

ANNEX Q – LSC REPORT TEMPLATE

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SECTION A. PROJECT DESCRIPTION

A. 1. Title of the project activity

Title: 6MW Solar Power Project by Arhyama Solar Power

Date: 25/08/2015

Version no.: 01

A. 2. Project eligibility under the Gold Standard

[See Toolkit 1.2 and Annex C]

The proposed project is a small scale project, i.e., the capacity of the project is ≤ 15 MW. The host country of the project is India. The proposed project activity falls under the renewable energy supply category as the source of energy is non - fossil & non - depletable and is eligible for Gold Standard Registration. The proposed project activity mitigates the greenhouse gas (Carbon Dioxide, CO₂) which is eligible under both gold standard & UNFCCC. Official Development Assistance (ODA) is not involved in the project activity. The proposed project activity was not previously announced & not involved in any other certification apart from Clean Development Mechanism.

Thus the project activity is eligible for the Gold Standard Registration.

A. 3. Current project status

[See Toolkit 2.5]

The proposed project activity has been commissioned on 23rd December 2013 and also registered with UNFCCC on 13th February 2015 with reference number 10122¹

SECTION B. DESIGN OF STAKEHOLDER CONSULTATION PROCESS

B. 1. Design of physical meeting(s)

i. Agenda

Please ensure that at least the following points are covered but feel free to add more points as needed:

- Opening of the meeting
- Explanation of the project
- Discussion of continuous inputs /grievance mechanism

¹ <http://cdm.unfccc.int/Projects/DB/CRA1423841654.9/view>

- Questions for clarification about the project
- Blind SD exercise
- Discussion on monitoring SD
- Closure of the meeting

[See Toolkit 2.6.1 and Annex J]

The promoters of the proposed project activity have invited comments/suggestions from local stakeholders in connection to the proposed project activity. For this a newspaper advertisement dated 30/11/2012 indicating the description of the project activity and date of stakeholder meeting was published in a local newspaper in local language & also in a national newspaper in English.

A fairly decent gathering of the local stakeholders involved in the project activity were present for the meeting on 10/12/2012.

On the day of 10/12/2012 Meeting started with opening speech by the director of company. He introduced all guests on dais & started the session by announcing that their company M/s Arhyama Solar Power Private Limited is planning to construct a 6 MW Solar based photovoltaic power project in their village Kolanupaka, Aleir Mandal, Nalgonda District, Andhra Pradesh State, India.

Discussion was focused on the proposed 6 MW solar power plant construction & other related activities. The representative of project participant explained Technical aspects of project to stakeholders. The source of energy used for power generation is solar. The Proposed plant is planned for electricity production through the use of renewable source i.e solar energy by Photovoltaic arrays (solar cells) technology. The Photovoltaic photons light knock electrons into a high state of energy thereby to create electricity.

He also explained about social, environmental & economic benefits of the project. There was a discussion on sustainable development in length. After the detailed presentation, the session was open for questions/feedback from stakeholders.

Following questions were asked by stakeholders & the same were adequately explained and answered:

Q: How will the project activity benefit the villages around the project site and their residents?

A: The plants will not produce any pollution. It is very silent, clean and green technology for power generation. Life of the plant is 25 years and Arhyama Solar sees a lot of opportunity for locals in terms of business, employment and education.

Q: Is there any smoke or waste discharge from the project?

A: There is no smoke or any other kind of pollution and the project generation from solar

power is completely clean.

Q: Will there be any harmful effect of air or land due to this power plant?

A: No, as the solar power is clean energy hence there would be no such harmful effect.

Q: Will more projects of similar nature are expected to come in future?

A: Yes.

Q: How the generation of electricity will be affected during night time?

A: Since the electricity generation is dependent upon the sun rays falling on the PV modules, there will be no generation during night time and the generation will be less during cloudy days.

Q: How will the commissioning of this project affect the power cuts in the region?

A: The electricity generated from the solar PV power plant will be fed into the regional grid. This will further reduce the demand-supply gap resulting in improved power scenario in the region.

As all the doubts were explained & cleared effectively, welcomed and expressed their willingness towards the project. The meeting was concluded by vote of thanks to all the participants.

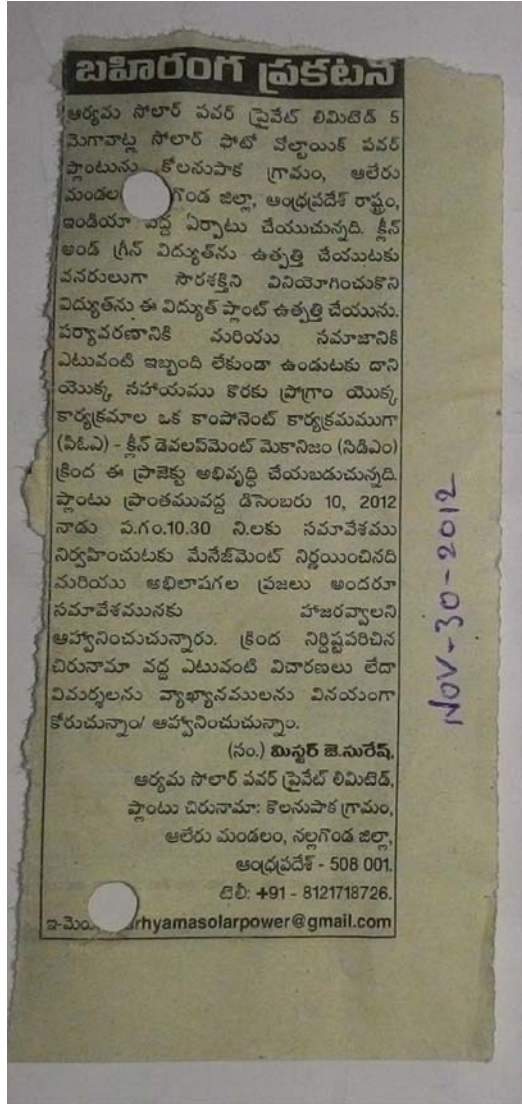
The minutes of the meeting was taken & the list of attendees has been documented.

