

# ANNEX R – PASSPORT TEMPLATE

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**Annex 1 ODA declarations** 



#### SECTION A. Project Title

#### [See Toolkit 1.6]

Title: 6MW Solar Power Project by Arhyama Solar Power

Date: 13/08/2015

Version no.: 01

#### SECTION B. Project description

#### [See Toolkit 1.6]

The main purpose of this project activity is to generate clean form of electricity through renewable solar energy source. Arhyama Solar Power Private Limited (herein after referred as ASPPL) is the owner of the proposed project activity. The project activity involves installations of 6 MW solar photovoltaic technology based power plant at Nalgonda, Telangana. The project will replace anthropogenic emissions of greenhouse gases (GHGs) estimated to be approximately 9,535 tCO<sub>2</sub>e per year, thereon displaces average 9,899 MWh/year amount of electricity from the generation-mix of power plants connected to the Southern grid, which is mainly dominated by thermal/fossil fuel based power plant.

The project was registered under CDM on 13<sup>th</sup> Feb 2015 with reference number 10122<sup>1</sup>.

In the absence of the project activity the equivalent amount of electricity would have been generated from the connected/ new power plants in the Southern grid, which are/ will be predominantly based on fossil fuels. Whereas the electricity generation from operation of Solar PV modules is emission free. As per the applicable methodology the baseline scenario for the project activity is the grid based electricity system, which is also the pre project scenario. The life time of the proposed project activity is 25 years as per the equipment supplier specifications. The technology employed is environmentally safe and sound since project activity doesn't uses any fossil fuel for electricity generation. Project activity uses solar power as source of energy and there is no project emission or leakage into the environment.

The Project harnesses renewable energy resources in the region, thereby displacing the usage of nonrenewable natural resources and leading to sustainable economic and environmental benefits. The generated electricity will be fed into Southern Grid. The project will help to stimulate and commercialise the use of grid connected renewable energy technologies and markets. Furthermore, the project will demonstrate the viability of grid connected solar farms which can support improved improved air quality, alternative sustainable energy futures, energy security, improved local livelihoods and sustainable renewable energy industry development.

#### **Contribution to Sustainable Development**

1. Social well-being:

- The project activity will lead to alleviation of poverty by establishing direct and indirect benefits through employment generation and improved economic activities by strengthening of local grid of the state electricity utility.
- Use of a renewable source of energy reduces the dependence on imported fossil fuels and

<sup>&</sup>lt;sup>1</sup> <u>http://cdm.unfccc.int/Projects/DB/CRA1423841654.9/view</u>



associated price variation thereby leading to increased energy security.

#### 2. Environmental well-being:

- Being a renewable resource, using solar energy to generate electricity contributes to resource conservation. Thus the project causes no negative impact on the surrounding environment and contributes to environmental well-being.
- The project activity employs renewable energy source for electricity generation instead of fossil fuel based electricity generation which would have emitted gaseous, liquid and/or solid effluents/wastes.

#### **3. Economic well-being:**

- The generated electricity will be fed into the Southern grid through local grid, thereby improving the grid frequency and availability of electricity to the local consumers (villagers & sub-urban habitants) which will provide new opportunities for industries and economic activities to be setup in the area thereby resulting in greater local employment, ultimately leading to overall development.
- The project activity requires temporary and permanent, skilled and semi-skilled manpower at the solar project site; this will create additional employment opportunities in the region

#### 4. Technological well-being:

• Increased interest in solar energy projects will further push R&D efforts by technology providers to develop more efficient and better machinery in future.

The project activity has been commissioned on 23<sup>rd</sup> December 2013 and came into operation.

