



Who are Natural Forces?

- Private Independent Power Producer based in Halifax, Nova Scotia;
- Active in the Maritimes renewable energy sector since 2001;
- Wind, hydro, and solar projects in development in BC, Saskatchewan, New Brunswick, and NFLD; and
- Partnerships with First Nations, large corporations, universities, and CEDCs/CEDIFs.
- Operating Assets (by Project):

•	Kent Hills (NB):	150 MW
•	Fairmont (NS):	4.6 MW
•	Gaetz Brook (NS):	2.3 MW
•	Hillside-Boularderie (NS):	4.0 MW
•	Auld's Mountain (NS):	4.6 MW
•	Barrachois (NS)	4.0 MW
•	Gardiner Mines (NS):	5.4 MW
•	Amherst (NS)	6.0 MW
•	Auld's Mountain II (NS)	1.6 MW

- Development Assets (by Province):
 - British Columbia
 - Saskatchewan
 - New Brunswick





Project Partnerships: Key to Success

- Understanding each partner's objectives (not just economic ones)
- Nurturing the relationship for the long term success
- Common understanding of risk & reward and the appetite for each party involved
- Common understanding of financial commitments from each party
- A true commitment to delivering promised obligations
- Honesty & Respect





Nova Scotia Example (CORP + CEDC)

In 2015 Natural Forces (private corporation) partnered with Wind4All Communities IV (CEDIF corporation) on the Barrachois Community Wind Farm located on Cape Breton Island.

Key Metrics:

Development phase: Q3 2011 – Q3 2014

Financing & pre-construction phase: Q3 2014 – Q2 2015 CEDIF

Construction phase:
 Q2 2015 – Q3 2015

• Energisation: Q3 2015

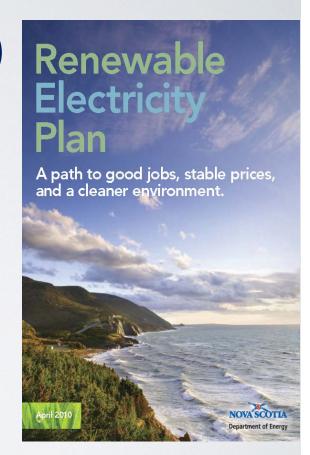
PPA price and length: \$131/MWh, 20 year term

Technology & Installed Capacity: 2 x Enercon E-92 (4 MW)

• CAPEX: ~\$14m

Equity ownership:

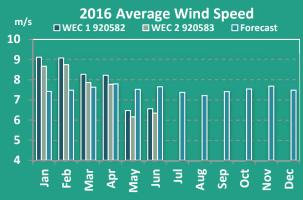
➤ Wind4All Communities IV: 46%
 ➤ Natural Forces: 54%
 Annual revenue: \$1.9m



Wind44|| BARRACHOIS WIND FARM

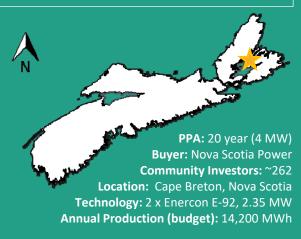
Investor Update Q2 2016: Wind4All Communities IV

ON-SITE WIND RESOURCE

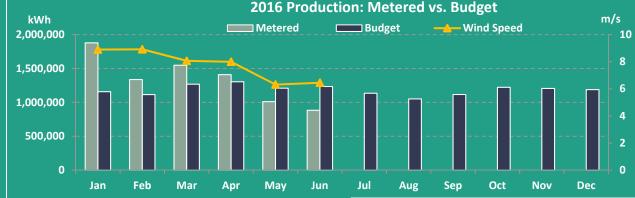


2016 YTD (Actual): 7.7 m/s
2016 YTD (Budget): 7.2 m/s
Variance (above budget): +7.

WIND FARM BIO



WIND FARM PRODUCTION STATS



2016 YTD (metered): 8,069 MWh
 2016 YTD (budget): 7,287 MWh
 Variance (above budget): +11%

2015 Metered (partial year): 5,086 MWh
 2015 Budget (partial year): 4,733 MWh
 Variance (above budget): +7.5%

2016 CARBON DISPLACEMENT

• Metered Production: 8,069 MWh

• CO₂ Displaced (total): ~6,251 tonnes

• CO₂ Displaced (per investor): ~24 tonnes

• Equivalent to taking 1,053 cars off the roads



X 1,053

Equivalency Factor: 7.03×10⁻⁴ metric tons CO₂ / kWh Source: http://tinyurl.com/znx8j6j