ii. Non-technical summary

Please be aware that carbon market specific terms may not be appropriate for the readers/ audience of this summary.

[See Toolkit 2.6 and Annex J]

Non-Technical summary has been provided in local language (Telugu) to the stakeholders



iii. Invitation tracking table

[See Toolkit 2.6 and Annex J]

Category code	Organisation (if relevant)	Name of invitee	Way of invitation	Date of invitation	Confirmation received? Y/N
A	M/s Arhyama Solar Power Private Limited	Mr. Ananth	Director	30/11/2012	Y
A	M/s Arhyama Solar Power Private Limited	Mr. Sagar	Employee	30/11/2012	Y
A	M/s Arhyama Solar Power Private Limited	Mr. Kumar	Accountant	30/11/2012	Y
B	Local Panchayat Office	Mr. Prakash	Govt Employee	30/11/2012	Y
A	Local Villager	Ms. Lakshmi	Public Invitation	30/11/2012	N
A	Local Villager	Mr. Yellaiah	Public Invitation	30/11/2012	N
A	Local Villager	Ms. Saroja	Public Invitation	30/11/2012	N

Please explain how you decided that the above organisations/ individuals are relevant stakeholders to your project. Also, please discuss how your invitation methods seek to include a broad range of stakeholders (e.g. gender, age, ethnicity).

All the invitees were the stakeholders who were affected directly or indirectly by the proposed project activity. Hence those were the most relevant to the proposed meeting.

Invitation Methods:

1. Invitation in a local newspaper in local language
2. Invitation in a national newspaper in English language
3. Invitation pasted conveniently at the local government panchayat office

All the invitations were sent 10 days prior to the meeting & time chosen for the meeting was most suitable and convenient to the stakeholders.

iv. Text of individual invitations

Gram Panchayat Notice

M/s Arhyama Solar Power Private Limited is planning to construct a 6 MW Solar based photovoltaic power project in Kolanpaka village, Aleir Mandal, Nalgonda District, Andhra Pradesh State, India.

The source of energy used for power generation is solar. The Proposed plant is planned for electricity production through the use of renewable source i.e solar energy by Photovoltaic arrays (solar cells) technology. The Photovoltaic photons light knock electrons into a high state of energy thereby to create electricity. The project is being planned to be registered under Clean Development Mechanism (CDM) activity for its environmental and social sustainability.

The project proponents would like to extend an invitation to those interested in attending the CDM stakeholder meeting to be held at project site Kolanpaka village, Aleir Mandal, Nalgonda District, Andhra Pradesh State, India on 10/12/2012 at 10:30 A.M.

You can contact us by any means provided below.

For Arhyama Solar Power Private Limited

For Arhyama Solar Power Pvt. Ltd.
Ananth
Director

Mr. Ananth Nakirikanti
(Director)

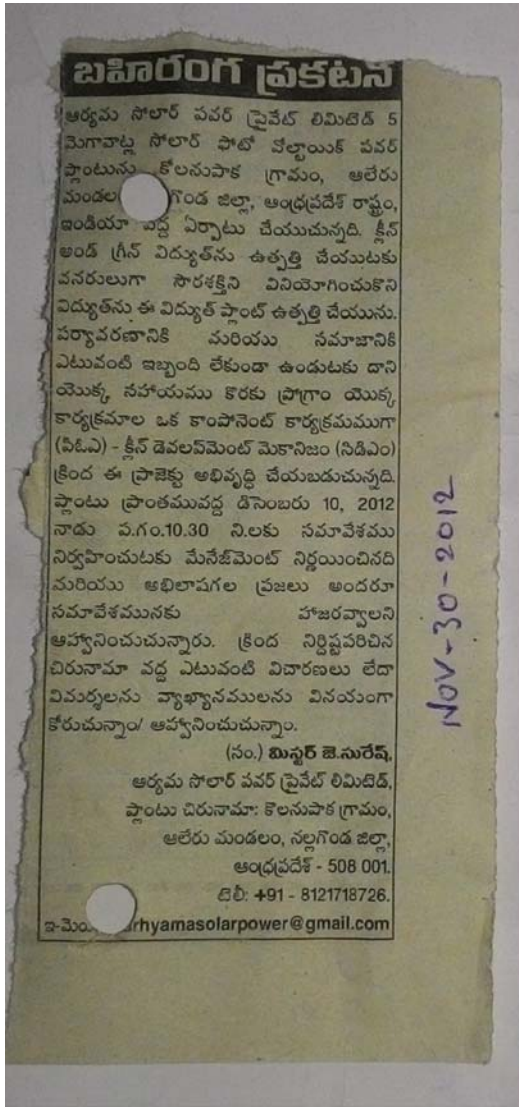
Place: Kolanpaka
Date: 28/11/2012

Plant Address:
Kolanpaka Village, Aleir Mandal, Nalgonda District,
Andhra Pradesh - 508001
Phone: +91- 9177439452
Email: arhyamasolarpower@gmail.com

