



CERTIFICATION AND FINANCING PROPOSAL

ROCKSPRINGS WIND FARM IN VAL VERDE COUNTY, TEXAS

Submitted: January 24, 2017

CERTIFICATION AND FINANCING PROPOSAL

ROCKSPRINGS WIND FARM IN VAL VERDE COUNTY, TEXAS

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1.	ELIGIBILITY		
2.	. CERTIFICATION CRITERIA		
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EXECUTIVE SUMMARY

ROCKSPRINGS WIND FARM IN VAL VERDE COUNTY, TEXAS

Project:

Project Objective:

Expected Project Outcomes:

Sponsor:

Borrower:

NADB Loan:

CERTIFICATION AND FINANCING PROPOSAL

ROCKSPRINGS WIND FARM IN VAL VERDE COUNTY, TEXAS

1. ELIGIBILITY

Project Type

Project Location

Project Sponsor and Legal Authority

2. CERTIFICATION CRITERIA

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- 2.1 TECHNICAL CRITERIA
- 2.1.1. Project Description

Geographic Location

Figure 1 PROJECT MAP



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General Community Profile

Local Energy Profile

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MEXICO STREET. Brownsville donterray ela Grey Base National Geographic, Esri, DeLorme, NAVTEO, UNEP-WCMC, USGS, a .at -192,5164 Hydroelectric Power Plant O Pumped Storage Power Plant Mask 0 Surface Coal Mine Natural Gas Power Plant Solar Power Plant 0 . ٠ Underground Coal Mine Nuclear Power Plant 0 Wind Power Plant × 0 Bomass Power Plant Other Power Plant O Wood Power Plant 6 . Coal Power Plant 🍈 Other Fossil Gases Power Plant 🔲 Petroleum Refinery 0 0 Geothermal Power Plant 0 Petroleum Power Plant Strategic Petroleum Reserve

Figure 2 POWER PLANTS AND ENERGY SOURCES

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Total electric industry112,914100.0%	

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Figure 3 ERCOT NODAL MAP

Project Scope and Design

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Figure 4 PROJECT LAYOUT



Table 2 PROJECT MILESTONES

Key Milestones	Status
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2.1.2. Technical Feasibility

Selected Technology

- Wind Turbines
- <u>Electrical Substation and Transmission Line</u>
- <u>Monitoring and Control System</u>

• <u>Roads</u>

• **Operation and Maintenance Facilities**

Wind Resource Assessment



Figure 5 WIND RESOURCE IN THE PROJECT AREA

2.1.3 Land Acquisition and Right-of-way Requirements



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2.1.4. Management and Operations

2.2. ENVIRONMENTAL CRITERIA

2.2.1. Compliance with Applicable Environmental Laws and Regulations

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Applicable laws and regulations

- <u>Clean Water Act</u>
- Endangered Species Act (ESA),
- Bald and Golden Eagle Protection Act 16
 Haliaeetus leucocephalus
 chrysaetos

Aquila

- Migratory Bird Treaty Act
- National Historic Preservation Act of 1966 (NHPA)

Environmental Studies and Compliance Activities

• Environmental Site Assessment Phase I (Phase 1 ESA)

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• <u>Storm Water Pollution Prevention Plan (SWPPP)</u>

Pending Environmental Tasks and Authorizations

Compliance Documentation

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- •
- |

2.2.2. Environmental Effects / Impacts

Existing Conditions and Project Impact – Environment

Mitigation of Risks

- Storm Water Pollution Prevention Plan
- Bird and Bat Conservation Strategy (BBCS)
- Spill Prevention, Control, and Countermeasure Plan

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• <u>Disturbance Avoidance Plan</u>

Natural Resource Conservation

No Action Alternative

Existing Conditions and Project Impact – Health

Transboundary Effects

Other Local Benefits

2.3. FINANCIAL CRITERIA

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3. PUBLIC ACCESS TO INFORMATION

3.1. PUBLIC CONSULTATION

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3.2. OUTREACH ACTIVITIES

pennwellhub, renews bizjournals

- pennwellhub EWG notice filed on 149-MW Rocksprings Val Verde wind project in Texas

 renews Walmart taps Akuo wind in Texas
- <u>bizjournals</u> I Akuo Energy moves forward with construction of wind farm near Del Rio