



**CLEAN DEVELOPMENT MECHANISM
FORM FOR SUBMISSION OF BUNDLED SMALL SCALE PROJECT ACTIVITIES
(SSC-CDM-BUNDLE)**

SECTION A. General description of the Bundle

A.1. Title of the Bundle:

8.75 MW Bundle Wind Power Project in Maharashtra.

A.2. Version and Date :

Version: 3

Date : 07/05/2007

A.3. Description of the Bundle and the subbundles :

The proposed project is a bundled project activity which involves the establishment of a Wind Power Project of 8.75 MW installed capacity enabling generation of electricity by state-of-art 1.25 MW Wind Electricity Generators (WEGs) (One of the latest available technologies in the country developed by M/s Suzlon Energy Limited, when the project was conceived) in the State of Maharashtra by M/s Shahi Exports Pvt. Ltd. (hereafter SEPL or project participant).

The bundled project activity consists of 2 bundles:

- Bundle I : At Dhule (3 x 1.25 MW).
- Bundle II : At Nandurbar (4 x 1.25 MW)

The electricity generation from this project will contribute to GHG reductions estimated at 170630 tCO₂e (tonnes of carbon dioxide equivalent) over period of 10 years, although the project life is envisaged as 20 years. It is proposed that the project activity needs to mitigate the risks involved in Renewable Energy Technology. The project activity will evacuate approximately 185.47 lakh kWh of renewable power annually (after deducting 2% internal loss) to the power deficit Western Region Grid.

	Type	Category	Technology /Measure
8.75 MW Bundled Wind Power Project in Maharashtra	I	I.D.	This category comprises renewable energy generation units, such as photovoltaics, hydro, tidal/wave, wind, geothermal, and renewable biomass, that supply electricity to and/or displace electricity from an electricity distribution system that is or would have been supplied by at least one fossil fuel fired generating unit.

A.4. Project participants:

Name of party involved (host) indicates a host Party)	Private and/or public entity (ies) project participants (as	Kindly indicate if the party involved wishes to be considered as
--	--	---



CDM-SSC-BUNDLE

	applicable)	project participant (Yes/No)
India.	Shahi Exports Pvt. Limited	No.

SECTION B. Technical description of the Bundle:**B.1. Location of the Bundle:****B.1.1. Host Party(ies):**

India.

B.1.2. Region/State/Province etc.:

Maharashtra.

B.1.3. City/Town/Community etc:

Bundle 1 : Dhule
 Bundle 2 : Nandurbar

B.1.4. Details of physical location, including information allowing the unique identification of this Bundle:

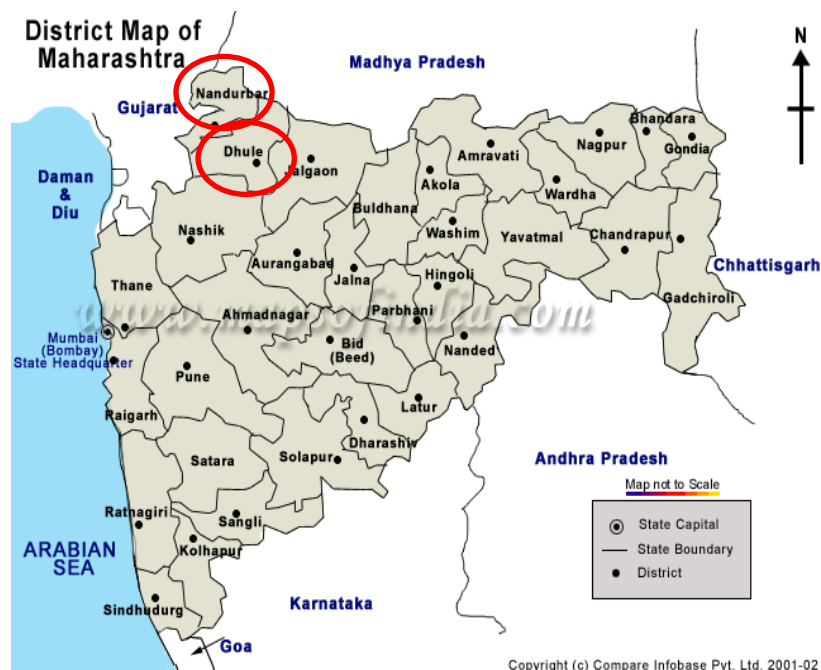
Site	Amkhel (3 x 1.25 MW)	Latitude	20.98 N
Taluka	Sakri		(DMS)-20°58'0 N
District	Dhule	Longitude	74.31 E
			(DMS)- 74°19'0 E
R.S. No. – 100, 119, 164		Altitude	1325(feet)
			403(meters)

