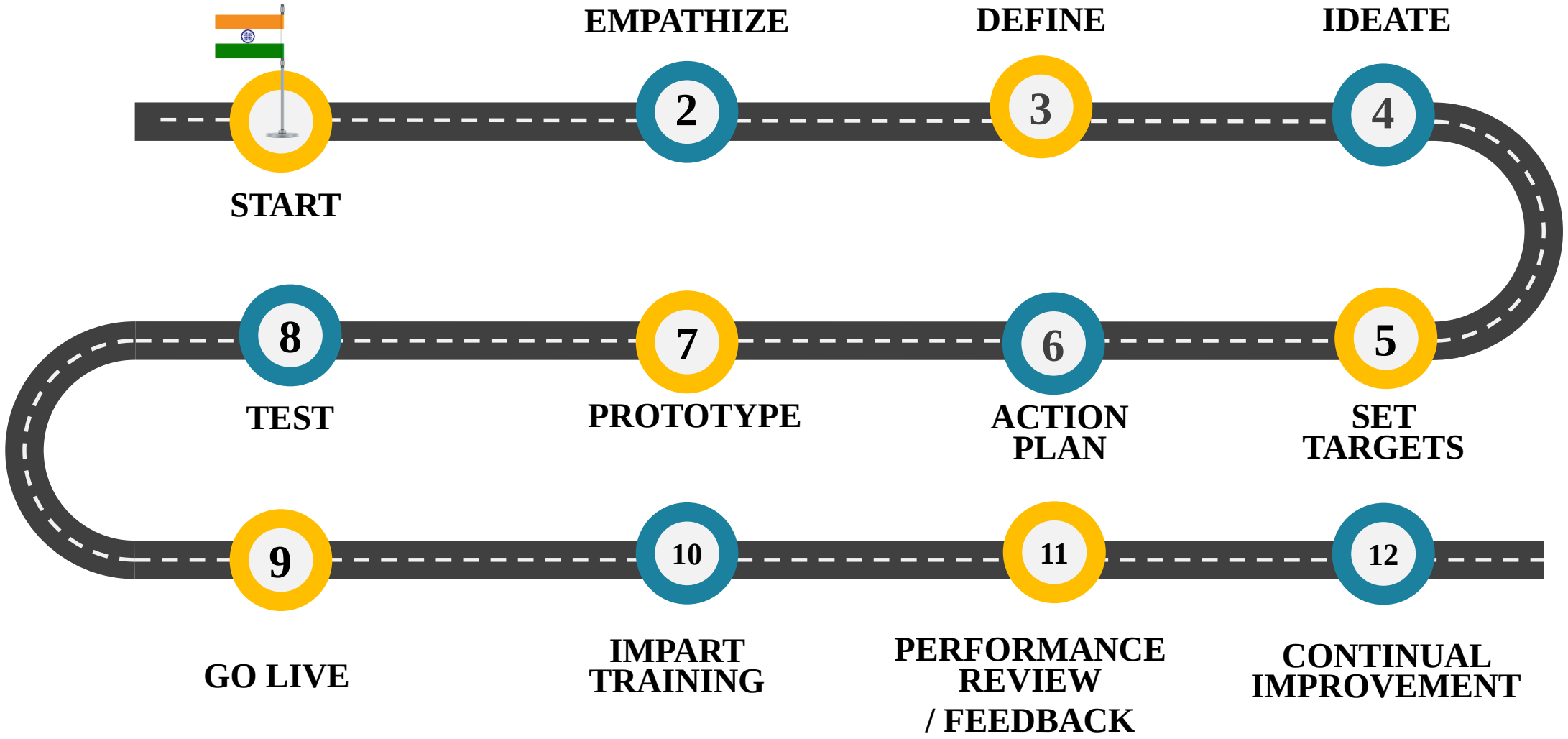

Moving towards excellence

3. Information on Competitors, National & Global benchmark

JK LAKSHMI CEMENT Ltd.
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ACTION PLAN TO ACHIEVE NATIONAL/GLOBAL BEST SEC	
SR. NO.	**ACTION PLAN FY 2023-24**
1	Use of wet and dry fly ash in manufacturing of cement.
2	Will ensure continuous use of 100% Chemical Gypsum which is a waste product of chemical industry.
3	Promote and motivate suppliers having focus on green energy.
4	Purchase of 5 star rated and energy efficient electrical products.
5	Usage of STP treated water for gardening.
6	Use of recyclable cement bags for dispatching cements.
7	To expand our "Green Energy Footprints we are purchasing power from renewable sources which will reach 60%-65% of our total consumption. To achieve this we are working for Solar Wind hybrid power purchase from M/s Continuum Energy from December 2023 onwards, over and above existing sources. Along with this we'll continue to purchase wind power from M/s Trinetra 20%-25% of Total Energy consumption.
8	Will incline our plant operation timings in such a way so that our solar generation utilization is maximized.
9	Have achieved best "TURN AROUND TIME" from last 4 consecutive years and will continue to strive for the same.

