On-Site Renewable Microgrid Energy Generation

Business Plan, Products Summary & Financing Proposal

Joel Goldblatt, CEO - Bluenergy Solarwind, Inc.
Robert M. Nicolay, President, Bluenergy Solarwind Canada, Inc.
Robert L. Wheelock, CFO – Bluenergy Solarwind, Inc.
January 18, 2017
The Bluenergy Solarwind™ Brand

On-site Solar and Wind Power Generation that is Economical, Accessible and Beautiful

- Clean, reliable local energy choices beyond utility power
- Total Integrated System: solar PV, wind & solar thermal
- Urban friendly: aesthetics, silent, small footprint
- On-site power: monitoring & generation management
- Flexible: on-grid, off-grid, smart-grid, microgrid
- Expanded energy portfolio: RECs, Carbon/GHG offsets

BSW Zero-emissions Mission™: energy generation, produced at the source where people live and work
Bluenergy Solarwind: The EnergySuite™

INTEGRATED renewable distributed generation, intelligent digital controls and software, energy engineering, project development, project financing and construction management

Vertical Wind Turbine

BSW Strategic Partner

Solar Thermal Systems

SaaS Control & Monitoring

Hybrid Vertical Wind & Solar Turbine

Manufacturer and Project Developer for Microgrids and On-site Distributed Energy Generation projects
BSW – Technology Portfolio Overview

**UrbaVento™ Small-Wind Turbine**

**WiseEnergy™**

**Ready-to-Install Solar Thermal**

**Commercial & Residential**

**Solarwind™ World’s First Hybrid Integrated Turbine**

Integrated Monitoring of all three product lines
The BSW Enabled Microgrid

Integrating three renewable technologies with digital intelligence significantly increases the distributed energy plant’s generating capacity, providing a total Microgrid solution.
BSW’s Go To Market Strategy

BSW’s target market is Microgrids, sold as:
1) Packaged systems for energy end-users
2) Integrated customized packages for Developers and OEM sales; future sales to Dealers & Distributors
The Microgrid - Market Potential

“The microgrid market is estimated to reach $34.94 Billion by 2022 at a CAGR of 10.9% between 2016 and 2022.”
*Microgrid Market - Global Forecast to 2022, MarketsandMarkets, March 2016*

U.S. Microgrid Market Potential by Investment Segment, 2015-2020

Source: GTM Research’s report *North American Microgrids 2015*

Cumulative U.S. Microgrid Investments Will Surpass $3.5 Billion From 2015-2020

BSW’s hybrid system, services and components participate in every one of these revenue sectors with an emphasis on Generation for all our Microgrid projects.
Who will use it

The top BSW Customer Categories for Microgrids

- Hotels, Resorts & Spas
- University Campuses & Schools
- Corporate Campuses
- Government Buildings, Civic Centers
- Industrial: Plants, Mining & Warehouses
- Aboriginal & First Nations (self-sufficiency)
- Hospitals and Medical Centers
- Mobile Medical/Energy Logistics: VIAPOD™
- Transportation: Streetlights, EV charging, Roadways, Trains, Parking structures
Who are using Microgrids today?

From Rocky Mountain Institute - Top 30 corporate customers today for on-site renewables and Microgrids
BSW – Value Proposition

BSW’s EnergySuite™ enables integration of small scale Wind integrated with Solar Thermal and Solar PV for On-Site Microgrids in urban, suburban and rural areas

- Up to 300% more cost-effective than competing small wind technologies, increasing generation capacity from 25% to over 60%
- Optimized for low wind speeds, where people live and work
- Silence is beautiful: Appealing aesthetics, safe for birds and people
- Flexible & compatible: On-grid, Off-grid, Smart-grid, Microgrids
- Combining Solar & Wind: Increases renewable power generation and with battery storage can support up to 100% of load requirements
- Energy Self-Sufficiency
### Highlights & Notes:
- BSW’s Microgrid balances efficiencies & economics of Renewable sources
- BSW’s Hybrid Microgrid can increase AEO from 25% for conventional Solar PV to 60-85% of an end-user facility’s energy requirement
- UrbaVento™ and ThermaSun™ are more efficient than conventional Solar PV on an Installed Cost per AEO basis
- ThermaSun™ reduces Gas or Electricity required to produce hot water by 70%-90%, which reduces overall system energy required by 25%

