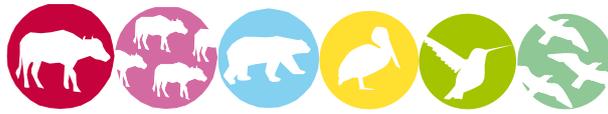


ANNEX R – PASSPORT TEMPLATE

CONTENTS



- A. Project title**
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SECTION A. Project Title

Title: 20 MW Biomass Power Project at Godawari Power and Ispat Limited, Chhattisgarh

Date: 08nd October 2015

Version no.: 1.3

SECTION B. Project description

Godawari Power and Ispat Limited (GPIL) has installed a 20 MW biomass based power project at Siltara, Raipur. The purpose of the project activity is to generate electricity using renewable biomass residues i.e. rice husk to reduce GHG (CO₂) emissions. As biomass is a CO₂ neutral fuel, the power produced by the GPIL from renewable biomass will have zero GHG emissions. Also as it is replacing fossil fuel intensive based power generation from NEWNE grid, thereby results in reducing emissions from such fossil fuels. In the project activity, biomass shall be combusted in the boiler for producing high pressure steam to generate 20 MW electricity. The total annual generation of electricity from project activity will be 126.72 GWh. The rice husk will be collected from a radius of 50 km from project site. The project has obtained the requisite clearances and is commissioned on 01 November 2010.

Prior to the start implementation of the project activity, there are four power-only plants at the project site i.e. 11 MW coal/dolo char based power only plant and three waste heat recovery based power only plants (7 MW, 10 MW and 25 MW) located at the project site. Out of the four power only plants at the project site, three power only plants i.e. 11 MW coal/dolochar based power plant, 7 MW waste heat recovery based power plant and 10 MW waste heat recovery based power plant are connected to the proposed project activity through common steam header. Another 25 MW waste heat recovery based power plant is not connected with the steam header of this project activity. However, it is altogether an independent power generation activity with its own boilers and turbogenerator. All the four power only plants will continue to operate after the start of this project activity.

The primary technology for the project activity is direct combustion of rice husk, and power generation using the Rankine cycle technology. Power generation through this method involves combustion of rice husk directly in the boiler, with generation of steam, which is fed to a steam turbine that drives the generator. The baseline scenario identified is import of electricity from grid and leaving biomass residues to naturally decay or burning in an uncontrolled manner. There has been surplus availability of Biomass for Energy generation, the study was conducted around 50 km of the plant location. The results clearly show a huge difference of generation and consumption thus an opportunity for Energy generation. Primary data on biomass availability and other miscellaneous information are collected through farmers and senior villagers. The secondary data source is from Economics and Statistics Department, Chhattisgarh and other Govt. / Semi govt. Departments.

Govt. of India has stipulated the following indicators for the sustainable development in the interim

approval guidelines for Gold Standard projects. The project participant has studied each of the above indicators in the context of the project activity to ensure that the project activity contributes to sustainable development.

GPII has decided to for Gold Standard VER over CDM carbon offset due to premium carbon pricing of Gold Standard. The project proponent accepts the change is permanent.

Social and Economic wellbeing: The project would lead to generation of direct and indirect employment and improving economic condition of the area. The project activity adds income to the farmers by providing added economic value to the produce of farmers by procuring rice husk from the rice mills. This will definitely help the millers to pay better price to the farmers for their paddy crop.

Since the biomass resources are to be collected and transported to the plant site from the fields, opportunities are being generated for the rural people to collect and transport the biomass residues. The rice husk transportation to site will provide employment opportunities to a number of trucks and other similar vehicles will be making trips to project site throughout the year. This will increase the transport related income and employment.

The above benefits due to the project activity ensure that the project would contribute to social and economic wellbeing in the region.

Environmental wellbeing: The project activity utilises biomass potential available for power generation, which otherwise is left un-utilised (left to decay or burnt). Thus it aids in the resource utilization and avoids pollution due to burning / dumping of biomass in nearby areas. Further, project activity replaces part of power generated in the grid using predominantly fossil fuels such as coal, lignite and gas. The project would not result in increase of GHG emissions and cause no negative impact on the environment.

Technological wellbeing: Successful implementation of this project would encourage other promoters to adopt similar technology in the relevant sector and hence the project leads to technological wellbeing.

In view of the above, the project participants consider that the project activity strongly contributes to sustainable development in the host country. Thus, the host country DNA has awarded LoA to the project activity on 17/03/2010.

In view of the above, the project participants consider that the project activity strongly contributes to sustainable development in the host country.

SECTION C. Proof of project eligibility

C.1. Scale of the Project

Please tick where applicable:

Project Type	Large	Small
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>

	<input type="checkbox"/>
---	--------------------------

C.2. Host Country

India

C.3. Project Type

Please tick where applicable:

Project type	Yes	No
Does your project activity classify as a Renewable Energy project?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Does your project activity classify as an End-use Energy Efficiency Improvement project?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Does your project activity classify as waste handling and disposal project?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Please justify the eligibility of your project activity:

The purpose of the project activity is to generate electricity using renewable biomass residues i.e. rice husk to reduce GHG (CO₂) emissions. As biomass is a CO₂ neutral fuel, the power produced by the GPIL from renewable biomass will have zero GHG emissions. Also as it is replacing fossil fuel intensive based power generation from NEWNE grid, thereby results in reducing emissions from such fossil fuels.