The length of the First Crediting period of the project activity as per registered PDD is 7 years (Renewable) from 13 Feb 15 - 12 Feb 22

## SECTION C. Proof of project eligibility

#### C.1. Scale of the Project

#### [See Toolkit 1.2.a]

Please tick where applicable:

Project Type	Large	Small
		V



|--|

# C.2. Host Country

[See Toolkit 1.2.b]

INDIA

# C.3. Project Type

## [See Toolkit 1.2.c and Annex C]

Please tick where applicable:

Project type		No
Does your project activity classify as a Renewable Energy project?	v	
Does your project activity classify as an End-use Energy Efficiency Improvement project?		V



Does your project activity classify as waste handling and disposal project?		V	
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*Please justify the eligibility of your project activity:* 

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, CO<sub>2</sub>) which is eligible under both gold standard & UNFCCC.

Pre Announcement	Yes	No
Was your project previously announced?		V
Explain your statement on pre announcement		

The proposed project has not previously announced to be going ahead without the revenues from carbon credits.

### C.4. Greenhouse gas

### [See Toolkit 1.2.d]

Greenhouse Gas	
Carbon dioxide	V
Methane	×



Nitrous oxide ×	
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### C.5. Project Registration Type

## [See Toolkit 1.2.f]

Project Registration Type	
Regular	v

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)
	V		

# If Retroactive, please indicate Start Date of project activity dd/mm/yyyy: 23/12/2013

## SECTION D. Unique project identification

### D.1. GPS-coordinates of project location

# [See Toolkit 1.6]

	Coordinates
Latitude	17° 63' N
Longitude	79° 01' E

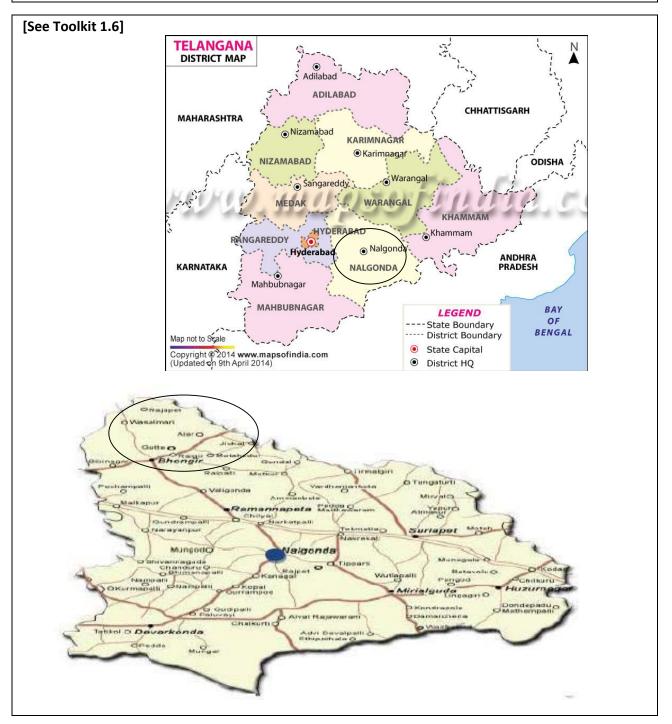


Explain given coordinates



The project is located at Kolanpaka Village which is in Aleir Mandal, Nalgonda District of Telangana state. The land is located about 1 km away from the main road. Nearest Airport is Hyderabad Airport.

### D.2. Map





#### **SECTION E.** Outcome stakeholder consultation process

### E.1. Assessment of stakeholder comments

#### [See Annex J]

A local stakeholders meeting was conducted to invite the comments from local stakeholders at Project site, Kolanupaka Village, Aleir Mandal, Nalgonda District, Telangana State on 10 Dec 2012. A local newspaper advertisement was placed in "Andhrabhoomi" on 30<sup>th</sup> Nov 2012 inviting the local stakeholders for the meeting. The public notice also made available to the local villagers. The meeting was presided over by Mr. Ananth Nakirikanti (ASPPL-Director).

Mr. Ananth Nakirikanti welcomed the gathering and introduced the company & briefed the agenda initiative to the stakeholders.

Director briefed the proposed project activity of ASPPL, reasons for setting up the project, costs and benefits of setting up the project and role of project in mitigating the emissions of greenhouse gases into the atmosphere.

And also explained the global warming and its impacts, Kyoto Protocol, CDM and role of solar power in mitigating the global warming. He invited Mr. Vamsi Krishna who explained about the project activity and discussed the benefits of solar power project in the mitigation of global warming.

