



Confederation of Indian Industry



GreenCo Rating *for* *IT Sector*

Pilot Version
December 2016



www.greenco.in

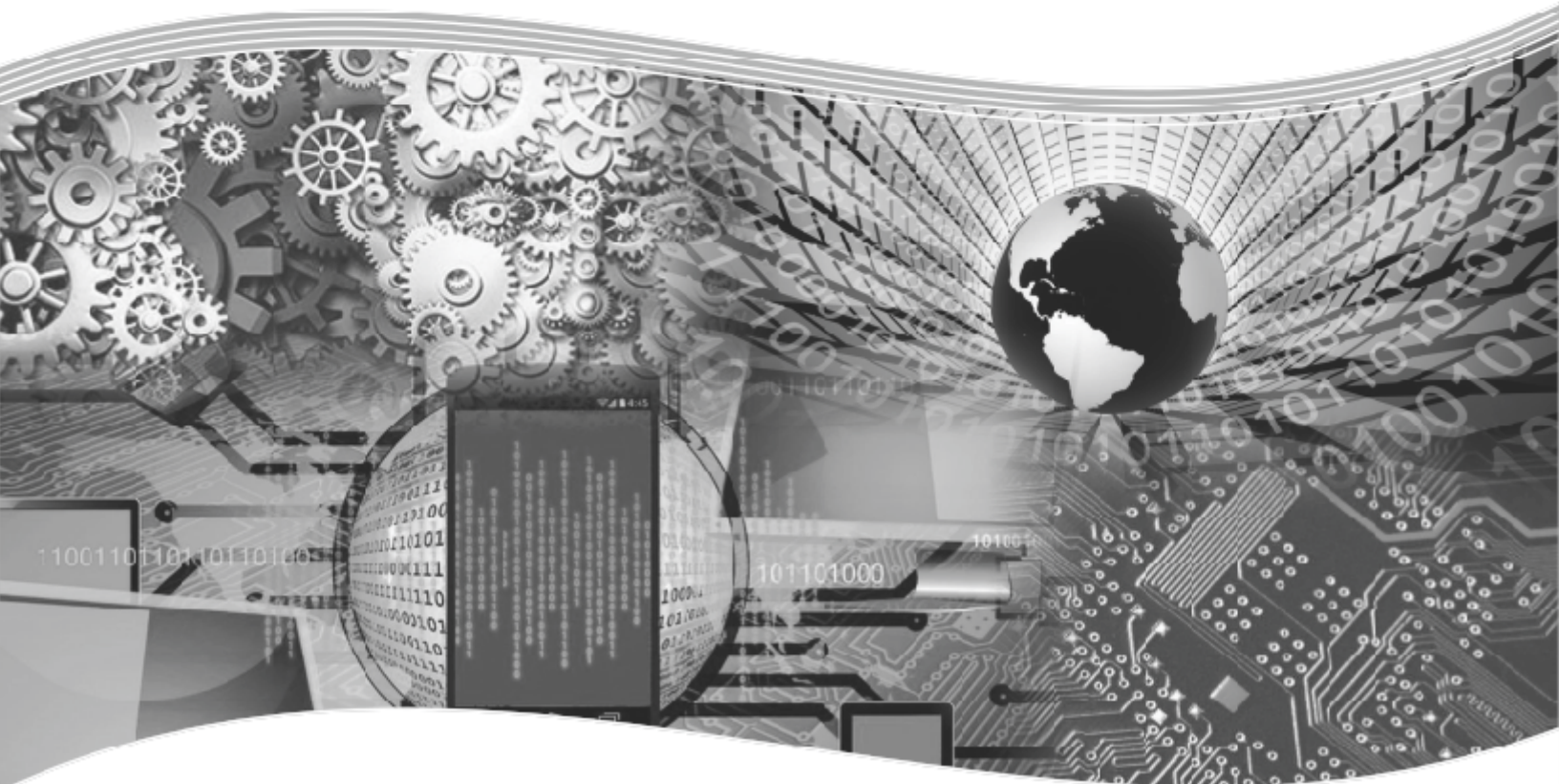


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Introduction

A new common wisdom has emerged among businesses that promises the ultimate reconciliation of environmental and economic concerns. Businesses have started thinking away from the conventional mind-set of help the environment and hurt your business, or irreparably harm your business while protecting the earth. Businesses are learning that being green is no longer a cost of doing business; it is a catalyst for innovation, new market opportunity, and wealth creation. The idea that a renewed interest in going green will result in increased profitability for business has widespread appeal.

Pursuing “Green” has become the new driver for companies on the quest towards growth, competitiveness and global excellence. In pursuit of going green, companies have taken several initiatives and this has resulted in substantial tangible and intangible benefits.

I. Background of the GreenCo Rating System

CII has been the pioneer organization in promoting green concepts across the country. To encourage industry tread this path, CII initiated the voluntary programme “Mission on Sustainable Growth” to facilitate ecologically sustainable business growth.

As a first step towards this direction, a CII - Code for Ecologically Sustainable Business Growth was developed aiming to involve the top management of companies and seek voluntary commitments towards reducing intensity of the consumption of energy, water and other natural resources and promote ecologically sustainable growth in their companies.

The initiative launched by CII in 2008 had evoked great interest from the Indian Industry. More than 450 organizations in India were voluntarily committed to this initiative.