3. Information on Competitors, National & Global benchmark

JK LAKSHMI CEMENT Ltd.
SURAT GRINDING UNIT

LIST OF ENCON PROJECTS PLANNED FOR FY 2023-24			
Sr. No.	Title of Project	Annual Saving (Million kWh)	Investment (Rs in Million)
1	Reduce pressure drop across CM separator	0.078	1
2	Optimize operation of silo top bag filters by interlocking VFD rpm with silo suction	0.0072	0.1
3	Installation of New LP Screw compressor for Fly Ash Unloading	0.171	1.6
4	Convert existing Cement Mill into mono chamber mill	0.39	3
5	Optimize performance of PID loops	0.21	1
6	Reducing the compressed air leakage in Packing plant	0.02	0
7	Adding VFD in screw compressor for reducing power consumption.	0.072	0.3

4. Energy Saving projects implemented in last Four years

JK LAKSHMI CEMENT Ltd.
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Year	No of Energy saving projects	Investments (INR Millions)	Electrical savings (Million kWh)	Savings (INR Million)	Impact on SEC (Electrical kWh /MT cement)
FY 2019-20	4	0.300	0.037	0.306	0.048
FY 2020-21	2	0.020	0.045	0.358	0.08
FY 2021-22	4	4	0.027	0.216	0.035
FY 2022-23	3	0.003	104.100	0.221	0.002

Let Us Make Our Plant a Better Plant Every Moment

5. Innovative Projects implemented

JK LAKSHMI CEMENT Ltd.
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❖ GREEN PAHAL BEHTAR KAL:-

Brief description on why innovative:- JK Lakshmi cement Ltd. becomes India's first cement company to deploy Green LNG trucks for transportation.

Impact created:- The Company flagged off a fleet of 10 Green LNG trucks form its Sirohi plant in Rajasthan to transport its clinker to the Surat grinding unit. The Green Pahal, Behtar Kal Campaign is a prime example of this, aimed at creating awareness about the importance of improving energy efficiency saving the environment. Deploying LNG trucks is our first step towards sustainable transportation as LNG is an excellent green alternative for fossil fuel that saves 35000 Kg CO2 (equivalent to 41176kWh) emissions per year per truck. This initiative will act as a game-changer for the country's cement transportation industry and help facilitate the eventual transition towards a more circular economy."

Replication potential:- Easy.

5. Innovative Projects implemented

JK LAKSHMI CEMENT Ltd.
SURAT GRINDING UNIT

❖ REPLACEMENT OF PPC WITH COMPOSITE CEMENT CoC:-

Brief description on why innovative:- Replacement Of PPC With Composite Cement CoC.

Impact created:- First cement industry to introduce composite cement in Gujarat state. Homogeneous blending of highly reactive Fly Ash, high glass content Slag and high - quality Clinker results in this modern product resulting in numerous benefits to the customers and society at large. Composite Cement produced by JK Lakshmi Cement has resistant properties from alkaline and sulphate environments which makes it ideal for coastal regions. This is a highly progressive cement offering better cohesiveness, superior workability and less water requirement than Ordinary Portland Cement (OPC). Manufacturing of composite cement instead of PPC in FY-2022-23 we produced 270661 ton of CoC cement, resulting in consumption of 55850 ton of slag and reduced 12% clinker consumption.

Replication potential:- Replication potential is medium, with proper product design and manufacturing process strategies it can be implemented in Indian industry.

6. Utilisation of Renewable Energy sources

JK LAKSHMI CEMENT Ltd.
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Year	Technology (electrical)	Type of Energy	Onsite/Offsite	Investment made (Rs. Million)	Installed Capacity (MW)	Capacity Addition	Generation (million kWh)	Utilization (million kWh)	% of Overall Electrical Energy
FY 2020-21	Renewable	Solar	Onsite	None	2.2	None	3.09	1.88	17.48%
	Renewable	Wind	Offsite	None	2.362	None	5.28	5.28	29.93%
FY 2021-22	Renewable	Solar	Onsite	None	2.2	None	3.16	2.53	12.85%
	Renewable	Wind	Offsite	None	2.362	None	5.32	5.32	21.63%
FY 2022-23	Renewable	Solar	Onsite	None	2.2	None	3.02	2.56	10.32%
	Renewable	Wind	Offsite	None	2.362	None	4.64	4.64	15.83%

Note:- 1. Maintenance cost of Onsite solar power plant is 1.2 Million INR per year.