Please refer to Section B.2 of the PDD for methodology deviation.

The proposed project activity meets the definition of the project type –renewable energy supply, as the project activity is a large scale renewable energy project, utilizing Biomass energy for generation and supply of electricity. The project proponent makes the use of Surplus Biomass only which is demonstrated in the table below. Thus makes it eligible for the Biomass project defined in Annex C of Gold Standard v2.2.

The project activity falls under large scale methodology ACM0018 (Version 3.0) – “Consolidated methodology for electricity generation from biomass residues in power-only plants”.

The tools applicable for the project activity:

Version 02 “Tool to calculate project or leakage CO2 emissions from fossil fuel combustion”¹

Version 01 “Tool to calculate baseline, project and/or leakage emissions from electricity consumption”²

Version 04.0 “Tool to calculate the emission factor for an electricity system”³

The project activity, according to Gold Standard definitions, generate credible greenhouse gas emission reductions, show environmental integrity and contribute to local sustainable development. Carbon dioxide is the greenhouse gases eligible under the Gold Standard.

Host country: Host country of the project activity is India which has ratified the Kyoto Protocol as a non-Annex I country.

Other certification schemes: The project activity is not claiming any white or green certificates or equivalents and is not registered under any other voluntary carbon credit scheme.

Pre Announcement	Yes	No
Was your project previously announced?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Explain your statement on pre announcement CMD was a serious consideration in decision to proceed with the project and proposed project is additional. CDM consideration and decision process is presented in Section B.5 of the PDD. The reference link of the project history in UNFCCC Website https://cdm.unfccc.int/Projects/Validation/DB/OK4FE6SKV02SOWYA0J59I1RF617YDP/view.html		

C.4. Greenhouse gas

Greenhouse Gas	
Carbon dioxide	<input checked="" type="checkbox"/>

¹ <http://cdm.unfccc.int/methodologies/PAmethodologies/tools/am-tool-03-v2.pdf>

² <http://cdm.unfccc.int/methodologies/PAmethodologies/tools/am-tool-05-v1.pdf>

³ <http://cdm.unfccc.int/methodologies/PAmethodologies/tools/am-tool-07-v2.2.1.pdf>

Methane	<input type="checkbox"/>
Nitrous oxide	<input type="checkbox"/>

C.5. Project Registration Type

Project Registration Type	
Regular	<input type="checkbox"/>

Pre-feasibility assessment	Retroactive projects (T.2.5.1)	Preliminary evaluation (eg: Large Hydro or palm oil-related project) (T.2.5.2)	Rejected by UNFCCC (T2.5.3)
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If Retroactive, please indicate Start Date of project activity: The project has obtained the requisite clearances and is commissioned on 01/11/2010

