



## SETH MCINTOSH

Senior Vice President, M&A and Project Finance

### ROLES AND RESPONSIBILITIES

Seth is responsible for acquisitions, divestitures, and supervision of deal structuring and execution. He specializes in tax driven equity investments.

**YEARS IN THE INDUSTRY**

16

**YEARS AT RES**

6

### EDUCATION

- › B.S. Business Administration, University of Denver, Denver, CO

### EXPERIENCE

COMPANY	SCOPE	ROLE
RES	Acquisitions, divestitures, and supervision of deal structuring and execution	SVP M&A and Project Finance
Energy Investors Funds Renewable Energy Holdings	Structured and executed acquisitions and financings in the renewable energy sector	Consultant - Renewable Energy Financing
Wachovia Capital Markets, LLC	Origination, project structuring and execution, and financing structuring	Vice President
WESTLB AG	Power, utilities, and Infrastructure	Associate Director
SOCIÉTÉ GÉNÉRALE	Project and sectorial finance	Associate
SG Cowen Securities Corporation	High yield/leveraged finance	Analyst

### QUALIFICATIONS

Seth is a motivated and detail oriented finance professional with diversified experience, focused in the traditional and renewable energy sectors. His expertise lies in analyzing, originating, structuring, executing, distributing and investing in financing for utility-scale renewable energy projects.



## RESUME

**NAME:** Jaz Bains

**NATIONALITY:** British

**EMPLOYER:** Renewable Energy Systems Limited. (RES Ltd.)  
Beaufort Court  
Egg Farm Lane  
Kings Langley  
Hertfordshire WD4 8LR  
United Kingdom  
Tel: + 44 (0) 192 329 9266  
Email: [jaz.bains@res-ltd.com](mailto:jaz.bains@res-ltd.com)

**CURRENT POSITION:** Commercial Director, EMEA

**EDUCATION:** The Henley Advanced Management Programme, 2009.  
ACCA Certified Diploma in Accountancy and Finance, 1996.  
BSc Mathematics with Management Applications ,  
Brunel University, 1989.

### PROFESSIONAL EXPERIENCE:

**Jul '13 - Current**

***Co-Fund Manager,  
The Renewables Infrastructure Group Ltd. (TRIG)***

Responsible for structuring and marketing to potential investors a new investment company, TRIG, listed on the London Stock Exchange. TRIG's investments focus is in onshore wind farms and solar parks in Northern Europe. TRIG successfully raised £300 million in July 2013, and has raised an additional £140m which has been fully invested in a portfolio of 28 assets. I am now jointly managing the fund and investor relations

**Jan '03 – Current  
RES Ltd**

**Commercial Director (Jun'14 - present)  
Director, Risk & Investment (Nov '10 - May '14)  
Group Commercial Manager (Jan '03 - Nov '10)**

Responsible for sourcing, negotiating and closing non-recourse project finance, negotiating the sale and acquisition of projects, sourcing and negotiating Power Purchase Agreements, negotiating

joint-ventures into new markets and providing support and guidance to development managers for new projects.

Relevant Project Achievements:

- Negotiated and closed 300MW merchant project finance facility for RES' new UK and French wind power projects;
- Negotiated and closed EURO €185 million merchant project finance facility for 94.5MW Havsnas Wind Farm Project in Sweden;
- Negotiated and closed the EURO €225 million multi jurisdiction (UK, France and ROI) Astraeus Portfolio Facility for the refinancing of 97MW of operational projects and construction and term financing for 99MW of new wind farms;
- Sourced, negotiated and closed GBP £25 million financing package for the 26MW Altahullion Wind Farm project in Northern Ireland and GBP £32 million financing package for the Black Hill Wind Farm project in Scotland;
- Negotiated and closed GBP £10 million financing package for the 13.2MW Lendrums Bridge Wind Farm project in Northern Ireland;

**Jul'02 - Dec '02**

**Managing Director, Bains& Associates Ltd.**

Managing Director of a project development and finance consultancy. Advising clients on finance options available, providing financial analysis and support, negotiating Power Purchase Agreements, advice on project selection and assistance in negotiating project documents, negotiating financing terms and shareholder agreements

**Reference:**



## **MICHÈLE BEAUCHAMP, lawyer**

Place of birth: Lachine, Québec, Canada  
Citizenships: Canadian  
Languages: French and English  
Address : 40 50e avenue Lachine Qc H8T 2T5  
Phone number : (514) 639-9132  
Cellular: (514) 823-7608  
e-mail: [michele.beauchamp@sympatico.ca](mailto:michele.beauchamp@sympatico.ca)

### **EDUCATION**

1989 Master of laws, Université de Montréal, Montréal, Canada  
1983 Québec Bar School  
1982 Bachelor of civil law, Université de Montréal, Montréal, Canada

### **PROFESSIONAL ASSOCIATIONS**

Québec Bar, 1983  
Canadian Bar Association

### **CAREER SUMMARY**

Ms Beauchamp is presently Vice President, Legal Affairs-Development Canada for Renewable Energy Systems Canada inc., a subsidiary of a private UK corporation and an affiliate of a US corporation. She is responsible for all the Canadian legal affairs.

Ms. Beauchamp was Vice President - Legal Affairs and Corporate Secretary of Innergex Renewable Energy inc. (formerly Innergex Management Inc. ) from March 2004 to June 2010. She was responsible for all legal aspects related to Innergex group activities, the corporate records and ensures the compliance with the rules and standards imposed on public companies.

Before joining Innergex, Ms. Beauchamp acted as General Counsel from 1996 to 2004 for a pulp and paper company and its subsidiary, a renewable energy producer. She participated in the closing of major private and public financing and corporate acquisitions in Canada, USA and Europe, and acted as the corporate secretary for many private and public companies.

From 1983 to 1996, Ms. Beauchamp was an associate then a partner in an important law firm in Montreal where she worked mainly in the field of corporate banking.

## **SKILLS**

Ability to manage multiple transactions and activities at the same time, broad knowledge of commercial, financing and securities laws, excellent organisational skills and ability to supervise effeciently mulitdisiplinary team.