[See Toolkit 2.6 and Annex J]

v. Text of public invitations

[See Toolkit 2.6 and Annex J]



B. 2. Description of other consultation methods used

If individuals and/ or entities (e.g. NGOs) are unable to attend the physical meeting, please discuss other methods that were used to solicit their feedback/ comments (e.g. questionnaires, phone calls, interviews).

No other type of consultations has been used.

SECTION C. CONSULTATION PROCESS

C. 1. Participants' in physical meeting(s)

i. List of participants

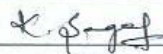
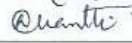
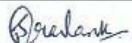
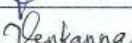
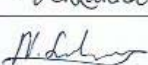

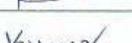
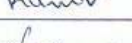

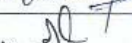
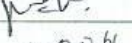







[See Toolkit 2.6.1 and Annex J]

Please attach original participants' list (in original language) as Annex 1.

Participants list					
Date and time:					
Location:					
Category Code	Name of participant, job/ position in the community	Male/ Female	Signature	Organisation (if relevant)	Contact details

LIST OF ATTENDEES ATTENDED THE STAKE HOLDERS CONSULTATION OF 6 MW SOLAR PHOTOVOLTAIC POWER PLANT BY ARHYAMA SOLAR POWER PRIVATE LIMITED

Date of meeting	Venue	Village	Mandal	District	State
10-11-2012	AT POWER PLANT LAND	KOLANUPAKA	ALIER	NALGONDA	ANDHRA PRADESH

SL.NO.	STAKE HOLDERS DETAILS				ORGANIZATION	SIGNATURE
	NAME	AGE	SEX(M/F)	OCCUPATION & VILLAGE		
1.	SAGAR	25	M	EMPLOYEE HYDERABAD	ARHYAMA SOLAR POWER	
2.	ANANTH	30	M	DIRECTOR	"	
3.	SRAKANK	29	M	MANAGEMENT REP	"	
4.	Venkanna	45	M	MUTUREDY GDEM		
5.	SUHAS	20	M	EMPLOYEE Kolanupaka		
6.	VEERENDHRA	26	M		"	
7.	KUMAR	29	M	Employee Accountant	"	
8.	Venket	24	M	Farmer		
9.	A. Pranay	26	M	Engineer	Siddare	
10.	Prakash	34	M	Govt Emp Rajampet	Panchayat	
11.	N. Sridhar	25	M	Farmer		
12.	P. Lakshmi	30	F	Safai (Kolanupaka) Gram Panchayat		
13.	P. Yellach	45	M	Safai Rajampet	Pachayat	
14.	L. Saroja	38	F	Safai Raghavapur		
15.	Prashanth	38	M	Farmer	Bijji Seta	
16.	M. Gopi	32	M	Labourer/ Shanijpet.		
17.	P. Ramana	29	M.	Driver/ Kollur	PRIVATE	
18.	J. Sridhar	33	m	EMPLOYEE/Raghava Pur	Private.	
19.						

ii. Evaluation forms

[See Toolkit 2.6.1, 2.6.2 and Annex J]

Please add at least 4-5 representative samples in English.

Please attach original evaluation forms (in original language) as Annex 2.

Name	
What is your impression of the meeting?	
What do you like about the project?	
What do you not like about the project?	
Signature	

Comments accompanying Annex 2

The consultation session was more of interaction type & participants were very active during the meeting.

Q: Will there be any harmful effect of air or land due to this power plant?

A: No, as the solar power is clean energy hence there would be no such harmful effect.

Q: How the generation of electricity will be affected during night time?

A: Since the electricity generation is dependent upon the sun rays falling on the PV modules, there will be no generation during night time and the generation will be less during cloudy days.

Q: How will the commissioning of this project affect the power cuts in the region?

A: The electricity generated from the solar PV power plant will be fed into the regional grid. This will further reduce the demand-supply gap resulting in improved power scenario in the region.

Q: Will more projects of similar nature are expected to come in future?

A: Yes.

Local stakeholders were very happy as there was considerable improvement in the value of land due to the proposed project activity. And also were very happy by knowing that there will be employment opportunities to the local people from the proposed project activity. They also enquired that whether there will be any other project of similar kind by State Government or private people.

C. 2. Pictures from physical meeting(s)

[See Toolkit 2.6 and 2.6.1]





C. 3. Outcome of consultation process

i. Minutes of physical meeting(s)

Please ensure that you include a summary of the meeting as well as all comments received. Please also include discussion on Continuous Input / Grievance Expression methods; comments, agreement or modifications suggested by Stakeholders.