Companies were taking a lot of efforts towards sustainable growth, however, a system to evaluate their actual performance was not available. The need to formulate a holistic system that will evaluate the overall environmental performance of the company was felt and hence the GreenCo Rating System was formed, a first-of-its-kind in the world rating system. The GreenCo Rating System acts as a tool for companies pursuing green, to assess where they stand and help in defining the path forward.

The GreenCo Rating System has received an excellent response stating that the Indian industry has appreciated the fact that 'Green Makes Good Business Sense'. As of December 2016, 84 companies are GreenCo rated and more than 250 companies are at different levels of execution of the rating system.

II. GreenCo Rating for IT Services

A strong global economy is sustainable only if it integrates economic, social, and environmental well-being. A dominant contributor to the global economy is the Information Technology (IT) sector. The global IT industry market, encompassing hardware, software, services, and telecommunications, was expected to reach \$3.8 trillion in 2016, up from \$3.7 trillion the previous year. IT sector contributes to nearly 5.8% of India's overall GDP. Over the past decade, the IT/ITeS industry in India, has been a story of unparalleled growth. The compounded annual growth rate of the industry has been over 25% in the last five years.

Digital technologies have changed our lives beyond what anyone might have imagined mere decades ago. IT has a special role to play in growth and development simply because of its empirical characteristics relevant to its current time. In particular, the recent and continuing rapid innovation in IT makes it a dynamic sector contributing to the global growth. However it cannot be denied that their rise happens to correspond with pressing demands on natural resources. When the excitement of the internet's information superhighway slowed down, companies with vision began to focus on perceiving and investing in new trends. One of these new trends is sustainability-oriented business. It considers, addresses and devises solutions to prevailing ecological, social, and economic problems, while also seeking to ensure the “triple bottom line” of their own firm, through realization of economic, environmental, and social returns.

The information technology (IT) sector is uniquely positioned to realize new opportunities from this shift. While utilities lack efficiency, technology companies focusing on innovation, insufficient resources in terms of money and manpower to effect a change, the IT giants have both. And most importantly, there is a growing need for the IT sector to look at sustainability-oriented operations. A full-fledged green transition in the IT sector is urgently needed.

While several manufacturing industries have taken major steps in greening the country through the GreenCo Rating System, it was imperative to expand the GreenCo rating in the services industry. The IT sector being a dominant player in the services sector, should also focus on its green transition. The GreenCo Rating System would be one of the best available tools for the IT services industry to adopt. Keeping in mind the operational intricacies of the IT services industry, the GreenCo Rating System is fine-tuned to suit the requirements of the industry. The rating system underwent stakeholder consultation with several sector experts, whose key inputs have been incorporated in the pilot of the GreenCo Rating System.

Note: The GreenCo Rating System for IT Services pilot version will be applicable to IT services companies that have complete operational and maintenance control over its campuses and buildings. For those companies with limitations in operations and control, the rating system will be suitably modified when need arises.

III. Benefits of the GreenCo Rating for IT Services

Application of GreenCo rating would address national priorities leading to benefits, such as energy efficiency, water conservation, renewable energy, waste management, green supply chain, etc. Some of the major benefits are highlighted below:

Energy Efficiency - Businesses consume energy for various reasons like operating machinery, running computers, office maintenance etc. The GreenCo rating system calls for energy monitoring and accounting system as well as technology that is less energy intensive. The rating system would help the organizations to benchmark their performance and guide them towards becoming competitive in energy efficiency. Involvement of employees and building capacity of them are also part of the rating system.

Water Conservation - Our requirements for water to meet our fundamental needs and our collective pursuit of higher living standards, coupled with the need for water to sustain our planet's fragile ecosystems, make water unique among natural resources. The increase in global population coupled with the rising economy increase the demand for water exponentially. According to World Bank estimates, today about 700 million people live in countries experiencing water stress or scarcity. By 2035, it is projected that 3 billion people will be living in conditions of severe water stress. Many countries with limited water availability depend on shared water resources, increasing the risk of conflict over these scarce resources. Effective water management strategies are the call of the hour to address the water crisis. The green company rating promotes sustainable use of water through “reduce, recycle, reuse and reclaim” strategies. It prescribes metering to monitoring water consumption, rain water harvesting and water use reduction strategies. Overall, this has the effect of reducing utility costs for businesses.

Renewable Energy - The adverse effects on environment caused by the production and consumption of energy have resulted in severe environmental impacts across the globe. With world economies taking commitments to reduce their share of carbon emissions contributing to the global warming, it requires countries to look at alternate sources of energy meet their growing energy demands. This not only allows for use of energy that is clean but also reduces the dependence on fossil fuels, which are major contributors of Green House Gases. Similarly, there are other sources of renewable energy that need to be explored and utilized. The Green Company

Rating System encourages businesses to employ clean and renewable energy. The ultimate goal is to offset 100% of the electrical energy / thermal by renewable energy. Although the initial investment on installing equipment for generating renewable energy is relatively high, the long term benefits of reduced maintenance cost, low operating costs and cost savings on fossil fuels makes it a lucrative proposition for businesses.

Green House Gases Reduction - The global average concentrations of various greenhouse gases in the atmosphere reached their highest levels ever recorded, and continue increasing. The combustion of fossil fuels from human activities and land-use changes are largely responsible for this increase. The ill effects of greenhouse gases generated by the consumption of fossil fuels are very well known. The GreenCo rating system guides businesses on reducing their Green House Gas emission by setting short term goals while working on a long term strategy. The ultimate goal is to make businesses “Carbon Neutral” i.e. they should be able to remove as much carbon dioxide from the atmosphere as they generate.