SECTION D. Unique project identification

D.1. GPS-coordinates of project location

	Coordinates
Latitude	21°22'24" N
Longitude	81°41'5"E



Explain given coordinates

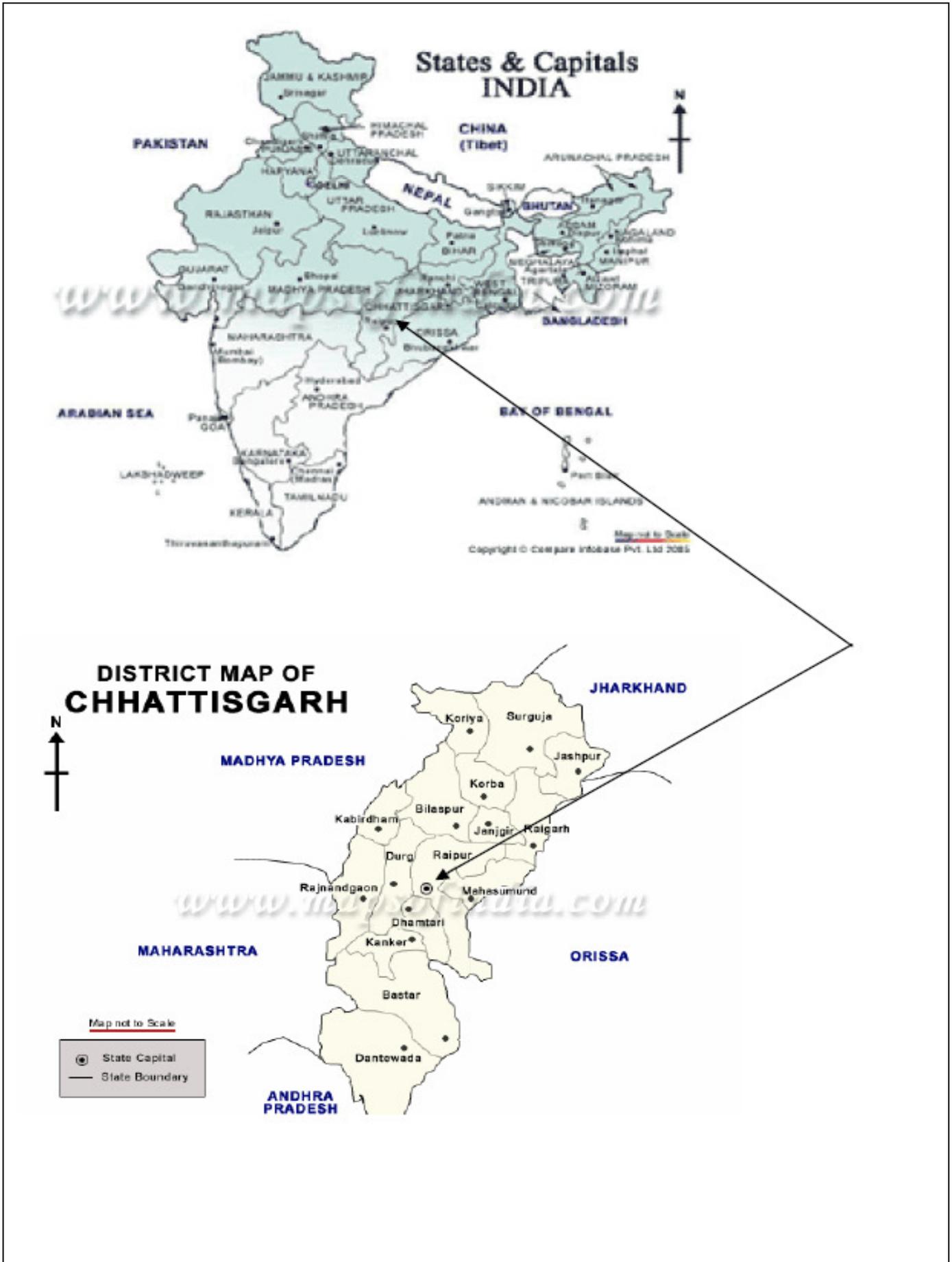
Physical Location:

Within the existing premises of Godawari Power & Ispat Limited, Phase –I, Siltara Industrial Area, Bilaspur Road, Siltara, Raipur District, Chhattisgarh State, India.

Longitude 81°41'5"E Latitude 21°22'24"N

Nearest Railway Station: 17 Km, Raipur

D.2. Map



SECTION E. Outcome stakeholder consultation process

E.1. Assessment of stakeholder comments

Previous consultation activities:

Management of GPIL organized a stakeholders consultation meeting on 05/02/2009 to appraise the stake holders / villagers regarding the project activity.

Requirement of Stakeholder Comments

Before implementing any project, project investors / developers need to identify the stakeholders, prepare necessary documents, approach the identified stakeholders directly and obtain required clearances / approvals. The stakeholders after review of documents and investment profile, would accord approvals / licenses or send comments in writing to project investors for further clarifications / corrections. In case they are not satisfied with the project design or they feel that the project affects negatively any of the local environment / social / economical environments, they would not issue clearances / approvals to the project.

To identify local stakeholders, a preliminary visit was made to Godawari Power and Ispat Limited on 21/01/2009 by PE Sustainability Solutions Pvt Limited. Consequent to the discussion with officials of Godawari Power and Ispat Limited, it was decided to organize the stakeholder meeting on 05/02/2009 at GPIL premises at 3:00 PM.

The various stakeholders viz. employees, contractual workers, people from nearby villages, locally elected representative, Government officials were invited to attend the Gold Standard stakeholder consultation meeting. A notice was pasted in the common areas in the plant premise and administrative building to communicate to the employees, contractual workers. A circular was sent to the nearby village panchayats to communicate to the people from nearby villages and locally elected representatives on 27/01/2009.

On the eve of stakeholder consultation meeting, the following activities were undertaken under the chairmanship of Shri. Lakshman Prasad, Advisor, Mining and Environment, GPIL.

The presentation was divided in three parts. First, representative of GPIL made an introduction about the company and their environment and quality policies. Then an introduction of the 20 MW biomass power plant was presented. Advantages of biomass power plant in comparison to the conventional coal based thermal power plant and environmental benefits were also delivered in the presentation. Last, representative of PE International made the presentation about the project activity; this consisted of an introduction to the greenhouse effect, Global Warming, the Kyoto Protocol and the Clean Development Mechanism, Gold Standard requirements, the meaning and objectives of the stakeholder consultation process, a description of the project activity, its expected emission reductions and environmental benefits. Then there was time for questions and information was given about the channels of information available for future comments and questions.

Finally it was requested from the assembled stakeholders for their comments. The stakeholders needed the clarifications related to land requirement of the project and employment opportunities to the nearby villagers as well as the environmental effects of the technology being used for the project activity.

No negative comments were received and all have welcomed the project.

E.2. Stakeholder Feedback Round

Please describe report how the feedback round was organised, what the outcomes were and how you followed up on the feedback.

Stakeholders Involvement:

The local population represented by village panchayat welcomed the project due to various benefits, such as development of infrastructure in the area, increase of income due to the supply of biomass residues and improvement in their standards of living. In the stakeholder's meeting, a query was raised about the availability of biomass residue and is there any negative impact on current usage of biomass residue.