7. Waste utilization and management

JK LAKSHMI CEMENT Ltd.
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Sr. No.	FY	Chemical Gypsum	Fly-Ash /Additive	Slag	Total Cement Grinding (MT)
1	2019-2020	22815	96076	21651	774044
	% of Material Uses	3%	12%	3%	100%
2	2020-2021	15209	60205	40557	559642
	% of Material Uses	3%	11%	7%	100%
3	2021-2022	21121	78589.5	49981	761370
	% of Material Uses	3%	10%	7%	100%
4	2022-2023	26394	79893	55850	887272
	% of Material Uses	3%	9%	6%	100%

Note:- Chemical gypsum has been used as an **replacement of mineral gypsum**. Dry Fly-ash, Wet Fly-ash and Slag are being used as a **replacement of clinker.**

Gypsum Yard

Slag Yard

7. Infrastructures

Paver Blocks are used in Parking area, Walkways, pathways and Roads construction.

Fly-ash bricks used in the making of walls for Plant Offices, Packing plant, gypsum yard, slag yard etc.

For plant beautification, fish pond and gardening tiles stones wastes are used for making ways.

All office building roofs are made of tin shed or using precast bricks. No red bricks used in plant.

8. GHG Inventorisation

JK LAKSHMI CEMENT Ltd.
SURAT GRINDING UNIT

Annual Report GHG Report								
Sr. No.	Financial Year	GHG Emission (tonnes) Scope 1	GHG Emission (tonnes) Scope 2	GHG Emission (tonnes) Scope 3	GHG Emission (tonnes) Total	Production MT	Net CO2 Emission in Tons	CO2 Emission in per ton of cement ground
1	2019-20	21	17502	2274	19797	774044	17023	0.022
2	2020-21	12	12939	2417	15367	559642	12836	0.023
3	2021-22	17	18862	2642	21521	761370	18929	0.025
4	2022-23	14	21112	3330	24456	887272	18443	0.021

Public Disclosure:- LED screen placed outside of plant premises for displaying live SPM and weather data.

8. Initiatives on Carbon reduction:-

JK LAKSHMI CEMENT Ltd.
SURAT GRINDING UNIT

Facility of Car-pooling for staffs arriving duties, results in 356.97Kg of Carbon emission reduction annually.

Proper inspection of PUC certificate of all vehicles entering plant premises including Staffs, workers, vendors, contractors etc.

9. Green Supply Chain Management:-

JK LAKSHMI CEMENT Ltd.
SURAT GRINDING UNIT

JK LAKSHMI CEMENT Ltd.

SUSTAINABILITY POLICY

JK Lakshmi Cement Ltd. is committed to maintain and innovate our operations and processes to remain in harmony with Nature, Society and Economy. We are focused on responsible governance that integrates various dimensions of sustainability towards betterment of stakeholders and nurtures the legacy of future generation.

The Company is committed to:

- Safeguarding the values of Environmental, Social and Corporate integrity ingrained in the working practices.
- Adopting resource efficient technology, identify processes, equipment & systems to reduce consumption of fuel, raw materials, energy, water etc.
- Working towards Climate Change, monitoring and mitigating our emissions through innovation and scientific acceptance.
- Promoting use of alternate fuel sources and use of renewal energy.
- Reduce water footprint through effective implementation of conservation strategies, efficient wastewater management system and creating awareness within the organization and to the society.
- Adopting sustainable mining practices including quarry rehabilitation, biodiversity management and stakeholder interactions.
- Maintaining transparency in reporting disclosures and integrity in our communications with our stakeholder.
- Implementation of Sustainable Supply Chain Management system through innovative supply chain systems and logistics.
- Addressing social responsibility towards inclusive growth and welfare of local community through regular involvement and engagement programs.
- Implementation of OH&S standards and guidelines through providing training, resources and education to employees, workers, and visitors.
- Capacity building of our employees and stakeholders for recurring advancement in quality of products, productiveness, and profitability.
- Conducting rigorous audits, evaluations, and self-assessments of implementation of the implementation of this policy.
- Providing a safe and pleasant workplace free from hazard & risk.
- Reduce energy consumption by ensuring the responsible use of energy throughout the organization.
- Increase the share of renewable energy throughout the organization.
- Working with suppliers who promote best environmental & sustainable practices.
- Enhancing awareness among our employees, volunteers and users-education and motivating them to act in an environmentally responsible manner.

This policy shall be reviewed periodically for its suitability and updated as necessary.

