A Canadian company is seeking a business partnership with generators and large power consumers to implement their energy cost management software solution

Summary

Profile type	Company's country	POD reference
Technology request	**Canada**	**TRCA20230405021**
Profile status	Type of partnership	Targeted countries
PUBLISHED	**Research and development cooperation agreement**	**• World**
	Commercial agreement with technical assistance	
	Investment agreement	
Contact Person	Term of validity	Last update
Rita Elste - Tomsone	**5 Apr 2023**	**5 Apr 2023**
	4 Apr 2024	

General Information

Short summary

A Canadian company has developed proprietary energy cost management software that is proven to minimize costs for large power consumers and increase generators' revenues.
They are seeking a partner that will implement their software solution into their systems and collaborate with our client to improve their solution.
Our client is open to establish either a commercial agreement with technical assistance, an investment, or a research and development cooperation agreement.

Full description

Our client is an energy market intelligence firm which supports commercial partners across a wide range of industries. Their short-term energy cost optimization improves revenue or minimizes electricity costs by 10-30%. The company's energy cost management tools provide a combined forecast view of various variable electricity costs to a generator or load. Their software is available to generators, industrial manufacturers, and utility companies.
Using their solutions, operators and generators can make decisions based on not only operating parameters but also on energy costs, thus enabling this information to be incorporated into optimized solutions which can capitalize on energy market volatility. Our client's solutions are proven to support energy savings and revenue and have done so without impacting company productivity or safety.
Our client is seeking a partner that will implement their software solution into their systems and collaborate with our

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client to improve their solution.

They are open to establishing either a commercial agreement with technical assistance, an investment agreement, or a research and development cooperation agreement with a suitable partner.

Advantages and innovations

Our client's proprietary forecast software is built using their datasets, which are one of North America's largest power market databases.

Their technology has been proven and demonstrated scalability with the development of over 80 neural networks, leveraged cloud computing solutions, and other AI to aid in customer incident tracking.

Our client's solution is focused on the needs of generators, loads micro-grid, utilities, and large industries. These partners all share similar needs when it comes to managing electricity costs and this software solution is tailor-designed to support them.

To support the growth and familiarity of software users at various stages, our client uses web interfaces, alerts, APIs, and direct access to engage with users.

Technical specification or expertise sought

Our client is seeking a partner with expertise in energy markets, carbon markets, micro-grids, smart-metering and related gateways, data collection, power project development, and industrial process management to demonstrate their software solution.

Stage of development

Already on the market

Sustainable Development goals

• **Goal 12: Responsible Consumption and Production**

• **Goal 13: Climate Action**

• **Goal 17: Partnerships to achieve the Goal**

• **Goal 9: Industry, Innovation and Infrastructure**

IPR Status

Secret know-how

Partner Sought

Expected role of the partner

Potential partners sought are those looking to actively address challenges in emissions and who work in smart metering. Our client is seeking partners for their software solutions who operate in data collection, energy cost management, power portfolio management, modelling, planning and analysis of power markets.

These include multi-national industrials, manufacturers, electricity meter and connected hardware providers, smart grid industries, renewable generators, utilities, project developers, banks, universities and other researchers.

Type of partnership

Type and size of the partner

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Research and development cooperation agreement

Commercial agreement with technical assistance

Investment agreement

- **SME 50 - 249**

- **Big company**

- **R&D Institution**

- **SME 11-49**

- **University**

- **Other**

Dissemination

Technology keywords

- **01003003 - Artificial Intelligence (AI)**

- **04002005 - Generators, electric engines and power converters**

- **04002011 - Micro-generation and grid connection**

- **01003010 - Databases, Database Management, Data Mining**

- **004006001 - Energy management**

Market keywords

- **06008 - Energy Storage**

- **08002001 - Energy management**

- **02006007 - Databases and on-line information services**

- **02007011 - Manufacturing/industrial software**

- **02007016 - Artificial intelligence related software**

Targeted countries

- **World**

Sector groups involved

- **Energy-Intensive Industries**

- **Renewable Energy**

- **Digital**