

Halifax, March 21, 2014

Blue Sky Electricity: who we are

- The Blue Sky Electricity Cooperative is a business that will generate and sell electricity.
- We intend to create a series of small wind NS Community Feed-in Tariff projects across Nova Scotia.
- We will seek to sell the electricity to NS Power under a Power Purchase Agreement as set out by the NS COMFIT.
- The Power Purchase Agreement has a duration of 20 years, and have a set purchase price of \$0.499 kWh.

Small wind projects

- We worked extensively with the Cooperative Council of Nova Scotia and the Inspector of Cooperatives to create a structure that complies with their regulations.
- The result is a structure where a portion of the equity is available to community members.
- The first cooperative has been incorporated in November, Blue Sky II and Blue Sky III are in the process of being enacted.



Blue Sky Electricity: who we are

- Each wind project location will be owned by a separate local cooperative.
- The core members of each cooperative will be:
 - Crannog Developments Ltd
 - Aeolus Nova Scotia Ltd
 - 25 local community members



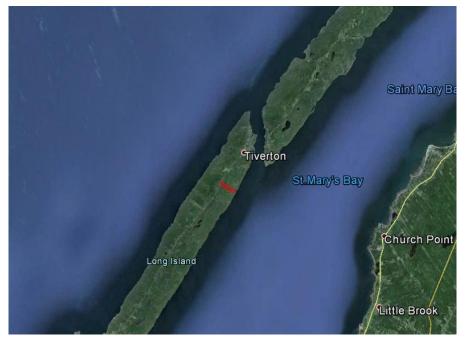
Advanced-stage projects



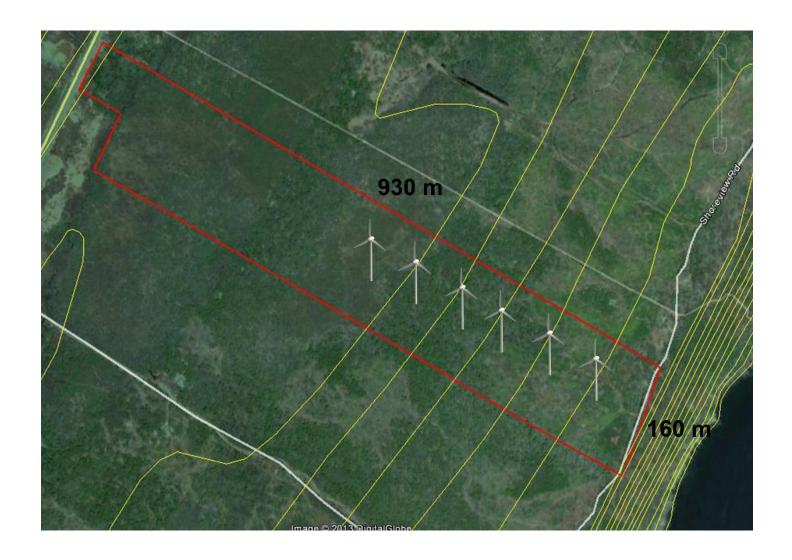
- 3 sites have been in development since June 2013.
- Each site's 6 COMFIT applications are ready to be submitted.
- The required equity is available.

Site name:	Central Grove
City:	Tiverton
County:	Digby
Mean wind speed:	7,3 m/s
Dominant wind:	NW/S



















Tiverton – Wind Resource Assessment

Mean annual Wind Speed: 7.28 m/s (16.28 mph)

Power Density: 437 W/m²

Weibull A: 8.19 m/s (18.31 mph)

Weibull k: 2.27

50 Year Max Gust: 49.95 m/s (111.73 mph)

Uncertainty Estimate: +/- 0.35 m/s (0.78 mph)

Interannual Variation: 0.2



Tiverton – Net Energy Production

	Endurance
	E-3120 (3P)
Rated Capacity	50 kW
Hub Height	42m
Gross Energy Production	231.99 MWh
Loss Estimation Range	15% - 30%
Net Energy Production	162.39 MWh - 197.19 MWh