Date: 01/05/2023
Place: New Delhi

Arun Shukla
(President & Director)

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Regd. & Works Office: Jaykaypuram, Distt. Sirohi, Rajasthan; Phone: 02971-244409/ 244410; Fax: 02971-244417; E-Mail: lakshmi_cement@jc.jkmail.com

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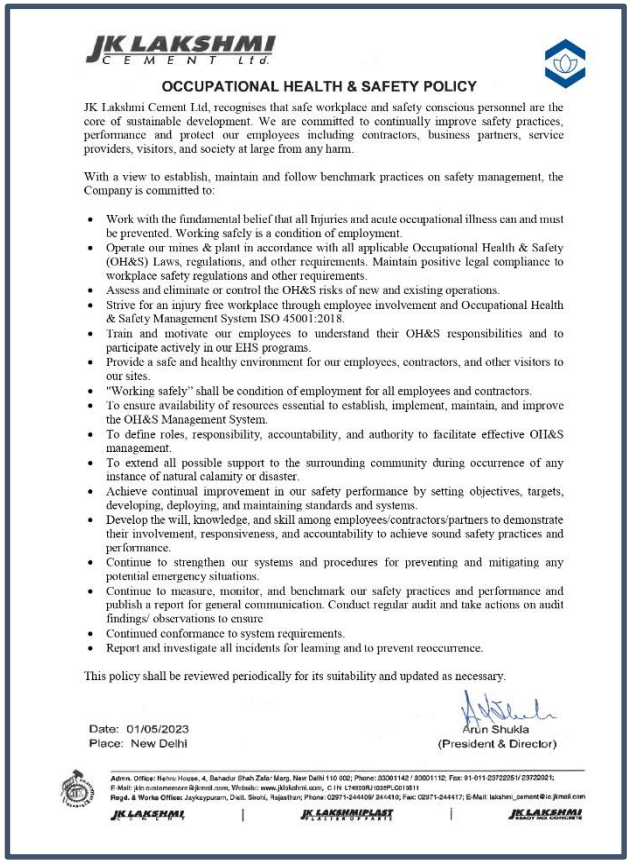

JK LAKSHMI CEMENT Ltd.

OCCUPATIONAL HEALTH & SAFETY POLICY

JK Lakshmi Cement Ltd, recognises that safe workplace and safety conscious personnel are the core of sustainable development. We are committed to continually improve safety practices, performance and protect our employees including contractors, business partners, service providers, visitors, and society at large from any harm.

With a view to establish, maintain and follow benchmark practices on safety management, the Company is committed to:

- Work with the fundamental belief that all Injuries and acute occupational illness can and must be prevented. Working safely is a condition of employment.
- Operate our mines & plant in accordance with all applicable Occupational Health & Safety (OH&S) Laws, regulations, and other requirements. Maintain positive legal compliance to workplace safety regulations and other requirements.
- Assess and eliminate or control the OH&S risks of new and existing operations.
- Strive for an injury free workplace through employee involvement and Occupational Health & Safety Management System ISO 45001:2018.
- Train and motivate our employees to understand their OH&S responsibilities and to participate actively in our EHS programs.
- Provide a safe and healthy environment for our employees, contractors, and other visitors to our sites.
- "Working safely" shall be condition of employment for all employees and contractors.
- To ensure availability of resources essential to establish, implement, maintain, and improve the OH&S Management System.
- To define roles, responsibility, accountability, and authority to facilitate effective OH&S management.
- To extend all possible support to the surrounding community during occurrence of any instance of natural calamity or disaster.
- Achieve continual improvement in our safety performance by setting objectives, targets, developing, deploying, and maintaining standards and systems.
- Develop the will, knowledge, and skill among employees/contractors/partners to demonstrate their involvement, responsiveness, and accountability to achieve sound safety practices and performance.
- Continue to strengthen our systems and procedures for preventing and mitigating any potential emergency situations.
- Continue to measure, monitor, and benchmark our safety practices and performance and publish a report for general communication. Conduct regular audit and take actions on audit findings/ observations to ensure
- Continued conformance to system requirements.
- Report and investigate all incidents for learning and to prevent reoccurrence.

This policy shall be reviewed periodically for its suitability and updated as necessary.