Project proponent clarified that this biomass residues power project, which utilizes only surplus biomass residues available in the region, the project would not cause any negative socio-economic impacts on the local populace and would not result in any scarcity of biomass residues to other users.

Queries were also asked about the possibility of negative environmental impacts. It was clarified that all measures to mitigate environmental impacts have been proposed.

Since the project is located near to the electrical substation for power evacuation and the transmission lines are planned along the road, problems of inconvenience to the populace would not arise. Moreover, the project participants have already discussed with various local populaces concerned in the region before applying for clearance.

The stakeholders also needed the following clarifications:

1. land requirement of the project
2. employment opportunities to the nearby villagers

The queries were responded as follows:

There is no land requirement as the project is implemented within the company premises. The project will contribute to sustainable development by utilizing surplus biomass residue for power generation saving the fossil fuel like coal and reducing environmental impacts of coal combustion such as emission of particulate matter, SO₂, NO_x and generation of fly ash which also lead to land degradation.

Regarding the second point, GPIL is promoting various community development activities. All new vacancies/ employment opportunities created on account of the proposed project should be for youth from the local villages. It was clarified that most of the work would require technically skilled manpower. Such manpower if available with appropriate skills in the local villages would be given preference. The Stakeholder feedback round was done in presence of DOE where NGOs, Suppliers, Local stakeholder from village and Village Sarpanch has joined the meeting held at plant premises of Godawari Power & Ispat Limited, Siltara, Raipur, Chhattisgarh, India on 19th January 2015.



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HIRA

GODAWARI POWER & ISPAT

To,

Date:-05-01-15

Place:-Siltara Raipur

Respected --*Gram Panchayat Siltara*

Godawari Power and Ispat Ltd. is Organizing a meeting of stakeholders on 19th Jan 2015 (Monday) at 1 pm for 20 MW Biomass Plant Gold standard registration activities at company premises of GPIL in Raipur Chhattisgarh.

You are requested to participate in said mentioned meeting for discussion.

With Regards

S.K. Mishra

Dy. CEO.

GPIL Raipur.

Godawari Power & Ispat Limited

An ISO 9001:2008, ISO 14001:2004 & OHSAS 18001:2007 certified company

Registered Office and Works: Plot No. 428/2, Phase I, Industrial Area, Siltara, Raipur - 493111, Chhattisgarh, India

P: +91 771 4082333, F: +91 771 4082334

Corporate address: Hira Arcade, Near New Bus Stand, Pandri, Raipur - 492001, Chhattisgarh, India

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HIRA

GODAWARI POWER & ISPAT

दिनांक :- 05.01.2015

स्थान :- सिलतरा रायपुर ।

आम सूचना

एतद् द्वारा गोदावरी पावर एंड इस्पात लिमिटेड रायपुर के सभी हितधारकों को सूचित किया जाता है कि वे दिनांक 19.01.2015 दिन सोमवार को अपराह्न 1 बजे गोदावरी पावर एंड इस्पात लिमिटेड, रायपुर के प्लॉट परिसर में बैठक हेतु अनिवार्य रूप से उपस्थित होने की कृपा करें ।

एस.के.मिश्रा

डिप्टी. सी.ई.ओ.

गोदावरी पावर एंड इस्पात लिमिटेड रायपुर

प्रतिलिपि :- 1. ग्राम पंचायत टांडा के सदस्यगण ।

2. सभी हितधारक, सम्बन्धित ठेकेदार एवं कर्मचारीगण रायपुर ।

Godawari Power & Ispat Limited

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E. 3. Discussion on continuous input / grievance mechanism

Discuss the Continuous input / grievance mechanism expression method and details, as discussed with local stakeholders.

	Method Chosen (include all known details e.g. location of book, phone, number, identity of mediator)	Justification
Continuous Input / Grievance Expression Process Book	<p>Comment books will be placed at the project site office. The information & location will be communicated with the invited representatives of stakeholder who will attend the feedback round meeting.</p> <p>Godawari Power & Ispat Limited 428/2, Phase-I, Industrial Area, Siltara, Raipur – 493111, Chhattisgarh, India</p>	The book will be made available at the project site to receive the feedback or confirmation of corresponding stakeholder.
Telephone access	<p>Project site office contact number & the concerned person detail will be provided during stakeholder feedback meeting.</p> <p>Mr. Mithilesh Singh Tel No: +91-9893900323</p>	The number will be the public number of GPIL which will be answered in Hindi/English/local language on working days.
Internet/email access	<p>An email address of the concerned team/person will be provided in the invitation letter of feedback round meeting.</p> <p>EmailID: mithilesh.singh@gpil.in</p>	The email can be received directly by the GPIL.
Nominated Independent Mediator (optional)	N.A.	

All issues identified during the crediting period through any of the Methods shall have a mitigation measure in place. The identified issue should be discussed in the revised Passport and the corresponding mitigation measure should be added to sustainability monitoring plan in section G.

