

Grid connected electricity generation using natural gas by Lanco Kondapalli Power Private Limited.

Document Prepared By (Lanco Kondapalli Power Private Limited.)

Project Title	Grid connected electricity generation using natural gas by Lanco Kondapalli Power Private Limited.
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Table of Contents

SECTION NO.	NAME	PAGE NO
1	PROJECT DETAILS	3
2	APPLICATION OF METHODOLOGY	7
3	QUANTIFICATION OF GHG EMISSION REDUCTIONS AND REMOVALS	7
4	MONITORING	7
5	ENVIRONMENTAL IMPACT	9
6	STAKEHOLDER COMMENTS	9

1 PROJECT DETAILS

1.1 Summary Description of the Project

Please refer UNFCCC registered CDM project with Ref No: 5554.

1.2 Sectoral Scope and Project Type

The project activity falls under the following guidelines set in the Clean Development Mechanism under the Kyoto Protocol:

Sectoral Scope: 1 Energy industries (renewable - / non-renewable sources)

Project Type : Grid connected natural gas based combined cycle power plant

1.3 Project Proponent

Organization name	Lanco Kondapalli Power Private Limited.
Contact person	Panduranga Rao
Title	Director & CEO
Address	Lanco House, Plot No. 4, Software Units Layout, HITEC City, Madhapur, Hyderabad, Andhra Pradesh, PIN-500 081 India.
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Email	lkpl@lancogroup.com

1.4 Other Entities Involved in the Project

No other entities are involved in the Project.

1.5 Project Start Date

Project start date is 01st August 2010 (Date on which project activity achieved COD (Commercial Operation Date).

1.6 Project Crediting Period

Crediting Period Start Date : 01/08/2010
 End Date : 31/07/2020
 VCS project crediting period : 10 years of crediting period, which will be renewed once.

1.7 Project Scale and Estimated GHG Emission Reductions or Removals

Project Scale	
Project	-
Large project	Yes

Year	Estimated GHG emission reductions or removals (tCO ₂ e)
Year A	830133
Year B	830133
Year C	830133
Year D	830133
Year E	830133
Year F	830133
Year G	830133
Year H	830133
Year I	830133
Year J	830133
Total estimated ERs	8301330
Total number of crediting years	10
Average annual ERs	830133