[See Toolkit 2.6, 2.6.1, 2.6.2, Annex W and Annex J]

Explanation about the main purpose of the project activity i.e. 'to generate electrical energy through green energy generation resource' was narrated. Furthermore it was elaborated that the said project also conceives the following:-

- Indian economy is highly dominated by generation of electricity using fossil fuel, & coal is majorly used in thermal power plants to generate energy & for production processes, yet the basic necessity of large section is not being met. Use of renewable form of energy generation will change consumption pattern & will mitigating the immense stress on the environment.
- Spread of the commercialization of the solar projects in the region
- Contribute to sustainable development of the region, socially, environmentally & economically

After the detailed presentation some of the stakeholders raised questions on the proposed solar based power project to clear their doubts. Following questions were asked which were adequately explained and answered:

Q: How will the project activity benefit the villages around the project site and their residents?

A: The plants will not produce any pollution. It is very silent, clean and green technology for power generation. Life of the plant is 25 years and Arhyama Solar sees a lot of opportunity for locals in terms of business, employment and education.

Q: Is there any smoke or waste discharge from the project?

A: There is no smoke or any other kind of pollution and the project generation from solar power is completely clean.

Q: Will there be any harmful effect of air or land due to this power plant?

A: No, as the solar power is clean energy hence there would be no such harmful effect.

Q: Will more projects of similar nature are expected to come in future?

A: Yes.

Q: How the generation of electricity will be affected during night time?

A: Since the electricity generation is dependent upon the sun rays falling on the PV modules, there will be no generation during night time and the generation will be less during cloudy days.

Q: How will the commissioning of this project affect the power cuts in the region?

A: The electricity generated from the solar PV power plant will be fed into the regional grid. This will further reduce the demand-supply gap resulting in improved power scenario in the region.

ii. Minutes of other consultations

Not Applicable

iii. Assessment of all comments

[See Toolkit 2.6]

Stakeholder comment	Was comment taken into account (Yes/ No)?	Explanation (Why? How?)
Will there be any pollution due to project activity?	No	There will be no smoke or any other kind of pollution
Will there be any adverse effect on rains & land due to project activity?	No	As the solar power is clean energy, there would be no such harmful effect
Will the project supply electricity to the village?	No	The generated electricity will be fed into the grid & supply will not be in the

		purview of the project developer
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iv. **Revisit sustainability assessment**

Are you going to revisit the sustainable development assessment?	Yes	No
<p>Please note that this is necessary when there are indicators scored 'negative' or if there are stakeholder comments that can't be mitigated</p> <p>[See Toolkit 2.7]</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Give reasoning behind the decision

Please note that there were no indicators scored "negative" & the stakeholders were very much interested in the proposed project activity. Hence, there is no need to revisit the sustainable development.

v. **Summary of alterations based on comments**

If stakeholder comments have been taken into account and any aspect of the project modified, then please discuss that here.

[See Toolkit 2.6.2, 2.8]

All the stakeholder's comments were addressed satisfactorily & there were no serious comments which requires the modification of any aspect of the project.

SECTION D. SUSTAINABLE DEVELOPMENT ASSESSMENT

D. 1. Own sustainable development assessment

i. 'Do no harm' assessment

[See Toolkit 2.4.1 and Annex H]

Safeguarding principles	Description of relevance to my project	Assessment of my project risks breaching it (low, medium, high)	Mitigation measure
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 respects internationally proclaimed human rights including dignity, cultural property. India is a party to Universal Declaration of Human Rights²	Low	Not required
2 The project does not involve and is not complicit in the alteration, damage or removal of any critical cultural heritage	There is no danger involved to the critical cultural heritage by the proposed project activity	Low	Not required
3 The project does not involve and is not complicit in any form of forced or compulsory labour	There is no forced or compulsory labour involved in the proposed project activity. India has ratified ILO convention 29 and 105 on	Low	Not required

² http://www.mha.nic.in/hindi/Human_Rights_Division

	elimination of forced and compulsory labour ³ .		
4 The project does not employ and is not complicit in any form of child labour	<p>There is no child labour involved in the proposed project activity</p> <p>Though India has not ratified ILO convention 138 (minimum age) and convention 182 (worst form of child labour), India has its own Child Labour (Prohibition & Regulation) Act, which prohibits employment of children⁴.</p>	Low	Not required
5 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	<p>There is no discrimination based on gender, race, religion, sexual orientation is involved in the proposed project activity.</p> <p>India has ratified ILO Convention 100 (equal remuneration) and Convention 111 (discrimination in employment/occupation).</p>	Low	Not required
6 The project does not involve and is not complicit in corruption	<p>There is no corruption involved in the proposed project activity.</p> <p>India has ratified the UN Convention against corruption and also has its National Prevention of Corruption Act, 1988.</p>	Low	Not required
Additional relevant critical issues for	Description of relevance to my project	Assessment of relevance to my	Mitigation measure

3

http://labour.nic.in/upload/uploadfiles/files/footergallery_pdf/List%20ofILO%20Conventions%20Ratified%20by%20India.pdf

⁴ <http://labour.nic.in/content/division/labour-policies.php>

my project type		project (low, medium, high)	
1 Labour standard	Not Applicable The company is registered under the Companies Act, 1956, hence is well acquainted with the requirements of the labour standard.	Not Applicable	Not Applicable
2 Dust emission	Not Applicable The proposed project is a solar power generation project. Hence, does not result into dust emission	Not Applicable	Not Applicable
3 Species morality	Not Applicable The proposed project is a renewable energy project; hence, does not involve any barrier to the living pattern of the birds/species	Not Applicable	Not Applicable
etc...			