### BSW Renewable Microgrid System Economics

<table>
<thead>
<tr>
<th>BSW Hybrid Microgrid - US$</th>
<th>Solar PV</th>
<th>UrbaVento</th>
<th>ThermaSun</th>
<th>Combined Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nameplate Capacity (MW:DC)</td>
<td>0.75</td>
<td>0.17</td>
<td>0.08</td>
<td>1.00</td>
</tr>
<tr>
<td>Average Annual Energy Output (AEO) - kWh</td>
<td>1,096,306</td>
<td>568,512</td>
<td>306,577</td>
<td>1,971,395</td>
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<tr>
<td>Total Installed Cost</td>
<td>$1,485,000</td>
<td>$676,800</td>
<td>$324,515</td>
<td>$2,486,315</td>
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<tr>
<td>Installed Cost Per Watt</td>
<td>$1.98</td>
<td>$4.00</td>
<td>$4.07</td>
<td>$2.49</td>
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<tr>
<td>Installed Cost Per AEO</td>
<td>$1.35</td>
<td>$1.19</td>
<td>$1.06</td>
<td>$1.26</td>
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<tr>
<td>Total Cost Per kWh Produced</td>
<td>$0.0613</td>
<td>$0.0732</td>
<td>$0.0557</td>
<td>$0.0639</td>
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<tr>
<td>Cost Recovery (Unleveraged) - Years</td>
<td>6.02</td>
<td>8.12</td>
<td>6.52</td>
<td>6.70</td>
</tr>
<tr>
<td>Renewable Generation Capacity Factor</td>
<td>33.64%</td>
<td>17.45%</td>
<td>9.41%</td>
<td>60.50%</td>
</tr>
</tbody>
</table>
**BSW Renewable Microgrid Economics**

<table>
<thead>
<tr>
<th>Comparison of Solar PV System with Batteries to BSW Hybrid That Does Not Need Batteries</th>
<th>Solar PV (With Batteries)</th>
<th>BSW Hybrid System (No Batteries)</th>
<th>% Savings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nameplate Capacity (MW:DC)</td>
<td>1.35</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td><strong>Average Annual Energy Output (AEO) - kWh</strong></td>
<td>1,971,395</td>
<td>1,971,395</td>
<td></td>
</tr>
<tr>
<td>Total Installed Cost</td>
<td>$3,004,145</td>
<td>$2,486,315</td>
<td>17.24%</td>
</tr>
<tr>
<td>Installed Cost Per Watt</td>
<td>$2.22</td>
<td>$2.49</td>
<td></td>
</tr>
<tr>
<td><strong>Installed Cost Per AEO</strong></td>
<td>$1.52</td>
<td>$1.26</td>
<td>17.24%</td>
</tr>
<tr>
<td>Total Cost Per kWh Produced</td>
<td>$0.0680</td>
<td>$0.0639</td>
<td>6.07%</td>
</tr>
<tr>
<td>Cost Recovery (Unleveraged) - Years</td>
<td>6.77</td>
<td>6.70</td>
<td></td>
</tr>
<tr>
<td><strong>Renewable Generation Capacity Factor</strong></td>
<td>25%</td>
<td>60%</td>
<td></td>
</tr>
</tbody>
</table>

**Highlights and Notes:**
BSW’s Hybrid Microgrid system provides a lower-cost solution than conventional Solar PV, which would normally require battery storage to deliver AEO comparable to BSW’s system.
Small-Wind Turbine

Blending Aesthetics & Technology for Effective Generation

Target Customers: Project owners, developers, Independent Power Producers (IPP)
  • For mixed-use and urban generation projects:
    - Business parks                     - Government facilities
    - Residential housing                - Transportation centers
  • Private labeled for co-marketing
  • Differentiate products: sculptural installations

Designed for Urban Markets
  • Under 2-story height restriction
  • Urban-friendly: noiseless, appearance
  • UL-certified grid-connect

Effective Generation in Urban Environment
  • In nominal wind speeds (10-15 mph)
  • Turbulent winds (+/- 50 mph)
  • Dynamic winds (4 - 100+ mph)