Waste Management & Material Conservation - The waste management sector is contributing 3-5 per cent of global man-made greenhouse gas (GHG) emissions, equal to around the current emissions from international aviation and shipping, according to some estimates. Since the waste collection and disposal facilities are not very efficient, most of the waste stagnates at its place of origin leading to several environmental issues. The Green Company Rating System recommends waste management strategies that enable businesses to identify and segregate different types of waste. The system presents guidelines on waste inventory study to enable businesses to quantify data on amount of waste generated and hence empower them to adopt suitable waste disposal strategies. The rating system recommends various waste reduction strategies with a major focus on hazardous, non-hazardous and e-waste. The reduction of waste generation also presents an excellent business case for the organization to pursue.

Material conservation and recycling is closely related to waste management. It is self-evident that the more we conserve and recycle/ re-use, the less waste we generate. Apart from this, by reusing materials there is a definite saving in costs. The cost savings is in the form of reduced material costs (as we reuse the same material) as well reduced waste disposal cost (since lesser waste is generated). The rating system promotes reuse and recycling of raw materials and discourages use of virgin materials.

Green Supply Chain - As environmental awareness among consumers increase, the demand for products with lower environmental footprint will also increase. In keeping with consumer sentiments, businesses will have to not only green their operations, but also across their supply chain. This calls for a rethink of the business' current procurement process. Studies have shown

that improved green supply chain processes means lower waste-disposal, lower environmental impact at the vendor premises and, often, reduced materials costs. The green rating system aims to make businesses aware of these benefits to their bottom-line so that they are encouraged to implement green supply chain processes.

IV. Green Rating System: Overview & Process

The GreenCo Green Company Rating System advocates a performance based approach. It is unique as it is highly performance oriented and significant weightage is provided for the performance/ results achieved (70%). The company has to perform and achieve superior performance in most of the Green parameters to reach the highest rating level. The rating system evaluates green features for companies against the following performance parameters:

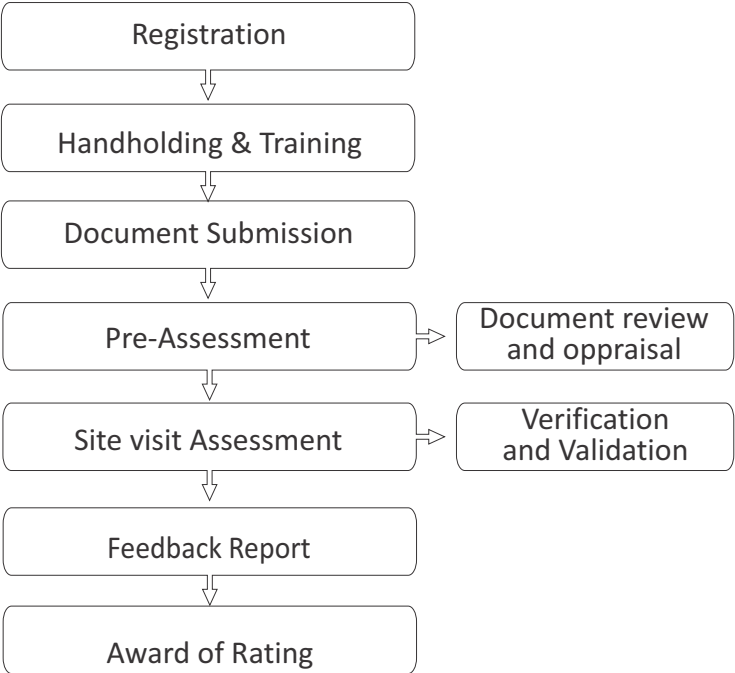
- * Energy Efficiency
- * Water Conservation
- * Renewable Energy
- * Greenhouse Gas Emission
- * Waste Management & Material Conservation
- * Green Supply Chain
- * Other Areas (Ventilation, Green Belt, Site Location & Innovation in above areas)

Weightages (points) are assigned to varying degrees of goals that are set for each of these parameters. For example, the points are awarded for reducing energy consumption. But points awarded will be higher for a business that demonstrates a higher degree of reduction in energy consumption compared to another business that demonstrates a lower degree of reduction in energy consumption. The companies at various levels of efficiency (for example, top 5 energy efficient plants in the world / national level) are also suitably recognized in this rating system.