Site	Gangapur (4 x 1.25 MW)	Latitude	20.03N
Taluka	Nandurbar		(DMS)- 20° 01' 60N
District	Nandurbar	Longitude	73.71E
			(DMS)- 73° 43' 0E
R.S. No. – 125, 8, 64, 8		Altitude	1896(feet)
			577(meters)

Fig. 1: Location Map of Bundles in Maharashtra

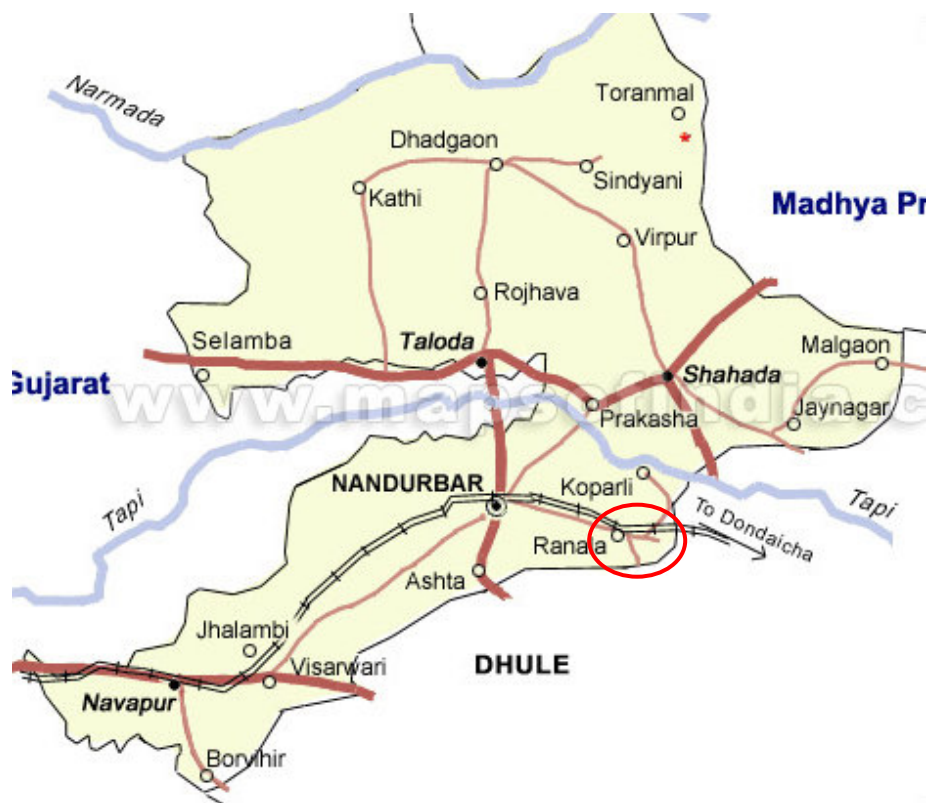


CDM-SSC-BUNDLE

Location Map of bundle 1



CDM-SSC-BUNDLE

Location Map of bundle 2

B.2. Type(s), category(ies) and technology/(ies)/Measure/(s) of the bundle:



CDM-SSC-BUNDLE

Bundle	Installed Capacity (MW)	Type	Category	Justification
1.	3.75 MW (3 x 1.25 MW)	I	I.D.	<p>The installed capacity of the bundle is 3.75 MW, which is less than the limiting capacity of 15 MW and is thus eligible to use small-scale simplified methodologies.</p> <p>Further, the project activity is generation of electricity for a grid system using wind potential.</p> <p>Hence, the type and category of the project activity matches with I.D. as specified in Appendix B of the indicative simplified baseline and monitoring methodologies for small-scale CDM project activities.</p>
2.	5 MW (4 x 1.25 MW)	I	I.D.	<p>The installed capacity of the bundle is 5 MW, which is less than the limiting capacity of 15 MW and is thus eligible to use small-scale simplified methodologies.</p> <p>Further, the project activity is generation of electricity for a grid system using wind potential.</p> <p>Hence, the type and category of the project activity matches with I.D. as specified in Appendix B of the indicative simplified baseline and monitoring methodologies for small-scale CDM project activities.</p>

The bundle will remain under the limits for small-scale project activities type every year over the crediting period, and a written confirmation for the same from SEPL is attached as Annex 2.