SECTION F. Outcome Sustainability assessment

F.1. 'Do no harm' Assessment

Safeguarding principles	Description of relevance to my project	Assessment of my project risks breaching it (low/medium/high)	Mitigation measure
Human Rights			
1. The project respects Internationally proclaimed human rights including dignity, cultural property and uniqueness of indigenous people. The project is not complicit in Human Rights abuses.	The project does not introduce an entirely new concept that is far off the local culture. Generating power from renewable energy sources like Biomass is an environment friendly technology. Thus, no significant change in cultural practice shall occur. Through the stakeholders forum it is evident that it doesn't conflict the local communities values or practices.	Low	All stakeholders are free to share their ideas. Also, it is ensured that the invitation has been done through public announcement.
2. The project does not involve and is not complicit in involuntary resettlement.	The project leads to installation of biomass based thermal power plant within the premises of company. Therefore, the project activity will be not have any impact on environment or land use patterns. The project will not result in temporal or permanent displacement of the local community.	Low	N/A
3. The project does not involve and is not complicit in the alteration, damage or removal of any critical cultural heritage	The project is installation of Biomass based thermal power plant with in the company premises of GPIL. Hence the issue of alteration, damage and removal of any cultural heritage does not arise.	Low	N/A
4. The project respects the employees' freedom of association and their right to collective	The project is in compliance with the laws of Government of India.	Low	The GPIL managements are all time open

<p>bargaining and is not complicit in restrictions of these freedoms and rights</p>	<p>Government of India has ratified the ILO convention 87 (freedom of association) and 98 (right to collective bargaining). The guarantees provided for under these two Conventions are by and large available to workers in India by means of constitutional provisions, laws and regulations and practices. The GPIL Code of conduct has clearly referred in Section M that company shall provide freedom of association and collective bargaining to all the employees.</p>		<p>for any comments or suggestions.</p>
<p>Labour Standards</p>			
<p>5. The project does not involve and is not complicit in any form of forced or compulsory labour.</p>	<p>There is no forced labour. The Indian Constitution along with the enactment of the Bonded Labour System (Abolition) Act, prohibits forced and bonded labour. In 1954, India ratified the ILO Convention No. 29 (The forced labour convention) and No 105 (The abolition of forced labour convention). All of this ensures that forced labour is legally abolished in India. GPIL follows the law enforced by the Government of India. Section M of Code of Conduct clearly high lights that there is no forced or compulsory labour involved.</p>	<p>Low</p>	<p>Supervise over all staffs to ensure that no forced labour.</p>
<p>6. The project does not employ and is not complicit in any form of child labour.</p>	<p>GPIL also has internal anti- child labor policy to ensure prohibition of Unlawful employment of children below the</p>	<p>Low</p>	<p>Checking through ID card for all applications.</p>

	age of 18 years. The section M of Code of conduct clearly mentions that there is no child labour involved.		
7. The project does not involve and is not complicit in any form of discrimination based on gender, race, religion, sexual orientation or any other basis.	No specific conditions on gender, race, religion, sexual orientation or any other basis for all company staffs. GPIL as mentioned in Code of conduct Section M respects personal integrity, privacy and personal rights of every employee and is committed to maintaining a workplace free from discrimination and harassment. No employees will be discriminated on the basis of origin, nationality, religion, race, gender, age or sexual orientation or engage in any kind of verbal or physical harassment based on any of the above or any other reason.	Low	All interviewers are trained on this issue.
8. The project provides workers with a safe and healthy work environment and is not complicit in exposing workers to unsafe or unhealthy work environments.	The Project does not involve any work that has the potential to expose the workers to unsafe and unhealthy work environment. No hazardous material is used in the project. The project provides safe and healthy work condition to the employees. The fuel is biomass which does not contain any Toxic substance. The project owner provides the mask for the workers handling the biomass residues and transports the biomass residues in covered manner.	Low	Always check work environments and safeguard equipment.

Environmental Protection			
9. The project takes a precautionary approach in regard to environmental challenges and is not complicit in practices contrary to the precautionary principle.	Project complies with all the relevant environmental legal requirements and is not complicit in practices contrary to the precautionary principle. It is confirmed that the proposed project has carried out the Environmental Impact Assessment which is approved the local environmental bureau. The project promotes environment protection by replacing coal fuel with carbon neutral biomass.	Low	Check the effect after operation.
10. The project does not involve and is not complicit in significant conversion or degradation of critical natural habitats, including those that are (a) legally protected, (b) officially proposed for protection, (c) identified by authoritative sources for their high conservation value, or (d) recognized as protected by traditional local communities.	The project is installation of Biomass based thermal power plant with in the company premises of GPIL. This site does not cause degradation of critical natural habitat. It does not pose any harm to the natural habitats of the native species.	Low	N/A
11. The project does not involve and is not complicit in corruption.	Project developer neither indulges nor promotes corruption at any stage of the project. GPIL has internal anti-corruption policy and all the employees are made aware of the same by internal training for abidance.	Low	Penalty measures to the one who is involved in corruption.
Additional relevant critical issues for my project type	Description of relevance to my project	Assessment of relevance to my project (low/medium/high)	Mitigation measure
N/A	N/A	N/A	N/A

F.2. Sustainable Development matrix

Insert table as in section D3 from your Stakeholder Consultation report (Sustainable Development matrix).