Tiverton – Wind Rose

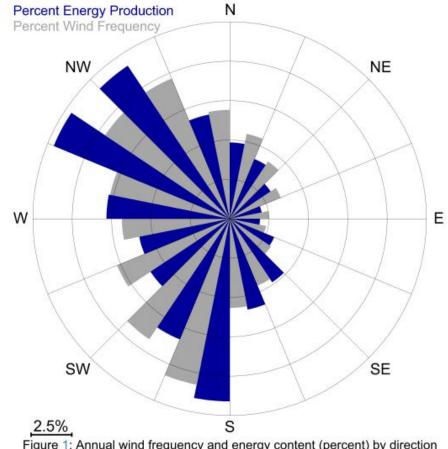


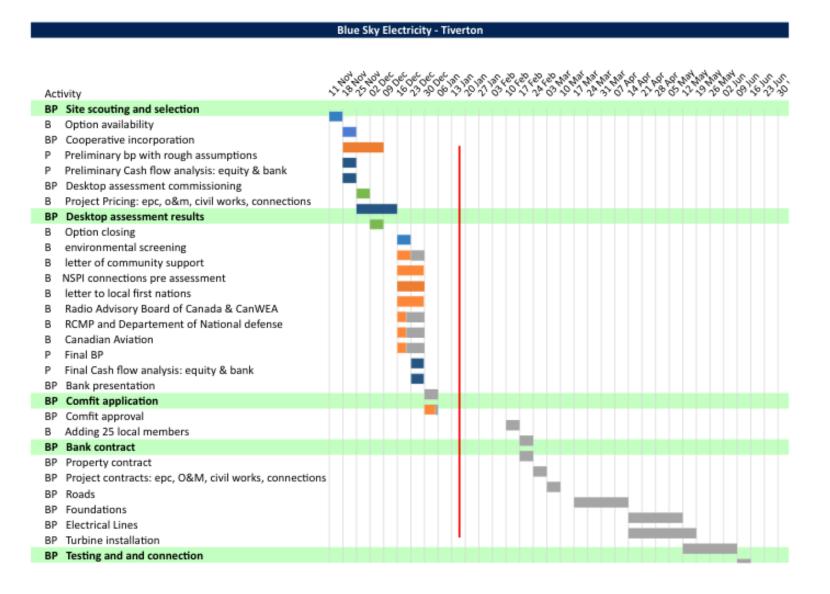
Figure 1: Annual wind frequency and energy content (percent) by direction sector at 42m height.

Table 1: Annual wind frequency and energy content (percent) by direction sector at 42m height.

Sector	Freq	Pct Energy
N	5.5	4.8
NNE	4.4	4.1
NE	3.5	3.1
ENE	2.5	2.1
E	2.4	1.9
ESE	3.2	3.1
SE	4.6	4.9
SSE	5.7	5.9
S	10.8	11.6
SSW	9.2	8.3
sw	7.8	6.1
WSW	6.9	5.9
W	7.7	7.8
WNW	9.5	12.1
NW	9.6	11.7
NNW	6.9	6.7



Tiverton – Schedule





Tiverton – Business Plan

		Blue Sky Electricity - Tiver	ton						
Technical assumptions		Annual Revenues		Annual Opex kC	\$				
Wind turbine generator (WTG)	E-3120	Net Energy Yield (MWh/y) 1056,		O&M	27,0				
Hub Height (m)	42	Average electricity price (kC\$/MWh)	0	Insurance	9,0				
Number of WTGs	6	Incentive (C\$/MWh)	499	Property taxes	1,5				
Total Capacity (MW)	0,3	Total annual revenues (kC\$)	527	Local Management	20,0				
Capacity Factor	40,18%			Remote Management 10,0					
				Local Accounting	10,0				
				Site maintenance	1,5				
				Miscellaneous	4,5				
				Total annual opex (kC\$/y)	83,5				
Capex kC\$		Debt Terms		Tax rates					
Soft costs	10	D/(D+E) (%)	75%	Federal Income Tax	11%				
Turbines	1650	Equity (kC\$)	875	Small Business Tax	3%				
Installation & Commissioning	500	5 1 . (1 64)							
	300	Debt (kC\$)	2625	Available CCA - First year (kC\$)	875				
Towers	442	Reference rate (%)	2625 6,0%	Available CCA - First year (kC\$) Inflation Rate	875 2%				
Towers Foundations installation									
	442	Reference rate (%)	6,0%						
Foundations installation	442 372	Reference rate (%) Life of financing (y)	6,0% 15						
Foundations installation Site preparation & Civil Works	442 372 139	Reference rate (%) Life of financing (y)	6,0% 15	Inflation Rate					
Foundations installation Site preparation & Civil Works Transformers and connections	442 372 139 114	Reference rate (%) Life of financing (y)	6,0% 15	Inflation Rate Return Metrics	2%				
Foundations installation Site preparation & Civil Works Transformers and connections Property	442 372 139 114 60	Reference rate (%) Life of financing (y)	6,0% 15	Return Metrics Pre-taxIRR (%)	19,61%				
Foundations installation Site preparation & Civil Works Transformers and connections Property Local Development	442 372 139 114 60 100	Reference rate (%) Life of financing (y)	6,0% 15	Return Metrics Pre-taxIRR (%) After-TaxIRR (%)	19,61% 18,78%				