B.3 Estimated amount of emission reductions over the chosen crediting period:
Estimated amount of emission reductions bundle I

Years	Annual estimation of emission reductions in tonnes of CO ₂ e
2007-08	7236
2008-09	7236
2009-10	7236
2010-11	7236
2011-12	7236
2012-13	7236
2013-14	7236



CDM-SSC-BUNDLE

2014-15	7236
2015-16	7236
2016-17	7236
Total estimated reductions	72360
Total number of crediting years	10
Annual average over the crediting period of estimated reductions (t of CO₂ equiv.)	7236

Estimated amount of emission reductions for bundle II

Years	Annual estimation of emission reductions in tonnes of CO₂ e
2007-08	9827
2008-09	9827
2009-10	9827
2010-11	9827
2011-12	9827
2012-13	9827
2013-14	9827
2014-15	9827
2015-16	9827
2016-17	9827
Total estimated reductions	98270
Total number of crediting years	10
Annual average over the crediting period of estimated reductions (t of CO₂ equiv.)	9827

Estimated amount of emission reductions for project activity

Years	Annual estimation of emission reductions in tonnes of CO₂ e
2007-08	17063
2008-09	17063
2009-10	17063
2010-11	17063
2011-12	17063
2012-13	17063
2013-14	17063
2014-15	17063
2015-16	17063
2016-17	17063
Total estimated reductions	170630
Total number of crediting years	10
Annual average over the crediting period of estimated reductions (t of CO₂ equiv.)	17063



CDM-SSC-BUNDLE

SECTION C. Duration of the project activity / Crediting period:**C.1. Duration of the Bundle**

20 years

C.1.1. Starting date of the Bundle:

Bundle 1 : 27/10/2005
 Bundle 2 : 27/10/2005

C.2. Choice of crediting period and related information:

Fixed crediting period has been opted for.

C.2.1. Renewable crediting period:

Not opted for

C.2.1.1. Starting date of the first crediting period:

N/A

B.2.1.2. Length of the first crediting period:

N/A

C.2.2. Fixed crediting period:

Opted for.

C.2.2.1. Starting date:1st June 2007 or Date of registration whichever is later.**C.2.2.2. Length:**

10 years, 0 months.

SECTION D. Application of a monitoring methodology:

Bundle	Installed Capacity (MW)	Monitoring Methodology	Justification
--------	-------------------------	------------------------	---------------



CDM-SSC-BUNDLE

1.	3.75 (3 x 1.25 MW)	Title: AMS I D - “Grid connected renewable electricity generation” Reference: Latest amended version 10 (23 December 2006) of Appendix B to the simplified M&P for Small-scale CDM project activities.	The project is a renewable energy project generating electricity (Type ID) – the monitoring methodology and baseline are selected here as suggested in the document ‘Simplified Modalities and Procedures for Small-Scale CDM project activities’
2.	5 (4 x 1.25 MW)	Title: AMS I D - “Grid connected renewable electricity generation” Reference: Latest amended version 10 (23 December 2006) of Appendix B to the simplified M&P for Small-scale CDM project activities.	The project is a renewable energy project generating electricity (Type ID) – the monitoring methodology and baseline are selected here as suggested in the document ‘Simplified Modalities and Procedures for Small-Scale CDM project activities’



CDM-SSC-BUNDLE

Annex 1**CONTACT INFORMATION ON PARTICIPANTS IN THE PROJECT ACTIVITY**

Organization:	M/s Shahi Exports Pvt. Ltd.
Street/P.O.Box:	Industrial Plot No. -1, Sector-28
Building:	--
City:	Faridabad
State/Region:	Haryana
Postfix/ZIP:	121 008
Country:	India
Telephone:	+91 129 2273980, 504444
FAX:	+91 129 2273485, 2273491
E-Mail:	delhi@shahi.co.in
URL:	
Represented by:	
Title:	Dy. General Manager (F & A)
Salutation:	Mr.
Last Name:	Tripathi
Middle Name:	--
First Name:	Akhilesh
Department:	Management
Mobile:	+ 91 9910173010
Direct FAX:	--
Direct tel:	--
Personal E-Mail:	akhilesh.tripathi@shahi.co.in



Annex 2

Written confirmation on limits of bundle of the project from project participant is available.