U.S. & International Growth Markets

BSW’s Prototype 6 in 2012 – Patents Filed
Tested In Wind Tunnel At Texas A&M
# Competitive Landscape

<table>
<thead>
<tr>
<th>Urban Requirements</th>
<th>Turbine</th>
<th>IEC Rating/Style</th>
<th>Types of Wind</th>
<th>Wind Speeds</th>
<th>Limited Space</th>
<th>Urban View: No Poles</th>
<th>Annual KWH</th>
<th>Relative Cost/Watt</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BSW “UrbaVento”</td>
<td>3kW Savonius</td>
<td>Dynamic Winds</td>
<td>√</td>
<td>√</td>
<td>√</td>
<td>4800-7200</td>
<td>1.0 x</td>
</tr>
<tr>
<td></td>
<td>USA 10 year warranty</td>
<td>Hybrid</td>
<td>Artificial Turbulence</td>
<td>√</td>
<td>√</td>
<td>√</td>
<td>√</td>
<td>AEO at 10 mph</td>
</tr>
<tr>
<td></td>
<td>SWWP “Skystream 3.7”</td>
<td>2.4 kW Propeller</td>
<td>Kick-In under 7mph</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>2400</td>
</tr>
<tr>
<td></td>
<td>China 5 years</td>
<td>3kW Lift</td>
<td>Width less than 10 feet</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>2100</td>
</tr>
<tr>
<td></td>
<td>Italy 5 years</td>
<td>1.5 kW Savonius</td>
<td>USA 3 years</td>
<td>√</td>
<td>√</td>
<td>√</td>
<td>√</td>
<td>?</td>
</tr>
<tr>
<td></td>
<td>UGE- “Air5”</td>
<td>1.5 kW Savonius</td>
<td>USA 3 years</td>
<td>√</td>
<td>√</td>
<td>√</td>
<td>√</td>
<td>?</td>
</tr>
</tbody>
</table>

**UrbaVento significantly outperforms competitive technologies**
6 wind turbine prototypes built & tested now ready for commercialization

BSW’s Prototype 1 SolarWind™ Turbine
Bluenergy Germany

BSW’s Prototype 2 SolarWind™ Turbine
Bluenergy Germany

BSW’s Prototype 4 wind turbine

BSW’s Prototype 6 wind turbine
Integrated Real-Time Monitoring App

- Solar Thermal
- Wind Electric
- Solar PV Electric

Generation Owner

- Energy Use
- System Status
- Components
- Carbon Offset Tracking/Cert

Billing

3rd Party Analysis Tools

Verification: Incentive Criteria, REC

Generation Control & Optimization

Collected & Shareable Data

TeleMaintenance

Real-time/In Control

HVAC/EERP

Smart Grid

Energy User

Technician
ThermaSun Features and Functions

- Measured Goals
- Lifecycle Profits
- Enterprise Energy Integration
- Verify Carbon/GHG Credits
- Track Generation
- Define Comfort Settings
- Integrates with Existing Energy
- Avoid Truck Rolls
- Verify Service Levels Met
- E-Tracking of Work Order
- E-Collect Signatures for Liability/Approval
- Online Manuals & Training
- Track Component & Vendor Performance
- Planned Maintenance
- Historical Comparisons of Costs /Savings
- Verification for Incentives & Rebates
- Market Trends: consumer, industry
- Product Improvements
Commercial /Residential Installed Solar Thermal ThermaSun Installations

TS-4 Installed Product

TS-2 Installed Product Award Winner

TS-4 Primary Controls
World’s First Hybrid Solar Wind Turbine

Blending Aesthetics & Technology for Effective Generation

- Combines Solar and Wind – one complete package
- Generates power in the day when solar is plentiful
- Produces energy at night when wind is prevalent
- Starts at very low wind speeds
- Small Footprint – integrates with landscaping
- Installed at site where energy is consumed
- No need for 90° angle to sun
- Can be curved: surface-conforming
- Attractive: easier permitting
- Extensive IP: for many applications
Bluenergy Solarwind – Brand Value

Reliable Environmental Beautiful Affordable

RELIABLE
- Integrating all BSW products into a Hybrid Energy Suite™ significantly increases the renewable generation capacity factor, reliability, backup and security levels, protecting against power outages