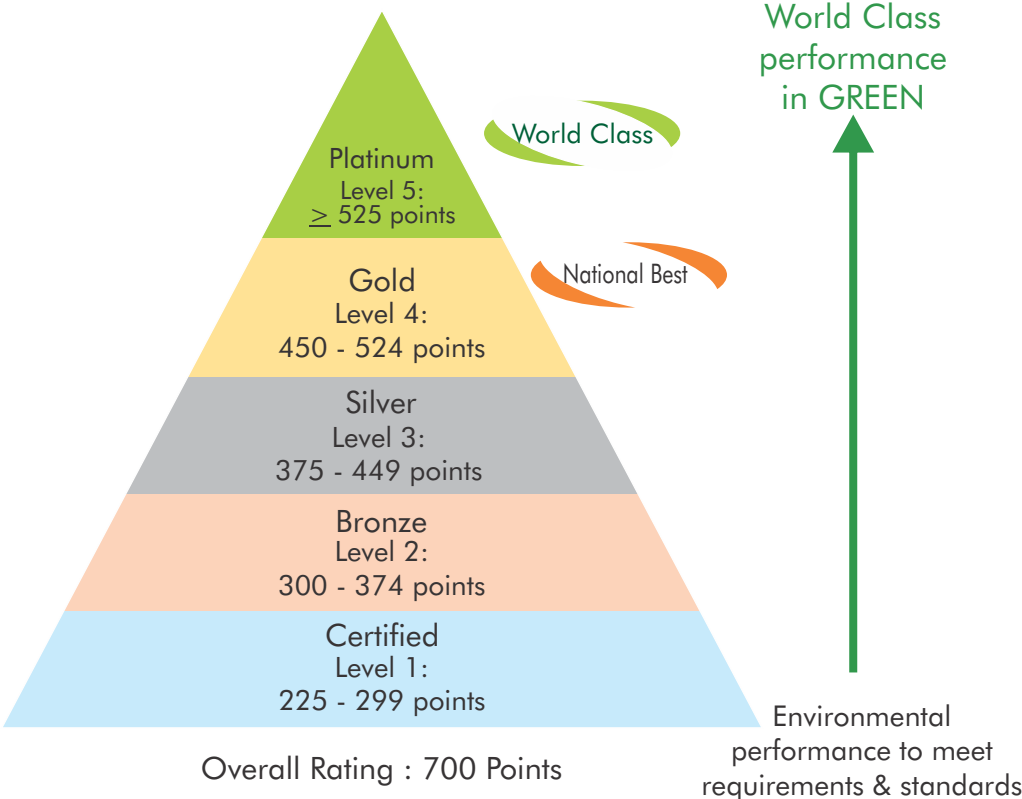
Green Company Rating System Registration

IT Services companies that are interested in participating in the GreenCo certification can register with CII - Godrej GBC on the website www.greenco.in. Registration is the initial step which establishes contact with CII - Godrej GBC and provides access to the required documents, templates, important communication and other necessary information.

Assessment Process



GreenCo Rating Levels



Rating Level

S No	Rating Level	Points
1	Platinum	≥525
2	Gold	450-524
3	Silver	375-449
4	Bronze	300-374
5	Certified	225-299

Criteria and Weightages

S. No.	Parameters	Points
1	Energy Efficiency	150
2	Water Conservation	100
3	Renewable Energy	100
4	GHG Emission Reduction	100
5	Waste Management & Material Conservation	100
6	Green Supply Chain	50
7	Others (Ventilation, Site Location & Innovation)	100
	Total	700

A training program would be organised for the companies registered for the GreenCo Rating. The objective of the training program is to aid the companies understand the rationale behind the various credit points. The company submits the filled up rating questionnaire to CII.

Subsequent to the receipt of the assessment questionnaire, site visit will be conducted by a team of independent assessors and representatives of CII. The number of site visits and assessors will be decided based on the size of the company / unit being assessed. The objective of site visit is to validate the data submitted as well as present to the company various improvement areas and opportunities. The rating will be communicated to the company by the Judges Panel

The rating will be periodically communicated and will be in the website of CII - Godrej GBC. There would also be an annual review to revalidate the rating as well as guide the organisation towards improvement. The rating is valid for 3 years and at the end of 3 years the companies will have to apply for the rating again. In between, if the company feels that they have improved their performances they can apply for a fresh rating. During the period of rating, the companies can use 'GreenCo' certified company in their letterheads and other corporate communication.

As a first step, CII - Godrej GBC is pleased to launch the pilot version of the GreenCo Green Company Rating System for IT Services.

Energy Efficiency (Max: 150 Points)			
Credit Number	Parameters	Points Allocated	Requirement
EE Mandatory Requirement - 1	Green Policy / Environmental Policy / Sustainability Policy		<ol style="list-style-type: none"> Demonstrate the commitment of the company towards green initiatives/activities covering energy, water, RE, Waste management, material conservation and GHG mitigation Green policy with a clearly defined objective and commitment to systematically reduce resource consumption and to improve resource efficiency Policy to be duly signed by the head of the facility / location /Head of the organization Policy to be communicated to all the employees
EE Mandatory Requirement - 2	GreenCo Implementation Cell		<ol style="list-style-type: none"> Establish GreenCo implementation team with a team leader whose role involves monitoring of resource consumption & implementation of improvement projects
EE Credit 1	Leadership and Strategy	20	
EE Credit 1.1	Target setting & action plan		<ol style="list-style-type: none"> Targets set for reduction in specific energy consumption <ol style="list-style-type: none"> Short term targets - one year Medium term targets - two to three years Long term targets - more than 3 years Action plan or identified projects to achieve the set targets Basis of setting targets <ol style="list-style-type: none"> Internal benchmarking National benchmarking International benchmarking
	>Internal benchmarking		5
	>National/World class benchmarks		10
EE Credit 1.2	Financial Resource Allocation at the beginning of the year		<ol style="list-style-type: none"> Mechanism of funding energy efficiency projects and initiatives Availability of budget over and above CAPEX and OPEX in terms of upfront financial resource allocation for energy projects that were not identified during the beginning of the year
EE Credit 1.3	Monthly reviews pertaining to Energy Efficiency		<ol style="list-style-type: none"> Monthly reviews involving top management for activities pertaining to achieving energy efficiency Review of specific energy consumption details, status of projects planned and implemented
EE Credit 2	Employee Involvement & Capacity Building	15	
EE Credit 2.1	Strategies adopted for awareness creation & employee involvement		<ol style="list-style-type: none"> Method of awareness creation for all employees on energy conservation Eg: Display of posters, competitions, awareness programs, energy conservation week, environment day celebration, suggestion schemes, etc.
EE Credit 2.2	Training program and capacity building		<ol style="list-style-type: none"> List of various capacity building/training programs conducted on energy conservation and efficiency Eg: Training programs from technology suppliers, participation in workshops, conferences on energy management, etc. Identify training needs of employees with regard to energy efficiency and organise programs accordingly
EE Credit 2.3	Energy scorecard		<ol style="list-style-type: none"> Energy performance to be linked with an individual's targets and performance Note: To be implemented for employees directly involved in energy conservation activities

