

**CDM SMALL-SCALE PROJECT ACTIVITIES BUNDLING FORM (F-CDM-SSC-BUN)**  
**Version 03.0**

<b>Title of the bundle</b>	Solar Power Project by EnKing International (EKIESL-CDM-May-16-03)
<b>Version number of the completed F-CDM-SSC-BUN</b>	02
<b>Completion date of the F-CDM-SSC-BUN</b>	21/12/2017
<b>Title of the project activities in the bundle</b>	Solar Power Project by EnKing International (EKIESL-CDM-May-16-03)
<b>Version number of the project design document(s) (PDD(s)) of the project activities</b>	03
<b>Completion date of the PDD(s)</b>	21/12/2017

**SECTION A. Description of bundle and subbundles****A.1. General description of project activities in bundle**

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The main purpose of this project activity is to generate clean form of electricity through renewable solar energy source. Triveni Sangam Holdings & Trading Co. Private Ltd, Ranjanaben P.Chovtia and Dartyens Power Pvt Ltd. are the investors of the proposed project activity. The project activity involves installation of 2.83 MW Solar PV power project.

The details of Project capacity and location details for all the bundle partners are as follows:

Project Investors' Name	Village	Tehsil	District	State
Triveni Sangam Holdings & Trading Co Pvt Ltd.	Mandrup	South Solapur	Solapur	Maharastra
Ranjanben P. Chovtia	Dhabla Sondhiya	Barod	Shahjapur	Madhya Pradesh
Dartyens Power Pvt Ltd	Marupaka	Nidamanoor	Nalgonda	Andhra Pradesh

The project will replace anthropogenic emissions of greenhouse gases (GHG's) estimated to be approximately 4,840 tCO<sub>2</sub>e per year, thereon displacing 4,952 MWh/year amount of electricity from the generation-mix of power plants connected to the INDIAN Electricity grid, which is mainly dominated by thermal/ fossil fuel based power plant.

The electricity generated from the project of Dartyens Power Pvt Ltd will be exported to the state grid of Andhra Pradesh which is part of the INDIAN grid of India and sold to Southern Power Distribution Company of Telangana Limited (SPDCTL) under a power purchase agreement which will be fixed for entire lifetime of the project activity. The electricity generated from the Project activity of Triveni Sangam Holdings and Trading Co. Pvt. Ltd and Ranjanaben P. Chovtia will be sold to Third Party under a formal Power Purchase Agreement which will be applicable for entire lifetime of the project activity. The electricity sold to third party is transmitted through INDIAN electricity grid.

The purpose of the project activity is to utilize renewable solar energy for generation of electricity. The power sector in India largely comprises of thermal power stations. In the absence of the project activity equivalent amount of electricity would have been generated from the existing grid connected power plants and planned capacity additions which are also largely fossil fuel based. The baseline scenario of the project activity is identified in line with the approved small scale methodology AMS I.D (Version 18). As per that, the baseline scenario is that the electricity delivered to the grid by the project activity would have otherwise been generated by the operation of grid-connected power plants and by the addition of new generation sources into the grid. Thus, the project activity contributes towards reduction in the demand-supply gap in the region and increase in the share of renewable energy in the grid mix.

The technical life of all the solar PV Power plants is 25 years<sup>1</sup>.

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<sup>1</sup> Letter from Technology Supplier

The details of the project activity and the state of installation are mentioned in the table:-

Project Promoters' Name	Capacity in MW	Connection with Grid	State	Use of Electricity
Triveni Sangam Holdings & Trading Co Pvt Ltd.	1.2 MW	INDIAN	Maharastra	Sale to Third Party
Ranjanben P. Chovtia	0.63 MW	INDIAN	Madhya Pradesh	Sale to Third Party
Dartyens Power Pvt ltd	1 MW	INDIAN	Andhra Pradesh	Sale to State Electricity Board