ii. Sustainable development matrix

[See Toolkit 2.4.2 and Annex I]

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' assessment, and include mitigation measure used to neutralise a	Check www.undp.org/mdg and www.mdgmonitor.org Describe how your indicator is related to local	Defined by project developer	<u>Negative impact:</u> score '-' in case negative impact is not fully mitigated, score '0' in case impact

	score of '-'	MDG goals		is planned to be fully mitigated
				<u>No change in impact:</u> score '0'
				<u>Positive impact:</u> score '+'
Air quality	No mitigation measure required	Goal 7: Ensure Environmental Sustainability	Parameter: Amount of CO ₂ arrested from releasing into environment Explanation: Due to avoidance of fossil fuel combustion, CO ₂ emissions will be reduced.	0
Water quality and quantity	No mitigation measure required	Goal 7: Ensure Environmental Sustainability	Parameter: Discharge of Waste water into environment Explanation: Conventional thermal power plants discharge huge quantity of waste water which is used for cooling and other auxiliary purposes. The proposed Project activity is being solar energy project does not require water for its operation and hence, it would	0

			lead to avoidance of substantial waste water discharge into the atmosphere.	
Soil condition	No mitigation measure required	Goal 7: Ensure Environmental Sustainability	Parameter: Reduces pollution of soil which is caused by lead, SOx, NOx & reduces soil erosion level. Explanation: Being renewable source project using Solar energy as source, it avoids fossil fuel combustion & thus reduces pollution of soil which is caused by lead, SOx, NOx & reduces soil erosion level.	0
Other pollutants	No mitigation measure required	Goal 7: Ensure Environmental Sustainability	Parameter: Level of noise pollution Explanation: During the operation of the solar power project there won't be any noise produced.	0
Biodiversity	No mitigation measure required	Goal 7: Ensure Environmental Sustainability	Parameter: Number of affected plants & birds. Explanation: The project activity is not having any adverse effect on plants & birds.	0

Quality of employment	Health & Safety Trainings for all employees of the power plant by Project Developer	Goal 1: Eradicate extreme poverty and hunger	<p>Parameter:</p> <ol style="list-style-type: none"> 1) Health and Safety trainings 2) Operation and Maintenance Trainings <p>Explanation: Project developer ensures high standard health and safety conditions for the employees and provides Health & Safety Trainings to employees. Operation and maintenance training is also imparted to the staff members. Health & Safety Trainings help to mitigate occupational risks and Operation and Maintenance Trainings help employees to learn high quality skills. Training Records have been provided to DOE for reference.</p>	+
Livelihood of the poor	No mitigation measures required	Goal 1: Eradicate extreme poverty and hunger	<p>Parameter: Poverty alleviation, e.g. changes in living standards, number of people living under the poverty line.</p> <p>Explanation: The project helped in generating livelihoods for the local residents by</p>	0

			<p>creating employment opportunities and by catalysing the overall economic activities in the region. However, the exact positive impact of the project in terms of livelihood and poverty alleviation can't be quantified. Therefore, this indicator has been scored neutral.</p>	
<p>Access to affordable and clean energy services</p>	<p>No mitigation measures required</p>	<p>Goal 7: Ensure Environmental Sustainability</p>	<p>Parameter: Change in Traditional fuel consumption Explanation: As a local energy source, solar power helps to mitigate high dependency on coal and thus improves the access to energy services, especially in the scenarios of coal supply shortage. However, as the improved access to energy services does not affect the local public (as the electricity is delivered to the grid) and cannot be assigned to specific consumers and therefore not be</p>	<p>0</p>

			<p>monitored. Same can be checked at UNFCCC website (http://cdm.unfccc.int/Projects/DB/CRA1423841654.9/view). Accordingly, a conservative score of zero is applied to this indicator.</p>	
Human and institutional capacity	No mitigation measures required	Goal 2: Achieve universal primary education	<p>Parameter: Access to primary, secondary and tertiary schooling as well as affordability and quality of education. Activities such as awareness raising for health. Explanation: Since access to basic education and Health are two basic factors to facilitate human and institutional capacity development, various initiatives are undertaken by the project developer to contribute to these areas. These initiatives lead to several benefits for the local community. Documents pertaining to these</p>	+

			<p>initiatives have been submitted to DOE for reference. Accordingly, the impact of the parameter to this indicator has been scored positive.</p>	
<p>Quantitative employment and income generation</p>	<p>No mitigation measures required</p>	<p>Goal 1: Eradicate extreme poverty and hunger</p>	<p>Parameter: Number of local people employed for the operation and other activities pertaining to the project. Explanation: The project has created employment opportunities for local villagers. During construction phase of the solar farm, persons have been employed for security purpose and few persons have been employed for construction activities from nearby villages. During Operation and Maintenance phase of the solar farm, persons have been employed for service activities from nearby villages. Documents pertaining to employment</p>	<p>+</p>