ENVIRONMENTAL
- Clean energy produced and used on-site, at the source
- Silent and Safe - located where people live and work
- No carbon or greenhouse gas emissions, can be carbon negative, with WiseEnergy™ data tracking to certify carbon reduction reporting

BEAUTIFUL
- Aesthetics and Silence Matters… a work of art where the art works™

AFFORDABLE
- Lower Cost, Balances Efficiencies with Higher Annual Energy Output
Bluenergy Solarwind – Manufacturing Strategy

• Capital light approach – no major investment in PP&E

• BSW Patented Proprietary components built by Contract Manufacturers:
  - the turbine blades and shaft, controller and software

• BSW’s wind turbine uses non-proprietary, off-the-shelf, certified components for all electronics:
  - generator, inverter and batteries

• All off-the-shelf electrical components are already UL or CE-certified; much easier to obtain a system UL listing for the BSW wind turbine

• All assembly, packaging & distribution done by Contract Manufacturers

• Planning is underway to begin BSW production and manufacturing with Contract Manufacturers in Texas and Colorado.
Product Timeline

Product 1
UrbaVento™ Turbine with WiseEnergy™ Monitor & Control App

Product 2
Building-Integrated Solar PV (Partner with Solaria)

Product 3
Solarwind™ Turbine Solar + Wind

Architecture
Transportation
Portable Structures

2017
UrbaVento
WiseEnergy
& ThermaSun
Production

2018
UrbaVento
WiseEnergy
& ThermaSun
Commercialized

2018
Solar BIPV
Launched

2018-19
Solar PV &
Global Applications
Commercialized

2018 - 2020
Solarwind™
Turbines
Launched / Scaled for
Solarwind Farms™
BSW Product Commercialization Launch
Use of Funds

TRANCHE I - $2 Million – January 2017 – September 2017
• Finalize contractual relationships with contract manufacturers for the BSW EnergySuite™
• WiseEnergy™ (WE) – complete & install intelligent digital controls automated management and controls software systems
• ThermaSun™ (TS) – complete & build initial controller; design, engineer construct and commission initial commercial scale solar thermal installation
• UrbaVento™ (UV) – construct & install commercial-scale vertical axis wind turbine

TRANCHE II – $6 Million – October 2017 – January 2018
• Build & install additional WE software, TS controller & UV wind turbine field units
• Scale-up of contract manufacturing for TS controller & UV wind turbine
• Obtain initial orders for WE software, TS controller & UV wind turbine
• Complete engineering, procurement, construction and financing for first BSW Showcase Development Project

SUBSEQUENT FINANCING TRANCHES - February 2018 – September 2018
• Generate revenues from sale of TS controllers, UV wind turbines, WE SaaS subscriptions and project development, management & servicing fees
• Construct, commission & commence operations for two Showcase Development Projects
# Bluenergy Solarwind – Financial Highlights (USD)

## FINANCIAL PROJECTIONS ($ Thousands)

### OPERATIONS

<table>
<thead>
<tr>
<th></th>
<th>Tranche I</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
<th>Year 5</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Funding Period</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Revenues</td>
<td>$250</td>
<td>$6,718</td>
<td>$66,055</td>
<td>$158,695</td>
<td>$227,859</td>
<td>$331,161</td>
</tr>
<tr>
<td>Cost of Revenues</td>
<td>125</td>
<td>2,675</td>
<td>31,321</td>
<td>73,942</td>
<td>106,646</td>
<td>152,334</td>
</tr>
<tr>
<td>Gross Margin</td>
<td>125</td>
<td>4,043</td>
<td>34,735</td>
<td>84,753</td>
<td>121,213</td>
<td>178,827</td>
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<tr>
<td>Operating Expenses</td>
<td>1,455</td>
<td>17,235</td>
<td>26,532</td>
<td>39,027</td>
<td>38,100</td>
<td>45,248</td>
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<tr>
<td>EBITDA</td>
<td>(1,330)</td>
<td>(13,193)</td>
<td>8,202</td>
<td>45,726</td>
<td>83,113</td>
<td>133,579</td>
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<tr>
<td>Other Income (Expenses)</td>
<td>(116)</td>
<td>(373)</td>
<td>(1,660)</td>
<td>(2,371)</td>
<td>(3,084)</td>
<td>(3,799)</td>
</tr>
<tr>
<td>EBT</td>
<td>(1,446)</td>
<td>(13,566)</td>
<td>6,542</td>
<td>43,355</td>
<td>80,029</td>
<td>129,780</td>
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<tr>
<td>Provision for Income Taxes</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>16,440</td>
<td>39,378</td>
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<tr>
<td><strong>Net Income (Loss)</strong></td>
<td>$(1,446)</td>
<td>(13,566)</td>
<td>6,542</td>
<td>43,355</td>
<td>63,588</td>
<td>90,402</td>
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### CASH FLOWS

