NADBank: A Green Bank for the U.S.-Mexico border since 1994

Calixto Mateos Hanel
Managing Director
Summary

- NADBank has financed renewable energy projects on both sides of the border
  - Energia Sierra Juarez
  - EnerSmart
- NADBank is positioned to further supporting growth in the sector
  - Actively working with private and public sponsors
- Nearshoring will become an additional source of energy demand; the region needs to be prepared in generation and transmission
NADBank Financing in Clean Energy Sector

Since 2012

No. of projects and NADB financing contracted in renewable energy

40 projects
17 in Mexico
23 in the US

$1.763 B in loans
$803 M in Mexico
$960 M in the US

No. of projects by type of source

14 Wind power
20 Solar energy
2 Energy storage
2 Biogas
11 Biodiesel

Total infrastructure investment in the clean energy sector of these 40 projects is over US$6.2 billion (successful mobilization of private capital).
## Energía Sierra Juárez 1 Wind Project

**Tecate, Baja California & San Diego, California**

<table>
<thead>
<tr>
<th><strong>Sponsor:</strong></th>
<th>Infraestructura Energética Nova, S.A.B. de C.V.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Off-taker:</strong></td>
<td>San Diego Gas &amp; Electric (SDG&amp;E)</td>
</tr>
<tr>
<td><strong>NADBank Loan:</strong></td>
<td>US$39.15 million</td>
</tr>
</tbody>
</table>

### Purpose:
Design construction and operation of a **155.1 MW** wind farm in Tecate, B.C. and construction of a 4.8-mile transboundary double-circuit transmission line to deliver electricity to San Diego County, CA

### Expected Results:
- ✓ Reduce the use of ramp-up fossil-fuel power generating plants, which translates in a reduction of **approximately 31,100 metric tons/year of CO2**.
- ✓ Assist in integrating electricity generated by intermittent renewable energy sources.
- ✓ Generate electricity equivalent to the annual consumption of **70,832 households**.
# EnerSmart Battery Storage Portfolio

## San Diego County, California

<table>
<thead>
<tr>
<th>Sponsor:</th>
<th>EnerSmart Storage Operating LLC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Off-taker:</td>
<td>California Grid</td>
</tr>
<tr>
<td>NADBank Loan:</td>
<td>$39.1 million (half of total project cost)</td>
</tr>
</tbody>
</table>

### Purpose:

The Project consists of the design, construction, and operation of a portfolio of nine sites with utility scale energy storage projects with a combined capacity of 165 megawatts in alternating current (MWAC).

### Expected Results:

- ✓ Will reduce the use of ramp-up fossil-fuel power generating plants, which translates in a reduction of approximately $31,100$ metric tons/year of CO2.
- ✓ Capable of storing up to $330$ MWh of electricity, the equivalent of supplying $110,000$ customers for up to two hours.
- ✓ Will support a more efficient and reliable power grid by minimizing power disruptions and reducing energy losses.