			generation have been provided to DOE for reference.	
Balance of payments and investment	No mitigation measures required	Goal 8: Develop a Global Partnership for Development	Parameter: Net foreign currency savings resulting from the reduction of fossil fuel imports as a result of renewable source of energy being used for project activity. Explanation: The electricity generated by the project activity displace equivalent electricity mainly produced by coal fired power plants, thus resulting in reduced consumption of fossil fuels. Since the coal consumption by Power Plants in India depends majorly on domestic source, there is almost negligible amount of net foreign exchange reserve generated from the project. Therefore, the project will not have any major impact on balance	0

			of payments. Accordingly, this indicator has been scored neutral.	
Technology transfer and technological self-reliance	No mitigation measures required	Goal 8: Develop a Global Partnership for Development	Parameter: Technology sourced from outside or inside the country. Explanation: The project uses existing localized technology Solar Power generation. The penetration of solar energy technology is prominent in India and therefore project activity does not lead to any technology transfer or introduction of new technology from outside or inside the country. Therefore, the impact is considered neutral.	0
Justification choices, data source and provision of references				
Air quality	<p>Electricity generated from the solar farm partially substitute's electricity generation from fossil fuel fired power plants that represent a large share of the Indian grid generation mix. Thus, besides greenhouse gases, all other air pollutants (e.g. SOx, NOx, CO), particle and NMVOC emissions are avoided by the project activity. Therefore, in the SDM the impact of the project on the air quality is scored with (0).</p> <p>Dust emergence connected to the project activity appears only for a short time during the construction phase and is generally caused by digging foundations, land arrangement works and installation of the</p>			

	solar panels. Dust emissions were controlled in compliance with regulations of Ministry of Environment and Forest, hence there was no impact of dust on the local population.
Water quality and quantity	In terms of water quality & quantity, the solar power plant helps to reduce water consumption and pollution for electricity generation as compared to the fossil fuel based power plants, which consume huge amount of water. However, the contribution is difficult to qualify or measure, no parameter has been chosen to monitor the impact. Hence, this indicator has given score “neutral”.
Soil condition	With the proposed project activity, significant amount of NOx and emissions are avoided, which would otherwise lead to degradation of the soil in and around the project area. However, to be conservative, impact of the project on this indicator is scored to be neutral.
Other pollutants	In the context of the solar farms other pollutants is noise. However, since the project is located on land away from the settlement area, no negative impact of noise of the project activity to the habitants is expected during both construction and operation period.
Biodiversity	In the project area, there is no risk for birds, because project area is neither on the path of migrating birds nor a habitat for birds. Additionally, the project area is not a habitat for any endangered species of plants or animals. Hence, the potential impact of the construction and operation of the project activity on diversity of flora and fauna is non-existent.
Quality of employment	Project developer ensures high standard health and safety conditions for the employees and provides Health & Safety Trainings to employees. Operation and maintenance training is also imparted to the staff members. Health & Safety Trainings help to mitigate occupational risk and Operation and Maintenance Trainings help employees to learn high quality skills. Since, the impact of the parameter to this indicator is scored positive, trainings organized for awareness related to safety, Operation and Maintenance will be monitored.
Livelihood of the poor	The project has helped in generating livelihoods for the local residents by creating employment opportunities and by catalyzing the overall economic activities in the region. However, the exact positive impact of the project in terms of livelihood and poverty alleviation can't be quantified. Therefore, this indicator has been scored neutral.
Access to affordable and clean energy services	As a local energy source, solar power helps to mitigate high dependency on coal and thus improves the access to energy services, especially in the scenarios of coal supply shortage. However, as the improved access to energy services does not affect the local public (as the electricity is delivered to the grid) and cannot be assigned to

	specific consumers and therefore can't be monitored, a conservative score of zero is applied to this indicator.
Human and institutional capacity	Since access to basic education and health are two basic factors parts to facilitate human and institutional capacity development, various initiatives are undertaken by the project developer to contribute to these areas. These initiatives lead to several benefits for the local community. Since, the impact of the parameter to this indicator is scored positive, initiatives undertaken by the project developer to enhance the access of local community to basic education and health facilities would be monitored.
Quantitative employment and income generation	The project has created employment opportunities for local villagers. During construction phase of the solar farm, persons have been employed for security purpose and few persons have been employed for construction activities from nearby villages. During Operation and Maintenance phase of the solar farm, persons have been employed for service activities from nearby villages. Since, the impact of the parameter to this indicator is scored positive, Number of local employment as a result of project activity will be monitored.
Balance of payments and investment	The electricity generated by the project activity displace equivalent electricity mainly produced by coal fired power plants, resulting in reduced coal consumption. Since the coal consumption by Power Plants in India depends primarily on domestic source, there is almost negligible amount of net foreign exchange reserve generated from the project. Therefore, the project will not have any major impact on balance of payments.
Technology transfer and technological self-reliance	The project uses existing localized technology Solar Power generation. The penetration of solar energy technology is prominent in India and therefore project activity does not lead to any technology transfer or introduction of new technology from outside or inside the country. Therefore, the impact is considered neutral.

Comments accompanying own sustainable development matrix

There are no '-negative impact indicators are accompanied with the proposed project activity. Hence, no mitigation measures are required.

D. 2. Stakeholders Blind sustainable development matrix

[See Toolkit 2.6.1]

The proposed project activity is a solar PV power project & the same is explained to the stakeholders very effectively. Also the above mentioned sustainable matrix has been explained & discussed with the stakeholders. As there are no negative comments from the stakeholders the above detailed matrix is applicable.