<table>
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<tr>
<th></th>
<th>$ (1,660)</th>
<th>$ (13,373)</th>
<th>$ 4,799</th>
<th>$ 51,646</th>
<th>$ 81,110</th>
<th>$ 88,382</th>
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<tbody>
<tr>
<td>Operations</td>
<td>-</td>
<td>(4,130)</td>
<td>(3,322)</td>
<td>(4,397)</td>
<td>(3,719)</td>
<td>(4,317)</td>
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<tr>
<td>Capital Expenditures</td>
<td>-</td>
<td>(38)</td>
<td>(374)</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Investments in ThermaSun</td>
<td>(38)</td>
<td>(374)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Investments in Development Project SPEs</td>
<td>-</td>
<td>(485)</td>
<td>(3,525)</td>
<td>(6,364)</td>
<td>(8,304)</td>
<td>(10,244)</td>
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<tr>
<td>Investments in Showcase Projects</td>
<td>-</td>
<td>(4,364)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Distributions from Development Project SPEs</td>
<td>-</td>
<td>-</td>
<td>158</td>
<td>767</td>
<td>1,745</td>
<td>2,823</td>
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<tr>
<td>Financing Proceeds</td>
<td>2,000</td>
<td>28,000</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Financing Costs</td>
<td>(50)</td>
<td>(1,450)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Other Financing Activities</td>
<td>-</td>
<td>(750)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Net Borrowings (Repaysments)</td>
<td>(130)</td>
<td>-</td>
<td>4,032</td>
<td>(1,708)</td>
<td>(1,708)</td>
<td>(617)</td>
</tr>
</tbody>
</table>

## ENDING CASH AVAILABLE

|                      | $ 123     | $ 3,197   | $ 5,340  | $ 45,284 | $ 114,408 | $ 190,435 |
## POTENTIAL ECONOMIC RECOVERIES ($ Thousands)

### Sale of Business - After End of Year 5

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>EBITDA - Year 5</td>
<td>$ 133,579</td>
</tr>
<tr>
<td>Assumed EBITDA multiple</td>
<td>8 x</td>
</tr>
<tr>
<td>Proceeds from sale of Business</td>
<td>1,068,632</td>
</tr>
<tr>
<td>Cash balance at end of Year 5</td>
<td>190,435</td>
</tr>
<tr>
<td>Exercise of Warrants &amp; Stock Options</td>
<td>16,305</td>
</tr>
<tr>
<td><strong>Less:</strong></td>
<td></td>
</tr>
<tr>
<td>Accrued Bonus Compensation</td>
<td>(6,068)</td>
</tr>
<tr>
<td>Income Taxes Payable</td>
<td>(15,015)</td>
</tr>
<tr>
<td><strong>Economic recovery upon sale of Business</strong></td>
<td>1,254,289</td>
</tr>
</tbody>
</table>

### Recoveries after sale of Business -

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net management fee income</td>
<td>27,905</td>
</tr>
<tr>
<td>Cash distributions from Development Project SPEs</td>
<td>166,910</td>
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<tr>
<td>Proceeds from sale of Showcase Projects</td>
<td>13,224</td>
</tr>
<tr>
<td><strong>Total distributable proceeds</strong></td>
<td><strong>$ 1,462,328</strong></td>
</tr>
</tbody>
</table>
Bluenergy Solarwind - Company

A New Mexico corporation, relocating corporate headquarters to Houston, commercializing its EnergySuite™ of on-site renewable, distributed energy products, systems, services and solutions.