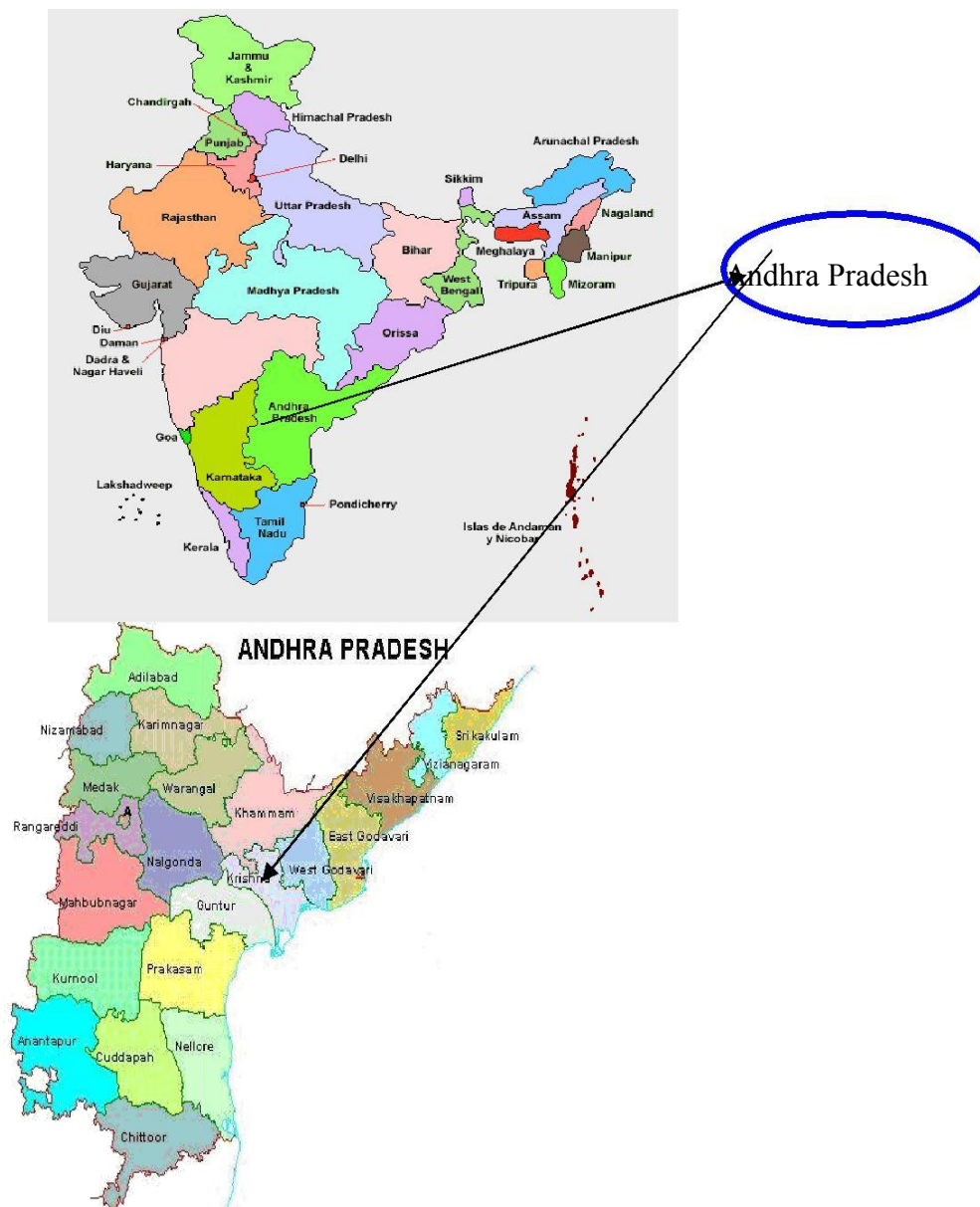
1.8 Description of the Project Activity

Please refer UNFCCC registered CDM project with Ref No: 5554.

1.9 Project Location

The proposed project activity is located at Kondapalli Industrial Development Area in Andhra Pradesh. The project activity is located in a plot of area 132 acres. Kondapalli railway station is

approximately 1km from the site and the nearest Airport is at Gannavaram at about 35 kms from the plant. The proposed project site is at a latitude of 16 38'30.10" N and at a longitude of 80 33'05.33" E.



1.10 Conditions Prior to Project Initiation

The project is a green field project and there was no activity prior to the project initiation.

1.11 Compliance with Laws, Statutes and Other Regulatory Frameworks

Please refer UNFCCC registered CDM project with Ref No: 5554.

1.12 Ownership and Other Programs

1.12.1 Right of Use

The project activity is registered as a CDM project activity under UNFCCC (Reference Number 5554) and the same title has been used for the VCS program. Host Country Approval (HCA) for this project activity also gives the same title.

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 is registered under Clean Development Mechanism (CDM Regd No: 5554) with UNFCCC on 05th Sep 2012 and is accessible in the following link <http://cdm.unfccc.int/Projects/DB/RWTUV1323884893.28/view>. The project does not result in creation of any other form of GHG related environmental credit during the period for which VCUs are claimed.

1.12.4 Participation under Other GHG Programs

The project is registered under Clean Development Mechanism (CDM Regd No: 5554) with UNFCCC on 05th Sep 2012 and is accessible in the following link <http://cdm.unfccc.int/Projects/DB/RWTUV1323884893.28/view>.

1.12.5 Projects Rejected by Other GHG Programs

The project has not been rejected under any other GHG programs.

1.13 Additional Information Relevant to the Project

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

Year	Estimated baseline emissions or removals (tCO ₂ e)	Estimated project emissions or removals (tCO ₂ e)	Estimated leakage emissions (tCO ₂ e)	Estimated net GHG emission reductions or removals (tCO ₂ e)
Year A				
Year B				
Year C				
Year...				
Total				

4 MONITORING

4.1 Data and Parameters Available at Validation

Data / Parameter	
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Data unit	
Description	
Source of data	
Value applied:	
Justification of choice of data or description of measurement methods and procedures applied	
Purpose of Data	
Comments	

4.2 Data and Parameters Monitored

Data / Parameter	
Data unit	
Description	
Source of data	
Description of measurement methods and procedures to be applied	
Frequency of monitoring/recording	
Value applied:	
Monitoring equipment	
QA/QC procedures to be applied	
Purpose of data	
Calculation method	
Comments	

4.3 Monitoring Plan

5 ENVIRONMENTAL IMPACT

6 STAKEHOLDER COMMENTS