Credit Number	Parameters	Points Allocated	Requirement
Credit 3	Energy Monitoring System	15	
Credit 3.1	Energy monitoring for all major equipment and major sections	5	1. Monitoring of overall energy consumption of the facility 2. Energy monitoring of all major equipment/sections and daily recording of energy consumption Eg: HVAC section wise, lighting wise, peripherals, data centers, etc.
Credit 3.2	Building management systems	5	1. To have a building management system 2. Effective utilization of BMS for energy conservation and efficiency improvement
Credit 3.3	Daily variance analysis and correction	5	1. Analysis of the daily energy report 2. Reports on corrective actions taken in case of an increase in energy consumption 3. Documentation of reasons for increase in energy consumption, analysis carried out and the corrective measures taken
Credit 4	Reduction in SEC in the last 3 years	50	
	> 5% reduction	10	1. Reduction in specific energy consumption in the last three years in terms of -
	> 10% reduction	20	a. units consumed per employee b. units consumed per square feet
	> 15% reduction	30	2. List of energy saving projects implemented in the last three years with
	> 20% reduction	40	a. energy saving achieved
	> 25% reduction	50	b. investment made c. payback period
Note:			
* New facilities - A new facility, which by design has implemented latest technologies, might not be able to provide a significant SEC reduction trend in 3 years time. To achieve full points under this credit, the facility will have to substantiate with the type of projects implemented by design and also demonstrate that the SEC is close to the best in sector SEC.			
* Old facilities - An older facility, which has been continuously demonstrating a good SEC reduction trend, might not be able to provide a significant SEC reduction trend in 3 years. For older facilities, the performance of the unit will be assessed for more than 3 years time frame, taking into consideration the types of projects implemented and its consistent performance in SEC reduction.			
Credit 5	Energy Efficiency improvement in Equipment	25	
			1. Performance evaluation of energy intensive equipment to be carried out and recorded 2. Equipment accounting for major consumption i.e. 80% of the total energy consumption of the unit to be considered for performance evaluation 3. Deviation of the present efficiency of the equipment from the design efficiency or the best efficiency of the equipment available in the market to be highlighted 4. Regular energy audits to improve equipment wise efficiency improvement to be carried out
Option 1	Units with data centers		1. Weightage of points between data centers and other equipment will be based on the actual % energy consumption by data centers and other equipment
Option 2	Units without data centers		1. Points will be awarded entirely on the performance of major energy consuming equipment. E.g Chiller compressors, Pumps, Cooling Towers, Lighting
Credit 6	Benchmarking	25	
	Internal benchmarking - with other facilities *	10	1. Internal benchmarking of performance with other units of the same company (*if the company does not have other units in different places, then equipment wise benchmarking needs to be done)
	Benchmarking with peers and competitors in similar climatic zones	15	2. Efforts to benchmark performance with peers and competitors in similar climatic zones
	Sub total	150	

Water Conservation (Max: 100 Points)			
Credit Number	Parameters	Points Allocated	Requirement
WC Credit 1	Leadership and Strategy	10	
WC Credit 1.1	Target setting & action plan	5	1. Targets set for reduction in specific water consumption <ol style="list-style-type: none"> Short term targets - one year Medium term targets - two to three years Long term targets - more than 3 years 2. Action plan or identified projects to achieve the set targets 3. Basis of setting targets
WC Credit 1.2	Monthly reviews on water conservation & management	5	1. Monthly reviews involving top management for activities pertaining to achieving water efficiency
WC Credit 2	Employee Involvement & Capacity Building	10	
WC Credit 2.1	Awareness creation & employee involvement	5	1. Method of awareness creation for all employees on water conservation Eg: Display of posters, competitions, awareness programs, environment day celebration, suggestion schemes, etc.
WC Credit 2.2	Training & capacity building	5	1. List of various capacity building/training programs conducted on water conservation and efficiency Eg: Training programs from technology suppliers, participation in workshops, conferences on water management, etc.
WC Credit 3	Metering & Overall Monitoring	10	
WC Credit 3.1	Water metering and overall monitoring	10	1. Overall metering and sub-metering of water consumption for domestic, cooling tower make up and gardening application 2. Water Balance Diagram
WC Credit 4	Reduction in Fresh Water Consumption in last three years	30	
	≥ 5% reduction	5	1. Reduction in specific water consumption in the last three years in terms of
	≥ 10 % reduction	10	a. domestic consumption (inclusive of cooling tower make up water) - water consumed per person per day
	≥ 15% reduction	15	b. gardening consumption - water consumed per square meter
	≥ 20% reduction	20	2. List of water saving projects implemented in the last three years with
	≥ 25% reduction	25	a. water saving achieved
	≥ 30% reduction	30	b. investment made c. payback period
Note:	* If the facility is a zero liquid discharge unit and if 100% of the water is recycled, the benchmark data on specific fresh water consumption will be used for evaluation. If the facility is one of the top performing units, then maximum points will be provided under this credit.		