Date: 01/05/2023
Place: New Delhi

Arun Shukla
(President & Director)

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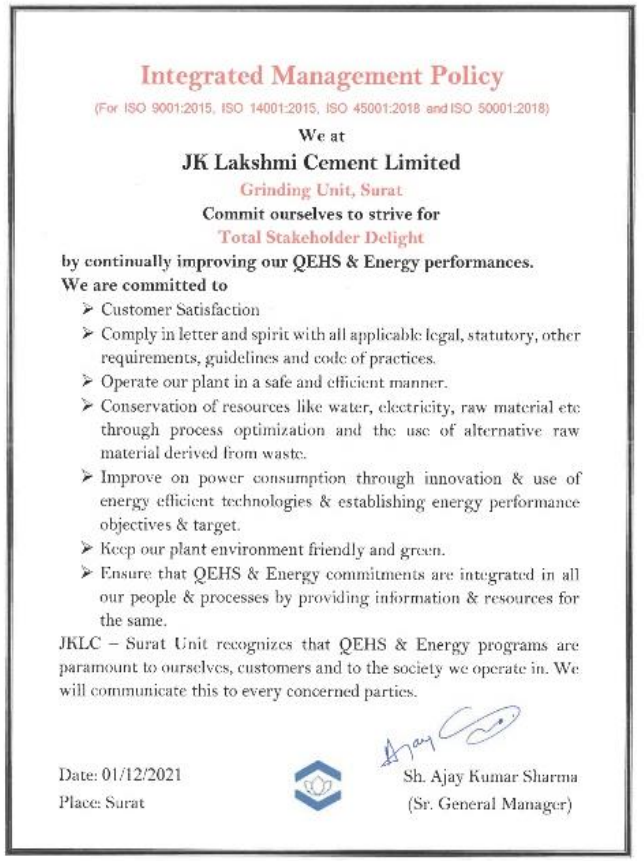


Integrated Management Policy

(For ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 and ISO 50001:2018)

We at

JK Lakshmi Cement Limited

Grinding Unit, Surat

Commit ourselves to strive for

Total Stakeholder Delight

by continually improving our QEHS & Energy performances.

We are committed to

- Customer Satisfaction
- Comply in letter and spirit with all applicable legal, statutory, other requirements, guidelines and code of practices.
- Operate our plant in a safe and efficient manner.
- Conservation of resources like water, electricity, raw material etc through process optimization and the use of alternative raw material derived from waste.
- Improve on power consumption through innovation & use of energy efficient technologies & establishing energy performance objectives & target.
- Keep our plant environment friendly and green.
- Ensure that QEHS & Energy commitments are integrated in all our people & processes by providing information & resources for the same.

JKLC – Surat Unit recognizes that QEHS & Energy programs are paramount to ourselves, customers and to the society we operate in. We will communicate this to every concerned parties.

Date: 01/12/2021
Place: Surat

Sh. Ajay Kumar Sharma
(Sr. General Manager)

We have,

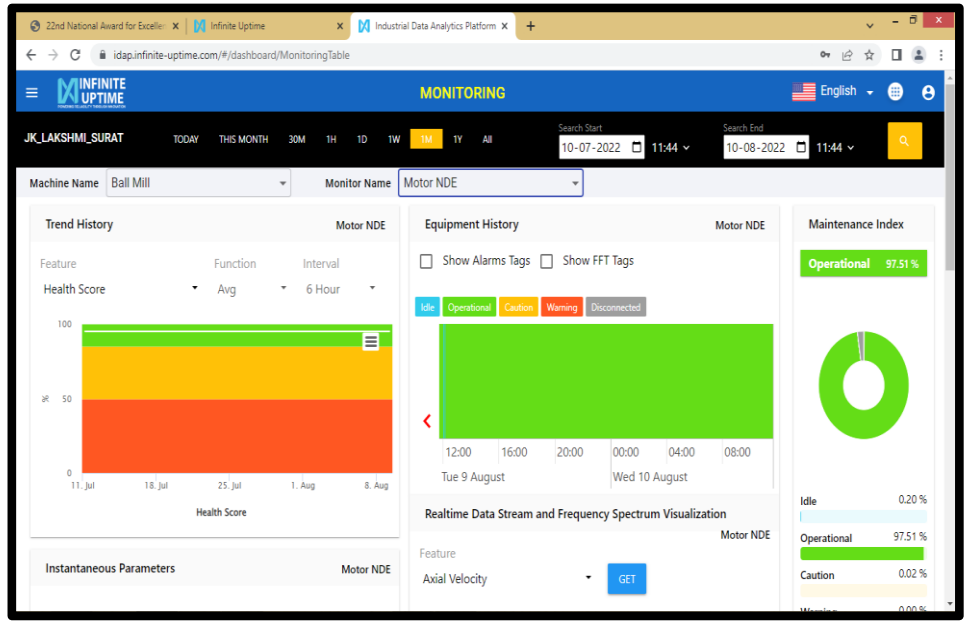
1. Sustainability Policy on Organisation level which is committed to maintain and innovate our operations and process to remain in harmony with Nature, Society and Economy.
2. Corporate Environment Policy that abide us in making efforts to integrate the environment concerns.
3. Integrated Management Policy at unit level making us committed towards Green Supply Chain Management.