## **PROFESSIONAL EXPERIENCE**

**2010- to date**

**RENEWABLE ENERGY SYSTEMS CANADA INC.**

Montréal, Québec

**Vice President, Legal Affairs- Development Canada  
Responsibilities**

- Responsible for all the Canadian legal affairs
- Structuring and negotiating sale of equity interest in project in development
- Assisting developers in negotiations of the real property agreements
- Drafting and negotiating commercial agreements such as option and installation of meteorological masts, contract for services, sub-contracts; construction contracts
- Structuring and negotiating memorandum of agreement for partnership in project in development

**2004-2010**

**INNERGEX RENEWABLE ENERGY INC.**

Longueuil, Canada

**Vice-President - Legal affairs and Corporate Secretary**

**Responsibilities**

- Member of the strategic executive team responsible for the development and operation of renewable power projects, including hydroelectric facilities and wind farms;
- Responsible for all legal aspects of the activities of Innergex Renewable Energy inc. ("Innergex") and Innergex Power Income Fund ("Fund") through Canada and in the USA, including financing, acquisition and corporate matters;
- Acting as corporate secretary of the two public entities simultaneously including the attendance to all board and committee meetings and drafting of the agendas and the minutes;
- Drafting all the corporate governance politics and rules, including the Code of ethic;

- Drafting, overseeing and filing of the continuous disclosure materials required under securities laws;
- Coordinating with external counsels the initial public offering of Innergex Renewable Energy Inc. in December 2007 for \$115 million;
- Coordinating with external counsels the combination through a plan of arrangement of Innergex and the Fund by way of a reverse take-over;
- Coordinating with external counsels over \$300M of public offerings and private placements;
- Negotiating and implementing in collaboration with the Vice-President- Finance over \$300 million of project financings for hydroelectric facilities and wind farms;
- Negotiating and implementing in collaboration with the Vice-President- Finance the corporate financings of the Innergex entities for over \$200 million;
- Negotiating sale and acquisition of more than 500MW of hydroelectric facilities and wind farms;
- Participating in, and coordinating external counsels for, due diligence process;
- Drafting and negotiating various commercial agreements such as partnership agreements, shareholders agreements, management agreements, confidentiality agreements, non-competition agreements;
- Drafting and negotiating construction contracts under British-Columbia, Ontario and Québec laws;
- Drafting and negotiating documents for implementation of wind farms, such as land options, deeds of superficies rights, servitudes, leases, application under the Land Protection Act.; and
- Drafting and negotiating joint venture agreements with First Nations.

**1996-2004**

**CASCADES INC.**  
Montreal, Canada

### **Counsel**

### **Responsibilities**

- In charge of negotiating and implementing debt financings with bank syndicates or the issuance of high yield securities on the Canadian, American and European markets;
- Negotiating and drafting various commercial and financial agreements such as ISDA Agreements, confidentiality agreements, non-competition agreements and service and product supply agreements;
- General Counsel to the senior management of the subsidiaries;

- In charge of real estate matters and the management of the trademark portfolio; and
- Acting as corporate secretary for a public and several private corporations, including a Hungarian corporation.

**1983-1996**

**DESJARDINS DUCHARME STEIN MONAST**

Montreal, Canada

**Associate and Partner**

**Responsibilities**

- Planning and structuring financings for financial institutions;
- Drafting and negotiating credit agreements and security documents for financial institutions;
- Reviewing and realizing security interests for financial institutions under the Bankruptcy and Insolvency Act and the Companies' Creditors Arrangement Act.
- Drafting security documents for a major Canadian bank following the coming into force of the Quebec Civil Code.

**Other experiences/honors**

<b>2016-</b>	Board member of Bois Urbain Meubles
<b>2014</b>	Finalist as the best in-house counsel for the Province of Québec
<b>2013-2015</b>	Board member of the Association québécoise de la production d'énergie renouvelable and president of the internal communication and event committee
<b>2011</b>	Board member of Ensemble folklorique Les Eclusiers
<b>2010</b>	Teacher at the Québec Bar School – Business Laws section
<b>2008</b>	Finalist as the best in-house counsel for the Province of Québec
<b>2006-2007</b>	Board member and secretary of the Lachine Racing Canoë Club

## Curriculum Vitea

Philippe Coulombe-Pontbriand M.Sc  
6401 Chabot Montréal, Quebec,  
Canada, H2G 2T3

### Personal Information

Birthdate	December 2 <sup>nd</sup> 1978
Nationality	Canadian
Written/Spoken Languages	English, French, Spanish
Email Address	<a href="mailto:philippepontbriand@gmail.com">philippepontbriand@gmail.com</a>
Phone Number	514-803-4667
Current Employer:	Renewable Energy Systems Canada Inc.
Job Title:	Energy Resource Manager
Academic Qualifications:	Master of Science, McGill University, Montreal, 2003 – 2005 Bachelor of Science, Physics 'Honours Program', McGill University, Montreal, 1999 – 2002

### Professional Experience

- |             |  |
|-------------|--|
| 2010-now    | <b>RES Canada – Energy Resource Manager</b> <ul style="list-style-type: none"><li>• Responsible for all technical aspects of wind and solar projects development, market analysis and project portfolio management.</li><li>• Economic review, life cycle cost analysis of wind turbine technologies (cash flow, early financial models, IRR evaluation, OPEX-CAPEX)</li><li>• Represent RES Canada in various public hearing for all technical related matter.</li><li>• Supervise the different activities of the Canadian technical department (Energy estimation and optimization, Uncertainty evaluation, Noise Analysis, Project due diligence, Instrumentation, Research and development, Request for proposal and PPA review).</li></ul> |
| 2008 – 2010 | <b>RES Canada – Wind Resource Analyst – Meteorological Tower Coordinator</b> <ul style="list-style-type: none"><li>• On site supervision of contractors during installation of 60m to 100m towers. Enforce compliance with RES-Canada quality standards and health and safety program.</li><li>• Improve the health and safety program along with management.</li><li>• Responsible for a 3M\$ yearly budget.</li><li>• Integration of wind sensors and communication systems.</li><li>• Responsible for final commissioning of the meteorological towers.</li><li>• Development of autonomous power systems for meteorological towers.</li></ul>  |