Tiverton – Business Plan

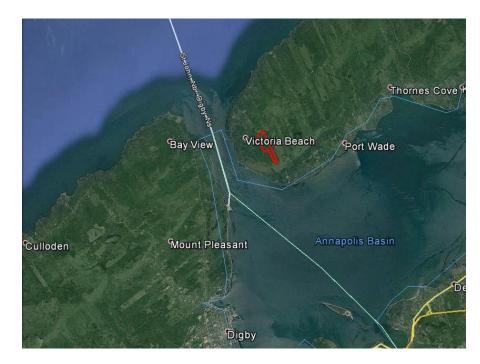
							ı	Blue Sky I	Electricity	- Tivertor	1										
	Y0	<i>Y1</i>	Y2	<i>Y3</i>	Y 4	Y 5	Y 6	Y 7	Y 8	Y 9	Y 10	Y11	Y 12	Y 13	Y 14	Y 15	Y 16	Y17	Y 18	Y 19	Y 20
Total annual revenues (kC\$)		527	527	527	527	527	527	527	527	527	527	527	527	527	527	527	527	527	527	527	527
Total annual opex (kC\$/y)		84	85	87	88	90	92	94	95	97	99	101	103	105	107	109	111	113	115	118	120
Ebitda		443	442	440	439	437	435	433	432	430	428	426	424	422	420	418	416	414	412	409	407
Ebitda margin		84%	84%	84%	83%	83%	83%	82%	82%	82%	81%	81%	80%	80%	80%	79%	79%	79%	78%	78%	77%
D&A		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ebit		443	442	440	439	437	435	433	432	430	428	426	424	422	420	418	416	414	412	409	407
Ebit margin		84%	84%	84%	83%	83%	83%	82%	82%	82%	81%	81%	80%	80%	80%	79%	79%	79%	78%	78%	77%
Financial interest		158	151	144	136	128	119	110	101	91	80	68	56	43	30	15	0	0	0	0	0
Principal repayment		113	120	127	134	142	151	160	170	180	191	202	214	227	241	255	0	0	0	0	0
Ebt		286	291	297	303	309	316	323	331	339	348	358	368	379	390	403	416	414	412	409	407
Cash Flow	-875	173	172	170	168	167	165	163	161	159	158	156	154	152	150	148	416	414	412	409	407
Taxes		40	41	42	42	43	44	45	46	47	49	50	51	53	55	56	58	58	58	57	57
Tax Shield		875	1607	1461	1313	1162	1007	850	688	523	353	179	0	0	0	0	0	0	0	0	0
Taxes net of Tax Shield		0	0	0	0	0	0	0	0	0	0	25	51	53	55	56	58	58	58	57	57
Net Cash Flow	-875	173	172	170	168	167	165	163	161	159	158	131	102	99	95	91	358	356	354	352	350
Cumulative cash inflow		173	345	515	683	849	1014	1177	1339	1498	1656	1786	1889	1987	2082	2174	2531	2887	3241	3593	3943
DSCR		1,64	1,63	1,63	1,62	1,62	1,61	1,60	1,60	1,59	1,58	1,58	1,57	1,56	1,55	1,55					



Advanced-stage projects: Victoria Beach

Site name:	Everett Mountain Road
City:	Victoria Beach
County:	Annapolis
Mean wind speed:	7 m/s
Dominant wind:	SW







Advanced-stage projects: Victoria Beach

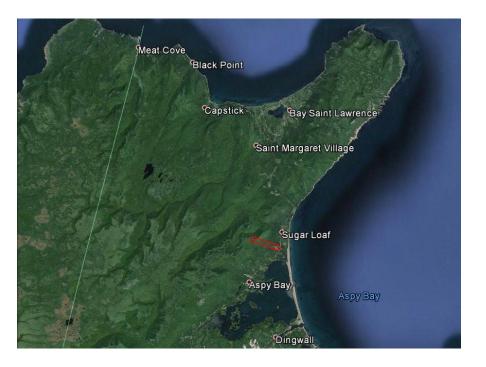




Advanced-stage projects: Sugarloaf

Site name:	6014 Road
City:	1769 Bay St Lawrence rd
County:	Cape Breton
Mean wind speed:	7,5 m/s
Dominant wind:	W/SW







Advanced-stage projects: Sugarloaf