CEDIF FINANCIAL RETURNS

\$210,042

Total Aggregated
Dividends Paid

3,000,600
Outstanding
Common Shares

\$210,042

Most Recent Dividend Paid (June 2016)

20 Year IRR

DATE	EVENT	CASH
2015	Initial Share Purchase	-\$1.00
2015	Equity Tax Credit	\$0.35
2016	1 x Dividends Paid	\$0.07
TOTAL	\$0.42	



New Brunswick Policy

- 2011 New Brunswick Energy Blueprint: 40% renewable by 2020;
- Final "LORESS" regulations approved in November 2015;
- LORESS made up of 3 Components, focused on First Nation and local entity participation:
 - Component #1 (Aboriginal Businesses): 40 MW
 Closed for NB Power Review
 - Component #2 (Local Businesses): 40 MW EOI's due April 2017
 - ➤ Component #3 (Embedded Generation): ~20MW Closed likely to be renewed 2018



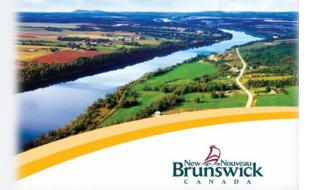




New Brunswick Policy (Cont.)

- The LORESS programs allows (1) universities, (2) non-profit organizations, (3) associations, (4) co-operatives, (5) First Nations and (6) municipalities to participate.
- NB Power community information sessions this week, as follows:
 - Grand Falls, Tuesday, March 28, 6 p.m., Centre E.P. Sénéchal, 60 Ouellette St.
 - Bathurst, Wednesday, March 29, 1 p.m., KC Irving Regional Centre, 14 Sean Couturier Av.
 - Miramichi, Wednesday, March 29, 6 p.m., Rodd's Miramichi River Inn, 1809 Water St.
 - Fredericton, Thursday, March 30, 10 a.m., Fredericton Convention Centre, 670 Queen St.
 - Moncton, Thursday, March 30, 6 p.m., Rodd Moncton Hotel & Resort, 434 Main St

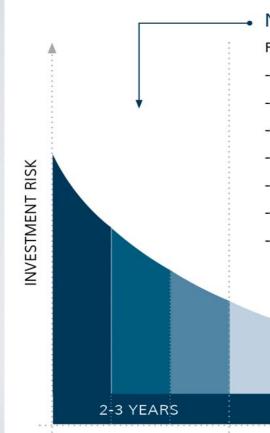








What is Risk?



Natural Forces Risk RISKS WOULD INCLUDE:

- Environmental
- COMFIT approval
- Grid connection
- Wind evaluation
- Construction risk
- Interest rate risk
- Equity gap risk

Investment Opportunity

RISKS WOULD INCLUDE:

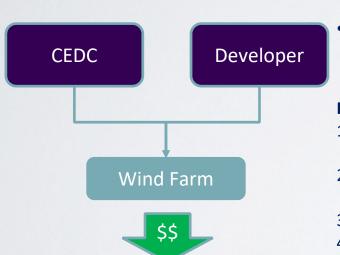
- No liquid market: Cash flows project 100% of principal returned to investors after 7 years*
- Wind Risk: Independent 3rd party wind analysis completed
- Operation cost overrun: 25 year cost profile included within financial modeling
- Turbine mechanical failure: 15 year warranty and maintenance contract expected with the turbine manufacturer

7 YEARS

25 YEARS



Passive Ownership Model (individual investment in CEDC)



- Developer develops, finances, and constructs wind farm at its own risk.
- NB CEDC invests in the wind farm only after development risk is removed – no active involvement in wind energy development (silent partner).

Pros:

- No prior wind energy experience needed;
- 2. Investment may start as low as \$500;
- 3. Low investment risk; and
- 4. Investment avails NB tax credits 4.

Cons:

- Limited involvement / influence in the wind farm development;
- Difficult to find a good CEDC to invest in (reliance on developer);
- . Lower financial returns; and
- No secondary market for to sell shares into – long term investment.





Active Ownership Model (local entity partnership)

- 1. 'Local Entity' enters into JV with developer to co-develop wind farm from inception. Partners work together to:
 - Navigate LORESS policy regulation.
 - Take on development risk (land, EA, WRA, PPA etc.).
 - Provide the necessary equity needed.
- If successful, partnership finances, constructs and operates wind farm.
- Economic ownership is commensurate with financial desires / abilities.

Pros:

- Involvement / influence in wind farm development early on; and
- 2. If successful, project partners should yielder higher investment returns than the passive investment (risk & reward).

Cons:

- 1. High risk venture;
- Difficult to find experienced development partner; and
- High capital outlay (\$1m equity need for a single 4.2MW turbine)