Indicator	Mitigation measure	Relevance to achieving MDG	Chosen parameter and explanation	Preliminary score
Gold Standard indicators of sustainable development.	If relevant copy mitigation measure from "do no harm" –table, or include mitigation measure used to neutralise a score of ‘-’	Check www.undp.or/mdg and www.mdgmonitor.org Describe how your indicator is related to local MDG goals	Defined by project developer	Negative impact: score ‘-’ in case negative impact is not fully mitigated score 0 in case impact is planned to be fully mitigated No change in impact: score 0 Positive impact: score ‘+’
Environment				
Air quality	Not applicable since scoring is not negative and no mitigation measure from do no harm assessment applies to this indicator.	Ensure environmental sustainability(MDG 7)	Consent to operate. The proposed project has helped reduce GHG emissions versus the high-growth, coal-dominated business-as-usual scenario, reduce other pollutants resulting from the power generation industry. Therefore, in comparison with the baseline scenario of thermal power generation, there is a reduction in the emission volume of pollutants. This indicator is	0

			scored neutral.	
Water quality and quantity	Not applicable, since scoring is not negative and no mitigation measure from do no harm assessment applies to this indicator.	Ensure environmental sustainability	<p>The project will not have any impact on water quality and quantity.</p> <p>The water received from Canal is for drinking and other non-productive uses. Thermal boiler uses treated water and has been fully recycled with minimal replacement. There is no wastewater discharge from power plant. Therefore, we score this indicator neutral.</p>	0
Soil condition	Not applicable, since scoring is not negative and no mitigation measure from do no harm assessment applies to this indicator.	Ensure environmental sustainability(MD G 7)	<p>The project will not have direct impact on soil condition.</p> <p>The land used to build the proposed project is industrial land, which is not the prime cropland, so there won't be much vegetation. Thus, soil quality, erosion and land use are not affected by the project.</p> <p>Therefore, we score this indicator neutral.</p>	0
Other pollutants	Not applicable		No other relevant pollutants have been identified.	0

			<p>During the construction period, the proposed project generated some noise pollution. However, the suggestions in the EIA were adopted and the constructions are now finished.</p> <p>The proposed project reduces other pollutants such as solid, liquid, and gaseous wastes which would have resulted from the business-as-usual coal-fired power generation industry.</p> <p>Therefore, we score this indicator neutral.</p>	
Biodiversity	Not applicable	Ensure environmental sustainability(MD G 7)	<p>The project will not lead to any change in biodiversity since renewable energy production does not affect the flora and fauna habitat in the project regions.</p> <p>The replanting of trees in and around the project site is helping retain the local biodiversity. In</p>	0

			<p>the baseline scenario, continued emissions from the fossil fuel-fired power plants may have negatively affected biodiversity in the area.</p> <p>Therefore, we score this indicator neutral.</p>
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Social Development

Quality of employment	Not applicable	Better placement of people in society by removing poverty through employment. (MDG 1)	<p>The project owner provides workers with safe and healthy working conditions through some measures, such as providing the mask for the workers handling the biomass residues and transporting the biomass residues in covered manner.</p> <p>Operation and maintenance regulations are established and relevant trainings are done.</p> <p>Unskilled labour from local village recruited and have an opportunity to get exposure of</p>	+
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			<p>technology. Time to time training has enhanced their soft skill giving opportunity to progress in organization and have a permanent jobs.</p> <p>The company provides equal opportunity for all the directors, Senior Management and employees.</p> <p>Therefore, the proposed project has had a positive impact on overall employment quality, and the indicator is scored positive.</p>	
Livelihood of the poor	Not applicable	Employment will remove hunger and poverty creating better livelihood.(MDG 1)	<p>Local people got benefitted by selling Rice husk to the power plant which would have been left open for decay. The rice husk transportation to site provided employment opportunities to a number of trucks and other similar vehicles will be making trips to project site throughout the year. This will increase the</p>	+

			<p>transport related income and employment. This would result in indirect employment opportunities for the rural people.</p> <p>And the proposed project provides the work opportunities to the men, women equally, which promotes the gender equality.</p> <p>The proposed project has not directly contributed to a more equitable distribution of wealth and opportunity, other than through opportunities for work. The employment opportunities will increase the income and in turn elevate the living standard of local people.</p>	
Access to affordable and clean energy services	Not applicable	Ensure environmental sustainability(MD G7a, 2 and 3)	The project will deliver large quantity of electricity generated through the project activity and affordable energy at a large scale. Biomass	+

			energy is seen by government and businesses as one of the best solutions to provide clean and affordable electricity. In the absence of the project activity the same amount of energy would have been produced by either coal based power plant. Any clean additional electricity to existing location would add environmental greenness and reduce the price of power.	
Human and institutional capacity	Not applicable	The project contributes to MDGs 2 and 3 and could also have a neutral impact on MDG 1	The exposure to new technology for the employees in particular and country in general, aids in their capacity development. The same is ensured by conducting training sessions at multiple levels regarding operation and maintenance, environmental aspect, health and hygiene. Also, it increases the capacity to implement renewable energy.	0
Economic and Technological Development				
Quantitative employment and income generation	Not applicable	MDG 1 is achieved through the project creating an avenue for	Project activity lead to employment generation during the construction of	+