**Sectoral Scope: 01:** “Grid connected renewable electricity generation”, AMS I.D. (Version 18)

**Project Type:** (i): Renewable energy projects

**Project Category:** I.D. - Grid connected renewable electricity generation (Version 18, EB 81, Annex 24<sup>2</sup>)

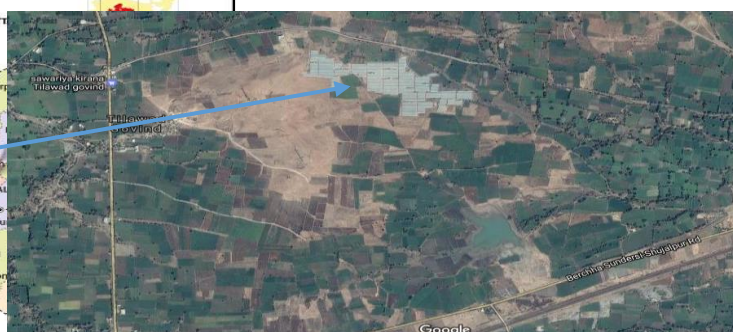
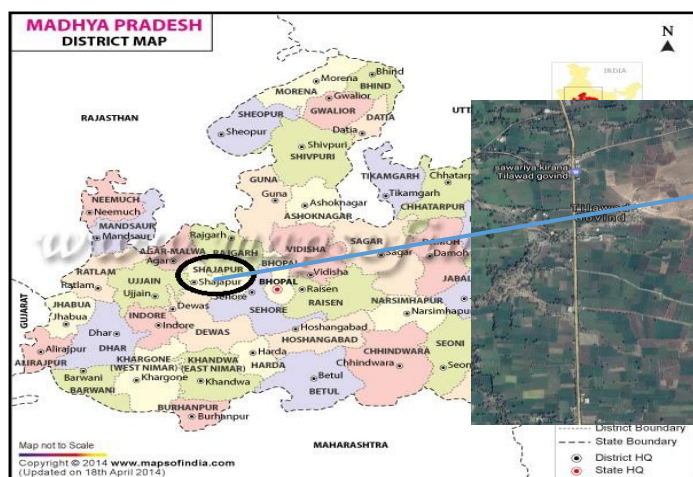
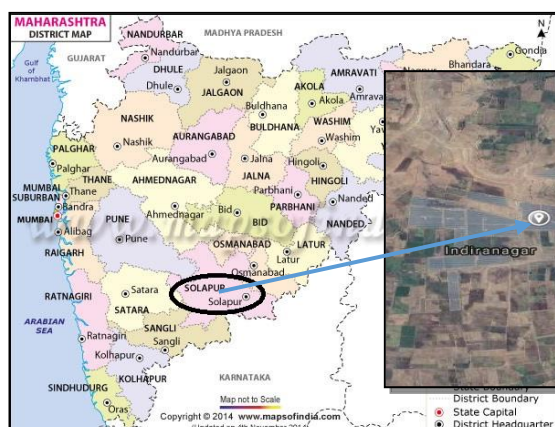
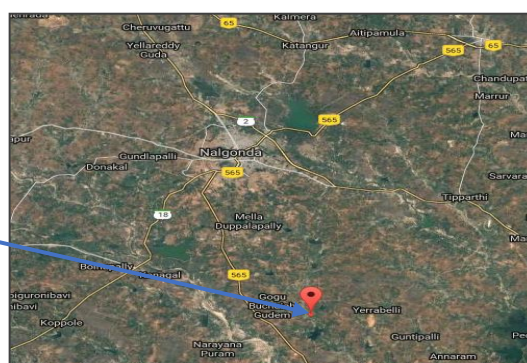
Project activity	Type (I, II or III)	Methodology(ies)	Technology(ies) / Measure(s)
Triveni Sangam Holdings & Trading Co Pvt Ltd.	Type-1	AMS-I.D “Grid connected renewable electricity generation” (EB 81, Version 18)	Solar Power Project
Ranjanben P. Chovtia			
Dartyens Power Pvt ltd			