Give analysis of difference between own sustainable development matrix and the one resulting from the blind exercise with stakeholders. Explain how both were consolidated.

As the proposed project activity is renewable & clean energy project, no negative indicators are applicable to the proposed project activity.

D. 3. Consolidated sustainable development matrix

Same as mentioned in Section D.1 & Point ii

SECTION E. SUSTAINABILITY MONITORING PLAN

E. 1. Discussion on Sustainability monitoring Plan

[See Toolkit 2.4.3 and 2.6.1]

In the local stakeholders meeting, SD indicators have been explained to all the stakeholders and they have participated in the discussion on the same.

SD indicators such as Air quality, Water quality and quantity, Soil condition, Other pollutants, Biodiversity, Quality of employment, Livelihood of the poor, Access to affordable and clean energy services, Human and institutional capacity, Quantitative employment and income generation, Technology transfer and technological self-reliance

have been discussed and there are no negative indicators as the proposed project is a renewable energy project.

And the positive SD indicators will be monitored as discussed in the following sections.

E. 2. Discussion on continuous input / grievance mechanism

[See Annex W]

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>This method chosen for Continuous input /grievance mechanism.</p> <ul style="list-style-type: none"> ➤The complaint register book is located at the project site with access to all the stakeholders ➤At regular intervals, meetings are being held with the local stakeholders to discuss the grievances / inputs 	<p>This method is chosen as the most of the local villagers don't have the access to telephone or Internet/email. Hence, Continuous Input / Grievance Expression Process Book is best possible method.</p>
Telephone access	<p>This method chosen for Continuous input /grievance mechanism.</p> <p>The contact details of the site in charge made available to the local villagers in case of any</p>	<p>Even though these two options have very limited access to the stakeholders, PP has publicly displayed the telephone number & email ID at the project site in support of Continuous input / grievance mechanism expression</p>
Internet/email access		

	<p>urgency</p> <p>Name: Mr. Gandhi Babu</p> <p>Mobile: +91-8977759922</p> <p>Mail ID: ananth@arhyamasolar.com</p>	
Nominated Independent Mediator (optional)		

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

SECTION F.	DESCRIPTION OF THE DESIGN OF THE STAKEHOLDER FEEDBACK ROUND
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[See Toolkit 2.11]

Stakeholders Feedback Round has been scheduled on 10th Sept 2015 by PP. Invitation for the meeting to the stakeholders have been distributed & the public notice has been displayed at local panchayat office on 26/08/2015.

This SFR will be conducted at the project site itself & the same will be attended by the GS Project validator also.

SFR also will be conducted so that the following points are covered:

- Opening of the meeting
- Explanation of the project
- Discussion of continuous inputs /grievance mechanism
- Questions for clarification about the project
- Closure of the meeting

Also the Gold Standard Documentation will be available for local stakeholder's reference for the period of two months from 26th Aug 2015 at the local panchayat office, at project site & also at the website if Arhyama Solar Power Private Limited (<http://www.arhyama.com/gold-standard-documentation.php>)

Hence, all the stakeholders are requested to go through the same & provide your valuable suggestions & complaints if any.



Invitations for SFR:

Gram Panchayat Notice

Invitation for Stakeholders Feedback Meeting

26/08/2015

M/s. Arhyama Solar Power Private Limited has entered in 3rd year of successful operation of their 6 MW Solar power project in Kolanpaka village, Aleir Mandal, Nalgonda District, Telangana State, India.

Pertaining to same project, M/s Arhyama Solar Power Private Limited is conducting a meeting in order to invite the suggestions & complaints from all the local stakeholders of the said project. The meeting is the initiative from the management of M/s Arhyama Solar Power Private Limited & the same will be attended by the Gold Standard Project Validator also.

Please note that the "Gold Standard Documentation" which includes hard copies of Passport, PDD & LSM details are available at panchayat office, project site and our website

(<http://www.arhyama.com/gold-standard-document.php>) for stakeholder's perusal.

These documents will be available for a period of 60 days from today (I.e. from 26/08/2015 to 25/10/2015). Hence, all the local stakeholders are requested to go through the same and attend the meeting & provide their valuable opinions, suggestions & complaints.

Mode of communication:

Phone : +91- 89777 58866

Email: svk@arhyamasolar.com, rekha.menon@rina.org, ayushi.jain@goldstandard.org & info@goldstandard.org

Grievance Register available at project site or by post to the address mentioned below

Meeting details as follows:

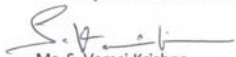
Date of the meeting: 10th Sept 2015

Time of the meeting: 10.30 AM

Venue of the meeting: Project site at Kolanpaka, Aleir Mandal, Nalgonda District, Telangana - 508001

Please contact the undersigned for further information.