Capital Structure

Historical Financing

• Round 1: Seed / Angel investors – Common Stock $3.2m @ $.65
• Round 2: Convertible Promissory Notes $958k @ $.80

Current Investment Opportunity

• Tranche 1: $2m @ $.80 – Strategic Lead Investors
• Tranche 2: $6m @ $1.00

Team

Small, very experienced team with proven track records

• Joel Goldblatt, President, CEO & Chairman of the Board
• Robert Nicolay, COO
• Robert Wheelock, CFO
• Paul Kelly, EVP Finance and Supply Chain
• Diane Bardal, VP Marketing & Sales
• Larry Mapes, Senior Engineer
• Bocci Engineering (Lianne Lami, CEO)
BSW Development Projects

BSW has identified, researched and evaluated over 30 potential Development Projects for Microgrids and On-Site Renewable Energy Generation Installations. Five Development Projects in varying stages of development are:

- Retrofit of 95 + existing Solar Thermal installation in New Mexico and Colorado
- Las Verandas / Pristine Bay Resorts - Roatan Island, Honduras
- Commercial Greenhouses on six ranches in Southwestern Colorado
- College Campus in Southern California
- Microgrid Demonstration Project in Medicine Hat, Alberta, Canada (expected to be funded in part by Canadian grants)
BSW Canada – Microgrid Showcase Premier

The first Microgrid is being planned now to be located at Medicine Hat College, Medicine Hat, AB

The BSW Showcase Microgrid:

Delivering low cost clean power and carbon/GHG reductions, employment, training and educational opportunities for economic development.
BSW Canada – Microgrid Showcase Premier

BSWC Showcase Microgrid

WIND: 4 - BSW UrbaVento™ 3kWp vertical axis wind turbines
Est: 28,800 kWhrs/year

SOLAR THERMAL: BSW ThermaSun™ commercial TS-4 Solar Thermal System
Est: 25,300 kWhrs/year

SOLAR PV: 20kW (~ 60-70 Solar Panels) on either Roof or Fixed Ground Mount
Est: 19,500 kWhrs/year

TOTAL NAMEPLATE CAPACITY: 38 kw
TOTAL SYSTEM OUTPUT EST: 73,600 kWhrs/year
Chart is expressed in Canadian Dollars: CAD $3m total = USD$ 2.25 Million
# Bluenergy Solarwind Canada (BSWC) - Medicine Hat Alberta - Source and Use of Funds Proposal

<table>
<thead>
<tr>
<th>Phase 1 (6 - 8 months)</th>
<th>Phase 2 (8 months onward)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Source</strong></td>
<td><strong>Source</strong></td>
</tr>
<tr>
<td>AITF Micro Voucher = $10,000</td>
<td>AITF Voucher = $100,000</td>
</tr>
<tr>
<td>BSWC Match = $3,333</td>
<td>BSWC Match = $33,333</td>
</tr>
<tr>
<td>Total = $13,333</td>
<td>Total = $133,333</td>
</tr>
<tr>
<td>- Decentralized Energy Canada (DEC) ‘Industry Development’ GHG emissions reduction</td>
<td>- DEC Enhanced GHG Modelling Tool = $12,950</td>
</tr>
<tr>
<td>modelling tool</td>
<td></td>
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<tr>
<td>Total = $133,333</td>
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</tr>
<tr>
<td><strong>Source</strong></td>
<td></td>
</tr>
<tr>
<td>AITF PDP = $300,000</td>
<td></td>
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<tr>
<td>BSWC Match = $300,000</td>
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</tr>
<tr>
<td>Total = $600,000</td>
<td></td>
</tr>
<tr>
<td>- Transmission &amp; Generator Analysis / Selection = $25,000</td>
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<tr>
<td>- Build &amp; Test Prototype #7 UrbaVento Wind Turbine = $250,000</td>
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</tr>
<tr>
<td>- Wind Tunnel Testing / Proving of Prototype #7 = $75,000</td>
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<tr>
<td>- Build &amp; Test Intuitive Machines Controller = $75,000</td>
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<tr>
<td>- Code and Complete WiseEnergy Software = $150,000</td>
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</tr>
<tr>
<td>Travel and Administration = $25,000</td>
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<tr>
<td>Total = $600,000</td>
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<tr>
<td><strong>Source</strong></td>
<td></td>
</tr>
<tr>
<td>Province of Alberta Grant = $2,000,000</td>
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<tr>
<td>BSWC Contribution = $253,334</td>
<td></td>
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<tr>
<td>Total = $2,253,334</td>
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<tr>
<td><strong>Use</strong></td>
<td></td>
</tr>
<tr>
<td>Commercial Scale Performance Demonstration</td>
<td></td>
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<tr>
<td>- UrbaVento Product Development = $472,910</td>
<td></td>
</tr>
<tr>
<td>- Microgrid Controller Product Development = $139,576</td>
<td></td>
</tr>
<tr>
<td>- Wise Energy Product Development = $306,243</td>
<td></td>
</tr>
<tr>
<td>- Site(s) Control / Site(s) Acquisition for Microgrid Installation(s) = $125,000</td>
<td></td>
</tr>
<tr>
<td>- Site(s) Survey and Microgrid Engineering = $200,000</td>
<td></td>
</tr>
<tr>
<td>- Utility Technical Support / Witness and Corroborate Microgrid Performance = $125,000</td>
<td></td>
</tr>
<tr>
<td>- Project Management through to Commissioning = $697,105</td>
<td></td>
</tr>
<tr>
<td>Total = $2,253,334</td>
<td></td>
</tr>
</tbody>
</table>