## A.2. Location of project activities in bundle

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Project activity	Host Party(ies)	Region/State/ Province	City/Town/ Community	Physical/ Geographical location
Triveni Sangam Holdings & Trading Co Pvt Ltd.	India	Maharastra	Solapur	N 17°30'03.2" E 75°46'51.1"
Ranjanben P. Chovtia		Madhya Pradesh	Shahjapur	N 23° 50' 06" E 75° 54' 1.7"
Dartyens Power Pvt ltd		Andhra Pradesh	Nalgonda	N 16° 54' 22.7232" E 79° 18' 54.3780"

<sup>2</sup> <http://cdm.unfccc.int/methodologies/DB/W3TINZ7KKWCK7L8WTXFQOOFQOH4SBK>



### A.3. Parties and project participants

Party involved (host) indicates a host Party	Private and/or public entity(ies) project participants (as applicable)	Indicate if the Party involved wishes to be considered as project participant (Yes/No)
India (host)	ReXchange Global Solutions (P118) (Private Entity)	No

**SECTION B. Application of selected approved baseline and monitoring methodology****B.1. Summary of ex-ante estimates of emission reductions**

Year	Baseline emissions (tCO <sub>2</sub> e)	Project emissions (tCO <sub>2</sub> e)	Leakage (tCO <sub>2</sub> e)	Emission reductions (tCO <sub>2</sub> e)
Year 1	4,840	0	0	4,840
Year 2	4,840	0	0	4,840
Year 3	4,840	0	0	4,840
Year 4	4,840	0	0	4,840
Year 5	4,840	0	0	4,840
Year 6	4,840	0	0	4,840
Year 7	4,840	0	0	4,840
<b>Total</b>	33,880	0	0	33,880
<b>Total number of crediting years</b>	7			
<b>Annual average over the crediting period</b>	4,840	0	0	4,840

**B.2. Monitoring plan**

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Please refer B.7 of the PDD

**SECTION C. Duration and crediting period****C.1. Duration of bundle****C.1.1. Start date of bundle**

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Start date of the project activity is the earliest date of Purchase Order released on 15/07/2013. This is Work Order for project activity between Ranjanben and M/s M and B switchgears Ltd.

**C.1.2. Expected operational lifetime of project activities**

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25 Years 00 Months

**C.2. Crediting period of bundle****C.2.1. Type of crediting period**

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Renewable crediting period of 7 years 00 Months have been opted for the project activity. This is the first crediting period of the project activity.

**C.2.2. Start date of crediting period**

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31/07/2017 or Date of submission of complete request for registration by the DOE whichever is later.

**C.2.3. Length of crediting period**

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07 Years 00 Months



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**Appendix 1: Contact information of project participants in the bundle**

<b>Organization</b>	ReXchange Global Solutions (P118)
<b>Street/P.O. Box</b>	Office No 201, Plot No 48, Scheme 78, Part II, Vijay Nagar
<b>Building</b>	Enking Embassy
<b>City</b>	Indore
<b>State/Region</b>	Madhya Pradesh
<b>Postcode</b>	452010
<b>Country</b>	INDIA
<b>Telephone</b>	
<b>Fax</b>	
<b>E-mail</b>	
<b>Website</b>	
<b>Contact person</b>	Manish Dabkara
<b>Title</b>	Proprietor
<b>Salutation</b>	Mr.
<b>Last name</b>	Dabkara
<b>Middle name</b>	
<b>First name</b>	Manish
<b>Department</b>	
<b>Mobile</b>	+91-9907534900
<b>Direct fax</b>	
<b>Direct tel.</b>	
<b>Personal e-mail</b>	<a href="mailto:manish@enkingint.org">manish@enkingint.org</a>

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**History of the document**

<b>Version</b>	<b>Date</b>	<b>Nature of revision</b>
03.0	EB 66 13 March 2012	Revision required to ensure consistency with the “Guidelines for completing the CDM small-scale project activities bundling form” (EB 66, Annex 22).
02	EB 23, Annex 26 24 Feb 2006	EB 23, Para 74.
01		Initial adoption.
<b>Decision Class:</b> Regulatory <b>Document Type:</b> Form <b>Business Function:</b> Registration		