Water Conservation (Max: 100 Points)			
Credit Number	Parameters	Points Allocated	Requirement
WC Credit 5	Rain water Harvesting in roof and non-roof areas	20	
WC Credit 5.1	Rain water harvesting system		1. Implementation of rain water harvesting system within the premises for roof and non roof areas
	≥ 75% potential captured	5	
	≥ 90% and above potential captured	10	2. Use of harvested rain water - a. to recharge the ground water table b. in substituting the overall fresh water consumption
WC Credit 5.2	Use of captured water for domestic/gardening application	10	
WC Credit 6	Augmentation of ground water beyond fence	20	
	Atleast 1 project implemented on augmentation of ground water	5	1. Implement projects related to augmenting ground water table by providing recharging structures within the same aquifer or beyond the fence
	1: 1 recharging/collection	10	2. Explanation on beyond the fence initiatives adopted by the company in the last 3 years to implement sustainable groundwater management practices
	1: 2 recharging/collection	15	
	1 : 3 recharging/collection	20	3. Hydrogeology report or results of the hydrogeological survey done in a particular region to understand aquifers, groundwater usage, change in depth of the groundwater table, etc.
	Sub total	100	

Renewable Energy (Max: 100 Points)			
Credit Number	Parameters	Points Allocated	Requirement
RE Credit 1	Leadership and Strategy	10	
RE Credit 1.1	Target setting and action plan	5	1. Targets for increasing the percentage of renewable energy (Short, Medium & Long term) 2. List of projects identified to increase use of renewable energy and action plan
RE Credit 1.2	Financial resource allocation	5	1. Appropriate financial allocation for implementation of projects
RE Credit 2	Substitution of conventional energy with renewable energy (Both Electrical & Thermal Energy)	90	
	>5	5	
	>10	10	
	>15	15	
	>20	20	
	>25	25	
	>30	30	
	>35	35	
	>40	40	
	>45	45	
	>50	50	
	>55	55	
	>60	60	
	>65	65	
	>70	70	
	>75	75	
	>80	80	
	>85	85	
	>90	90	
	Sub-Total	100	

Green House Gases (Max: 100 Points)			
Credit Number	Parameters	Points Allocated	Requirement
Mandatory Requirement - 1	GHG Emission inventurisation		<ol style="list-style-type: none"> Inventurization of Scope 1 emissions (Direct emissions through fuel consumption in DG Sets, LPG in Kitchen, top of refrigerant in ACs etc.) for the last three years Inventurization of Scope 2 emissions (Indirect emissions from electricity purchased from the grid) for the last three years Inventurization of Scope 3 emissions (mandatory coverage of employee commute, business travel, upstream & downstream transport) for the last three years
GHG Credit 1	GHG emission intensity reduction targets - Short term & Long term	10	
GHG Credit 1.1	Target setting	5	<ol style="list-style-type: none"> Targets set for reduction in GHG emission intensity <ol style="list-style-type: none"> Short term targets - one year Medium term targets - two to three years Long term targets - more than 3 years Action plan or identified projects to achieve the set targets
GHG Credit 1.2	Action plan	5	
GHG Credit 2	Employee Involvement & Capacity Building	10	
GHG Credit 2.1	Awareness Creation & Employee Involvement	5	<ol style="list-style-type: none"> Method of awareness creation for all employees on GHG emissions and reduction
GHG Credit 2.2	Training and capacity building	5	<ol style="list-style-type: none"> List of various capacity building/training programs conducted on GHG emission accounting and mitigation strategies
GHG Credit 3	GHG Management Systems	10	
GHG Credit 3.1	Quality Management - GHG Emission Inventurisation	5	<ol style="list-style-type: none"> GHG emissions management system Monitoring, updation and validation of all scopes of emission, emission factors, etc.
GHG Credit 3.2	Monitoring system for mitigation efforts	5	<ol style="list-style-type: none"> Monitoring mechanism for implementation of various GHG emission reduction projects
Credit 4	GHG Emission Intensity Reduction (covering Scope-1 and Scope-2)	15	
	≥ 10% in last 3 years	5	
	> 20% in last 3 years	10	<ol style="list-style-type: none"> Reduction in GHG emission intensity (CO2e/employee) in the last three years List of GHG emission reduction projects implemented in the last three years
	> 30% in last 3 years	15	
Credit 5	Reduction in scope 3 emission intensity	25	
	>5% Reduction	5	
	>10% Reduction	10	
	>15% Reduction	15	<ol style="list-style-type: none"> Reduction in scope 3 emission intensity in the last three years List of projects implemented in the last three years to achieve the reduction
	>20% Reduction	20	
	>25% Reduction	25	

Green House Gases (Max: 100 Points)			
Credit Number	Parameters	Points Allocated	Requirement
Credit 6	Carbon Neutral Approach	30	
	Offset / sequestration \geq 10% of total GHG emission		5
	Offset / sequestration \geq 25% of total GHG emission		10
	Offset / sequestration \geq 40% of total GHG emission		15
	Offset / sequestration \geq 50% of total GHG emission		20
	Offset / sequestration \geq 60% of total GHG emission		25
	Offset / sequestration \geq 70% of total GHG emission		30
	Sub total	100	