For Arhyama Solar Power Private Limited



Mr. S. Vamsi Krishna
Sr. Manager (Operations)

Plant Address:

Sy No 1085, 1088, 1102 Kolanpaka Village, Aleir Mandal, Nalgonda District, Telangana - 508 001





గోరామ పంచాయతీ నోటిసు
లోకల్ సేక్టర్ మీటింగ్ కొరకు ఆహ్వానము

26/08/2015

M/s. అర్హ్యమ సోలార్ పవర్ ప్రైవేటు లిమిటెడ్ వారు తమ 6 MW సోలార్ పవర్ ప్రాజెక్ట్ కొరకు లోకల్ సేక్టర్ హెల్పర్స్ మీటింగ్ నిర్వహించుచున్నారు. కొలనుపాక గోరామం, ఆలేరు మండలం, నల్గొండ జిల్లా, తెలంగాణ రాష్ట్రము, నందు నిర్వహించ బోవుచున్న ఈ మీటింగ్ కు గోరామ ప్రజలు అందరు హాజరు అయ్యి తమ సలహాలు, సూచనలు మరియు ఫిర్యాదులు సమర్పించ వలసినదిగా కోరుతున్నాము.

గోల్డ్ స్టాండర్డ్ ప్రాజెక్ట్ కు సంబంధించిన వివరములు మరియు డాక్యుమెంట్స్ అన్ని స్థానిక పంచాయతీ ఆఫీస్ నందు మరియు (<http://www.arhyama.com/gold-standard-document.php>) నందు పొందు పరిచాము. ఈ వివరములు 26/08/2015 నుండి 25/10/2015 వరకు అనగా 60 రోజుల వరకు ప్రజల అందుబాటు లో ఉంటాయి.

మీ విలువైన సలహాలు, సూచనలు మరియు ఫిర్యాదులు కఠింది విధముగా సమర్పించ వలసినదిగా కోరుతున్నాము.

ఇ మెయిల్: svk@arhyamasolar.com, rekha.menon@rina.org & ayushi.jain@goldstandard.org
ఫోన్: +91- 89777 58866 info@goldstandard.org

లేదా ప్రాజెక్ట్ దగ్గర ఉన్న ఫిర్యాదుల పట్టిక లో రాయ వలసినదిగా కోరుతున్నాము.

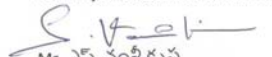
మీటింగ్ వివరములు:

సమావేశ తేదీ: 10th Sept 2015

సమావేశ స్థలము: సోలార్ ప్రాజెక్ట్ సైట్, కొలనుపాక గోరామం, ఆలేరు మండలం, నల్గొండ జిల్లా, తెలంగాణ రాష్ట్రము,

తదుపరి వివరముల కొరకు కఠింది పేర్కొనబడిన వారిని సంప్రదించ గలరు.

For Arhyama Solar Power Private Limited


Mr. ఎస్. వంశీ కృష్ణ
సీనియర్ మేనేజర్ (ఆపరేషన్స్)



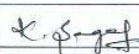
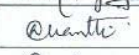
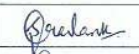
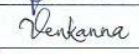
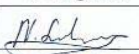
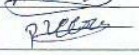
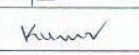

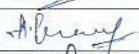
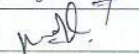
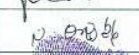






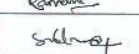
ఫాంట్ అడ్రస్:

సర్వీ నెంబర్ 1085, 1088, 1102
కొలనుపాక గోరామం, ఆలేరు మండలం, నల్గొండ జిల్లా, తెలంగాణ రాష్ట్రము - 508 001

ANNEX 1. ORIGINAL PARTICIPANTS LIST

LIST OF ATTENDEES ATTENDED THE STAKE HOLDERS CONSULTATION OF 6 MW SOLAR PHOTOVOLTAIC POWER PLANT BY ARHYAMA SOLAR POWER PRIVATE LIMITED

Date of meeting	Venue	Village	Mandal	District	State
10-11-2012	AT POWER PLANT LAND	KOLANPA	ALIER	NALGONDA	ANDHRA PRADESH

SL.NO.	STAKE HOLDERS DETAILS				ORGANIZATION	SIGNATURE
	NAME	AGE	SEX(M/F)	OCCUPATION & VILLAGE		
1.	SAGAR	25	M	EMPLOYEE HYDERABAD	ARHYAMA SOLAR POWER	
2.	ANANTH	30	M	DIRECTOR	"	
3.	SRANK	29	M	MANAGEMENT REP	"	
4.	VENKANA	45	M	MUTUPEDDYDEM	"	
5.	SUHAS	20	M	EMPLOYEE NALANUPAKA	"	
6.	VEERENDRA	26	M	"	"	
7.	KUMAR	29	M	Employee Accountant	"	
8.	VENKTESH	24	M	Farmer	"	
9.	A. Pranay	26	M	Engineer	Sannare	
10.	Prakash	34	M	Govt Emp Rajampet	Panchayat	
11.	N. Sridhar	25	M	Farmer	"	
12.	P. Lakshmi	30	F	Safai (Kolanpeta) Gram panchayat	"	
13.	P. Vellach	45	M	Safai Rajampet	Panchayat	
14.	L. Saroja	38	F	Safai Rajampet	"	
15.	Shanmugas	38	M	Farmer	Bijji Sannare	
16.	M. Gopi	32	M	Labourer - Shanijpet.	"	
17.	P. Ramana	29	M.	Driver/ Kollar	PRIVATE	
18.	J. Sridhar	33	m	EMPLOYEE/Raghava Peta	Private.	
19.						

ANNEX 2. ORIGINAL EVALUATION FORMS