

# SUZLON 8.40 MW WIND POWER PROJECT

*Documented By EKI Energy Services Limited*

<b>Project Title</b>	<i>Suzlon 8.40 MW Wind Power Project</i>
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## 1 PROJECT DETAILS

### 1.1 Summary Description of the Project

Kishangarh Hi-tech Textile Park Ltd. (KHTPL) has awarded a contract for 8.4 MW wind power project to world's third leading and India's largest wind turbines manufacturer, Suzlon Energy Limited (SEL). Kishangarh Hi-tech Textile Park Ltd.(KHTPL) will sign-up an Energy Wheeling Agreement (EWA) with Rajasthan Rajya Vidyut Prasaran Nigam Limited and the power generated will be wheeled for utilization at KHTPL's state-of-the-art hi-tech integrated textile park being developed at Kishangarh (Dist. Ajmer) in Rajasthan.

The project was registered at UNFCCC (Ref. No. 7804) on 19-October-2012 and the details of the same can be viewed on <https://cdm.unfccc.int/Projects/DB/LRQA%20Ltd1350651308.1/view>.

### 1.2 Sectoral Scope and Project Type

**Sectoral Scope** : 01 Energy Industries (renewable-'non renewable)  
**Project Type** : Type 1 Renewable Energy Projects  
**Project Category** : AMS I. D (Version 17, EB 61)  
**Tool** : Tool to calculate the Emission Factor for an Electricity System, Version 02.2.0, Annex 12, *EB 61*.

### 1.3 Project Proponent

Organization name	Kishangarh Hi-tech Textile Park Ltd
Contact person	Vijay Kumar Agrawal
Title	Director
Address	Agrawal Sadan, Bhat Mohalla, Madanganj, Kishangarh 305801 Rajasthan
Telephone	01463 242877
Email	<a href="mailto:khtpl2006@gmail.com">khtpl2006@gmail.com</a>

### 1.4 Other Entities Involved in the Project

Not Applicable .

### 1.5 Project Start Date

The project start date for this project is said to be 31/12/2010. This is the day on which all the four machines were commissioned, which includes in the monitoring period.

### 1.6 Project Crediting Period

The project was registered at UNFCCC (Ref. No. 7804) on 19-October-2012 and the details of the same can be viewed on <https://cdm.unfccc.int/Projects/DB/LRQA%20Ltd1350651308.1/view>.

Project activity has Renewable crediting period of 21 years for the CDM project. Start date of crediting period for VCS verification: 31/12/2010 (Date of commissioning of all WTG, included in monitoring period) End date of crediting period for VCS verification: 18/10/2012 (One day prior to the start date of crediting period of CDM project activity, which is again included in monitoring period)

### 1.7 Project Scale and Estimated GHG Emission Reductions or Removals

Project Scale	
Project	Project activity falls under this category as estimated GHG emission reduction are below 300,000 tones of CO <sub>2</sub> e per year as shown in below table.
Large project	Not applicable.

Year	Estimated GHG emission reductions or removals (tCO <sub>2</sub> e)
Year 1	13,081
Year 2	13,081
Year 3	13,081
Year 4	13,081
Year 5	13,081
Year 6	13,081
Year 7	13,081
<b>Total estimated ERs</b>	91,567
<b>Total number of crediting years</b>	7
<b>Average annual ERs</b>	13,081

## 1.8 Description of the Project Activity

Please refer section A.4.2 of the registered PDD for technical specification and Section B.5 for date of Commissioning. The PDD can be found at this link.

<https://cdm.unfccc.int/Projects/DB/LRQA%20Ltd1350651308.1/view>

## 1.9 Project Location

Details of the location of the project activity:

Project WTG Titled	UID	Latitude				Longitude			
Kishangarh Hi - tech Textile Park Ltd.	MK 5	N	27°	10'	46.9"	E	70°	38'	12.0"
	MK 6	N	27°	10'	40.3"	E	70°	38'	29.7"
	MK 7	N	27°	10'	33.7"	E	70°	38'	47.4"
	MK 8	N	27°	10'	18.2"	E	70°	39'	00.9"
<b>Total Capacity</b>	<b>8.4 MW</b>								

## 1.10 Conditions Prior to Project Initiation

This is a Greenfield project. The project activity replaces the carbon intensive grid electricity. Thereby reducing the dependence on fossil fuel based generation units and as there are no associated emissions with this project it contributes to the reduction of green house gases (GHG) emissions. Please refer section A.1 and B.4 of the registered PDD. The PDD can be found at this web link mentioned below:

<https://cdm.unfccc.int/Projects/DB/LRQA%20Ltd1350651308.1/view>

## 1.11 Compliance with Laws, Statutes and Other Regulatory Frameworks

The project activity is not mandated by any local or national laws. Please refer section B.5 of the UNFCCC registered CDM project with Ref No: 7804

## 1.12 Ownership and Other Programs

### 1.12.1 Right of Use

For the ownership details of the project any of the following may be referred to:

- Commissioning certificates
- Power purchase agreement

### 1.12.2 Emissions Trading Programs and Other Binding Limits

India is Non-annex country and there is no compliance with an emission trading program or to meet binding limits on GHG emissions for this project activity.

### 1.12.3 Other Forms of Environmental Credit

The project activity generates Carbon Credits under Clean Development Mechanism (Ref.No:7804) from 19/10/2012; However the VCUs that are claimed are from the date of commissioning till 18/10/2012. We hereby confirm that the project activity does not result in creation of another form of environmental credit during the period for which VCUs are claimed.

### 1.12.4 Participation under Other GHG Programs

This is registered CDM project. The reference no. for the project is 7804 and it was registered on 19/10/2012. Please refer to the registered PDD. The web link for the same is mentioned below: <https://cdm.unfccc.int/Projects/DB/LRQA%20Ltd1350651308.1/view>

### 1.12.5 Projects Rejected by Other GHG Programs

This project has not been rejected by any other GHG program. It is registered CDM project and the emission reductions are being claimed for the pre-registration period.

## 1.13 Additional Information Relevant to the Project

### Eligibility Criteria

This is not a grouped project hence the criteria is not applicable.

### Leakage Management

No leakage emissions are considered for this Project activity since no energy generating equipment is transferred from another activity and/or the existing equipment is transferred to another activity. Please refer section B.6.1. of the registered PDD. The PDD can be found at web link mentioned below:

<https://cdm.unfccc.int/Projects/DB/LRQA%20Ltd1350651308.1/view>

### Commercially Sensitive Information

There is no such information which is deemed as commercially sensitive.

### Further Information

Not applicable

## 2 APPLICATION OF METHODOLOGY

### 2.1 Title and Reference of Methodology

### 2.2 Applicability of Methodology

**2.3 Project Boundary****2.4 Baseline Scenario****2.5 Additionality****2.6 Methodology Deviations****3 QUANTIFICATION OF GHG EMISSION REDUCTIONS AND REMOVALS****3.1 Baseline Emissions****3.2 Project Emissions****3.3 Leakage****3.4 Net GHG Emission Reductions and Removals****4 MONITORING****4.1 Data and Parameters Available at Validation****4.2 Data and Parameters Monitored****4.3 Monitoring Plan****5 ENVIRONMENTAL IMPACT****6 STAKEHOLDER COMMENTS**

For all the above sections please refer UNFCCC Ref No: 7804.