**RESULTS**

($3 million)

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**Investors**

**Assembly, Distribution and Servicing Center in Medicine Hat**

**Industry Partners**

**Distinguishing Training & Education Programs @ MHC**

**Customer Orders**

**Clean Renewable Energy**

**Low Cost Electricity and Carbon Offsets for MH Customers**

**Carbon Offset Credits**

**Demonstration and Testing of UrbaVento & Microgrid Renewable Energy Performance**

**First Full Scale UrbaVento installed (3kW expandable to 5kW with solar tiles) plus BSW Microgrid**
BSW is Ready to Go

- Experienced management team in place
- 6 prototypes built and tested by third-parties
- Significant patent portfolio is owned by BSW
- Manufacturing planning is underway to begin wind turbine production with specific contract manufacturers
- In active discussions with Microgrid customers
- BSW has been funded by Angel Investors to date
- Detailed financial modeling and projections have been completed

BSW is actively seeking $8 million in private equity from strategic investors to deliver the first BSW wind turbine product to market

We invite you to contact the principals below for more financial, technical and market information and encourage you to make an investment now.
BSW Contacts:

Joel C. Goldblatt, President / CEO
Bluenergy Solarwind, Inc.
Mobile: +01-575-770-5110
Email: joel@bluenergyusa.com

Or

Rob Wheelock, III, CFO
Mobile: +01-214-232-7575
Email: rob@bluenergyusa.com

BSW Canada Contact:

Robert (Bob) Nicolay,
BSWC President &
BSW COO
Bluenergy Solarwind Canada
Mobile: 403-607-2540

Email: robert.nicolay@bluenergyusa.com
Bluenergy Solarwind – Team Bios

Joel C. Goldblatt, Co-Founder, Chairman & Chief Executive Officer of BSW, is a serial entrepreneur who founded and led media, telecom & solar companies, including The Dallas-Ft. Worth Teleport (co-founded 1983) with the Trammell Crow Company as the lead venture partner. Transitioning to LightPath Technologies (1991) with game-changing optics and fiber/telecom technologies, Joel was both VP Marketing & VP Investor Relations and LightPath had a very lucrative exit through an IPO in 1996 - 1998.

Solaria Corporation (co-Founder & CEO:1998-2004) has raised over $140 Million and is manufacturing its low-concentration solar PV arrays in Fremont, California.

Joel is a pioneer in the renewable energy industry, and a passionate contributor to socially responsible enterprise. Joel’s home in Angel Fire, NM, “Heavenly Retreat” is a 5,500 square foot passive/active solar net-metered design, incorporating solar thermal and built-in photovoltaics.

As Founder, President and CEO of Bluenergy Solarwind (2006), Joel purchased the global IP assignment for BSW’s product development from Bluenergy Germany AG. He has been instrumental in establishing the Company in the U.S., raising its financing, and preparing initial production of the ThermaSun™ solar thermal, WiseEnergy™ software, and UrbaVento™ wind turbine product lines.

