Philippines: 150-Megawatt Burgos Wind Farm Project

**Project Name**
150-Megawatt Burgos Wind Farm Project

**Project Number**
48325-001

**Borrower/Company**
EDC Burgos Wind Power Corporation (EBWPC)

**Country**
Philippines

**Location**

**Approval Number**
7442/3246

**Type of ADB Assistance / Amount**

<table>
<thead>
<tr>
<th>Amount</th>
<th>Type of ADB Assistance</th>
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<tbody>
<tr>
<td>3246 USD 20.00 million</td>
<td>Ordinary capital resources</td>
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**Strategic Agendas**
- Environmentally sustainable growth
- Inclusive economic growth
- Regional integration

**Drivers of Change**
- Partnerships
- Private sector development

**Sector / Subsector**
- Energy - Renewable energy generation - wind

**Gender Equity and Mainstreaming**
No gender elements

**Responsible ADB Department**
Private Sector Operations Department

**Responsible ADB Division**
Portfolio Management Division, PSOD

**Responsible ADB Officer**
Mokroussov, Sergey

**Project Sponsor(s)**
Energy Development Corporation

**Description**
The Project involves the construction and operation of a 150 MW wind farm project in the province of Ilocos Norte, in the municipality of Burgos. The wind farm will cover an area of approximately 686 hectares across 3 barangays (Saoit, Poblacion and Nagsurot). The Project is developed under the Renewable Energy (RE) Law and therefore entitled to priority connection to the transmission and distribution system, priority purchase and transmission of, and payment for, electricity sold through the Luzon grid. It may be eligible for a fixed tariff under the governments Feed-in-Tariff (FIT) system. The Project will be built in 2 phases. The components of Phase 1 are (i) the installation of 29 wind turbine generators (WTGs) from Vestas with a generation capacity of 87 MW, (ii) the construction of a wind farm substation; and (iii) the construction of an approximately 42 km long transmission line while Phase 2 consist of the installation of an additional 21 WTGs from Vestas with a generation capacity of 63 MW. Construction for both phases have been completed.

**Objectives and Scope**

**Status of Operation/Construction**
Operational

**Linkage to Country/Regional Strategy**

**Safeguard Categories**
- Environment: B
- Involuntary Resettlement: B
- Indigenous Peoples: C

**Summary of Environmental and Social Aspects**

**Environmental Aspects**
Potential environmental impacts are generally site-specific, reversible, and mostly occur during the construction phase where mitigation measures can be readily designed and implemented. An initial environmental examination (IEE) with an environmental management plan (EMP) was developed to avoid, minimize and mitigate adverse impacts. The site is not considered to be a migratory route for avifauna and is not critical habitat. Temporary construction activities included soil excavation and vegetation clearance; the use of vehicles and heavy machinery; and the consumption of fuel, oil and water resources. During operation, the company is continuing to monitor water quality, noise, shadow flicker, and bird and bat strike, and has planted over 1 million trees.

**Involuntary Resettlement**
All lands acquired for the project are made available to the landowners for continued use except for the footprints of the wind turbine generators (WTGs) and the transmission towers. EBWPC’s rights to use the land for the WTGs and transmission lines were acquired from the owners through 25-year lease contract and contract of easement of right of way, respectively. A Livelihood Restoration Plan is being implemented to address impacts to 10 vulnerable families affected by the project.

**Indigenous Peoples**
A Certificate of Non-Overlap was secured from the National Commission on Indigenous Peoples confirming that the project will have no impact on Indigenous Peoples. This was confirmed during due diligence and review mission.

**Stakeholder Communication, Participation, and Consultation**
Stakeholder consultations activities were conducted prior to the construction of the project to ensure community acceptance. Engagement with stakeholders is continuing during project operation as part of the EBPWC information, education and communication campaign, in partnership with local host government units. EBWPC is providing assistance to the Burgos Agri-based Association, a local association of livestock raisers who are dependent on the communal grazing area located within the project development block. Engagement with the association is continuously being done. Corporate Social Responsibility programs and projects are being implemented in partnership with the three direct impact barangays/villages as well as with the provincial government.

**Timetable for assistance design, processing and implementation**

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<tr>
<th>Event</th>
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<tbody>
<tr>
<td>Concept Clearance</td>
<td>28 Aug 2014</td>
</tr>
<tr>
<td><strong>Due Diligence</strong></td>
<td></td>
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<td>-------------------</td>
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<td>Credit Committee Meeting</td>
<td>06 Oct 2014 to 06 Oct 2014</td>
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<tr>
<td>Approval</td>
<td>26 Jan 2015</td>
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<td>Last PDS Update</td>
<td>16 Apr 2019</td>
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