1. Methods/initiatives to offset GHG emissions and work towards achieving carbon neutrality (including scope 1, 2 and 3)

Waste Management & Material Conservation (Max:100 Points)			
Credit Number	Parameters	Points Allocated	Requirement
WM Mandatory Requirement -1	Disposal of waste through authorized waste recyclers meeting the requirements of latest waste management rules (Hazardous waste, e-waste, biomedical waste, plastic & packaging waste ect.)		1. Waste generated to be disposed off through authorized recyclers as per the latest waste management rules such as hazardous waste management rules, e-waste rules, etc.
WM Credit 1	Leadership & Strategy	10	
WM Credit 1.1	Targets	5	1. Targets set for reduction in specific waste generation and disposal consumption <ol style="list-style-type: none"> Short term targets - less than one year Medium term targets - one to three years Long term targets - more than 3 years
WM Credit 1.2	Action plan & resource allocation	5	1. Action plan or identified projects to achieve the set targets 2. Financial resource allocation
WM Credit 2	Employee Involvement & Capacity Building	10	
WM Credit 2.1	Awareness creation and employee involvement	5	1. Display posters, formal training programs for workers on different types of wastes (hazardous/non-hazardous), environment day celebration, etc. 2. Effective employee involvement and awareness programs that educate and encourage employees to effectively use electronics thereby reducing the amount of e-waste generated
WM Credit 2.2	Training programs and capacity building	5	1. Training programs conducted on waste management
WM Credit 3	Waste Management Systems & Inventorization	10	
WM Credit 3.1	Waste Collection, Segregation, Internal Transport & Handling, Storage and Disposal Mechanism	5	1. Proper systems for collecting, segregating and storing of solid waste, e-waste 2. Appropriate drainage lines/pipelines for sewage generated within the premises
WM Credit 3.2	Inventorisation of hazardous & non-hazardous waste	5	1. Inventorisation of hazardous waste 2. Inventorisation of non-hazardous waste 3. Inventorisation of E-waste

Waste Management & Material Conservation (Max:100 Points)			
Credit Number	Parameters	Points Allocated	Requirement
WM Credit 4	Solid Waste Management	40	
WM Credit 4.1	Hazardous & Non-Hazardous Waste Management	15	
	≥ 10% reduction in specific waste disposal	5	1. Reduction in the quantity of hazardous & non-hazardous waste generation (waste generated in kg/person /annum)
	≥ 20% reduction in specific waste disposal	10	2. Provide list of projects implemented to reduce the hazardous & non-hazardous waste generation at source, reuse and recycle
	≥ 30% reduction in specific waste disposal	15	
WM Credit 4.2	Use of recycled material	10	
	≥ 10% substitution by recycled material	5	1. Use of recycled material such as recycled paper, paper cups, refill and reuse of consumables, reduction in consumables, etc.
	≥ 20% substitution by recycled material	10	
WM Credit 4.3	E-waste management	15	
WM Credit 4.3.1	Monitoring of the method of e-waste disposal by authorized recyclers periodically	5	1. E-waste handed over to authorized recyclers has to be ensured proper disposal at recyclers' end. Periodic checks/audits has to be carried out for recyclers
WM Credit 4.3.2	10% of e-waste refurbished and reused - % by weight of total e-waste	5	1. Refurbish the e-waste generated such as computers, monitors, keyboards, laptops etc and reuse
	20% of e-waste refurbished and reused - % by weight of total e-waste	10	
WM Credit 5	Liquid waste management	25	
WM Credit 5.1	Reduction in sewage generation	10	
	≥ 20% reduction	5	1. Reduction in sewage discharge in the last three years
	≥ 30% reduction	10	2. Projects implemented to reduce sewage discharge
WM Credit 5.2	Recycling of treated water for domestic/gardening purposes	15	
	≥ 50% substitution of fresh water	5	1. Applications of STP treated water
	≥ 75% substitution of fresh water	10	2. % substitution with fresh water
	Zero water discharge	15	
WM Credit 6	Gaseous waste Management (Other than GHG emission)	5	
	Stack emission monitoring and reduction in levels over and above norms	5	1. Stack emission monitoring to be carried out 2. Reduction in levels over and above norms
	Sub total	100	

Green Supply Chain (Max. 50 points)			
Credit Number	Parameters	Points Allocated	Requirement
GSC Credit 1	Leadership and Strategy	5	
	Targets and action plan	5	Targets to be set addressing the following areas - 1. Education and awareness creation for all stakeholders including consumers, contractors, logistics supporters, canteen contract workers and all other outsourced activities 2. Green procurement guidelines and implementation of green procurement guidelines 3. Supplier audits and recognition programs
GSC Credit 2	Education and Awareness creation	5	
	Education and awareness creation for stakeholders	5	1. Actual details of education and awareness creation programs conducted in last 3 years for stakeholders including consumers, contractors, logistics supporters, canteen contract workers and all other outsourced activities
GSC Credit 3	Green Procurement	25	
GSC Credit 3.1	Green procurement policy and guidelines	10	1. Development of green procurement guidelines covering Total Cost of Ownership (TCO) or Life Cycle Costing (LCC) and materials or substances with low environmental impact for all equipment, capital goods, consumables, etc. Eg: Computers, laptops, IT equipment, air conditioners, lighting, green building material, house keeping chemicals, etc.
GSC Credit 3.2	Implementation of green procurement guidelines	15	1. Implementation of green procurement guidelines to be substantiated with examples and purchase reports/orders
GSC Credit 4	Green Certified Products	5	
	Purchase and use of green certified products	5	1. Purchase and use of green certified products. Eg: GreenPro certified products, green seal certified products, etc.
GSC Credit 5	Supplier Audit & Recognition programs for suppliers	10	
GSC Credit 5.1	Supplier audits based on environmental performances	5	1. Audits and recognition programs for suppliers, transporters, canteen contractors, food joints and concessionaries, security personnel, and other outsourced activities