Mr. Vamsi Krishna then delivered the vote of thanks and appreciated the villagers for their active participation.

The meeting was very cordial without any adverse comments and ended on a positive note.

[See Local Stakeholder Consultation Report B.5 and insert table from "C.3.iii Assessment of all comments". Insert a summary of alterations based on comments]

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
How the proposed solar project help in mitigating climate change?	Yes	The solar energy is a clean, renewable source of energy, which produces no greenhouse gas emissions or waste products. Largest carbon emitters in the present scenario are the fossil fuel based power generators. Hence, the proposed project activity helps in switching from the conventional fuel to non- conventional fuel sources.
Whether the proposed project harms the local property values?	Yes	Due to the proposed project, there would not be any negative result on property values & in return the development of solar projects increases the property value owing to the development in the region by the project proponent.

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

#### [See Toolkit 2.11]

Stakeholders feedback round has been organized by the PP as an approach to individual stake holders with the feedback formats & the same has been documented as per the guidelines.



# E. 3. 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	<ul> <li>This method chosen for Continuous input /grievance mechanism.</li> <li>➤The complaint register book is located at the project site with access to all the stakeholders</li> <li>➤At regular intervals, meetings are being held with the local stakeholders to discuss the grievances / inputs</li> </ul>	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.
Telephone access Internet/email access	This method chosen for Continuous input /grievance mechanism. The contact details of the site in charge made available to the local villagers in case of any urgency Name: Mr. Gandhi Babu Mobile: +91-8977759922 Mail ID: ananth@arhyamasolar.com	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
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 in section G.

### SECTION F. Outcome Sustainability assessment

### F.1. 'Do no harm' Assessment

### [See Toolkit 2.4.1 and Annex H]

Safeguarding principles	Description of relevance to	Assessment of my	Mitigation
	my project	project risks breaching it (low/medium/high)	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 Rights <sup>2</sup>	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 elimination of forced and compulsory labour <sup>3</sup> .	Low	Not required
4 The project does not employ and is not complicit in any form of child labour	There is no child labour involved in the proposed project activity Though India has not	Low	Not required

<sup>2</sup> <u>http://www.mha.nic.in/hindi/Human Rights Division</u> 3

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



	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 children <sup>4</sup> .		
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	There is no discrimination based on gender, race, religion, sexual orientation is involved in the proposed project activity. India has ratified ILO	Low	Not required
	Convention100(equalremuneration)andConvention111(discriminationinemployment/occupation).		
6 The project does not involve and is not complicit in corruption	There is no corruption involved in the proposed project activity.	Low	Not required
	India has ratified the UN Convention against corruption and also has it National Prevention of Corruption Act, 1988.		
Additional relevant critical issues	Description of relevance to	Assessment of relevance	Mitigation
for my project type	my project	to my project (low/medium/high)	measure
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	Not Applicable	Not Applicable

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



	The proposed project is a		
	solar power generation		
	project. Hence, does not		
	result into dust emission		
3 Species morality	Not Applicable	Not Applicable	Not Applicable
	The proposed project is a		
	renewable energy project;		
	hence, does not involve any		
	barrier to the living pattern		
	of the birds/species		
Etc.			

## F.2. Sustainable Development matrix

# [See Toolkit 2.4.2 and Annex I]

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

Indicator	Mitigation	Relevance to	Chosen parameter	Preliminary score
	measure	achieving MDG	and explanation	
Gold Standard	If relevant copy	Check	Defined by project	Negative impact:
indicators of	mitigation	www.undp.or/md	developer	score '-' in case
sustainable	measure from "do	g and		negative impact is not
development.	no harm" –table,	www.mdgmonito		fully mitigated
	or include	r.org		score 0 in case impact
	mitigation			is planned to be fully
	measure used to	Describe how		mitigated
	neutralise a score	your indicator is		No change in impact:
	of '–'	related to local		score 0
		MDG goals		Positive impact:
				score '+'
Air quality	No mitigation	Goal 7: Ensure	Parameter: Amount	
	measure required	Environmental	of CO <sub>2</sub> arrested	
		Sustainability	from releasing into	
			environment	
			Explanation: Due to	0
			avoidance of fossil	
			fuel combustion,	
			CO <sub>2</sub> emissions will	
			be reduced.	
Water quality and	No mitigation	Goal 7: Ensure	Parameter:	0
quantity	measure required	Environmental	Discharge of Waste	