10. Teamwork, Employee Involvement & Monitoring:-

JK LAKSHMI CEMENT Ltd.
SURAT GRINDING UNIT

Daily Monitoring System:- Live monitoring & Alert based IOTs sensors installed for tracking key metrics like MTBF, Health Scores etc. to improve the health of our rotatory assets (Ball Mill, VRPM, CA Fans and Aux. equipments).

It provides shift-wise OEE status with Pareto downtime reasons, productivity losses, and quality defects. This data, coupled with the current status of process yield per hour and process critical parameter analytics, shall help drive OEE improvement.



IOTs Sensors

10. Teamwork, Employee Involvement & Monitoring:-

JK LAKSHMI CEMENT Ltd.
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Imparting EnMS training, TBT, BBS to Staff, Workers, contractual workmen, labours, families etc. related to energy use and consumption on Weekly/monthly basis.

Daily review meeting chaired by Unit Head Shri. Ajay Sharma Sir, Sr. General Manager.

Electric Safety Training imparted to workmen and staff.

Electric Safety Training imparted in nearby schools.

11.NET ZERO Commitment RE100 and EP100:-

JK LAKSHMI CEMENT Ltd.
SURAT GRINDING UNIT

जेके लक्ष्मी सीमेंट जुड़ी आरई100 और ईपी100 के साथ 2040 तक 100 फीसदी नवीकरणीय उर्जा की शपथ लेने वाली चौथी विश्वस्तरीय सीमेंट कंपनी बनी

जयपुर (उदय दुबे)। अपनी उत्पादन प्रक्रिया को कार्बन-मुक्त बनाने एवं स्थायी भविष्य के निर्माण में योगदान देने के उल्लेखनीय प्रयास में भारत की अग्रणी सीमेंट निर्माताओं में से एक जेके लक्ष्मी सीमेंट विश्वस्तरीय कॉर्पोरेट नवीकरणीय ऊर्जा पहल आरई100 के साथ जुड़ गई है, विद्युत की 100 फीसदी मांग को नवीकरणीय स्रोतों से पूरा करना इस पहल का मुख्य उद्देश्य है। कंपनी ने 2040 तक इस लक्ष्य को हासिल करने की प्रतिबद्धता तय की है। इस कदम के साथ कंपनी इस पहल के साथ जुड़ने वाली दुनिया की चौथी सीमेंट फर्म बन गई है, जो पर्यावरण एवं स्थायित्व की दिशा में जेके लक्ष्मी सीमेंट की प्रतिबद्धता की पुष्टि करता है। यह दुनिया के 400 अग्रणी कारोबारों क साथ शामिल हो चुकी है जो 100 फीसदी नवीकरणीय विद्युत की सोर्सिंग के लिए समर्पित हैं। कंपनी विश्वस्तरीय कॉर्पोरेट ऊर्जा प्रभावी पहल ईपी100 में भी शामिल हो गई है, जो उर्जा दक्षता में सुधार लाने के लिए प्रयासरत 120 से अधिक एनर्जी स्मार्ट बिज़नसेज़ को एक दूसरे के साथ जोड़ती है। कंपनी ने 2040 तक अपनी उर्जा उत्पादकता को दोगुना करने का लक्ष्य रखा है और ईपी100 में शामिल होने वाली 11वीं ऐसी कंपनी है जिसका मुख्यालय भारत में है। इस अवसर पर श्री अरूण शुक्ला, प्रेज़ीडेन्ट एवं डायरेक्टर, जेके लक्ष्मी सीमेंट लिमिटेड ने कहा, "हम हमेशा से स्थायी भविष्य के निर्माण के लिए कार्बन फुटप्रिन्ट कम करने और अपने संचालन में ऊर्जा प्रभावी तरीकों को अपनाने पर ज़ोर देते रहे हैं। पर्यावरण के अनुकूल व्यवहार को अपनाना जलवायु परिवर्तन के खतरे से लड़ने और हमारे पर्यावरण को गिरती गुणवत्ता से बचाने के लिए बेहद ज़रूरी है। इसके लिए हमने अपनी प्रोडक्शन युनिट्स में उर्जा प्रभावी तकनीकों को अपनाया है और कई सही कदम उठाए हैं। आरई100 और ईपी100 के साथ जुड़ना, हमारे लिए बहुत अधिक मायने रखता है, जो सुरक्षित पर्यावरण एवं स्थायी भविष्य के लिए हमारे सतत प्रयासों को दर्शाता है।'श्री अतुल मुदालियर, हैड ऑफ बिज़नेस एक्शन, भारत, क्लाइमेट ग्रुप ने कहा, "भारतीय कारोबार जलवायु को लेकर सक्रिय हैं। हमें खुशी है कि जेके लक्ष्मी सीमेंट ने आरई 100 और ईपी100 के साथ जुड़ने की शपथ ली हैं ऐसा करके उन्होंने उर्जा के स्वच्छ उपयोग एवं उर्जा उत्पादकता को बढ़ाने के लिए अपनी प्रतिबद्धता को दर्शाया है। जिससे वे उर्जा दक्षता के साथ जलवायु संरक्षण में योगदान दे सकेंगे। हम उनकी इस महत्वाकांक्षा की सराहना करते हैं। इस जलवायु दशक में यह सबसे ज़्यादा ज़रूरी है कि अधिक से अधिक कंपनियां स्थायी भविष्य एवं अनुकूल जलवायु के निर्माण क लिए सख्त कदम उठाएं।आरई100 का सदस्य होने के नाते सीमेंट जगत की यह दिग्गज नवीकरणीय उर्जा स्रोतों जैसे सोलर इंस्टॉलेशन और अपनी युनिट्स में वेस्ट हीट-रिकवरी कैपेसिटी आदि के माध्यम से अपनी विद्युत आवश्यकताओं को पूरा करने के लिए काम कर रही है। इससे कार्बन फुटप्रिन्ट को कम करने एवं संबंधित चुनौतियों को हल करने में मदद मिलेगी। ईपी100 प्रतिबद्धता के साथ कंपनी अपने संचालन के हर क्षेत्र को कार्बन मुक्त बनाने के लिए तत्पर है। कंपनी ने कच्चे माल के स्थानान्तरण के लिए एलएनजी ट्रक तैनात किए हैं और हाल ही में अपनी दुर्ग युनिट के लिए 56 मेगावॉट पावर के सोलर पावर प्लांट की स्थापना हेतु एमप्लस सोलर के साथ एक एग्रीमेन्ट भी किया है।