		<p>enhancing income-generating activities in addition to direct jobs.</p>	<p>the plants.</p> <p>The project preferred staffs from local residents, so the rate of employment in the community is increased. People from rural places will be preferred since they can speak local language and community will be placed better in the society.</p> <p>A number of jobs were created in the operations of the project activity.</p>	
Balance of payments and investment	Not applicable	<p>Saving foreign exchange ensures that individuals, companies and the country will have more funds for investing in other sectors of the economy which will help the country's economy to grow and this will ensure that poverty levels are reduced. (MDGs 1 and 8)</p>	<p>Equivalent savings on fossil fuels from the use of renewable energy. The project will help in saving foreign exchange which would have been otherwise used for buying fossil fuels for use in the generation of electricity which the renewable project will displace from the national grid. There is no investment involved in foreign currency or investment from any other country.</p>	0

Technology transfer and technological self-reliance	Not applicable	MDG 8	The project will help in the dissemination and adaptation of renewable power in rural areas of India. The exposure of new technology to the similar companies aids in replication of technology and further technological development. However it does contribute to technological self-reliance. As it is difficult to monitor the same therefore the parameter is deemed as neutral.	0
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Justification choices, data source and provision of references

Air quality	<p>The power requirement of the host country, India is mainly met by fossil fuel based power plants which use coal combustion for energy generation. The combustion of coal releases oxides of Sulphur which is a critical pollutant. The renewable energy project would displace the fuel required to generate power and hence mitigate SO_x, NO_x emissions from the atmosphere and improve air quality.</p> <p>Reference: EIA page 2.8</p>
Water quality and quantity	<p>The project do not degrade the water quality and consumes less quantity of water compared to baseline scenario.</p> <p>Reference: EIA page 2.2</p>
Soil condition	<p>There are no material end products from the Biomass based power generation. This it doesn't affect the soil condition.</p> <p>Reference: EIA page 3.5</p>
Other pollutants	<p>No other pollutants are emitted during the operation of Biomass based power plants.</p> <p>Reference: EIA page 2.8</p>
Biodiversity	<p>The project activity is within the premises of the company so there is no impact on Biodiversity.</p>

	Reference: Not Applicable
Quality of employment	The operation of the energy generation from Biomass power plant would involve skilled and unskilled labor. The electricity generation from a clean fuel like Biomass project would improve the working conditions of its employees. Reference: EIA page 7.2.3
Livelihood of the poor	Increase in employment opportunities would help removing poverty and helping them get access to basic medical and health services. Reference: EIA page 7.2.3
Access to affordable and clean energy services	Biomass based power generation would help in providing access to clean energy since it would increase the share of renewable electricity share in total electricity generation profile of the country. Reference: Biomass Assessment Report, Page 7 and 8
Human and institutional capacity	Promote gender equality, freedom to associate and enhance human participation in company matters. Reference: Code of Conduct, Section M
Quantitative employment and income generation	The employment opportunities both for skilled and unskilled labor would increase income of the people. Reference: EIA, page 7.2.3
Balance of payments and investment	N.A.
Technology transfer and technological self-reliance	Power generation from Biomass will create employment and technology transfer to many enterprises. Reference: EIA, page 7.2

SECTION G. Sustainability Monitoring Plan

No	1
Indicator	Air Quality
Mitigation measure	N.A.
Chosen parameter	Governmental requirements fulfillment
Current situation of parameter	The project fulfills the government requirements and consent to operate under Air Act is granted
Estimation of baseline situation of parameter	The baseline is coal based power generation which would have impacted the environment with CO ₂ emissions.

Future target for parameter		Promotion of renewable energy based power generation.
Way of monitoring	How	Consent to operate for Air
	When	Just before expiry of validity for “Consent to Operate”
	By who	By State Pollution Control Board

No	2	
Indicator	Quality of employment	
Mitigation measure	N/A	
Chosen parameter	Number of trainings provided to unskilled, semi-skilled and skilled people	
Current situation of parameter	People are recruited without been properly trained, with unsafe work practices	
Estimation of baseline situation of parameter	NA	
Future target for parameter	Hiring of skilled and unskilled personnel in the plant and providing specific trainings to them	
Way of monitoring	How	Employment record/training record and any other documented recorded which can substantiate the quality of employment.
	When	Continuous
	By who	GPIL HR & training department

No	3	
Indicator	Access to affordable & clean energy sources	
Mitigation measure	N/A	
Chosen parameter	Net energy generation by power plant	
Current situation of parameter	Energy sources are expensive and not affordable to the poor and those living in rural areas have erratic power supply. A lot of them are dependent on expensive energy source either from grid, fossil fuel or wood.	
Estimation of baseline situation of parameter	The total annual generation of electricity from project activity will be 126.72 GWh.	