- |             |  |
|-------------|--|
| 2007-2008   | <b>Envert Energie - Vice-President Business Development</b> <ul style="list-style-type: none"> <li>• Co-founder of Envert Energie – a consultancy business specialized in climate change, carbon footprint evaluation and carbon footprint reduction.</li> </ul>   |
| 2006 – 2007 | <b>GPCo – Renewable Energy Analyst</b> <ul style="list-style-type: none"> <li>• Prepared wind resource evaluation reports for the Hydro-Quebec 2000MW wind energy tender.</li> <li>• Development and improvement of various tools/software used in wind resource evaluation. (long term prediction, uncertainty, quality control).</li> <li>• Installation of meteorological towers, solar panels and small renewable energy systems.</li> </ul> |
| 2005-2006   | <b>McGill University – Research Assistant</b> <ul style="list-style-type: none"> <li>• Design and construction of a central data acquisition system used to characterize the dynamics of an aerostat.</li> <li>• Design of a pitch control system.</li> </ul>  |
| 2002-2003   | <b>Sunnybrook Hospital – Research Physicist</b> <ul style="list-style-type: none"> <li>• Design of a 3 axis robot used to characterize the acoustic field of a transducer used for medical imaging.</li> </ul>   |
| 2001-2002   | <b>University of Toronto Institute for Aerospace Studies(UTIAS) – Student Researcher</b> <ul style="list-style-type: none"> <li>• Construction of 8 conceptual robots designed for Martian exploration.</li> <li>• NSERC scholarship.</li> </ul>   |
| 2001-2002   | <b>Argonne National Laboratory – Student Researcher</b> <ul style="list-style-type: none"> <li>• Development of control system for high pressure valves used in the Canadian Penning trap. (nuclear physics)</li> </ul>  |

### **Other Professional Activities**

- |           |   |
|-----------|---|
| 2015      | Technical Lead for RES-Canada, Bureau d’audiences publiques en environnement, Mont-Sainte-Marguerite wind energy project. |
| 2014      | Independent Technical-Economic analysis of a novel ice detector for SOVAR.  |
| 2013-2015 | Technocentre éolien, Strategic member of the industrial comity.   |

### **Publications:**

- [1] **P.Coulombe-Pontbriand**, M.Nahon, ‘Experimental Characterization and Simulation of a Tethered Spherical Aerostat in an Outdoor Environment’, *Journal of Wind Engineering and Industrial Aerodynamics*, pp 208-218, 2009
- [2] **P.Coulombe-Pontbriand**, ‘Modeling and Experimental Characterization of a Tethered Spherical Aerostat, *Master’s Thesis, McGill University*, August 2005

## **Conferences:**

- [1] **P.Coulombe-Pontbriand** , 'Défi du développement éolien en milieu nordique : La mesure de vent', *Colloque du Technocentre Éolien*, 2013
- [2] **P.Coulombe-Pontbriand**, 'Cold Climate Resource Assessment: Lessons Learned', *Canadian Wind Energy Association Conference*, 2010
- [3] **P.Coulombe-Pontbriand**, M.Nahon, 'Experimental Characterization and Simulation of a Tethered Spherical Aerostat in an Outdoor Environment', *AIAA 16<sup>th</sup> Lighter than Air Conference*, Arlington, Septembre 2005
- [4] **P.Coulombe-Pontbriand**, 'Le projet L.A.R.: Développement d'une nouvelle génération de radiotélescope', *Invited Speaker Cégep de Sherbrooke*, 2005

## **Technical Reports:**

- [1] **Philippe Coulombe-Pontbriand**, G.Durany, Feasibility Study for a 12MW Wind-Diesel hybrid power system for Vale Inc., 2014
- [2] **P.Coulombe-Pontbriand**, 'Technical Pre-Feasibility: Development of Commercial Scale Wind Farms Past the 49th Parallel in Quebec', Presented to R.E.S Americas, 2011

## **Key Skills and Competencies**

Software	Autocad, ArcGIS, Microsoft Office, Microsoft Project
Programming	Matlab, SQL, C++, Visual Basic
Personal	Innovative, Generating ideas, Team player, Result oriented, Self-Motivation
Professional	Project management, Renewable energy technology review, Technical and economic evaluation of energy projects, Energy system design and commissioning, Carbon footprint evaluation ISO 14067, Budget forecasting, Cost control, Project quality control, Health and safety program review and application

## **Other Experiences:**

2014-2015	<b>Urban Beekeeper</b>
2013	<b>President</b> of the ruelle verte comity Rosemont Petite-Patrie
2014-2015	<b>Cyclist</b> with the competitive team Cycle Pop
2001-2002	<b>President</b> of McGill Physics Undergraduate Student Society



## KENDALL HAWKER

Director of Operations

### ROLES AND RESPONSIBILITIES

Kendall leads asset management team that monitors and maintains three RES projects. As a member of the management team, he contributes to the short and long-term organizational planning and strategy.

### PROJECT EXPERIENCE

PROJECT	SCOPE	LOCATION	ROLE
Amphora Energy Storage	4MW   2.6MWh lithium battery storage with frequency regulation	Strathroy, Ontario	O&M Manager
Jake/Elwood Energy Storage	19.8MW   BYD-13430 lithium ion phosphate	Joliet & Chicago, Illinois	O&M Manager
Willey Battery Storage	6MW   Toshiba-7070 lithium titanate oxide	Hamilton, Ohio	O&M Manager
Clinton Energy Storage	10MW   Samsung-14437 nickel cobalt manganese/lithium manganese oxide blend	Clinton County, Ohio	O&M Manager
Glacier Battery Storage	2MW,   BYD-7480 lithium ion phosphate	Whatcom County, Washington	O&M Manager
Battery Storage	2MW   Samsung-104000 lithium ion - solar power load shifting	Imperial County, California	O&M Manager
Cedar Point Wind	250MW   Vestas V90 WTGs	Limon, Colorado	O&M Manager
Whirlwind Wind	60MW   26 Siemens 2.3MW WTGs	Floydada, Texas	O&M Manager
Lamesa Solar	102MW   410,000 Trina panels	Dawson County, Texas	O&M Manager
Webberville Solar	30MW   129,600 Trina panels	Travis County, Texas	O&M Manager
Hackberry Wind	166MW   72 Siemens WTGs	Shackelford County, Texas	O&M Manager

### QUALIFICATIONS

Kendall is a highly skilled renewable energy professional. He led the RES Operations team for over five years; responsible for the operational wind, solar and storage projects. Before joining RES he was with NextEra where he managed 298MW of operational wind projects across America.