Others (Max: 100 Points)			
Credit Number	Parameters	Points Allocated	Requirement
OS Credit 1	Achieve Green Building as per IGBC Rating	60	1. Green buildings as per IGBC standards
Note: The facility can opt to attempt for OS Credit 1 (Max: 60 Points for Platinum rated buildings) if it has achieved a greening rating as per the IGBC standards. Those facilities that are not IGBC rated, can opt to attempt for OS Credit 2, 3 and 4 (Overall Max: 60 Points)			
OS Credit 2	Indoor Environment Quality	20	
	Fresh Air Ventilation	10	1. Points will be distributed based on the % air conditioned space, naturally ventilated space and forced ventilated space
OS Credit 2.1	Air conditioned		1. Meet minimum fresh air requirement & maintain over and above requirement
	Naturally conditioned		2. Maintain opening to carpet area ratio more than 3%
	Forced ventilation		3. More than 20% improvement in minimum air changes per hour
OS Credit 2.2	Low VOC Paints	5	1. Use of low VOC/no VOC paints indoor
OS Credit 2.3	Eco friendly house keeping chemicals	5	1. Use of eco friendly house keeping chemicals indoor
OS Credit 3	Site Selection Planning	10	
OS Credit 3.1	Housing facility for 40% of Employees within 5 km radius	5	1. Residence of employees within 5km radius
OS Credit 3.2	Access to Public Transport / Shuttle Services	5	1. Provision to accessible public transport to avoid vehicular emissions
OS Credit 4	Landscaping	30	
OS Credit 4.1 (under CPCB)	Maintain Additional Green belt >= 10 % of Standard requirement	5	
OS Credit 4.1 (under CPCB)	Maintain Additional Green belt >= 20 % of Standard requirement	10	
OS Credit 4.1 (CPCB guidelines not applicable)	Develop green belt >= 50% in the unused site area	5	1. Maintain minimum green belt requirement 2. Maintain over and above requirement
OS Credit 4.1 (CPCB guidelines not applicable)	Develop green belt >= 75% in the unused site area	10	
OS Credit 4.2	Selection of species	5	1. Percentage of turf area (less than or equal to 40%) 2. Native species (50-75%) 3. Drought tolerant species(20%)
OS Credit 4.3	Features for biodiversity enhancement	10	1. Fruit & Flower bearing trees 2. Butterfly gardens 3. Bird feeders 4. Artificial water bodies 5. Use of organic pesticides & fertilisers
OS Credit 4.4	Recreational and inspirational spaces	5	1. List of available recreational & inspirational spaces within the premises

Others (Max: 100 Points)			
Credit Number	Parameters	Points Allocated	Requirement
OS Credit 5	Innovation (exemplary performances in any of GreenCo parameters or other innovations)	20	
	4 Innovations @ 5 Points / Innovation		List innovative projects or excellent initiatives in any of the parameters (max 4 projects and 5 pts for each project) Note: IT companies, that have developed products/services that help in improving sustainability at the user end, can earn points under this credit
OS Credit 6	Engagements to voluntary initiatives, standards and directives for reducing environmental impacts	10	GRI reporting, CDP reporting, voluntary initiatives/commitments carried out beyond the fence by employees, etc.
OS Credit 7	Accredited Green Professionals	10	List of certified professionals in GreenCo/GBC/ ISO 14001, energy managers & auditors, sustainability professionals, etc.
	At least one green professional		5
	>= 3 green professionals		10
	Sub total	100	

About CII

The Confederation of Indian Industry (CII) works to create and sustain an environment conducive to the growth of industry in India, partnering industry and government alike through advisory and consultative processes.

CII is a non-government, not-for-profit, industry-led and industry-managed organization, playing a proactive role in India's development process. Founded in 1895, India's premier business association has over 7200 members, from the private as well as public sectors, including SMEs and MNCs, and an indirect membership of over 100,000 enterprises from around 242 national and regional sectoral industry bodies.

With 64 offices, including 9 Centres of Excellence, in India, and 7 overseas offices in Australia, China, Egypt, France, Singapore, UK, and USA, as well as institutional partnerships with 312 counterpart organizations in 106 countries, CII serves as a reference point for Indian industry and the international business community.

About CII - Sohrabji Godrej Green Business Centre

CII - Sohrabji Godrej Green Business Centre (CII - Godrej GBC) is one of the 9 Centres of Excellence of the Confederation of Indian Industry (CII).

CII-Sohrabji Godrej Green Business Centre offers advisory services to the industry in the areas of Green buildings, energy efficiency, environmental management, renewable energy, Green business incubation and climate change activities.

The Centre sensitises key stakeholders to embrace Green practices and facilitates market transformation, paving way for India to become one of the global leaders in Green businesses.



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