		Sustainability	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 lead	
			to avoidance of	
			substantial waste	
			water discharge into the	
Soil condition	No mitigation	Goal 7: Ensure	atmosphere.	
Soli condition	No mitigation	Environmental	Parameter: Reduces pollution of soil	
	measure required			
		Sustainability	which is caused by	
			lead, SOx, NOx & reduces soil erosion	
			level.	
			Explanation: Being	
			renewable source	0
			project using Solar	0
			energy as source, it avoids fossil fuel	
			combustion & thus	
			reduces pollution of	
			soil which is caused	
			by lead, SOx, NOx &	
			reduces soil erosion	
			level.	
Other pollutants	No mitigation	Goal 7: Ensure	Parameter: Level of	0
	measure required	Environmental Sustainability	noise pollution Explanation: During	U I





1	1	1	the operation of the	
			solar power project	
			there won't be any	
			noise produced.	
Biodiversity	No mitigation	Goal 7: Ensure	Parameter: Number	
ыбшиетыцу	-	Environmental	of affected plants	
	measure required		& birds.	
		Sustainability		
			Explanation: The	0
			project activity is	
			not having any	
			adverse effect on	
			plants & birds.	
Quality of	Health & Safety	Goal 1: Eradicate	Parameter:	
employment	Trainings for all	extreme poverty	1) Health and	
	employees of the	and hunger	Safety trainings	
	power plant by		2) Operation and	
	Project Developer		Maintenance	
			Trainings	
			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 <b>Maintenance</b>	
			Trainings help	
			employees to learn	
			high quality skills.	
			Training Records	
			have been provided	
			to DOE for	
			reference.	





Livelihood of the	No mitigation	Goal 1: Eradicate	Darameter: Deverti	
	No mitigation		Parameter: Poverty	
poor	measures required	extreme poverty	alleviation, e.g.	
		and hunger	changes in living	
			standards, number	
			of people living	
			under the poverty	
			line.	
			Explanation:	
			The project helped	
			in generating	
			livelihoods for the	
			local residents by	
			creating	
			employment	0
			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.	
Access to	No mitigation	Goal 7: Ensure	Parameter: Change	0
affordable and	measures required	Environmental	in Traditional fuel	
clean energy		Sustainability	consumption	
services			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	

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1	1		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	
			monitored. Same	
			can be checked at	
			UNFCCC website	
			(http://cdm.unfccc.i	
			nt/Projects/DB/CRA	
			1423841654.9/view	
			). Accordingly, a	
			conservative score	
			of zero is applied to	
			this indicator.	
Human and	No mitigation	Goal 2: Achieve	Parameter: Access	
institutional	measures required	universal primary	to primary,	
capacity		education	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	
		1	contribute to these	

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		areas. These initiatives lead to several benefits for the local community. Documents pertaining to these initiatives have been submitted to DOE for reference. Accordingly, the impact of the	
		parameter to this indicator has been	
		scored positive.	
No mitigation measures required	Goal 1: Eradicate extreme poverty and hunger	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	+

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			from nearby villages. Documents pertaining to employment generation have been provided to DOE for reference.	
Balance of	No mitigation	Goal 8: Develop a	Parameter: Net	
payments and	measures required	Global Partnership	foreign currency	
investment	·	for Development	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	0
			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,	