YEARS IN THE INDUSTRY

9

YEARS AT RES

6

INDUSTRY QUALIFICATIONS

- › Member, Wind Energy Professionals
- › OSHA 10-hour certified trainer

## RESUME

**NAME:** Peter Clibbon

**NATIONALITY:** Canadian and British

**EMPLOYER:** Renewable Energy Systems Canada Inc. (RES Canada)  
300 Leo-Pariseau, Suite 2516  
Montreal, QC H2X 4B3  
Tel: (514) 525-2113  
Email: [peter.clibbon@res-group.com](mailto:peter.clibbon@res-group.com)

**CURRENT POSITION:** Senior Vice President, Development

**EDUCATION:** 1988- 1992 McGill University – Mechanical Engineering  
  
1996-1997 Reading University, UK – Masters in Renewable Energy Technology (Faculty of Engineering)

**PROFESSIONAL QUALIFICATIONS:** Board Member for CanWEA since 2011  
Member of CanWEA and RenewableUK (BWEA) since 1997

### PROFESSIONAL EXPERIENCE:

2005 – Present      **Renewable Energy Systems Canada Inc.** – Sr Vice President, Development

Responsible for founding the RES Canada subsidiary, creating a pipeline of wind projects (1200 MW), establishing strategic relationships with partners and presenting opportunities to RES to secure EPC and BOP construction contracts in Canada. To date, RES has built 536 MW of wind in Ontario and co-developed a further 954 MW in Quebec.

Responsible for all stages of project development across Canada with an active pipeline of over 3000 MW of projects in 7 provinces. Focus is on development from site origination through to final permitting and Notice To Proceed (NTP), when handoff with finance and construction occurs. Responsibilities include:

- Land rights negotiations and environmental assessment;
- Public consultation and governmental permitting approvals;
- Engaging in municipal consultation and establishment of stakeholder relationships including local landowners, co-ops and local First Nations.

- Extensive First Nations experience with the Fort Williams First Nation and Red Rock Indian Band in northern Ontario with whom RES negotiated IBAs for the Greenwich wind farm.
- Community relations and acceptability of projects among local stakeholders a key concern in development of RES projects;
- Managing development budgets for the RES Canada office,
- Focus is on getting projects with commercialization path to full NTP and ready for financing and progress to construction

#### RELEVANT PROJECT LIST:

- Talbot Wind Farm (98.9MW), 2008-2010 - Development support in permitting site and achieving financial close, concluding at commencement of construction
- Greenwich Wind Farm (98.9MW), 2008-2011 - Development support in permitting site and achieving financial close, concluding at commencement of construction
- Le Massif du Sud Wind Farm (150MW), 2011 - Managed full development of site from site origination, RFP bid, through award, and provincial permitting regime in Quebec. Strong local support garnered for this site. Project sold after achieving NTP prior to commencement of construction
- St-Robert Bellarmin Wind Farm (80MW), 2011 - Managed full development of site from RFP bid, through award, and provincial permitting regime in Quebec. Strong local support garnered for this site. Project sold after achieving NTP and prior to commencement of construction
- Lac Alfred Wind Farm (300MW), 2013 - Managed full development of site from RFP bid, through award, and provincial permitting regime in Quebec. Project sold after achieving NTP and prior to commencement of construction

1997 – 2005

NEG Micon / Vestas – Development Manager (UK)

Management of a team with a pipeline of onshore and offshore wind energy projects in the UK and Sweden. Management of all commercial, public acceptance and permitting issues to the point of financial close.

- Humber Gateway, UK (300MW offshore)
- Kentish Flats, UK (90MW offshore)

#### Reference:

Don McKinnon, Dillon Consulting  
t: 416.229.4647 | e: dpmckinnon@dillon.ca



## RESUME

**NAME:** Stephen Cookson

**NATIONALITY:** Canadian

**EMPLOYER:** Renewable Energy Systems Canada Inc.  
300 Leo-Pariseau, Suite #2516  
Montreal H2X 4B3  
+1 (514) 409 4816 x226  
stephen.cookson@res-group.com

**CURRENT POSITION:** Director, Development

**EDUCATION:** Graduated 2001 –Mechanical Engineering  
Dalhousie University, Halifax, Nova Scotia

**PROFESSIONAL:** Professional Engineer - Order of Engineers of Quebec

### PROFESSIONAL EXPERIENCE:

#### Renewable Energy Systems Canada Inc.

- 2014 to date     **Director, Development** – RES Canada (Montreal)  
Responsible for development of utility-scale wind energy and transmission line projects. Manage overall development, environmental assessments (EA), land acquisition, permitting, interconnection, and project-level financial screening, as well as agency and stakeholder relationships. Focus on Aboriginal relations and partnerships, including leading the development and EA of the 1,800km, \$1.5B Wataynikaneyap Transmission line project, in partnership with 22 First Nations.
- 2012-2014     **Director, Development** – RES Chile (Santiago)  
Was responsible for founding of the RES affiliate in Santiago, Chile. Initiated and managed a portfolio of 300MW of wind energy projects in a new market context. Hired and led a team of local developers, while managing relationship with a Chilean development partner and representing RES Chile at the industry level. Completed land acquisition and EA permitting on 150MW Pinon Blanco project.
- 2007-2012     **Senior Development Manager** – RES Canada (Montreal)  
Was lead PM and responsible for development of the 100MW Greenwich windfarm project, including public land acquisition, EA permitting, stakeholder engagement, and operations support; secured Impact and Benefits Agreements with local First Nation communities while supporting the development of RES' Ontario (Crown) portfolio. Was lead PM and responsible for the development of the 150MW Massif du Sud windfarm in Quebec, including private land acquisition, EA permitting, stakeholder engagement and financial close; secured BAPE commission approval, while supporting the development RES' Quebec portfolio.