Joel has a BS in Radio-TV-Film, and an MS in Satellite Communications, both from the University of Texas at Austin.
Mr. Robert M. ("Bob") Nicolay, BSW Chief Operating Officer (COO). Bob is a founder and served as Chairman of the Board and Co-President and Co-CEO of Oak Point Energy Ltd., an oil and technology company in Canada. He also served as President and CEO of KemeX Ltd, an engineering and project management firm acquired by Oak Point in 2011. Previously, Mr. Nicolay was VP Business Development / M&A for Pengrowth Corporation, a Canadian Energy Trust, and President and CEO of ENMAX Corporation, an electric utility in Calgary, Alberta. Bob also served as President and CEO of the Calgary Olympic Development Association and he spent several years in local government up to the level of Chief Commissioner / City Manager. He serves as Director for General Magnetic International and has served as a Director on numerous public, private, and Not-For-Profit Boards. Mr. Nicolay has recently relocated from Calgary to Houston. Bob has a Bachelor of Commerce degree from the University of Calgary and an MBA from Nova Southeastern University, Ft. Lauderdale FL.
Robert L. ("Rob") Wheelock, III, BSW Board Member, Vice President & Chief Financial Officer.
Rob is an experienced investment banker, corporate officer, and executive manager. He has led financings totaling more than $800 million in energy, real estate development, manufacturing, transportation, telecom & information technology sectors. Rob is recognized in the energy and real estate industries for leading entrepreneurial developments, including development, new construction, renovation, financing and operation of a number of hotel properties. He is expert in the use of data and statistics, and develops comprehensive economic models. Education: BA Economics, Washington and Lee University, and MBA Finance, Emory University.
Paul Kelly, BSW EVP Finance & Supply Chain.
Paul has over 30 years of senior financial experience including significant experience with both start-up and large companies. Paul has provided sophisticated financial and transactional services to start-ups including strategic and business planning, debt and equity financing, government contracting, accounting and IT systems analysis, operations and supply chain management, financial planning, and program management services. Paul was recently the acting CFO of Novinda, Inc. and ION Engineering; early stage start-ups in the Energy/Clean Technology Sector. His experience includes CFO positions with both public, private and private-equity backed companies, 12 years at Coors and he was an Audit Manager with PricewaterhouseCoopers.
A Certified Public Accountant, Paul earned a BS in Accounting from Eastern Michigan University and a Masters in Accounting from Colorado State University.
Bocci Engineering - (Lianne Lami – Founder & CEO), CEM, CEA. Lianne brings a career of more than 25 years of executive level experience in the energy industry, in corporate relations, advisory, and board officer roles. Bocci provides BSW with high quality, engineering services in the area of process optimization, energy generation, transmission, and distribution, emissions reductions, clean and renewable energy, and energy efficiency. Her vision for Bocci, her passion for innovation, and her drive have built a scalable business that nearly doubled in size during the current recession.

Bocci Engineering Awards and Recognitions:

• Houston Business Journal Growth Article
• 2012 National WBENC Star Award
• 2012 HBJ People on the Move
• 2012 HWCOC Finalist, Star Award
• 2011 Cutting Edge WBEA Award – Professional Services
• CEO Lianne Lami Board President 2011-13, Women Contractors Association
• 2011 HBJ 12th Fastest Growing Women’s Business Enterprise
**Diane Bardal**, BSW Vice President Marketing & Sales. With a background in natural resources and information technology, she has worked for IBM and Fujitsu in roles such as project manager, manufacturing/distribution sales representative, and business intelligence specialist. Her in-depth experience across multiple industries and strong customer-focus allowed her to work with executive, operational and marketing/sales teams of several Fortune 500 clients. Prior to joining BSW, she was the Director of Marketing for a national wind developer, establishing strong brand recognition, and for a renewable energy credit (REC) remarketer, achieving regional sales dominance.

**Larry Mapes**, BSW ThermaSun™ Solar Thermal Engineer: Inventor & Developer of the ThermaSun™ solar thermal product line, and content requirements specialist in the WiseEnergy™ software development program. Larry is a subject matter expert on Solar Thermal, Small Wind, and Solar PV for installation, operations, system requirements, problem identification and system optimization.

**Dave Avant**, BSW WiseEnergy™ IT Services Product Manager: data infrastructure, requirements and Application (App) development (e.g., Telemaintenance, Reporting)