JK Lakshmi Cement Joins RE100 and EP100; becomes 4th Global Cement Company to Pledge 100% Renewable Energy by 2040

Sunvilla News: Ahmedabad

In a major move to make its production process carbon-free and contribute to creating a sustainable future, JK Lakshmi Cement, one of India's leading cement manufacturers, has joined RE100, a global corporate renewable energy initiative to ensure meeting 100% electricity demand through renewable sources. The company has committed to meeting this target by 2040. With this step, the company has become the 4 th cement firm globally to join the initiative which demonstrates its unflinching commitment toward environment and sustainability. It joins over 400 of the world's leading businesses dedicated to sourcing 100% renewable electricity. The company has also joined EP100, a global corporate energy efficiency initiative that brings together over 120 energy smart businesses committed to measuring and reporting on energy efficiency improvements. The company has committed to doubling energy productivity by 2040 and is the 11 th India-headquartered company to join EP100. Commenting on the move, Mr. Arun Shukla, President & Director, JK Lakshmi Cement Ltd. said.

12.Implementation of ISO 50001/Green Co/IGBC rating:-

JK LAKSHMI CEMENT Ltd.
SURAT GRINDING UNIT

Bureau Veritas Certification

JK LAKSHMI CEMENT LTD.

VILLAGE: DASTAN, TALUKA: PALSANA, SURAT – 394 310, GUJARAT, INDIA.

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the Management System standard detailed below.

Standard

ISO 50001:2018

Scope of certification

MANUFACTURING AND PACKING OF ORDINARY PORTLAND CEMENT (OPC), PORTLAND POZZOLANA CEMENT (PPC) AND COMPOSITE CEMENT.

Original cycle start date: **27 April 2018**
Expiry date of previous cycle: **26 April 2021**
Recertification Audit date: **21 April 2021**
Recertification cycle start date: **14 June 2021**

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: **26 April 2024**

Certificate No. **IND.21.5454/EN/U** Version : **1** Revision date: **14 June 2021**

Signed on behalf of BVCH SAS – UK Branch
Jagdheesh N. MANIAN
Head – CERTIFICATION, South Asia
Commodities, Industry & Facilities Division

UKAS MANAGEMENT SYSTEMS 0008

Certification body address: 5th Floor, 66 Prescot Street, London, E1 8HG, United Kingdom.

Local office: Bureau Veritas (India) Private Limited (Certification Business) 72 Business Park, Mamil Industrial Area, MIDC Cross Road "C", Andheri (East), Mumbai – 400 093, India

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organization. To check this certificate validity please call **+91 22 6274 2000**.