T	1	1	L	1 1
			the project will not	
			have any major	
			impact on balance	
			of payments.	
			Accordingly, this	
			indicator has been	
			scored neutral.	
Technology	No mitigation	Goal 8: Develop a	Parameter:	
transfer and	measures required	Global Partnership	Technology sourced	
technological self-		for Development	from outside or	
reliance			inside the country.	
			Explanation: The	
			project uses existing	
			localized technology	
			Solar Power	
			generation. The	
			penetration of solar	
			energy technology	
			is prominent in	0
			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.	
<u> </u>	1		1	1

## Justification choices, data source and provision of references

Air quality	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).
	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 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	The project has created employment opportunities for local villagers. During
employment and	construction phase of the solar farm, persons have been employed for
income generation	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	The electricity generated by the project activity displace equivalent electricity
and investment	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	The project uses existing localized technology Solar Power generation. The
and technological self-	penetration of solar energy technology is prominent in India and therefore
reliance	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.

# SECTION G. Sustainability Monitoring Plan

# [See Toolkit 2.4.3 and Annex I]

Copy Table for each indicator

No	1
Indicator	Quality of Employment
Mitigation measure	N/A
Repeat for each parameter	
Chosen parameter	Training records, categories of jobs created, occupational health management, safeguards put in place



Current situation of parameter		Current situation is similar to baseline situation	
Estimation of baseline situation of parameter		Project developer has comprehensive internal systems in place wherein all essential norms pertaining to safety, occupational health and working conditions are being followed.	
Future target for parameter		All aspects of occupational health and working conditions would be strengthened through training, capacity building and awareness generation activities. Skill enhancement exercises would be undertaken for the local staff by providing them training on the technical aspects of the project operation.	
Way of monitoring	How	Documentation pertaining to training programmes, awareness generation activities etc. , photographs , interviews	
	When	Annually	
	By who	Project Developer	

No		2	
Indicator		Human and institutional capacity	
Mitigation measure		N/A	
Repeat for each parameter			
Chosen parameter		Total number of beneficiaries of the initiatives undertaken by the project developer to enhance the human and institutional capacity of the local stakeholders	
Current situation of parameter		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.	
Estimation of baseline situation of parameter		Around 200 people have been directly or indirectly benefitted by various CSR initiatives undertaken by the project developer.	
Future target for parameter		Enhance the scale of CSR activities so as the increase the number of direct as well as indirect beneficiaries by 100	
Way of monitoring	How	Photographs, cheques, donation receipts and other supportive documentation on reporting as provided	
	When	Annually	
	By who	Project Developer	



No		3	
Indicator		Quantitative employment and income generation	
Mitigation measure		Not Applicable	
Repeat for each parameter			
Chosen parameter		Number of employment opportunities created	
Current situation of parameter		11 people are employed for the project activity	
Estimation of baseline situation of parameter		Current situation is the baseline situation	
Future target for parameter		Ten additional job opportunities are to be created for the local population. Income generation to be enhanced by creating relatively high value job opportunities through training and capacity building	
Way of monitoring	How	Attendance Sheet, Employment records data maintained by Project Developer	
	When	Annual	
	By who	Project Developer	

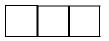
# Additional remarks monitoring

Not Applicable





### SECTION H. Additionality and conservativeness



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

#### [See Toolkit 2.3]

As per the guidance in Toolkit 2.3 one of the UNFCCC approved additionality tools "Guidance on demonstration of Additionality of small scale Project Activity" (version 09) has been used to demonstrate the additionality of the proposed project.

The proposed project activity is an auto additional project.

#### H.2. Conservativeness



## [See Toolkit 2.2]

The proposed project activity followed the baseline methodology which is approved by the UNFCCC and also conservative for the project type.

A conservative approach has been followed in calculating the baseline emission factor as detailed in the PDD. The current version is CEA Database version 10 and if we calculate emission reduction based on this version it will result in higher emission reduction in comparison to Emissions factor calculated based on the method provided in CEA Database Version 9 as described in registered CDM project PDD. Hence as an element of conservativeness this is calculated based on data provided in registered CDM PDD.

### ANNEX 1 ODA declaration

#### [See Toolkit Annex D]

It is to declare that the Project doesn't receives or benefits from ODA 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. The same has been declared in the format of Annex D