## CURRICULUM VITAE

<b>NAME</b>	Viviane Maraghi	
<b>NATIONALITY</b>	Canadian	
<b>EMPLOYER</b>	Renewable Energy Systems Canada inc. (RES Canada) 300 Léo Pariseau Bureau 2516 Montréal, Québec H2X 4B3 Tél: (514) 525-2113 Web: <a href="http://www.res-group.com">www.res-group.com</a>	
<b>POSITION</b>	Development Manager	
<b>PROFESSIONNAL QUALIFICATIONS</b>	<b>2017</b>	PMP Certification
	<b>2013</b>	Understanding financial statements, HEC, Montréal
	<b>2013</b>	Electricity Fundamentals and Restructuring, Oakleaf
		Energy training, Calgary
	<b>2009</b>	Using Electronic Spreadsheet Programs for
		Budgeting, HEC, Montréal
	<b>2008</b>	Wind Farm design with GH Windfarmer, Garrad
		Hassan Training, Houston, Texas
	<b>2008</b>	Project Management: Approach, Methods and
		Tools, HEC, Montréal
	<b>2006</b>	Wind Resource Assessment, AWEA-CANWEA
		Seminars, Syracuse
	<b>1995 -1998</b>	Masters in Anthropology, Université de Montréal
	<b>1991-1994</b>	B.A. in Anthropology and History, Université de
		Montréal
	<b>1989-1991</b>	College Degree in Business and Humanities, Collège
		André-Grasset, Montréal
<b>PROFESSIONNAL ASSOCIATIONS</b>	<b>2015 – present</b>	Board member and president of the Communications
		Committee of the <i>Association Québécoise de</i>
		<i>production d'énergie renouvelable</i> (AQPER)
	<b>2015 – present</b>	Member of the Canwea Québec Caucus Steering
		Committee
<b>LANGUAGES</b>	French (Native language, high skills spoken and written) English (Fluent, good skills spoken and written) Portuguese (Conversational, basic knowledge written) Spanish (Conversational)	

<b>PROFESSIONNAL EXPERIENCE</b>	
<b>2014 – Present</b>	<b>Renewable Energy Systems Canada inc. – DEVELOPMENT MANAGER</b> <ul style="list-style-type: none"> <li>- Development and management of large wind projects in Québec</li> <li>- Development manager of the Mont Sainte-Marguerite Wind Farm</li> <li>- Bid management for the Québec 2013-01 RFP</li> <li>- Stakeholder relations and public presentations</li> <li>- Representation in public events</li> <li>- Participation in various Canwea and AQPER working committees</li> <li>- Management of work related to: <ul style="list-style-type: none"> <li>o Environmental Impact Studies</li> <li>o Land Acquisition</li> <li>o Permitting Process and Acquisition</li> <li>o Legal support</li> <li>o Public Relations</li> <li>o Governmental Relations</li> </ul> </li> </ul>
<b>2006 – 2013</b>	<b>TransCanada Energy – PROJECT MANAGER</b> <ul style="list-style-type: none"> <li>- Bid management and preparation for 1000 MW of projects in Québec 2005-03 RFP and 250 MW in Ontario 2008 RES III RFP</li> <li>- Stakeholder relations (governmental authorities, aboriginals, landowners, etc.) and public presentations on projects in development</li> <li>- Project budget management</li> <li>- Management of Canadian and American external consultants' work: <ul style="list-style-type: none"> <li>o Wind assessment</li> <li>o Project layout</li> <li>o Project engineering</li> <li>o Environmental studies</li> <li>o Legal (option contracts, leases, commercial deals, etc.)</li> <li>o Land acquisition</li> <li>o Turbine assessment</li> <li>o Due Diligence on various projects.</li> <li>o Development and negociation of commercial contracts regarding sales or acquisitions of wind projects.</li> <li>o Market Analysis and presentations supporting internal development axes.</li> </ul> </li> <li>- Representation in public events (CanWEA, AWEA, AQPER)</li> <li>- Participation in various CanWEA working committees on, amongst other, Québec electricity pricing, development of new markets for Québec electricity and public and governmental relations related to an eventual Wind RFP in Québec</li> </ul>
<b>2006</b>	<b>Hélimax Énergie – PROJECT COORDINATION</b> <ul style="list-style-type: none"> <li>- Management of the efforts of a multidisciplinary team supporting wind development projects of 3 major clients: met mast installation, wind analysis,</li> </ul>



	<p>environmental analysis, energy yield analysis, etc.</p> <ul style="list-style-type: none"> <li>- Coordination of the relations between developers and local communities (MRC's, municipalities, Chamber of Commerce, landowners, etc.)</li> <li>- Preparation of presentation documentation on numerous projects</li> </ul>
<b>2005</b>	<p><b>Équiterre</b> - EVENT COORDINATION RELATED TO THE CLIMATE CHANGE UNITED NATIONS CONFERENCE – COP 11 (2005)</p> <ul style="list-style-type: none"> <li>- Management and organization of various activities related to the United Nations Conference on Climate Change (COP11) held in Montreal in December 2005</li> <li>- Organization of a Tradeshow on Sustainable Development held at the Complexe Desjardins (20 exhibitors, conferences, presentations of scientific studies, etc.)</li> <li>- Organisation of a Conference by Hubert Reeves at the Palais des congrès de Montréal</li> <li>- Organization of a major public event held at the Métropolis combining artists' presentations and short interventions from great personalities involved in climate change</li> <li>- Coordination of an important advertising campaign for The One-Tonne Challenge</li> </ul>

## RESUME

**NAME:** Patrick Henn

**NATIONALITY:** Canadian

**EMPLOYER:** Renewable Energy Systems Canada Inc. (RES Canada)  
300 Leo-Pariseau, Suite 2516  
Montreal, QC H2X 4B3  
Tel: (514) 525-2113, ext. 232  
Email: [patrick.henn@res-americas.com](mailto:patrick.henn@res-americas.com)

**CURRENT POSITION:** Development Manager

**EDUCATION:** 1991-1995, Université du Québec à Montréal – Environmental Sciences  
1999-2000, McGill University – M.Sc. Environmental Economics

### PROFESSIONAL EXPERIENCE:

2012 – Present      **Renewable Energy Systems Canada Inc.** –Development Manager  
Management of project development efforts in Saskatchewan, Quebec and British Columbia assets including:

- Assessment of opportunities, project screenings;
- Land rights negotiations;
- Environmental permitting process;
- Public and Aboriginal consultation;
- Governmental and stakeholder relations;
- Establishment of a renewable energy co-op in Ontario;
- Management of development budgets, resource evaluation, cost assessments and interconnection studies

#### RECENT PROJECT LIST:

- Mont-Sainte-Marguerite Wind Farm, Québec. Provided support for landowner agreements, environmental permitting process, and project siting
- Currently managing a portfolio of over 1000MW of wind projects in Québec, Saskatchewan and British Columbia

2004 – 2012

**GL Garrad Hassan (formerly Helimax Energy)** – Vice-President, Environmental and Permitting services, North America

General management of the environmental and permitting department which provided consulting services for wind projects throughout Canada and the United States, as well as solar projects in Ontario. Main responsibilities included management of environmental assessments and other studies, including under the REA process and Québec EA process, participation in stakeholder meetings and public hearings, team management and business development.

**RELEVANT PROJECT LIST:**

- Baie-des-Sables wind farm, 2004-06. Managed EA process and participated in public hearings
- Anse-à-Valleau wind farm, 2004-06. Managed EA process and participated in public hearings
- Carleton wind farm, 2005-07. Managed EA process and participated in public hearings
- Bornish Wind Farm (73MW), 2011-2012. Managed project permitting through the Ontario Ministry of Environment Renewable Energy Approvals (REA) process (as VP Environment at GL Garrad Hassan)
- Adelaide Wind Farm (60MW), 2011-2012. Managed project permitting through the Ontario Ministry of Environment Renewable Energy Approvals (REA) process (as VP Environment at GL Garrad Hassan)
- Solar energy projects (30MW), 2011-2012. Managed project permitting through the Ontario Ministry of Environment Renewable Energy Approvals (REA) process (as VP Environment at GL Garrad Hassan) for Glen Arm, Little Creek and Highlight solar projects.
- Environmental assessments, stakeholder consultation support and various environmental studies for over 5000MW of wind projects in several provinces in Canada

2002-2004

**Helios Centre** – Associate director

Consulting services related to sustainable energy, climate change and the Kyoto protocol, business development, and editor-in-chief of the group's sustainable energy newsletter.

**Reference:**

Carole Barbeau, DNV GL  
t: 514.272-2175 | e: [carole.barbeau@dnvgl.com](mailto:carole.barbeau@dnvgl.com)

## Jason M. Zingerman, Senior Vice President, Construction

<b>NAME:</b>	Jason M. Zingerman
<b>NATIONALITY:</b>	American
<b>EMPLOYER:</b>	Renewable Energy Systems Americas Inc. (RES Americas) 11101 W. 120th Avenue Suite 400 Broomfield, CO 80021 Tel: (303) 439-4200 Fax: (303) 439-4299 Web: <a href="http://www.res-group.com">www.res-group.com</a>
<b>CURRENT POSITION:</b>	Senior Vice President, Construction
<b>PROFESSIONAL EXPERIENCE:</b>	
<b>2013 to present</b>	<p><b>RES Americas –Senior Vice President, Construction</b></p> <ul style="list-style-type: none"> <li>→ Directs, manages and responsible for corporate negotiations, schedules and budgets for contracts for renewable energy and transmission projects in North and South America.</li> </ul> <p><b>Solar Projects:</b></p> <ul style="list-style-type: none"> <li>→ Demorestville Solar Project, Demorestville, ON (10 MW)</li> <li>→ Newboro 4, Newboro, ON (10MW)</li> <li>→ Newboro 1, Newboro, ON (10MW)</li> <li>→ Mighty Solar, Chesterville, ON (10 MW)</li> <li>→ Taylor Kidd, ON (10MW)</li> <li>→ OCI Alamo 1 Solar, San Antonio, TX 40MW</li> </ul> <p><b>Wind Projects:</b></p> <ul style="list-style-type: none"> <li>→ South Kent Wind Farm, Chatham-Kent, ON ( 270MW, 124 Siemens x 2.18MW)</li> <li>→ Origin Wind Farm, Hennepin, OK (150MW)</li> <li>→ Keechi Wind Farm, Jacksboro, TX (113MW)</li> <li>→ Longhorn 1, Floydada, TX (200MW)</li> <li>→ Tucannon River Wind Farm, WA (267MW, 116 Siemens 2.3MW)</li> <li>→ Buffalo Dunes Wind Farm, Garden City, KS, 250 MW, (135 GE X 1.85MW)</li> </ul>
<b>2008 – 2013</b>	<p><b>RES Americas –Vice President, Construction</b></p> <ul style="list-style-type: none"> <li>→ Manage multiple construction projects in an assigned region to deliver completed power generation projects in a safe manner within time deadlines and budget estimates.</li> <li>→ Motivate RES Americas project managers and engineers as well as clients and subcontractors working at sites.</li> <li>→ Maintains a safe working environment.</li> </ul>