IGBC CERTIFICATE

IN THE MAKING

Already applied Ref. No. GF 21 1177

13. Awards and Recognitions:-

JK LAKSHMI CEMENT Ltd.
SURAT GRINDING UNIT


NATIONAL SAFETY COUNCIL OF INDIA
SAFETY AWARDS - 2021
Manufacturing Sector
(Group D)
PRASHANSA PATRA
awarded to
JK Lakshmi Cement Ltd.
Palsana, Surat, Gujarat
in recognition for their
good performance in OSH
during 2018 - 2020
LALIT GABHANE
DIRECTOR GENERAL
S.N. SUBRAHMANYAN
CHAIRMAN
Navi Mumbai: 4th June, 2022

Prashansa Patra-2021- NSCI for good performance in OSH during 2018-20.


राष्ट्रीय सुरक्षा पुरस्कार
निष्पादन वर्ष - 2018
NATIONAL SAFETY AWARD
FOR THE PERFORMANCE YEAR 2018
विजेता / WINNER
दुर्घटना मुक्त वर्ष पर आधारित
BASED ON ACCIDENT FREE YEAR
जे के लक्ष्मी सीमेंट लिमिटेड, सूरत, गुजरात को प्रदान किया गया
PRESENTED TO J K LAKSHMI CEMENT LIMITED, SURAT, GUJARAT

National Safety Award-2018


CII
Confederation of Indian Industry
CII-Green Products and Services Council
hereby certifies that
Composite Cement (COC)
(GPJK83008)
Manufactured by JK Lakshmi Cement Limited at their integrated plants in Sirohi - Rajasthan, Durg - Chattisgarh and grinding units located at Kalol, Gujarat, Jhajjar, Haryana and Surat, Gujarat, meets the requirements of GreenPro Certification and qualifies as Green Product. This certification is valid till December 2021
Jamshyd N Godrej
Chairman
CII-Godrej GBC
ParasuRaman R
Chairman
CII-Green Products & Services Council
K S Venkatagiri
Executive Director
CII-Godrej GBC

CII-Green Pro Certification for COC cement


CII
Confederation of Indian Industry
CII-Green Products and Services Council
hereby certifies that
Portland Pozzolana Cement (PPC)
(GPJK83001)
Manufactured by JK Lakshmi Cement Limited at their integrated plants in Sirohi - Rajasthan, Durg - Chattisgarh and grinding units located at Kalol, Gujarat, Jhajjar, Haryana and Surat, Gujarat, meets the requirements of GreenPro Certification and qualifies as Green Product. This certification is valid till December 2021
Jamshyd N Godrej
Chairman
CII-Godrej GBC
ParasuRaman R
Chairman
CII-Green Products & Services Council
K S Venkatagiri
Executive Director
CII-Godrej GBC

CII-Green Pro Certification for PPC cement


National Accreditation Board for Testing and Calibration Laboratories
(A Constituent Board of Quality Council of India)
CERTIFICATE OF ACCREDITATION
JK LAKSHMI CEMENT LTD.,
SURAT GRINDING UNIT
has been assessed and accredited in accordance with the standard
ISO/IEC 17025:2005
'General Requirements for the Competence of Testing & Calibration Laboratories'
for its facilities at
Kadodara Bardoli Highway, Village-Dastan, Tal. Palsana, Surat, Gujarat
in the field of
TESTING
Certificate Number TC-8013
Issue Date 23/10/2018
Valid Until 22/10/2020
Signed for and on behalf of NABL
Anil Relia
Chief Executive Officer

NABL Accreditation


JK LAKSHMI CEMENT LTD.
VILLAGE: DASTAN, TALUKA: PALSANA, SURAT – 394 310, GUJARAT, INDIA.
Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the Management System standards detailed below
Standards
ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018
Scope of certification
MANUFACTURING AND PACKING OF ORDINARY PORTLAND CEMENT (OPC), PORTLAND POZZOLANA CEMENT (PPC) AND COMPOSITE CEMENT
Original cycle start date For ISO 9001 & ISO 14001: 27 June 2018
Original cycle start date For ISO 45001: 26 June 2021
Recertification cycle start date: 26 June 2021
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 26 June 2024
Certificate No. IND.21.1994/IM/U Version : 1 Revision date: 26 June 2021
Bureau Veritas Certification

ISO 9001:2015, 14001:2015 ,45001:2018


CII
Confederation of Indian Industry
23rd National Award for
Excellence in Energy Management 2022
This is to certify that
JK Lakshmi Cement Limited, Surat
has been recognized as
"Energy Efficient Unit"
This acknowledgement is based on the evaluation by the panel of judges at the "National Award for Excellence in Energy Management" held during 23 - 25 August 2022
K S Venkatagiri
Executive Director
CII - Godrej GBC
Ravichandran Purushothaman
Chairman, Energy Efficiency Council
CII - Godrej GBC

CII-Energy Efficient Unit, 2022

Let Us Make Our Plant, A Better Plant, Every Moment.