Future target for parameter		The future target for parameter is that the annual net electricity generation is 126.72 GWh.
Way of monitoring	How	Interviews with the local inhabitants near the project sites about change in fuel consumption pattern and quality of electricity supplied
	When	Ongoing, shall be monitored at least annually
	By who	GPIL personnel

No	4	
Indicator	Livelihood of the poor	
Mitigation measure	NA	
Chosen parameter	Number of people employed and other employment opportunities created in unskilled jobs.	
Current situation of parameter	Unskilled employs are dependent upon daily wage jobs.	
Estimation of baseline situation of parameter	NA	
Future target for parameter	Hiring of skilled and unskilled personnel in the plant and providing them wages as per government norms	
Way of monitoring	How	Employment/training records
	When	Every year
	By who	GPIL HR & training department

No	5	
Indicator	Quantitative employment and income generation	
Mitigation measure	NA	
Chosen parameter	Number of jobs created	
Current situation of parameter	NA	
Estimation of baseline situation of parameter	NA	
Future target for parameter	Hiring more skilled and unskilled employees for the project operation at the plant and thus increasing the number of jobs created by the company	

Way of monitoring	How	Employment record
	When	Every year
	By who	GPIL HR and admin department

No	6	
Indicator	Renewable Biomass resources	
Mitigation measure	NA	
Chosen parameter	Renewable biomass residues usage rate	
Current situation of parameter	100% renewable biomass residues are used to generate electricity.	
Estimation of baseline situation of parameter	0% - i.e. the renewable biomass residue was not used in the baseline.	
Future target for parameter	100%	
Way of monitoring	How	Check the type of biomass procured.
	When	For every biomass residue received
	By who	GPIL procurement department

No	7	
Indicator	Biomass residues surplus	
Mitigation measure	NA	
Chosen parameter	Surplus rate of biomass residue	
Current situation of parameter	Surplus rate of biomass residue is above 25%	
Estimation of baseline situation of parameter	N/A	
Future target for parameter	N/A	
Way of monitoring	How	Interview with local residents. Check the Biomass Resource Collection Report
	When	Annually
	By who	GPIL

Additional remarks monitoring

N.A.

SECTION H. Additionality and conservativeness

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This section is only applicable if the section on additionality and/or your choice of baseline does not follow Gold Standard guidance

H.1. Additionality

Since the baseline and additionality are demonstrated following the Gold Standard Guidance, the same can be referred to in Section E.4 and Section B.5 of the PDD.

H.2. Conservativeness

This Project abides by the Gold Standard conservativeness principle through the following:

- Adoption of the recent versions of the UNFCCC baseline and monitoring methodologies and relevant tools and guidance for the estimation of emission reductions by the Programme
- Analysis of the Program sustainability matrix based on referenced information and third party opinion

ANNEX 1 ODA declaration

No ODA funds are involved as the project is funded with equity and debt from banks

ANNEX D - OFFICIAL DEVELOPMENT ASSISTANCE DECLARATION

Date: 17-04-2015

The Gold Standard Foundation

79 Avenue Louis Casai

Geneva Cointrin, CH-1216

Switzerland

RE: Declaration of Non-Use of Official Development Assistance by Project Owner of GS Project ID - GS3547

Godawari Power and Ispat Ltd.

As Project Owner of the above-referenced project, and acting on behalf of all Project Participants, I now make the following representations:

Lakshman Prasad

I hereby declare that I am duly and fully authorized by the Project Owner of the above-referenced project to act on behalf of all Project Participants and make the following representations:

I. The Gold Standard Documentation

I am familiar with the provisions of The Gold Standard Documentation relevant to Official Development Assistance (ODA). I understand that the above-referenced project is not eligible for Gold Standard registration if the project receives or benefits from Official Development Assistance with the condition that some, or all, of the carbon credits [CERs, ERUs, or VERs] coming out of the project are transferred to the ODA donor country. I hereby expressly declare that no financing provided in connection with the above-referenced project has come from or will come from ODA that has been or will be provided under the condition, whether express or implied, that any or all of the carbon credits issued as a result of the project's operation will be transferred directly or indirectly to the country of origin of the ODA.

II. Duty to Notify Upon Discovery

If I learn or if I am given any reason to believe at any stage of project design or implementation that ODA has been used to support the development or implementation of the project, or that an entity providing ODA to the host country may at some point in the future benefit directly or indirectly from the carbon credits generated from the project as a condition of investment, I will notify The Gold Standard immediately using the Amended ODA Declaration Form provided below.

III. Investigation

The Gold Standard reserves the right to conduct an investigation into any project it reasonably believes may be receiving ODA with the condition that some or all of the carbon credits from the project will be transferred to the ODA donor country.

IV. Sanctions

I am fully aware that the sanctions identified in The Gold Standard Terms and Conditions may be applied to me or the above-referenced project in the event that any of the information provided above is false or I fail to notify The Gold Standard of any changes to ODA in a timely manner.

I swear that all of the statements contained herein are true to the best of my knowledge.

Signed:



Name: LAKSHMAN PRASAD

Title: Advisor (Mineral Resources and Environment)

On behalf of: Godawari Power and Ispat Ltd.

Place: Raipur