<b>NAME:</b>	Jason M. Zingerman
	<ul style="list-style-type: none"> <li>→ Works toward goal of increasing the number of successful completed projects by maintaining the company's reputation as the contractor of choice for renewable energy projects.</li> </ul> <p><b>Solar Projects:</b></p> <ul style="list-style-type: none"> <li>→ Rutley Solar Farm, South Stormont, ON (10 MW)</li> <li>→ Norfolk Solar, ON (10MW) Under Construction</li> <li>→ FRV Solar Farm- Manor, TX (30 MW)</li> </ul> <p><b>Transmission Line Projects:</b></p> <ul style="list-style-type: none"> <li>→ MATL Transmission Line, Montana to Alberta (214 miles - 230KV Transmission Line)</li> </ul> <p><b>Wind Projects:</b></p> <ul style="list-style-type: none"> <li>→ Halkirk Wind Farm, Castor, AB (150MW, 83 x Vestas V90 1.8MW)</li> <li>→ Lower Snake River, Dayton, WA (350 MW, 152 Turbines X Siemens 2.3 MW)</li> <li>→ Bull Creek, O'Donnell, TX (180 MW, 180 Turbines X Mitsubishi 1.0 MW)</li> <li>→ Cedar Point Wind Farm, Limon, CO (250.2 MW, 139 Turbines x Vestas 1.8, V90's)</li> <li>→ Hatchet Ridge-2010, Shasta County, CA (101.2 MW, 44 Turbines X Siemens 2.3)</li> <li>→ Central Plains, Marienthal, KS (99 MW, 33 Turbines x Vestas V90)</li> <li>→ High Plains, Rock River, WY (99 MW, 66 Turbines x GE 1.5)</li> <li>→ Dunlap Wind Farm, Medicine Bow, WY (111 MW, 74 Turbines x GE 1.5)</li> <li>→ McFadden Ridge Rock River, WY (29 MW, 19 Turbines x GE 1.5)</li> </ul>
<b>2007 to 2008</b>	<p><b>RES Americas – Director, Construction</b></p> <ul style="list-style-type: none"> <li>→ Manage construction projects in an assigned region to deliver completed power generation projects in a safe manner within time deadlines and budget estimates.</li> <li>→ Motivate RES Americas project managers and engineers as well as clients and subcontractors working at sites.</li> <li>→ Maintains a safe working environment.</li> <li>→ Hackberry, Albany, TX (166 MW, 72 Turbines x Siemens 2.3 MK2)</li> <li>→ Whirlwind, Floydada, TX ( 60MW, 26 Turbines X Siemens 2.3)</li> </ul>
<b>1992 to 2007</b>	<p><b>Nix Electric Company, Inc., Lubbock, TX</b></p> <p><b>Operations Manager, 1996-2007</b></p> <ul style="list-style-type: none"> <li>→ Responsibilities include oversight of all engineering, sales to large accounts, and new product and service</li> </ul>

<b>NAME:</b>	Jason M. Zingerman
	<p>development including sales, design, and procurement.</p> <ul style="list-style-type: none"> <li>→ Supervision of 65 employees, including 10 sales, safety, and accounting personnel.</li> <li>→ Direct training of all employees involved in transformer design, testing, and commissioning.</li> <li>→ Review and approval of all contracts and insurance policies.</li> <li>→ Shop Foreman for 55 Employees, 1995-1996</li> <li>→ Foreman of Switchgear Department, 1994</li> <li>→ Engineer and Foremen of Winding Department, 1994</li> <li>→ Transformer Design Engineer, 1994</li> <li>→ 3 Phase Assemblyman, Tester, Switchgear Repairman, 1992-1993</li> </ul>
<b>1990 to 1992</b>	<b>Techline, Inc., Canyon, TX</b> <b>Warehouse Assistant</b>
<b>1988 to 1990</b>	<b>Bonfield Electric, Hobbs, NM</b> <b>Electrician</b> <ul style="list-style-type: none"> <li>→ Responsible for Crew Performing Automation and Distribution Contracting</li> </ul>



**JAMES GODWIN, P.E., (P.ENG)**  
**LEAD CIVIL DESIGN ENGINEER**

## PROJECT ROLES AND RESPONSIBILITIES

James will lead and manage the civil engineering design and drafting team for all aspects of the civil infrastructure and WTG foundations. His team will optimize the design of roads, drainage, stormwater management controls, and the WTG foundations. James will lead the design team throughout the project, including the site restoration and reclamation work.

## PROJECT EXPERIENCE

PROJECT   SCOPE	LOCATION	ROLE
Copenhagen Wind   80MW, 40 Vestas 2.0 MW	Jefferson & Lewis Counties, NY	Engineering Phase Manager
Bluestem Wind   198MW, 60 Vestas 3.3 MW	Beaver County, OK	Lead Civil Engineer
Hog Creek Wind   66MW, 30 Vestas 2.2 MW	Dunkirk, Ohio	Lead Civil Engineer
Broadview Wind   324MW, 141 Siemens 2.3 MW	Curry County, NM	Lead Civil Engineer
Little Elk Wind   74MW, 37 Vestas 2.0 MW	Clinton, OK	Lead Civil Engineer
Goodwell Wind   200MW, 100 Vestas 2.0 MW	Goodwell, OK	Lead Civil Engineer
Tucannon River Wind   267MW, 116 Siemens 2.3 MW	Dayton, WA	Lead Civil Engineer
Halkirk Wind   150MW, 83 Vestas 1.8 MW	Halkirk, AB	Lead Civil Engineer
Blue Canyon VI Wind   99MW, 55 Vestas 1.8 MW	Medicine Park, OK	Supporting Engineer for Construction
Comanche Solar   120MW	Pueblo, CO	Supporting Civil Engineer for Geotech Investigation and Construction
Webberville Solar   30MW	Travis County, TX	Lead Civil Engineer
Alamo Solar   41MW	Bexar County, TX	Lead Civil Engineer

## QUALIFICATIONS

James is a highly experienced civil and structural engineer supporting of utility-scale wind and solar farms. He joined RES in 2010 and provided immediate engineering support for major wind and solar projects from Texas to Canada. He has experience in infrastructure design analysis, transmission systems, permitting, soil and groundwater remediation systems, and construction management. In addition, James has innovated solutions to design challenges on numerous projects, including designing a mechanically stabilized earth wall that eliminated the need for a bridge to cross a navigable waterway, and remediation of subsurface Karst features for wind turbine foundations.

### YEARS IN THE INDUSTRY

22

### YEARS AT RES

7

### EDUCATION

- › B.S. Civil Engineering, University of South Florida
- › A.A. Engineering, Hillsborough Community College

### INDUSTRY QUALIFICATIONS

- › Association of Professional Engineers: CO, TX, OK, NM, WA, AZ, OH, FL
- › Professional Engineer (AB, SASK)
- › Member, Geoscientists of Saskatchewan
- › Member, American Society of Civil Engineers
- › Member, Society of American Military Engineers



## ABDOU SANA, P.ENG., PH.D.

### Electrical Design Engineer Specialist

#### ROLES AND RESPONSIBILITIES

Abdou supports development, construction, and the management of wind, solar, energy storage, and transmission line projects. He designs wind and solar and other renewable energy power plant collection systems (Electrical and Grounding system). Design and turnkey

contract specifications for plant substation, interconnection station and transmission Lines.

#### EXPERIENCE

COMPANY	SCOPE	ROLE
Mont Sainte Marguerite	147MW (46xSiemens SWT3.2MW wind turbines	
Tucannon River wind	267MW(116x2.3MW Siemens	
Keechi Wind	150MW (55x2.0MW Vestas	
Gaines cavern	2MW (1x Gamesa G97- 2.0MW	
Buffalo Dunes Wind	250MW (135x1.85MW GE	
Halkirk Wind	83x1.8MW Vestas	
Talbot Wind	98.9MW (43xSiemens 2.3MW	
Lac Alfred Wind	Preliminary design & Permitting 300MW, 150x Repower 2.0 MW	
Massif du Sud	Preliminary design for Permitting 150MW (75x Repower 2.0 MW	

#### QUALIFICATIONS

Abdou joined RES in 2007 bringing a diverse and international background in advanced solar technology research, power systems analysis, and general electrical system design. He has also provided invaluable support to quality assurance, process improvement, and staff mentoring efforts. Abdou has a Mechanical Engineering degree from Ecole Polytechnique Thies, Senegal, and a Masters of Applied Sciences degree and Ph.D. Electrical Engineering from Ecole Polytechnique in Montreal, Canada.

#### YEARS IN THE INDUSTRY

25

#### YEARS AT RES

10

#### EDUCATION

- › Ph.D. Electrical Engineering, Ecole Polytechnique Montreal, Quebec, Canada
- › M.Sc.A (Master of Applied Sciences), Ecole Polytechnique, Montreal
- › Mechanical Engineer, Ecole Polytechnique, Thies, Senegal

#### INDUSTRY QUALIFICATIONS

- › Professional Engineers of Ontario, Quebec, Nova Scotia and Saskatchewan in Canada.
- › IEEE (Secretary of the Task Force on Wind Power Plant Grounding for Personal Safety)



## RESUME

**NAME:** Liam Duffy

**NATIONALITY:** Canadian

**EMPLOYER:** Renewable Energy Systems Canada Inc. (RES Canada)  
1040 South Service Road East  
Unit 200, Suite 22  
Oakville, Ontario, L6J 2X7  
Tel: (905) 338-7377  
Fax: (905) 338-7370  
Email: [liam.duffy@res-group.com](mailto:liam.duffy@res-group.com)

**CURRENT POSITION:** Senior Construction Project Manager  
(Senior HV Authorized Individual)

**EDUCATION & REGISTRATIONS:** Bachelor of Engineering in Electronic & Electrical Engineering with honors, University of Strathclyde, Glasgow, Scotland, May 2007.

**SUMMARY OF QUALIFICATIONS:**

- Senior Project Manager with proven track record in EPC for renewable energy and infrastructure
- Excellent QA/QC/ budget/schedule/contract management skills
- Proven ability to recruit and build project teams and mentor staff
- Comprehensive construction safety training portfolio and excellent safety record
- Strong communication and interpersonal skills
- Progressing towards P.Eng in Ontario, Canada

### RELEVANT PROFESSIONAL EXPERIENCE:

**Senior Construction  
Project Manager  
RES Canada  
2011 - Present**

- Manage the overall, safe and complete construction of projects across US and Canada.
- Manage all aspects of construction with subcontractors and clients including budget, schedule, safety, reporting and tracking.
- Responsible for creating and negotiating contracts and subcontracts for execution by the Executive team. Overall coordination of all project activities from bid stage to completion.
- Responsibilities included estimating, recruiting and assembling project teams, team building and mentoring staff, construction management, client liaison, project quality/safety/schedule and budget reporting, invoicing, preparation of subcontracts and commissioning.

### PROJECT LIST

- > Gunns Hill Wind Farm – Ontario Canada - 18MW – ten (10) Senvion 2.0MW turbines
- > Grand Valley 3 Wind Farm – Ontario Canada - 40MW – Sixteen (16) Siemens 3.2MW turbines
- > Taylor Kidd, Mighty, Newboro 1 & 4 Solar Farms – Ontario, Canada – 40MW (Combined)
- > South Kent Wind Farm – Ontario, Canada – 270MW - One Hundred and four (124) Siemens 2.3 MW turbines
- > Montana Alberta Tie Line – Alberta, Canada and Montana, USA – 214 mile single circuit 230KV Transmission line, including 3 230KV switchyards.

### **Electrical Manager RES Canada 2007 - 2011**

- Manage Electrical construction on large wind farms in US and Canada.
- Manage all aspects of electrical construction with subcontractors responsible for Transmission Line, POI Switchyard, Substation, Collection System and SCADA networks on eight wind farms utilizing a range of turbine manufacturers (GE, Siemens, etc...).
- Work closely with Electrical Engineering department to aid design of a construction and operation friendly design.
- Work with senior management to produce subcontracts, scope of work and schedule of values.
- Senior HV authorized individual allowing me to bring a wind farm completely online including all HV switching within the switchyard and substation and also trained in HV testing for quality assurance.

### PROJECT LIST

- > Brooke Alvinston Wind Farm - Ontario, Canada – 10MW - Four (4) Samsung 2.5MW turbines
- > Talbot Wind Farm - Ontario, Canada – 99MW - Forty-three (43) Siemens 2.3 MW turbines
- > Greenwich Wind Farm - Ontario, Canada – 99MW - Forty-three (43) Siemens 2.3 MW turbines
- > Site Nordique Experimental en Eolien (SNEEC), Quebec, Canada – 4.1MW – Two (2) REPower MM92 turbines with one instrumented foundation
- > NREL National Wind Technology Center, Colorado – 3.8MW – One (1) Siemens 2.3MW turbine and one (1) GE 1.5MW turbine with instrumented foundation
- > McFadden Ridge I – Wyoming – 28.5MW – Nineteen (19) GE 1.5MW turbines
- > High Plains, Wyoming (99MW) - Sixty-six (66) GE 1.5MW turbines
- > South Trent Mesa, Texas (101MW) - Forty-four Siemens 2.3MW
- > Sweetwater V, Texas (52.5MW) - Thirty-five Siemens 2.3MW turbs

### **Reference:**

Dean Gatien, Co-Owner 1-705-919-5705 DGatien@Powertel.ca  
Powertel Utilities Contractors Limited  
150 Regional Road 10 Whitefish, Ontario, P0M 3E0